

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

COLUMBUS

July 1, 1963 to June 30, 1964

1963-1964

THE OHIO STATE UNIVERSITY
NOVICE G. FAWCETT, *President*

BOARD OF TRUSTEES

	Term Beginning	Term Expiring
THOMAS F. PATTON, Cleveland.....	May 14, 1957	May 13, 1964
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, ¹ Dayton.....	May 14, 1961	May 13, 1968
JOHN W. BRICKER, ² Columbus.....	May 14, 1962	May 13, 1969
CARLTON S. DARGUSCH, ³ Columbus.....	May 14, 1963	May 13, 1970
JOHN G. KETTERER, Canton.....	October 18, 1963	May 14, 1971
FREDERICK E. JONES, Columbus.....	October 18, 1963	May 14, 1972

¹ Succeeded Charles F. Kettering who died November 25, 1958. (January 8, 1959-May 13, 1961)

² Served two previous terms (1948-1962)

³ Served three previous terms (1938-1959)

OFFICERS

1963-1964

THOMAS F. PATTON, *Chairman*
SMITH L. RAIRDON, *Vice Chairman*
JOHN T. MOUNT, *Secretary*
GORDON B. CARSON, *Treasurer*

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

Columbus, Ohio, July 12, 1963

The Board of Trustees met at its regular monthly meeting on Friday, July 12, 1963, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Thomas F. Patton, Chairman, Smith L. Rairdon, Alan B. Loop, Jacob E. Davis, Stanley C. Allyn, and John W. Bricker.

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The minutes of the last meeting were approved.

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July 12, 1963 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Clarification of Fees Approved to be Effective Autumn Quarter 1963

At the June 14, 1963 meeting of the Board of Trustees, several adjustments in student fees were approved to become effective Autumn Quarter 1963. To clarify certain details related to these adjustments, it is recommended

1. that the fee for part-time students (those carrying six credit hours or less or enrolled for one term of a Summer Quarter) be assessed at an even dollar rate of \$63.00 per quarter;
2. that the non-resident fee for part-time students be assessed at an even dollar rate of \$83.00 per quarter; and
3. that the non-resident fee be assessed, when applicable, to students attending branch centers and that this assessment be made on the basis of the same formula used to assess resident fees for students attending branch centers.

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

B. Agricultural Extension Annual Personnel Budget for the 1963-1964 Fiscal Year - Revised

The Board of Trustees at its June 14, 1963 meeting approved the 1963-64 annual personnel budget for the Agricultural Extension Service in the amount of \$3,468,502.00, subject to the legislative approval of the level of support indicated in lines 990 through 1005 of Amended H.B. 711. Final action by the General Assembly resulted in a \$60,000.00 reduction below this level. It is therefore recommended that the Agricultural Extension Service annual personnel budget from appropriated State and Federal Funds and Extension Rotaries in the reduced amount of \$3,408,502.00 be approved for the fiscal year beginning July 1, 1963.

Upon motion of Mr. Bricker, seconded by Mr. Davis, the Agricultural Extension Service personnel budget was unanimously approved by roll call vote, and the Secretary was instructed to file the "Salary Roll" detailing this budget with the official records of the University.

C. Degrees Conferred - Summer Quarter Commencement Convocation

It is recommended that degrees be conferred at the Summer Quarter Commencement Convocation on August 23, 1963 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 31.)

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

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July 12, 1963 meeting, Board of Trustees

II. PERSONNEL CHANGES

It is recommended that all personnel changes since the June 14, 1963 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, Leaves of Absence Without Salary, and Emeritus Titles:

A. Appointment

Lloyd R. Evans, Assistant Dean, College of Medicine, and Associate Professor, Department of Medicine, effective September 1, 1963, at a salary of \$18,468.00 per annum. As Assistant Dean, he will be responsible for medical curriculum development and research in medical education.

B. Leaves of Absence Without Salary

Richard R. Newberg, Professor (part time - 43%), Agricultural Economics and Rural Sociology, October 1, 1963 through September 30, 1964, to work for the U. S. Agency for International Development in Brazil.

Carroll L. Shartle, Professor, Psychology, July 1, 1963 through September 30, 1963, to supervise an All-Services High Level Defense Department Research Organization, Washington, D. C.

Delos D. Wickens, Professor, Psychology, January 1, 1964 through March 31, 1964, to teach at the University of California, Berkeley, California.

E. Leonard Jossem, Associate Professor, Physics, October 1, 1963 through September 30, 1964, to serve with the National Commission sponsored by the American Institute of Physics and the American Association for Physics Teachers, Haverford, Pennsylvania.

Samuel C. Kelley, Associate Professor (part time - 25%), Economics, and Director, Labor Relations and Research Service (part time - 75%), July 1, 1963 through June 30, 1964, to work on a research project for the Organization for European Economic Cooperation, Paris, France.

Phebe M. Scott, Associate Professor, Women's Physical Education, June 17, 1963 through August 23, 1963, to become manager of the United States Women's Track Team which will compete in Europe.

H. Eric Solomon, Assistant Professor, English, April 1, 1964 through June 30, 1964, to be engaged in research.

Adrian H. Stilson, Assistant Professor, University School, October 1, 1963 through September 30, 1964, to attend the Army War College at Carlisle, Pennsylvania.

July 12, 1963 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Leaves of Absence Without Salary (continued)

Charles B. Wheeler, Assistant Professor, English, April 1, 1964 through June 30, 1964, to complete writing a book.

Mary E. Wilsberg, Assistant Professor, University School, October 1, 1963 through September 30, 1964, to work on doctoral requirements at Columbia University.

Irma G. Fitzenrider, Instructor (County Extension Agent, Home Economics) Williams County, July 1, 1963 through July 31, 1963, because of illness in her family.

David D. Jenkins, Instructor (County Extension Agent, 4-H) Fairfield County, August 1, 1963 through June 15, 1964, to study at The Ohio State University.

C. Emeritus Titles

Earl H. Baxter, Pediatrics, with the title Professor Emeritus, effective July 1, 1963.

Elwyn G. Davies, College of Law, with the title Professor Emeritus, effective August 1, 1963.

Alexander H. Schutz, Romance Languages, with the title Professor Emeritus, effective July 1, 1963.

Upon motion of Mr. Davis, seconded by Mr. Rairdon, the Appointment, Leaves of Absence Without Salary, Emeritus Titles, and the personnel changes recorded in the official "Salary Roll" of the University were unanimously approved 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. Headquarters, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, for Services in Support of Research on the Chemistry of Fuels and Propulsion (to be known as Aeronautical Systems Division Project No. 1077 - Sup. #8 - RF Internal Supervision).
Gross Value - \$22,000.00.

July 12, 1963 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)

- b. Department of the Navy, Office of Naval Research, Washington 25, D. C. , for Conducting a Course of Instruction in Navy Price Analysis (to be known as Office of Naval Research Project No. 1086 - Amend. #6 - Defense Management Center).
Gross Value - \$29,000.00.
- c. Headquarters, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, for Spectroscopic Analysis of Plasma Flow (to be known as Aeronautical Systems Division Project No. 1390 - Sup. #4 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$4,007.00.
- d. Headquarters, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, for Contributive Research in Thermo-mechanics (to be known as Aeronautical Systems Division Project No. 1401 - Sup. #1 - RF Internal Supervision).
Gross Value - \$47,000.00.
- e. National Science Foundation, Washington 25, D. C. , for an Investigation of the Solar Spectrum in the Range 0.295-5.0 Microns (to be known as National Science Foundation Project No. 1482 - Amend. #1 - Department of Astronomy).
Gross Value - \$23,600.00.
- f. Headquarters, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, for Research on Radiographic Techniques of Graphite Evaluation (to be known as Aeronautical Systems Division Project No. 1663 - New - Department of Welding Engineering).
Gross Value - \$26,839.00.
- g. National Science Foundation, Washington 25, D. C. , for an Investigation of Effects of Colloids on Plant Nutrition (to be known as National Science Foundation Project No. 1664 - New - Department of Agronomy).
Gross Value - \$30,500.00.
- h. Department of Health, Education and Welfare, Office of Education, Washington 25, D. C. , for A Word Count of Spoken Russian (to be known as Office of Education Project No. 1665 - New - Department of Slavic Languages and Literatures).
Gross Value - \$18,214.00.

July 12, 1963 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)

- i. U. S. Army Research Office (Durham), Box CM, Duke Station, Durham, North Carolina, for an Investigation of 4397-C - Initial Stages of Oxidation of Metals (to be known as U. S. Army Research Office (Durham) Project No. 1666 - New - Department of Metallurgical Engineering).
Gross Value - \$14,827.00.
- j. Headquarters, Aeronautical Chart and Information Center, USAF, Second and Arsenal, St. Louis 18, Missouri, for Collection, Reduction, Processing and Evaluation of Gravity Data (to be known as Aeronautical Chart and Information Center Project No. 1668 - New - Department of Geodetic Science).
Gross Value - \$38,000.00.
- k. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for Statistical Classification of Mental Disorders (to be known as National Institutes of Health Project No. 1669 - New - Department of Psychiatry).
Gross Value - \$2,210.00.
- l. National Science Foundation, Washington 25, D. C., for Ecology and Floristic Investigations of Antarctic Lichens (to be known as National Science Foundation Project No. 1671 - New - Institute of Polar Studies).
Gross Value - \$17,900.00.
- m. National Science Foundation, Washington 25, D. C., for an Investigation of Byrd Station Glaciology, 1963-64 (to be known as National Science Foundation Project No. 1672 - New - Institute of Polar Studies).
Gross Value - \$28,200.00.
- n. 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 - New - Department of Metallurgical Engineering).
Gross Value - \$99,767.00.
- o. U. S. Army Research Office (Durham), Box CM, Duke Station, Durham, North Carolina, for an Investigation of 4348-M Polygroupoids (to be known as U. S. Army Research Office (Durham) Project No. 1676 - New - Department of Mathematics).
Gross Value - \$5,568.00.

July 12, 1963 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)

- p. Department of Health, Education and Welfare, Office of Education, Washington 25, D. C. , for A Comparison Between Different Stimuli Combined with Two Methods for Providing Knowledge of Results in Music Instruction (to be known as Office of Education Project No. 1677 - New - School of Music).
Gross Value - \$87,286.00.
- q. National Science Foundation, Washington 25, D. C. , for an Investigation of Spectra of Mira Variables (to be known as National Science Foundation Project No. 1678 - New - Department of Astronomy).
Gross Value - \$8,800.00.
- r. National Science Foundation, Washington 25, D. C. , for an Investigation of General Acoustic Phonetics (to be known as National Science Foundation Project No. 1679 - New - Department of Slavic Languages and Literatures).
Gross Value - \$42,100.00.
- s. Headquarters, Air Proving Ground Center, AFSC, Eglin Air Force Base, Florida, for an Investigation of Psychological Effects of Non-Nuclear Weapons for Counterinsurgency (to be known as Air Proving Ground Center Project No. 1680 - New - Department of Psychology).
Gross Value - \$38,700.00.

TOTAL - Government Contracts - Federal \$584,518.00

2. Industrial and Other Contracts

- a. The Procter & Gamble Company, 6000 Center Hill Road, Cincinnati 24, Ohio, for an Investigation of Pathogenesis of Dental Caries (to be known as The Procter & Gamble Company Project No. 323 - Ext. #21 - College of Dentistry).
Gross Value - \$31,188.00.
- b. Ohio Tuberculosis & Health Association, 1575 Neil Avenue, Columbus 1, Ohio, for an Investigation of Autoimmunization in Experimental Tuberculosis (to be known as Ohio Tuberculosis & Health Association Project No. 764 - Ext. #6 - Department of Microbiology).
Gross Value - \$3,510.00.
- c. Holland-Rantos Company, Inc. , 145 Hudson Street, New York 13, New York, for an Investigation of New Progestin Compounds (to be known as Holland-Rantos Co. , Inc. Project No. 1239 - Ext. #2 - Department of Obstetrics and Gynecology).
Gross Value - \$30,171.00.

July 12, 1963 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)

- d. American Heart Association, Inc. , 44 East 23rd Street, New York 10, New York, for an Investigation of Ventricular Function in Congestive Heart Failure (to be known as American Heart Association Project No. 1328 - Ext. #2 - Department of Medicine).
Gross Value - \$6,435.00.
- e. Columbia Organic Chemicals Co., Inc. , 912 Drake Street, Columbia 5, South Carolina, for an Investigation of Synthesis of Special Organic Chemicals (to be known as Columbia Organic Chemicals Co., Inc. Project No. 1485 - Ext. #1 - Department of Chemistry).
Gross Value - \$800.00.
- f. The Rockefeller Foundation, 111 West 50th Street, New York 20, New York, for an Investigation of Control of Vascular Pathogens of Plants by Internal Nonpathogens (to be known as The Rockefeller Foundation Project No. 1662 - New - Department of Botany and Plant Pathology).
Gross Value - \$10,000.00.
- g. The Petroleum Research Fund, American Chemical Society, 1155 - 16th Street, N. W., Washington 6, D. C., for an Investigation of Chemistry of Norbornane Derivatives (to be known as The Petroleum Research Fund Project No. 1670 - New - Department of Chemistry).
Gross Value - \$22,300.00.

TOTAL - Industrial and Other Contracts \$104,404.00

The foregoing twenty-six contracts for research in cooperation with Government, Industry and Other represent a gross income of \$688,922.00.

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

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

During the period from June 1, 1963 through June 28, 1963, 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.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Research Contract

EES 191 A Study of the Effect of the Viscosity of Asphalt on the
Rheological Properties of Bituminous Mixes, Ohio
Department of Highways, Columbus, Ohio, Bureau of
Public Roads, Washington, D. C.
Gross Value - \$27,100.00.

2. Industrial Research Contract

EES 231 Basic Research on the Corrosion of Iron and Steel,
American Iron and Steel Institute, New York, New York.
Gross Value - \$20,000.00.

The foregoing two contracts for research in the Engineering Experiment Station represent a gross income of \$47,100.00.

C. 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 1963-64 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
Teaching of Handicapped Children

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. Allyn, the above recommendation was unanimously approved by roll call vote.

D. Amendment to Agreement between West Virginia University
and The Ohio State University Relating to Enrollment of
Students in the College of Veterinary Medicine

On May 11, 1953 the Board of Trustees approved an Agreement between West Virginia University and The Ohio State University whereby it was agreed that the State of West Virginia would contribute to The Ohio State University \$1,000.00 annually for each West Virginia student enrolled in the College of Veterinary Medicine. As a result of the increasing costs

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

D. Amendment to Agreement between West Virginia University and The Ohio State University Relating to Enrollment of Students in the College of Veterinary Medicine (continued)

since the date of the said Agreement, it is now deemed necessary and desirable to increase the sum of money contributed by the State of West Virginia from \$1,000.00 to \$1,500.00 annually for each West Virginia student who accepts an appointment for admission to the College of Veterinary Medicine.

It is therefore recommended that the President be authorized to sign on behalf of The Ohio State University an Amendment to the said original Agreement providing for an increase as indicated above with the understanding that the increase shall become effective Autumn Quarter 1963. Each West Virginia student enrolled in Veterinary Medicine prior to the date of this Amendment to said Agreement shall be covered by the provisions of the original Agreement until his graduation. The Amendment authorizing the above stated increase has been approved by the Board of Governors of West Virginia University.

Upon motion of Mr. Bricker, seconded by Mr. Davis, the Amendment to the Agreement between West Virginia University and The Ohio State University relating to enrollment of students in the College of Veterinary Medicine was unanimously approved by roll call vote, and the President was authorized to sign said Amendment.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University, including the establishment of a memorial fund, are hereby reported for the record and appropriate expression of appreciation has been conveyed:

A. Administered Through the Office of Business and Finance

1. \$75,000.00 granted by the National Science Foundation to the University for "Institutional Grants for Science, 1963." (Grant GU-398)
2. \$64,960.00 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 Occupational Health," under the direction of Dr. William F. Ashe, Department of Preventive Medicine, for the period July 1, 1963 through June 30, 1964. (Grant 1 T1 GM 1134-01 - T1 ES 32)
3. \$60,573.00 additional grant from the Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, 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, 1963 through December 31, 1963. (Grant 1 S01-FR-05109-01)

July 12, 1963 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

4. \$31,144.00 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. Jorgen M. Birkeland and Dr. E. H. Bohl, Department of Microbiology, for the period July 1, 1963 through June 30, 1964. (Grant 5 T1 GM-705-03)
5. \$29,235.00 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 in Arthritis and Metabolic Diseases," under the direction of Dr. George J. Hamwi, Department of Medicine, for the period July 1, 1963 through June 30, 1964. (Grant T1 AM 5118-07)
6. \$21,529.00 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 in Psychiatric Nursing," under the direction of Mildred E. Newton, School of Nursing, for the period July 1, 1963 through June 30, 1964. (Grant 5 T2 MH-6375-07 - Formerly 2M-6375-C6)
7. \$3,675.00 additional grant from the 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. This grant terminates on or about September 30, 1964. (Grant GE-280-Amendment No. 1)
8. \$3,075.00 additional grant from the 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. This grant terminates on or about September 30, 1964. (Grant GE-280-Amendment No. 2)
9. \$791.00 additional grant from the Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, to the University for "General Research Support," under the direction of Dr. Walter R. Krill, College of Veterinary Medicine, for the period January 1, 1963 through December 31, 1963. (Grant 1 S01-FR-05264-01)

TOTAL - Through the Office of Business and Finance \$289,982.00

B. Received Through the Development Fund

1. \$13,400.00 from the Charles F. Kettering Foundation, Yellow Springs, Ohio--\$7,200.00 for fellowships in Agricultural Biochemistry and \$6,200.00 for fellowships in Botany.

July 12, 1963 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

2. \$10,000.00 from The Procter & Gamble Co., Cincinnati, Ohio, for research fellowships in Dentistry.
3. \$8,500.00 from The Bremer Foundation, Youngstown, Ohio, for research in Medicine.
4. \$1,528.00 from the family and friends of Jerald D. O'Koon, deceased, for the Jerald D. O'Koon Memorial Fund.

Jerald D. O'Koon Memorial Fund

The Jerald D. O'Koon Memorial Fund was established June 20, 1963 by gifts through the Development Fund from the family and friends of Jerald D. O'Koon, deceased.

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 at the direction of Dr. Charles Austin Doan for research in leukemia and cancer. Upon Dr. Doan's death or resignation from the staff of The Ohio State University College of Medicine, the income shall be used for the same purpose at the direction of the Dean of the College of Medicine. In case the need for such research shall cease or so diminish as to create unused income, Dr. Doan or the Dean of the College of Medicine, as the case may be, may direct its use for other medical research.

5. \$1,000.00 from the Guernsey County Cancer Society, Cambridge, Ohio, for cancer research in Dentistry.

TOTAL - Through the Development Fund \$34,428.00

C. Gift-in-Kind Received since the June 14, 1963 Meeting

The American Chemical Society desires to construct at its own cost and give to the University that portion of a private sanitary sewer line which will pass through University land. The sewer has been designed with sufficient capacity to serve the foreseeable future requirements of the University as well as those of the Chemical Abstracts Service in the area north of Lane Avenue, between Buckeye Village and the Olentangy River.

Upon motion of Mr. Rairdon, seconded by Mr. Allyn, the above report of grants and gifts, including the establishment of a memorial fund, was accepted by unanimous roll call vote, and the Secretary was instructed to include the report in the minutes of this meeting.

July 12, 1963 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Report from The Ohio State University Development Fund

In June, 1963, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	920	\$ 47,199.78
Individuals, other than alumni	80	6,706.42
Non-profit organizations	25	29,571.95
Business concerns	25	49,372.71
	<u>1,050</u>	<u>\$132,850.86</u>

Of these gifts, 685 totaling \$3,988.99 were undesignated and 365 totaling \$128,861.87 were designated.

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V. APPROPRIATIONS AND TRANSFER OF FUNDS

- A. The President reported that, in accordance with the policy previously adopted by the Board, the following balances were closed by transfer to Account 19999, University Treasurer General Fund, in order to facilitate closing of the books on June 30, 1963.

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 1962-63.

National Science Foundation

41003	Oetjen & Bell - Physics	\$ 1,183.87
41004	Wickens - Psychology	67.06
41005	Daunt - Physics	3,153.47
41012	Shaw - Physics	2,252.24
41013	Gander - Agricultural Biochemistry	16.93
41015	Hartman - Physiology	(13.28)
41031	Richardson - Education	4,342.40
41033	Riley - Physics	222.61
41034	Parks - Pharmacy	208.75
41035	Smith - Electrical Engineering	228.11
41038	Richardson - Education	3,216.09
41039	Garrett - Chemistry	1,541.89
41040	Fisher - Mathematics	2,785.40
41041	Spieker - Geology	1,454.17
41042	Richardson - Education	2,600.00
41043	Deatherage - Agricultural Biochemistry	809.97
41044	Himes - Agronomy	305.28
41045	Parks - Pharmacy	1,487.07
41046	Yarrington - Engineering Administration	1,498.35
41047	Busch - Chemistry	345.87
41049	Riley - Physics	185.47
	Total National Science Foundation	<u>\$27,891.72</u>

July 12, 1963 meeting, Board of Trustees

V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

A. (continued)

U. S. Department of Health, Education and Welfare

42004	NIH - Saslaw	\$ 1,691.40
42008	NIH - Johnson	(35.40)
42017	NIH - Wilson	3,683.59
42029	NIH - Deatherage	1,160.40
42032	Office of Education - Peters	19,406.00
42034	NIH - Hamwi	2,041.84
42037	NIH - Havener	1,374.80
42038	NIH - Meyer	522.71
42039	NIH - Scodel	1,180.26
42041	NIH - Orbison	808.25
42042	NIH - Von Haam	820.02
42043	NIH - Warren	2,670.93
42045	NIH - Weissler	437.72
42047	NIH - Johnson	1,489.25
42049	NIH - Birkeland	968.50
42051	NIH - Scarpelli	1,327.73
42052	NIH - Scodel	1,100.00
42056	NIH - Ogden	1,219.37
42057	NIH - Von Haam	375.36
42059	Vocational Rehabilitation Adm. - Black	673.82
42062	NIH - Newton	605.32
42063	NIH - Patterson	1,948.70
42064	NIH - Von Haam	1,591.05
42065	NIH - Wilson	367.68
42066	Vocational Rehabilitation Adm. - Burk	563.35
42070	NIH - Wharton	722.64
42071	NIH - Meiling	9,787.91
42075	Office of Education - Peters	4,210.00
42076	Office of Education - Allen	1,800.00
42078	NIH - Cava	.95
42108	NIH - Von Haam	<u>60.77</u>
	Total U. S. Department of Health, Education and Welfare	<u>\$64,574.92</u>

Other Federal Agencies

42003	ICA Service Charge - India	\$ 1,344.00
43005	ICA Education - India	14,909.74
43007	AEC - Richardson	978.26
43011	ICA Agriculture - India	18,544.10
43017	Veteran's Administration - 10 per cent	83.84
43020	Peace Corps	3,029.94
43021	AID - Educational Services, Inc. - Engineering	2,504.57
	Total Other Federal Agencies	<u>\$41,394.45</u>

July 12, 1963 meeting, Board of Trustees

V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

A. (continued)

Miscellaneous

31036	A. P. Sloan	\$ 1,050.00
31037	Continental Casualty Company	12,689.75
	Total Miscellaneous	<u>\$ 13,739.75</u>
	Grand Total	<u>\$147,600.84</u>

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

B. 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, 1963 through June 30, 1964.

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

C. Newcomers Reception

Upon the recommendation of Mr. Frederick Stecker, Executive Director, 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 Thursday, October 10, 1963.

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

D. Appropriation from Unrestricted Portion of Mershon Fund to Scholarship Funds

Upon the recommendation of the University Scholarships and Loans Committee and with the concurrence of the Executive Dean, Student Relations, and the Vice President, Business and Finance, it is requested that the Board of Trustees authorize the appropriation of \$150,000.00 from the unrestricted portion of the Mershon Income to support University scholarships during the 1963-64 academic year. This recommendation is in accordance with the policy established by the Board of Trustees on February 7, 1958.

Upon motion of Mr. Davis, seconded by Mr. Rairdon, the appropriation of \$150,000.00 from the unrestricted portion of the Mershon Income for support of University scholarships during the 1963-64 academic year was unanimously approved by roll call vote.

July 12, 1963 meeting, Board of Trustees

V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

E. Appropriation of \$10,000.00 to the
Citizens for Ohio's Bond Issue

It is recommended that an amount not to exceed \$10,000.00 be appropriated from the non-tax funds deposited in the University Treasurer General Fund Account No. 19999 to the Citizens for Ohio's Bond Issue, Mr. Harry Richter, Treasurer, for the purpose of assisting with the costs of interpreting the \$250 million bond issue which is to be submitted to the voters of Ohio in November.

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

F. Conference on the Humanities

Upon the request of the Dean of the Graduate School and with the concurrence of the Vice President for Instruction and Dean of Faculties, it is recommended that an amount not to exceed \$2,500.00 be appropriated from the University Treasurer General Fund to Rotary 19606 for the Sixth Annual Conference on the Humanities to be held on the campus April 22 through 25, 1964.

Upon motion of Mr. Rairdon, seconded by Mr. Allyn, the above appropriation was unanimously approved by roll call vote.

G. 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 beginning July 1, 1963.

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

H. Appropriations for the Development of Research Projects

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:

\$27,500.00 to provide funds for matching a grant in the amount of \$27,000.00 from the National Science Foundation for research equipment for the Department of Chemistry	Subaccount (f)
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July 12, 1963 meeting, Board of Trustees

V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

H. Appropriations for the Development of Research Projects (continued)

\$10,000.00 to provide funds for the purchase of equipment for an experimental instructional program through the use of a one-way video, two-way audio system between the University campus and the Graduate Center at Wright Field. The U. S. Air Force will pay for the line charges for conducting this study at an estimated amount of \$2,500.00 per quarter

Subaccount (c)

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

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VI. EXTRA ORDER TO CONTRACT

At the request of the Council on Business Affairs, and with the concurrence of the Cabinet, it is recommended that the Extra Order to Contract 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.

A. Men's Housing #1 and #2 - Dining Facility (Royer Commons)

General Contract

It is recommended that the following changes be made:

1. Remove quarry tile flooring and setting bed where two "pass-thru" refrigerators were installed and reinstall tile at the edges and provide expansion joints around refrigerators. Add \$531.43.
2. Provide two chases in concrete block partition for hot gas lines from freezers and provide two 3" holes through the concrete. Add \$295.00.

Total extra cost \$826.43

Funds will be provided from Dormitory Construction Funds.

Upon motion of Mr. Davis, seconded by Mr. Loop, the above recommendation was unanimously approved by 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:

July 12, 1963 meeting, Board of Trustees

VII. PLANS AND SPECIFICATIONS (continued)

A. Runway Extensions, The Ohio State University Airport

This project 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.

Funds will be provided from the University Treasurer General Fund, Budget Account 31235 (Engineering Experiment Station) and a grant from the Federal Aviation Agency.

B. Student Housing - Building #12 (Drackett Tower)

This is a high-rise dormitory which will house 870 students.

Funds will be provided from Dormitory Construction Funds.

C. Rehabilitation of Rooms 402A, B, C and 403, 403A - Starling Loving Hall

This project provides necessary cooling and ventilation for the soundproof chambers in the Audiology Clinic.

Funds will be provided from the University Hospital Rotary.

Upon motion of Mr. Davis, seconded by Mr. Rairdon, the above recommendation was unanimously approved by roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above 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 shall 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. Six Inch Gas Line to The Ohio State University Laundry

Bids were received on June 20, 1963 and the award of contract recommended to the lowest and best bidder as follows:

(3 bids received)	<u>Low Bid</u>	<u>Est. of Cost</u>
Huffman-Wolfe Company, Inc. (Cols.)	\$ 9,150.00	\$ 12,000.00

Funds for this project are provided from Budget Account 75010 (University Laundry).

July 12, 1963 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

B. Research Space - East Side of Stadium (Phase II)

Bids were received on June 12, 1963 and all bids were rejected except for the low bid on the General Contract. The other divisions were rebid and bids were received on June 28, 1963. The recommendation for award of contracts are as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (4 bids received)		
E. J. Will & Co. (Columbus)	\$ 41,557.00	\$ 54,240.00
<u>Heating, Ventilating and Air Conditioning Contract</u> (3 bids received)		
Limbach Company (Columbus)		
Base Bid	\$ 55,900.00	\$ 59,200.00
Alt. HV-2 Revision of Observation and Taping Area	260.00	500.00
Alt. HV-3 Chiller Installation	5,200.00	8,000.00
Total	<u>\$ 61,360.00</u>	<u>\$ 67,700.00</u>
<u>Plumbing Contract</u> (2 bids received)		
Bruner Corporation (Columbus)	<u>\$ 11,788.00</u>	<u>\$ 13,800.00</u>
<u>Electrical Contract</u> (3 bids received)		
Pence Electric Co. (Columbus)		
Base Bid	\$ 31,680.00	\$ 33,533.00
Alt. E-4 Lighting at 724'0" Level	475.00	500.00
Alt. E-5 Revision of Observation and Taping Areas	380.00	1,000.00
Total	<u>\$ 32,535.00</u>	<u>\$ 35,033.00</u>
TOTAL ALL CONTRACTS	<u>\$147,240.00</u>	<u>\$170,773.00</u>

Funds for this project will be provided from the University Treasurer Research Subaccount (f).

C. Repairs to Concrete Bridge Over Olentangy River

Bids were received on July 1, 1963 for this project and the award of contract recommended to the lowest and best bidder as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
(5 bids received)		
General Maintenance and Engineering Company (Columbus)	\$ 13,739.00	\$ 75,000.00

Funds will be provided from the maintenance appropriation in H. B. 711.

July 12, 1963 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

D. Exterior Painting of Eighteen Buildings

Bids were received on July 1, 1963 for this project and the award of contract recommended to the lowest and best bidder as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
(4 bids received)		
Harold F. Mollenauer (Columbus)		
Base Bid	\$ 40,876.00	\$ 46,120.00
Alt. A 152 West Woodruff Avenue	580.00	950.00
Total	<u>\$ 41,456.00</u>	<u>\$ 47,070.00</u>

Funds will be provided from the maintenance appropriation in H. B. 711 (\$36,131.00) and from the Dormitory Revenue Fund (\$5,325.00).

E. Repair and Pointing of Masonry in Thirteen Buildings

Bids were received on July 1, 1963 for this project and the award of contract recommended to the lowest and best bidder as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received)		
Charbetz Company (Columbus)	\$ 86,588.00	\$ 88,836.00

Funds will be provided from the maintenance appropriation in H. B. 711 (\$71,872.00) and from the Athletic Revenue Fund (\$14,716.00).

F. Repair Streets on Campus

Bids were received on July 1, 1963 for this project and the award of contract recommended to the lowest and best bidder as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received)		
Max J. Zeller, Inc. (Columbus)	\$ 36,648.00	\$ 40,000.00

Funds for this project will be provided from the maintenance appropriation in H. B. 711.

G. Repair and Resurface Sidewalks on Campus

Bids were received on July 1, 1963 for this project and the award of contract recommended to the lowest and best bidder as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received)		
The Floyd H. Baker Corp. (Columbus)	\$ 29,500.00	\$ 47,090.00

Funds for this project will be provided from the maintenance appropriation in H. B. 711.

VIII. REPORT OF AWARD OF CONTRACTS (continued)

H. Repairs to Roofs on Nine Buildings

(Originally presented as "Repairs to Roofs on Ten Buildings."
Since additional construction is contemplated on the Dentistry Building,
this building was removed from the specifications.)

Bids were received on July 1, 1963 for this project and the award of
contract recommended to the lowest and best bidder as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
(2 bids received)		
The George Snyder and Sons Company (Columbus)	\$ 31,600.00	\$ 39,810.00

Funds for this project will be provided from the maintenance appropriation
in H. B. 711 (\$22,138.00) and from the Dormitory Revenue Fund (\$9,462.00).

I. Repair and Replace Curbs on Campus

Bids were received on July 1, 1963 for this project and the award of
contract recommended to the lowest and best bidder as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
(2 bids received)		
American Terazzo and Cement Company (Columbus)	\$ 6,675.00	\$ 6,000.00

Funds for this project will be provided from the maintenance appropriation
in H. B. 711.

J. Interior Painting and Patch Plastering of Six Buildings

Bids were received on July 1, 1963 for this project and the award of
contract recommended to the lowest and best bidder as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
(4 bids received)		
Harold F. Mollenauer Co. (Columbus)	\$ 85,870.00	\$102,200.00

Funds for this project will be provided from the maintenance appropriation
in H. B. 711.

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

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July 12, 1963 meeting, Board of Trustees

IX. CONTROLLING BOARD APPROVALS

Each numbered approval shown below accomplishes the following purposes:

- 93 Approves the expenditure of \$9,000.00 to provide for the purchase of property located at 205 West Frambes Avenue from Account 750 Land Purchases, H.B. 1123.
- 96 Approves the award of contracts for the Heating and Ventilating work in the amount of \$186,540.00 and for the Plumbing work in the amount of \$90,640.00 notwithstanding the fact that these low bids are over the estimate of cost for the project, "Housing for Metallurgical and Mineralogy Laboratories."
- 97 Approves the transfer of \$424,859.36 from Rotary 601 to "Housing Metallurgical Laboratories," H.B. 1123, to provide funds for this project.
- 1 Approves the expenditure of \$9,370.96 for contract and miscellaneous expenses on the project "Six Inch Gas Line to the University Laundry" from Account 804, H.B. 711.

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X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Electrical Engineering Research Facilities (Caldwell Laboratory)

It is recommended that Tully & Hobbs, Architects, Columbus, Ohio, be employed to provide complete architectural and engineering services for this project, including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents, and complete supervision of construction for the above project.

The fee for this service will be calculated on a percentage basis of 6 per cent of the contract cost or an estimated fee of \$19,626.00.

Funds will be provided from the University Treasurer Research Subaccount (e), a grant from the National Science Foundation and from the Engineering Experiment Station.

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

B. University Hospital Renovations (7 Areas)

It is recommended that Louis F. Karlsberger & Associates, Architects, Columbus, Ohio, be employed to provide a feasibility study with preliminary drawings and estimate of cost for this project and contingent on acceptance and approval of the feasibility study, to provide complete architectural and engineering services including revised preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents and complete supervision of construction.

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

B. University Hospital Renovations (7 Areas) (continued)

The fee for the feasibility study will apply to the complete service if it is approved and will be \$1,800.00. The fee for the complete service will be 8 per cent of the contract cost or an estimated \$15,036.32.

Funds will be provided for this purpose from the University Hospital Rotary.

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

C. Olentangy River Improvement

It is recommended that Professional Engineers, approved by the Director of Public Works, State of Ohio, be employed to provide all surveying, drawings and services with the exception of daily on-the-job inspection for this project.

The fee for this service will be at a cost of not more than \$15,000.00.

It is further recommended that a sum not to exceed \$15,000.00 be appropriated from the University Treasurer General Fund to provide funds for these engineering services.

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

D. Janitorial Operations Study

It is recommended that E. Ralph Sims, Jr. and Associates, Lancaster, Ohio, be employed to survey and report on the janitorial operations on campus. This survey would include a review and evaluation of the organizational structure, management and administrative practices and staffing of the Janitorial Department; a study of the janitorial work load factors; preparation of a preliminary evaluation of the Janitorial Department's organization, management, work pattern, methods, state of the art and effectiveness; and preparation of recommendations concerning a general janitorial improvement program and the specific steps required to implement it.

It is further recommended that an amount not to exceed \$9,000.00 be appropriated from the University Treasurer General Fund to provide for this service.

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

E. 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 \$70,000.00 from the dividend reserve account on Group Life Insurance Policy No. 1305-G in order to make expenditures for supplemental

July 12, 1963 meeting, Board of Trustees

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

E. Withdrawal from Dividend Reserve on Group Life Insurance (continued)

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. Rairdon, seconded by Mr. Loop, the above recommendation was unanimously approved by roll call vote.

F. University North Urban Renewal Project - Land Disposition Agreement

On October 10, 1960 the Board of Trustees approved a preliminary development plan for incorporation in an application for Federal assistance in an Urban Renewal Project north of the campus. This development plan was refined by Board action on April 14, 1961 and again on May 18, 1962. On April 25, 1963 the Controlling Board of the State of Ohio released \$530,000.00 for the purchase of land within the Urban Renewal Project from the City of Columbus for residence hall construction sites.

In order to comply with certain Federal regulations, it is necessary for the City of Columbus to obtain and submit a Land Disposition Agreement in which the University agrees to purchase and develop the land. Availability of this land will expedite the University's dormitory construction program.

It is, therefore, recommended that the Secretary of the Board of Trustees request the Director of Public Works of the State of Ohio, pursuant to his statutory duties, to act in the interest of the University by executing an acceptable Land Disposition Agreement with the City of Columbus.

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

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XI. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the death of George Melville Bolling, Professor Emeritus of Classical Languages; Arthur Cleveland Lytle, Jr., Assistant Professor of Pharmacy; Homer C. Sampson, Professor Emeritus of Botany; and Walter Crothers Weidler, Dean Emeritus of the College of Commerce and Administration and Professor Emeritus of Business Organization; and, 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. George Melville Bolling

The Board of Trustees expresses its sorrow at the death on June 1, 1963 of George Melville Bolling, Professor Emeritus of Classical Languages.

July 12, 1963 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

A. George Melville Bolling (continued)

George Melville Bolling was born in Baltimore, Maryland, on April 13, 1871. He received the A. B. degree from Loyola College (Maryland) in 1891 and the Ph. D. degree from Johns Hopkins University in 1896. He was Professor of Greek and Associate Professor of Sanskrit at Catholic University, 1895-1913; a Johnston Scholar at Johns Hopkins University, 1913-14; Professor of Greek Language and Literature at The Ohio State University, 1914-1940. He was made Professor Emeritus at the time of his retirement in 1940.

Dr. Bolling was a Greek scholar, and he discovered that behind the Greek Epic lay Sanskrit. His devoted study made him one of the two or three outstanding Sanskrit scholars of this country. This distinction in turn led him to the developing study of the science of language, linguistics as it was then known. He became not merely an authority, but the editor of the journal Language.

Professor Bolling published a number of very valuable books. He was the author of numerous articles throughout his career, and they did not cease for years after his retirement.

He was absolutely uncompromising as a scholar and a person with regard to what he felt and knew to be right. To his friends he was as devoted, as loyal, and as helpful as any man could be and that is the memory that he has left behind him.

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. Arthur Cleveland Lytle, Jr.

The Board of Trustees expresses its sorrow at the death on June 21, 1963 of Arthur Cleveland Lytle, Jr., Assistant Professor of Pharmacy.

Dr. Lytle was born in Fort Mill, South Carolina, on May 18, 1928. He received his B. S. in Pharmacy from the University of South Carolina in 1952 and served as an Instructor in Pharmacy at that institution for two years prior to beginning graduate work at The Ohio State University in 1954. In 1955 he joined the staff at Ohio State as Assistant Instructor, an appointment which he held for three years. He was granted a teaching fellowship from the American Foundation for Pharmaceutical Education during the academic years 1956-57 and 1957-58. He received his Ph. D. degree from The Ohio State University in September, 1958 and was promoted to Assistant Professor. He then assumed direction of the undergraduate program and, subsequently, the graduate program in pharmacy administration.

Dr. Lytle will be remembered for his unflinching efforts to broaden and deepen the concept of pharmacy as a vigorous and important member of the health professions. He made outstanding contributions in such fields as the development and promotion of professional services, the role of the community

July 12, 1963 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

B. Arthur Cleveland Lytle, Jr. (continued)

pharmacy as a health center, prescription inventory control, and professional fee concepts in hospital and community pharmacy. Professor Lytle was particularly active in encouraging continuing education for the practicing pharmacist through local professional associations and during 1962 supervised two undergraduate research projects in this area which won Lunsford-Richardson prizes. He inaugurated a leadership training program whereby students were prepared during their pre-pharmacy and pharmacy education years for posts of responsibility in student, local, state, and national pharmaceutical organizations.

His sincerity, contagious enthusiasm, generous aid, and passionate convictions were an inspiration to all who knew him. His passing is a great loss to the pharmaceutical profession.

He was a member of the Committee on Student Chapters of the American Pharmaceutical Association, a member of Rho Chi, Kappa Psi, the Central Ohio Academy of Pharmacy, the Ohio State Pharmaceutical Association, the Central Ohio Chapter of the American Marketing Association, the Conference of Teachers of Pharmacy Administration of the American Association of Colleges of Pharmacy, and the American Pharmaceutical Association.

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.

C. Homer C. Sampson

The Board of Trustees expresses its sorrow at the death on July 2, 1963 of Homer C. Sampson, Professor Emeritus of Botany.

Dr. Sampson was born in Wheeler, Illinois, on January 21, 1885. He received the B.S. degree from the University of Chicago in 1914 and the Ph.D. degree from the same institution in 1917. His entire professional career was devoted to the service of The Ohio State University. He first came to this University as an instructor in 1917, was promoted to assistant professor in 1919, and to professor in 1922. He retired with the rank of professor emeritus in 1955.

Dr. Sampson was a man of broad interests in the general field of botanical science. He was an original thinker in both the educational and scientific aspects of his discipline and a firm protagonist of the points of view which he adopted. Although his contributions to science were not negligible, especially at the theoretical level, he was even more of an educator than a scientist. He was a dedicated and effective classroom teacher and sparked the spirit of inquiry in the minds of many students. For most of his career at Ohio State, he was in charge of the general botany courses, which under his direction and inspiration became models for similar courses in other institutions. His contributions to educational theory and practice have had a wide influence on the teaching not only of botany but also of other sciences in both this and other universities.

XI. RESOLUTIONS IN MEMORIAM (continued)

C. Homer C. Sampson (continued)

Dr. Sampson was the author or co-author of several books and also of a number of journal articles, especially in the fields of plant ecology, plant physiology, and botanical education. Forest ecology was one of his research interests, and for many years he served as a collaborator for the Central States Forest Experiment Station.

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.

D. Walter Crothers Weidler

The Board of Trustees expresses its sorrow at the death on July 6, 1963 of Walter Crothers Weidler, Dean Emeritus of the College of Commerce and Administration and Professor Emeritus of Business Organization.

Dean Weidler was born in Columbus, Ohio, on September 26, 1888. He received two degrees from The Ohio State University, the B.A. in 1913 and the M.A. in 1915. He was awarded an honorary degree, Doctor of Laws, by Bowling Green State University in 1944.

Dean Weidler's academic career began with a teaching fellowship in economics at The Ohio State University for the years 1913 to 1916. During 1916-17 he was an Austin Scholar in Economics at Harvard University. Following a two-year return to Ohio State, he served on the faculty of Tulane University as professor of merchandising in 1919-20. In 1920 he was made professor of insurance and foreign trade at Ohio State and continued his teaching responsibilities as professor of business organization in 1922 and of marketing in 1927.

His administrative duties included an assignment as acting secretary during 1918-19 and as acting dean during 1927-29, following which he assumed full administrative responsibility for the College when he was made dean in 1929. His 30-year leadership of the College from 1929 until 1959 spanned a period of phenomenal growth both in student population and eminent reputation of the College. He was given the University's Distinguished Service Award by the Board of Trustees in June 1958 in recognition of his significant contributions to the emergence of the College as one of the country's foremost collegiate schools of business.

Dean Weidler's retirement at age 70 on July 1, 1959 marked the close of a career devoted to creating a faculty of scholarly leaders in collegiate business education and to developing the College's services in adult and continuing education. In addition, his interest in and commitment to the development of research in all fields of business endeavor is evidenced by the enviable position occupied by the University's Bureau of Business Research. Through the years he assumed leadership responsibilities in national professional organizations by serving as vice president of the American Council on Education (1939), as director of the American Marketing Association (1936), and as president of the American Association of Collegiate Schools of Business (1937).

July 12, 1963 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

D. Walter Crothers Weidler (continued)

Dean Weidler was a member of Beta Gamma Sigma and Alpha Kappa Psi. He was co-author with several of his colleagues of texts in business management and marketing and contributed frequently to professional journals in business administration and economics.

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 Perkins and Radio Observatories

President Fawcett reported on the meeting of the Joint Administrative Committee of The Ohio State and Ohio Wesleyan Universities for the Perkins and Radio Observatories which was held on July 9, 1963. In summary, he stated:

The radio telescope at the Delaware, Ohio, location is now completed and in operation under the supervision of Professor John Kraus, Department of Electrical Engineering. This telescope is one of the six largest in operation in the world. Dr. Arne Slettebak, Chairman of the newly created Department of Astronomy, is responsible for the supervision of the activities of the Perkins Observatory. The 32-inch reflecting telescope and the 16-inch Schmidt telescope which were given to Perkins Observatory by the Schottland family are now in operation. These telescopes replace the 69-inch telescope which was moved to Lowell Observatory at Flagstaff, Arizona. The research faculty of Ohio State and Ohio Wesleyan report that the move of the large 69-inch telescope to the Flagstaff, Arizona, site has enhanced significantly the effectiveness of the research program in astronomy of the two universities. Plans are being developed to hold a dedicatory service for the two new installations at the Perkins and Radio Observatories sometime during the next academic year. The President reported further that The Ohio State University is an active participant in the Association of Universities for Research in Astronomy (AURA).

B. Study of Fees and Enrollment in the College of Law

In accordance with the request made by the Board at its last regular meeting, President Fawcett reported as follows on student fees and enrollment in the College of Law:

With the assistance of Associate Dean Robert Nordstrom, a study of law college fees for selected state universities was completed. The study revealed that:

XII. REPORTS (continued)

B. Study of Fees and Enrollment in the College of Law (continued)

- (1) The University of California has the lowest resident fee--\$196.50 and the non-resident fee is \$796.50. The lowest non-resident fee for those institutions included in the study is at the University of Kentucky--\$540.00.
- (2) The University of Michigan has the highest resident fee--\$480.00 and also the highest non-resident fee--\$1,100.00.
- (3) Ohio State's resident fee is \$459.00 and the non-resident fee \$954.00. Ohio State ranks next to Michigan in level of fees assessed law students.
- (4) All of the schools with two or three minor exceptions reported that they do not have a policy of waiving non-resident fees.

The President further reported as follows on the status of present and future enrollment in Ohio State's College of Law:

The Law Building was planned for an enrollment of 700 students. At the present time there are just under 400 students enrolled. By 1965 the enrollment is anticipated to be approximately 468 and by 1971 as high as 687 according to projected enrollment figures. Therefore by 1971 with an enrollment of 687 it is expected that we should have reached the capacity of the present building in just seven years from now. It should be pointed out that while there is classroom space for 700 students, more faculty offices, additional library space, and equipment will be required for this number of students. When the Law Building was constructed, a wing of seven offices and an extension of the library reading room on the fourth level balcony was delayed because of a lack of funds. At the present time the College of Law classrooms are being used by other divisions of the University when they are available.

In conclusion, President Fawcett expressed the opinion that the University's policies for assessing fees to non-resident students and the admission of students to the College of Law should not be changed at the present time.

C. Report on Student Fees at Selected Private and Public Colleges in Ohio and the Nation

President Fawcett invited Executive Dean Ronald Thompson to report the level of student fees assessed at selected institutions of higher learning as requested by the Board at its last regular meeting. Dr. Thompson distributed copies of his report which was divided into three sections as follows: fees for Big Ten Universities, fees for Ohio colleges and universities and fees for selected large private and state universities. The Chairman requested that a copy of the report be filed with the official records held by the Secretary.

July 12, 1963 meeting, Board of Trustees

XII. REPORTS (continued)

D. Report on the University's Investment Portfolio

The regular monthly report of the University's Investment Portfolio dated June 30, 1963 was received, and the Secretary was instructed to file a copy of the report with the official records of the Board of Trustees. The report included the approval by the Board of Trustees for an investment not to exceed \$150,000.00 for the expansion of the property located at 930 Kinnear Road with the provision that assurance be given for complete recovery of the funds invested by the present tenant, Cryovac, Inc.

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Thereupon the Board adjourned to meet Friday, September 13, 1963, at the Ohio Agricultural Experiment Station, Wooster, Ohio.

Attest:

John T. Mount
Secretary

Thomas F. Patton
Chairman

APPENDIX I

Degrees Conferred at

THE OHIO STATE UNIVERSITY COMMENCEMENT

August 23, 1963

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RECIPIENTS OF HONORS

KARL TERZAGHI DOCTOR OF SCIENCE

Eminent engineer, outstanding researcher, prolific contributor to the advancement of knowledge in engineering and geology, inspiring teacher whose name has become synonymous with the novel discipline he has created

Karl Terzaghi, Professor Emeritus of the practice of Civil Engineering at Harvard University, is universally acknowledged as the world's leading authority on foundation engineering and soil mechanics, a discipline with which his name will always be associated as its originator and to date its most prominent contributor. As such he has been called upon many times to render opinions and propose remedies associated with major problems of foundation behavior and failures in all parts of the world. Dr. Terzaghi, a graduate of the Technische Hochschule in Graz, Austria, with a degree in mechanical engineering, developed an early interest in geology and in engineering construction. Perceiving wide discrepancies between prediction and observed behavior, he sought to reconcile the two. Following an appointment to a position at the Imperial School of Engineers at Istanbul he commenced experimental investigations through which he succeeded in casting light upon many of the difficulties which had previously seemed insurmountable.

At his subsequent positions at Robert College in Istanbul, at Massachusetts Institute of Technology, at the Technical University in Vienna and, at Harvard University he has continued to explore and promote research into the problems associated with the behavior of earth in conjunction with engineering structures. His efforts stimulated a revolution in the concepts and methods of design and construction associated with foundations and earthwork.

Karl Terzaghi is a prolific writer who has been able, through an extraordinary perception and gift of precise statement and logical organization coupled with a sound scientific background, to cast new light on many obscure phenomena. So outstanding are his writings that they have received many honors. He is the author of several books and of scores of technical papers of great originality. It is probable that no other civil engineer has been so widely known and respected throughout the world.

THOMAS ALVIN BOYD

THE OHIO STATE UNIVERSITY DISTINGUISHED SERVICE AWARD

Noted research engineer and consultant to General Motors Research Laboratories, alumni leader, and counselor to students

Thomas Alvin Boyd, addressing classes of senior engineering students as he often does, speaks with authority when he tells them that with the proper perspective and hard work, theirs is the golden age of opportunity unlimited. He is well acquainted with hard work and the success which it may bring.

Mr. Boyd grew up on a farm in an area where there were no high schools; only with some persistence was he able to complete his secondary education. An abiding interest in things scientific led him to The Ohio State University. He was nearly thirty years old when he received the bachelor of chemical engineering degree.

It was in the laboratories of the late Charles F. Kettering that he began his climb to true engineering greatness. Collaborating in the development of anti-knock gasolines, he became a pioneer in research on fuel composition. He headed the fuel department of General Motors Research Laboratories for twenty-four years. After long service as chairman of the petroleum products committee of the American Society for Testing Materials, he became the Society's president in 1947. He maintains his strong interest in higher education and sponsors a lectureship which brings distinguished speakers to the campus. He has served as a member-director of the University's Research Foundation continuously since 1939.

HAROLD ERNEST BURTT

THE OHIO STATE UNIVERSITY DISTINGUISHED SERVICE AWARD

*Outstanding authority in psychology, devoted faculty member,
sensitive and efficient department chairman*

Harold Ernest Burtt gave forty-one years of his active and productive career to this University, its students, and its faculty. As a teacher, the best measure of his work has been the eminence which his students have achieved. Among the host of master's degree and doctoral candidates whom he counseled, many have gained national prominence as professors, chairmen, and deans at leading universities. Others have assumed positions of leadership in the government, the armed services, and in this country's industries. As an administrator, he held the chairmanship of the Department of Psychology for twenty-two years, a period in which this department enjoyed wide recognition for its outstanding program.

Professor Burtt has advanced his profession in many ways. He contributed to pioneer work on aptitude tests for employment. In addition to numerous writings for scholarly journals, he is the author of respected textbooks in applied, legal, and personnel psychology. He participated actively in the American Association for the Advancement of Science and in the American Psychological Association, serving the latter as member of its Advisory Council and as a leader in its Industrial Division. His services as a psychologist were sought in both World Wars.

As his teaching and professional careers have merited the acclaim of his students, his wide-ranging interests and participation in faculty undertakings have earned the affection of his colleagues on this campus.

DAN HARRISON EIKENBERRY
THE OHIO STATE UNIVERSITY DISTINGUISHED SERVICE AWARD
*Nationally recognized leader in the field of education,
able and effective administrator*

Dan Harrison Eikenberry has been responsible for the improvement of educational programs in many parts of this nation. His great energy and his deep concern for high standards, for thoroughness, for accuracy, and for the development and use of basic criteria in attacking problems of education have been balanced by his wisdom in human relations. These qualities, expressed through his professional contacts with thousands of teachers and educational administrators, have made his influence widely felt.

He has given much of his time and energy to extensive service beyond his classroom teaching. He has counseled several state departments of education. He was a member of the Commission on Secondary Schools of the North Central Association of Colleges and Secondary Schools and chairman of the Ohio State Committee of that important accrediting association. He led a survey of Chicago high schools and was chairman of the Ohio Committee on Co-operative Secondary School Standards. He headed the Department of Education at this University from 1942 to 1948, a period of rapid development.

For many years Professor Eikenberry has been a national leader in exploring the needs and possibilities for education beyond the high school. Reports of his studies and those of his students on this subject are now used throughout the country by educators in creating post-high school programs to care for the nation's expanding educational needs.

FORREST GUY KETNER

THE OHIO STATE UNIVERSITY DISTINGUISHED SERVICE AWARD

*Nationally recognized leader in the field of livestock management
and dedicated trustee of The Ohio State University*

Forrest Guy Ketner never settled for the status quo. Throughout his long career as an agricultural leader of national stature and his fourteen years of devoted service as a trustee of The Ohio State University, improvement was his watchword. The results he achieved and the contributions he made have earned for him a place among the eminent citizens of Ohio.

As a trustee, and twice chairman of the Board, he contributed a depth of experience and a fundamental sensitivity which made him a constructive participant in the policy development of this institution. He supported an aggressive program for the advancement of the total University and lent special leadership to the research and instructional efforts of the College of Agriculture and Home Economics and the Ohio Agricultural Experiment Station. The University's Swine Evaluation Station, in which he demonstrated a strong personal interest, has become a model which other states have followed. He is a past president of the Association of Governing Boards of State Universities and Allied Institutions, in which organization he effectively served higher education of the state and nation for twelve years. Many more examples might be cited to document the fact that the students, faculty, and staff in all the disciplines encompassed by this University have been benefited greatly by the work of Forrest G. Ketner.

SAMUEL RENSHAW
THE OHIO STATE UNIVERSITY DISTINGUISHED SERVICE AWARD
*Contributor to man's knowledge of visual perception,
professor emeritus of experimental psychology*

Samuel Renshaw combines a rare degree the qualities of the expert teacher with those of the dedicated scientist. During his thirty-seven years as an active member of the University faculty, he transmitted to his students the excitement of bold but painstaking inquiry into the problems of experimental psychology. Although he earned widespread acclaim for his research accomplishments in visual perception, he sacrificed none of the devotion of the master teacher. These qualities were given recognition when he was chosen in 1962 to receive one of the Alumni Awards for Distinguished Teaching.

In 1942 Professor Renshaw's experimental work led to establishment of a Navy Recognition School on the campus. The training of servicemen in that school in the quick identification of approaching ships and aircraft was credited with the saving of many lives in World War II. For this contribution he holds the Navy's highest civilian honor, the Distinguished Public Service Award. Another application of his work has been the improvement of reading skills of students. His talents have led also to the design and development of a variety of scientific instruments and equipment.

Long a leader in professional affairs in his field, he was a founder and first secretary-treasurer of the Midwestern Psychological Association and initiated the annual Invitation Research Conference in Vision, which later was named in his honor.

GRADUATE SCHOOL

Dean: EVERETT WALTERS

Doctor of Philosophy

- Joseph G. Agnello, B.S., M.A. (Western Michigan University) Detroit, Mich.
Dissertation: A Study of Intra- and Inter-phrasal Pauses and Their Relationship to the Rate of Speech
Field of Specialization: Speech
- Paul Howard Aldenderfer, B.S. (Mount Union College); M.Sc.... Columbus
Dissertation: Histopathology of an Autoimmune Disease in Rabbits Injected with Ribosomes and Antiribosome Serum
Field of Specialization: Microbiology
- Mangalath Philip Alexander, B.Sc. (University of Delhi) Coimbatore, India
Dissertation: Investigations on the Microgametophyte Lethal-simulating x Locus in Lycopersicon esculentum Mill. and L. pimpinellifolium Mill.
Field of Specialization: Botany and Plant Pathology
- George Lee Almond, B.Sc. in Bus. Adm., M.A..... Cincinnati
Dissertation: Developments in Warehousing with Emphasis upon Advances since World War II
Field of Specialization: Business Organization
- Malthon Milton Anapol, B.S. in Ed. (Rutgers University); A.M. (Temple University)..... Haddonfield, N. J.
Dissertation: A Study of Minority Group Communication Behavior
Field of Specialization: Speech
- Phyllis Margaret Arscott, B.Sc. in Edu., M.A..... Columbus
Dissertation: The Blood Flow to Bone Marrow and Other Organs Following Varying Periods of Intermittent Hypoxia in the Rat
Field of Specialization: Physiology
- James Louis Barth, A.B. (Denison University); B.Sc. in Edu., M.A. Brecksville
Dissertation: Great Issues: Bases for Organizing Social Studies
Field of Specialization: Education
- Christopher Ernest Barthel III, B.S. in Bus. Admin. (Northwestern University); M.A..... Alexandria, Va.
Dissertation: The Effects of the Approval Motive, Generalized Expectancy, and Situational Cues upon Goal-Setting and Social Defensiveness
Field of Specialization: Psychology
- Jack Behar, A.B. (Western Reserve University); M.A. (Columbia University) Reno, Nev.
Dissertation: James Agee: The World of His Work
Field of Specialization: English
- Johanna Eleonore Behrendt, B.S. (Columbia University); M.A. Boston, Mass.
Dissertation: Die Einheit von Elisabeth Langgässers Weltbind in der Märkischen Argonautenfahrt
Field of Specialization: German
- William Carl Berman, B.A. M.A..... Youngstown
Dissertation: The Politics of Civil Rights in the Truman Administration
Field of Specialization: History

- Robert Ben Boley, B.S. (Sam Houston State Teachers College) ; M.S.
 (Agricultural and Mechanical College of Texas) Conroe, Tex.
*Dissertation: Sulfur Oxidation by a Thiobacillus Species Isolated from
 Acid Mine Water*
Field of Specialization: Microbiology
- David Gilbert Born, B.S., B.B.A., B.A., M.A. (Western Michigan
 University) Kalamazoo, Mich.
*Dissertation: Discrimination Learning as a Function of the Number of
 Relevant Cues and Subsequent Utilization of Those Cues
 in a Complex Environment*
Field of Specialization: Psychology
- Samuel Stransham Brodbelt, B.A., M.Edu. Columbus
*Dissertation: Existing Patterns and Projected Trends in Social Studies
 Teacher-Education as Seen by Professors Engaged in
 This Field*
Field of Specialization: Education
- Lester Benjamin Brown, B.S. (Southern University) ; M.Ed.
 (Louisiana State University) Houma, La.
*Dissertation: Motivation Practices in University General Education
 Chemistry Courses*
Field of Specialization: Education
- Robert Buckhout, B.S. (Queens College) ; M.S. (North Carolina
 State College of Agriculture and Engineering)
 Springfield Gardens, N. Y.
Dissertation: Verbal Reinforcement and Verbal Behavior
Field of Specialization: Psychology
- Robert Barker Burrows, B.A. (College of Puget Sound) ; M.A.
 (University of Washington) Morgantown, W. Va.
*Dissertation: The Use of Radio, Television, and Other Communication
 Media by Children in Monongalia and Preston Counties,
 West Virginia*
Field of Specialization: Speech
- Parker Emerson Calkin, B.S. (Tufts College) ; M.Sc. (University of
 British Columbia) Atlanta, Ga.
*Dissertation: Geomorphology and Glacial Geology of the Victoria
 Valley System, Southern Victoria Land, Antarctica*
Field of Specialization: Geology
- William Nelson Cannon, Jr., B.S., M.S. (University of Delaware)
 Wilmington, Del.
*Dissertation: Survival of European Corn Borer Larvae, Ostrinia nubi-
 lalis (Hubn.), on a Susceptible and a Resistant Corn
 Hybrid Supplied with Different Amounts of Phosphorus*
Field of Specialization: Entomology
- Marvin Clarence Carbonneau, B.S., M.S. (University of Illinois)
 Chicago, Ill.
*Dissertation: An Anatomical Study of the Effect of Light Duration and
 Quality on the Initiation and Early Development of the
 Capitulum in Chrysanthemum morifolium Variety Jewell*
Field of Specialization: Horticulture
- James Harry Carlson, B.S. (Fenn College) ; M.Sc. Cleveland
*Dissertation: Genetic and Environmental Sources of Variability with
 Reference to a Mutant Venation Phenotype in Drosophila
 melanogaster*
Field of Specialization: Zoology

- Robert Francis Carpenter, B.S. in Physics (Union College); M.Sc.
Schenectady, N. Y.
Dissertation: A Computation of the Force Constants of Thiophene
Field of Specialization: Physics
- Chungsoo J Cho, B.Sc., M.A. Seoul, Korea
*Dissertation: Quantitative Analyses of Factors Involved in Sensori-
motor Performances*
Field of Specialization: Psychology
- Jaswant Singh Chohan, B.Sc. (Agr.) (University of the Panjab);
M.Sc. (Agr.) (Panjab University) Ludhiana, Punjab, India
*Dissertation: Development, Inhibition, and Variability of Tobacco Ring-
spot Virus-Soybean Bud-blight Strain*
Field of Specialization: Botany and Plant Pathology
- Frank Winslow Chorpensing, A.B. (Marietta College); M.Sc. Marietta
*Dissertation: Chemical and Antigenic Properties of an Erythrocyte
Modifying Factor Isolated from Species of the Genus
Bacillus*
Field of Specialization: Microbiology
- Jack Adam Collins, B.M.E., M.Sc. Plain City
*Dissertation: A Study of the Phenomenon of Fretting-Fatigue with
Emphasis on Stress-field Effects*
Field of Specialization: Mechanical Engineering
- Alan Peery Cottrell, B.Sc. in Edu.; M.A. (University of Wisconsin)
Worthington
Dissertation: Wilhelm Müllers Lyrische Liederzyklen
Field of Specialization: German
- Thomas Jacob Craft, B.S. Edu. (Central State College); M.A. (Kent State
University) Wilberforce
*Dissertation: Some Effects of X-Irradiation on the Utilization of
C¹⁴-Labelled L-Tyrosine and Melanin Production in Rana
pipiens Tadpoles*
Field of Specialization: Zoology
- Raymond Charles Dethy, B.Sc. in Edu., M.A. Columbus
*Dissertation: Relationships between Educational Program Character-
istics and Expenditure Level, Size, and Kind of School
Districts in Ohio*
Field of Specialization: Education
- John Armand Eberwein, B.S., M.S. (University of Vermont)
Pittsfield, Mass.
*Dissertation: The Chemistry of Substituted 4-Methyl-4-trichloromethyl-
2,5-cyclohexadienones*
Field of Specialization: Chemistry
- Jay Steven Efran, B.A., M.S. in Edu. (City College, New York)
New York, N. Y.
*Dissertation: Some Personality Determinants of Memory for Success
and Failure*
Field of Specialization: Psychology
- Esmat Tewfik El-Ashwah, B.Sc., M.Sc. (Cairo University) Cairo, Egypt
*Dissertation: Effect of Detergents on the Growth and Thermal Resist-
ance of Bacillus thermoacidurans*
Field of Specialization: Horticulture
- El Saied El Ahmady El Shishtawy, B.Sc. (Cairo Universtiy); M.Sc.
Tanta, Egypt
*Dissertation: Statistical Analysis of the Interrelationships of Major
Factors Reported by 51 Ohio Agricultural Cooperative
Managers*
Field of Specialization: Agricultural Economics and Rural Sociology

- James Russell Ewers, B.A. (College of Wooster) ; M.Ed. (Ohio University) Bellville
Dissertation: Proficiency Examinations in Physical Education for Men at The Ohio State University
Field of Specialization: Physical Education
- Hans Joachim Fabian, A.B., M.A., M.S.(L.S.) (Syracuse University) Columbus
Dissertation: Georg Kaiser's Pygmalion in the Light of Goethe's Tasso
Field of Specialization: German
- Evan Jerome Felty, B.A. (Bowling Green State University) Columbus
Dissertation: Interatomic Distances and Amplitudes of Vibration in Calcite Type Crystals
Field of Specialization: Chemistry
- Charles Anthony Ferguson, A.B. (Oberlin College) ; M.A. Hudson
Dissertation: Diderot's Contes in Dialogue Form
Field of Specialization: Romance Languages (French)
- Cletus Graydon Fisher, B.S. in Ed. (Kent State University) ; M.A. (State University of Iowa) Canton
Dissertation: Confusions within Six Types of Phonemes in an Oral-visual System of Communication
Field of Specialization: Speech
- Milton Edward Foreman, B.A. (Albright College) ; M.A. West Lawn, Pa.
Dissertation: Some Empirical Correlates of Positive Mental Health
Field of Specialization: Psychology
- Arnold Kenneth Fowler, B.S. in Agric. (University of New Hampshire) ; M.S. (University of Connecticut) Durham, N. H.
Dissertation: Variations in Compatibility of Bovine Erythrocyte Antigens and Certain Measures of Fertility
Field of Specialization: Dairy Science
- Paul Harold Freytag, B.S. (University of Wyoming) ; M.Sc. Laramie, Wyo.
Dissertation: A Revision of the Nearctic Species of the Genus Idiocerus (Homoptera, Cicadellidae, Idiocerinae)
Field of Specialization: Entomology
- Bikramjit Singh Garcha, B.A., M.A. (Panjab University) Ludhiana, Punjab, India
Dissertation: Demand and Prices for Ohio Greenhouse Tomatoes and Projection of Prices to 1975
Field of Specialization: Agricultural Economics and Rural Sociology
- Gurbakhsh Singh Gill, B.Sc. (Agr.) (Panjab University) ; M.Sc. (Agr.) (East Panjab University) Ludhiana, Punjab, India
Dissertation: An Investigation of Some Cultural Aspects of Soybeans
Field of Specialization: Agronomy
- James C. Hansen, A.B., M.A. in Ed. (Nebraska State Teachers College at Kearney) Kearney, Nebr.
Dissertation: Relevance of the Supervisory Relationship to Counselor Trainee's Level of Experiencing and Self-Awareness
Field of Specialization: Education
- Gordon Adair Harshman, B.A., M.Ed. (University of Colorado) Pueblo, Colo.
Dissertation: Group Counseling in a Neuropsychiatric Hospital in Continued-treatment and Extended-privilege Settings
Field of Specialization: Psychology

- Walter Jennings Haubach, Jr., B.Sc., M.Sc. Dayton
*Dissertation: Separation of the Isotopes and Spin Isomers of the
Molecular Hydrogens by Preferential Adsorption at Low
Temperatures*
Field of Specialization: Chemistry
- John Patrick Henry, Jr., B.S.Ch.E. (Gonzaga University); M.S.
(Northwestern University) Nampa, Idaho
Dissertation: Steady-state Counter-Diffusion of Gases in Porous Solids
Field of Specialization: Chemical Engineering
- Harold Walter William Homann, B.S. (Lawrence College); M.A.
(Western Michigan University) Rockford, Ill.
*Dissertation: Experimentally Induced Blockage of a Sustained Vowel
by Nonlinear Distortion of Sidetone*
Field of Specialization: Speech
- Kimball Lewis Howes, B.S. in Ed. (Western Illinois State Teachers
College); M.A. in Ed. (Western Reserve University)
Greenwich, Conn.
*Dissertation: A History of the Ohio Association of Secondary School
Principals*
Field of Specialization: Education
- Donald Claude Huffman, B.S. in Agr., M.S. (University of Missouri)
Winston, Mo.
*Dissertation: A Technique for Classifying Farm Managers According
to Managerial Ability*
Field of Specialization: Agricultural Economics and Rural Sociology
- Glenn L. Immegart, B.S. in Music Ed., M.Ed. (University of Cincinnati)
Cincinnati
*Dissertation: Assessment of Organizational Power in an Administra-
tive Performance System*
Field of Specialization: Education
- Thomas Casey Irvin, B.A. Columbus
*Dissertation: Norman H. Davis and the Quest for Arms Control,
1931-1938*
Field of Specialization: History
- Richard Lawson Jackson, B.A. (Knoxville College); M.A., Knoxville, Tenn.
*Dissertation: The Greguería of Ramón Gómez de la Serna: A Study of
the Genesis, Composition, and Significance of a New
Literary Genre*
Field of Specialization: Romance Languages (Spanish)
- Charles Lyle Jennings, B.S. Ed., M.A. (University of Nebraska)
San Antonio, Tex.
Dissertation: Personal Construct Theory and the Creativity Cycle
Field of Specialization: Psychology
- Norman Joseph Johnson, Jr., B.A. (Duquesne University); M.A.
Youngstown
Dissertation: Toward a Taxonomy of Organizations
Field of Specialization: Sociology
- John Maxwell Jordan, B.S. (Central State College) Bessemer, Ala.
*Dissertation: Studies on Metabolism in Penicillium charlesii: Some
Relationships between Dicarboxylic Acid Metabolism and
Production of Galactocarolose*
Field of Specialization: Agricultural Biochemistry
- Hyun Chang Kim, B.Sc. (Seoul National University); M.Sc. . . . Seoul, Korea
Dissertation: Deuteron Induced Reactions of Oxygen 16
Field of Specialization: Physics

- Young Whe Koo, B.B.A. (University of Georgia); M.S. in Com.
 (University of Alabama).....Seoul, Korea
Dissertation: An Analysis of Selected Factors Influencing Labor Efficiency in Supermarkets
Field of Specialization: Agricultural Economics and Rural Sociology
- Gordon William Ladwig, B.A. (Beloit College); M.A.....Beloit, Wis.
Dissertation: Personal, Situational and Social Determinants of Preference for Delayed Reinforcement
Field of Specialization: Psychology
- John Edward Lane, B.S. (University of Maryland); M.Sc.
 Washington, D. C.
Dissertation: The Development of the Oesophageal Diverticula in the Yellow Fever Mosquito, Aedes aegypti (L.) (Diptera: Culicidae)
Field of Specialization: Entomology
- Robert James Laughter, B.S. (Oregon State College); M.A.....Reno, Nev.
Dissertation: Socio-psychological Aspects of the Development of Athletic Practices and Sports Ethics
Field of Specialization: Physical Education
- Herbert Michael Lefcourt, A.B. (Antioch College); M.A....Brooklyn, N. Y.
Dissertation: Some Empirical Correlates of Negro Identity
Field of Specialization: Psychology
- Patricia Ann Lengel, B.A. (College of Wooster); M.Sc....North Ridgeville
Dissertation: A Biosystematic Study of Silphium integrifolium Michx., S. speciosum Nutt., and S. asperrimum Hook.
Field of Specialization: Botany and Plant Pathology
- Shen Lin, B.Sc. (University of the Philippines); M.A.....Columbus
Dissertation: Computer Studies of Turing Machine Problems
Field of Specialization: Mathematics
- William Elsam Lucke, B.Sc. (University of Nebraska).....Omaha, Nebr.
Dissertation: The Action of Alkaline Hypochlorite on the Methyl β -Celloöligosides
Field of Specialization: Chemistry
- Virgil Joseph Lunardini, Jr., B.S.M.E. (University of Notre Dame);
 M.Sc.Chicopee, Mass.
Dissertation: An Experimental Study of the Effect of a Horizontal Magnetic Field on the Nucleate Pool Boiling of Water and Mercury with .02% Mg and .0001% Ti
Field of Specialization: Mechanical Engineering
- Arthur Chester Madry, B.S. (Florida Agricultural and Mechanical University); M.A.....Jacksonville, Fla.
Dissertation: The Functions and Training Needs of Adult Education Directors in Public School Systems
Field of Specialization: Education
- Bruce Wilbur Marion, B.S., M.S. (Cornell University).....Ithaca, N. Y.
Dissertation: Labor Utilization and Scheduling in Four Ohio Meat Departments
Field of Specialization: Agricultural Economics and Rural Sociology
- James Harold Martin, B.S. in Agric. (University of Tennessee); M.Sc.
 Collinwood, Tenn.
Dissertation: The Role of Amino Acids in the Germination of Bacillus licheniformis Spores
Field of Specialization: Dairy Technology

- George Mehallis, B.Sc. in Edu., M.A. Coral Gables, Fla.
Dissertation: Industrial Arts Teacher Perception of the Merit Award Program for Youth
Field of Specialization: Education
- Roger Walker Meola, B.Sc. in Agr., M.Sc. Cleveland Heights
Dissertation: Factors Influencing Embryonic Longevity in Aedes aegypti (L.)
Field of Specialization: Entomology
- Syed Fazal Mohammad, B.Sc., M.Sc. (Muslim University) . . . Aligarh, India
Dissertation: Some Relationships between Driving Point Pressure and Changes in Electrical Impedance of the Dog's Thigh
Field of Specialization: Physiology
- Alan Keith Moyer, B.S. (Bluffton College); M.A. Mt. Cory
Dissertation: Conformance of Ohio Elementary School Libraries to Regulations and Standards
Field of Specialization: Education
- Ann Elizabeth Nolte, B.S. in P.E. (George Washington University);
 M.S. (University of Wisconsin) Alexandria, Va.
Dissertation: An Historical Study of the Joint Committee on Health Problems in Education of the National Education Association and the American Medical Association
Field of Specialization: Physical Education (Health Education)
- Elaine Adams Novak, A.B. (Marshall University); A.M. (Columbia University) Huntington, W. Va.
Dissertation: The Production of an Amateur Musical Revue
Field of Specialization: Speech
- Herbert Orville Now, A.B. (Findlay College); A.M. (Miami University)
Findlay
Dissertation: The Effect of Various Factors on Faculty Work Load at Findlay and Adrian Colleges
Field of Specialization: Education
- April Welsh O'Connell, B.A. (Beaver College); B.Sc. in Edu., M.A.
Columbus
Dissertation: Sensori-perceptual Differences between Academically and Non-academically Retarded Children
Field of Specialization: Psychology
- James Carlross O'Hara, B.S. in Ae.E. (University of Texas); M.Sc.
Princeton, Ky.
Dissertation: The Effect of a Radial Electric Field on the Flow of a Non-conducting Gas in a Circular Duct
Field of Specialization: Mechanical Engineering
- Bruce Michael Otto, B.S. (Carroll College) Tomah, Wis.
Dissertation: The Synthesis of Some Isomeric Polyalkylcycloparaffins
Field of Specialization: Chemistry
- Tet Chong Pang, B.S. (University of Illinois); M.Sc.
Jesselton, British North Borneo
Dissertation: Application of the Shockley-Read Recombination Statistics to the Study of the P⁺NN⁻ Diode
Field of Specialization: Electrical Engineering
- Roy James Pearcy, B.A. (Hons.) (University of London) Columbus
Dissertation: Humor in the Fables
Field of Specialization: English

- Roberta Stokes Persick, B.S. in Ed. (Southeast Missouri State Teachers College); A.M. (University of Missouri); M.F.A. (Alfred University)St. Louis, Mo.
Dissertation: Arthur Eugene Baggs, American Potter
Field of Specialization: Art
- Donald Miles Poduska, A.B. (Loyola University); M.A. (University of Kentucky)Columbus
Dissertation: Synonymous Verbs of Motion in Plautus
Field of Specialization: Classical Languages (Latin)
- Henry Ponder, B.S. in Agr. (Langston University); M.S. (Oklahoma Agricultural and Mechanical University)Wawoka, Okla.
Dissertation: A Comparative Analysis of Selected Store Activities for Four Supermarkets, Columbus, Ohio
Field of Specialization: Agricultural Economics and Rural Sociology
- Harry Raymond Potter, B.S. (Iowa State University of Science and Technology); M.Sc.Marion, Ia.
Dissertation: Disabled Workers' Conception of Their Work Limitations and Vocational Potential
Field of Specialization: Agricultural Economics and Rural Sociology
- Robert Pruitt, B.S. in Ed. (Southwest Missouri State College); A.M. (University of Missouri)Springfield, Mo.
Dissertation: The Mathematics Preparation of Select Secondary School Teachers of Mathematics in Ohio Public Schools, 1961-1962
Field of Specialization: Education
- Hal Reed Ramer, B.S. (George Peabody College for Teachers); M.S. in S.W. (University of Tennessee)Columbus
Dissertation: Perceptions of University Departments and of the Role of Their Chairmen
Field of Specialization: Education
- Horace Wilmer Ray, B.S. (Pennsylvania State University); M.A.Columbus
Dissertation: The Application of Dynamic Programming to the Study of Multi-stage Decision Processes in the Individual
Field of Specialization: Psychology
- Richard Schell Ray, B.A., D.V.M., M.Sc.Hicksville
Dissertation: Some of the Metabolic Aspects of Experimentally Induced Ovine Ketosis
Field of Specialization: Veterinary Physiology and Pharmacology
- John William Rettig, A.B., M.A. (Xavier University)Cincinnati
Dissertation: The Latinity of Martin of Braga
Field of Specialization: Classical Languages (Latin)
- James Gordon Root, B.I.E., M.Sc.Columbus
Dissertation: Scheduling with Deadlines and Loss Functions and the Optimal Selection of Resources to Perform Tasks
Field of Specialization: Industrial Engineering
- Donald John Schaefer, A.B. (San Jose State College); M.A.Phoenix, Ariz.
Dissertation: On Significant Multiplicity and Approximate Tangential Properties of Continuous Transformations
Field of Specialization: Mathematics
- Bernhard Max Schmidt, B.E.E. (University of Dayton); M.Sc.Dayton
Dissertation: Magneto-optic Modulation of a Light Beam
Field of Specialization: Physics

- Rosario Rio Sciortino, B.S. (City College, New York) ; M.A.
(Fordham University).....New York, N. Y.
Dissertation: Personality and Creative Abilities
Field of Specialization: Psychology
- Ahmed Bahieldine Shahine, B.Sc. Agr., M.Sc. Agr. (Cairo University)
Cairo, Egypt
*Dissertation: Effect of Potassium Sorbate and Vitamin K-5 on Apple
Juice Inoculated with Yeasts of Saccharomyces Genus*
Field of Specialization: Horticulture
- Charles Lawrence Sheridan, Jr., B.A., M.A.....Columbus
*Dissertation: The Interocular Transfer of Brightness and Pattern Dis-
criminations in the Normal and Corpus Callosum-sec-
tioned Rat*
Field of Specialization: Psychology
- Jerry Nicholas Shinkle, B.M.E., M.Sc.....Batavia
Dissertation: Characteristics of Liquid Hydrostatic Bearings
Field of Specialization: Mechanical Engineering
- Kenesaw Sloan Shumate, B.S.C.E. (Case Institute of Technology) ; M.Sc.
Jackson
*Dissertation: Physical and Biological Effects of Copper on the Acti-
vated Sludge Process*
Field of Specialization: Civil Engineering
- Margaret Jane Smith, B.S., M.A. (University of Akron).....Akron
*Dissertation: Investigation of Moderator Variables Relative to the
Factor Analytic Model*
Field of Specialization: Psychology
- Robert Rutherford Smith, B.A. (University of Buffalo) ; M.A.
Buffalo, N. Y.
*Dissertation: The Wartime Radio News Commentaries of Raymond
Swing, 1939-1945*
Field of Specialization: Speech
- David Horton Staley, A.B. (Oberlin College) ; M.S. (Ohio University)
Columbus
*Dissertation: Commutativity of Operators in a Topological Space with
Applications*
Field of Specialization: Mathematics
- Dewey Henry Stollar, B.Sc. in Agr.; M.Ed. (Ohio University)....Fleming
*Dissertation: Selected Factors Affecting Marketability of Ohio School
Bonds*
Field of Specialization: Education
- Robert Merrill Strimer, A.B. (Thiel College) ; M.S. (University of
Wisconsin)Delaware
*Dissertation: The Interrelation of Success or Failure in Athletics and
Certain Dynamics of Growth and Development in Selec-
ted Colleges and Universities in the State of Ohio*
Field of Specialization: Physical Education
- Armelda Harris Swearingen, B.A., M.A.....Moberly, Mo.
*Dissertation: Correlates of Non-conforming Behavior of Domiciled
Veterans*
Field of Specialization: Psychology
- Harry Kiyoshi Tayama, B.S. (Flor.), M.S. (University of Illinois)
Chicago, Ill.
*Dissertation: Relationship of Plant Age, Leaf Dry Weight/Total Dry
Weight Ratio, Net Assimilation Rate, and Carbohydrate
Content to Optimum Growing Temperature of the Snap-
dragon*
Field of Specialization: Horticulture

- Ernest Peter Todosiev, B.S.E.E. (Queens University) ; M.A.Sc.
(University of Toronto) Wainfleet, Ont., Canada
Dissertation: The Action Point Model of the Driver-vehicle System
Field of Specialization: Electrical Engineering
- Elwood Dean Traylor, B.E., M.S. (Vanderbilt University) . Madison, Tenn.
*Dissertation: The Mass Transfer of Single, Solid Uranium Spheres to
Flowing Molten Cadmium in Laminar and Turbulent
Flow*
Field of Specialization: Chemical Engineering
- Charles Otto Tucker, B.S. (Southern Illinois University) ; M.A.
(University of Oklahoma) Peoria, Ill.
*Dissertation: An Application of Programmed Learning to Informative
Speech*
Field of Specialization: Speech
- Edward James Wagner II, B.A., M.A. Cincinnati
Dissertation: State-federal Relations during the War of 1812
Field of Specialization: History
- James Harold Weber, B.S. (Marquette University) Madison, Wis.
*Dissertation: The Magnetic and Spectral Properties of Metal Tetra-
sulfophthalocyanine Complexes*
Field of Specialization: Chemistry
- Stanley Jerome Weiss, A.B. (City College, New York) ; M.A.
New York, N. Y.
*Dissertation: The Summation of Response Strengths Instrumentally
Conditioned to Stimuli along Different Sensory Modalities*
Field of Specialization: Psychology
- James Ray Wells, B.S. in Edu., M.S. (University of Tennessee)
Miamisburg
Dissertation: Taxonomic Studies of the Genus Polymnia L.
Field of Specialization: Botany and Plant Pathology
- Jan Charles West, B.S. (Mount Union College) ; M.Sc. Alliance
*Dissertation: The Influence of Past History upon the Nonlinear
Passive Tensions Developed in Sinusoidally Extended
Frog Skeletal Muscle*
Field of Specialization: Physiology
- Russell Raymond Williams, B.Sc., M.Sc. Gambier
*Dissertation: Life History Studies on Four Digenetic Trematodes That
Utilize Lymnaea (Stagnicola) Reflexa (Say) as Their
First Intermediate Host in a Temporary Pond Habitat*
Field of Specialization: Zoology
- Carl Hess Wolgemuth, B.S. (Pennsylvania State University) ; M.Sc.
Bareville, Pa.
*Dissertation: The Use of a Chemically Reactive Gas in a Closed
Stirling Cycle*
Field of Specialization: Mechanical Engineering
- Cheng-Yu Yao, B.Sc. (National Chi-Nan University) ; M.Sc.
Shanghai, China
*Dissertation: Kinetics and Mechanism of Reaction of Halides with
Lithium*
Field of Specialization: Chemistry
- L. Ward Youry, B.S. (Central Michigan University) ; M.F.A. (Claremont
Graduate School, California) Long Beach, Calif.
*Dissertation: A Synthesis in the Decorative Use of Texture: A Pre-
sentation of Ceramic Pieces*
Field of Specialization: Art

(One hundred and seventeen candidates)

Certificate of Specialist in Educational Administration

Roy Woodrow Klay, B.S. in Edu. (Ohio University) ; M.A...McConnelsville
(One candidate)

Master of Arts

- Jack Rhodes Adams-Webber, B.A. (Haverford College)Middletown
Field of Specialization: Psychology
- Joyce Elaine Allen, A.B. (Wittenberg University)Springfield
Field of Specialization: History
- Kathryn Ramona Allen, B.A. (University of Maine)Southboro, Mass.
Field of Specialization: Psychology
- Oris Carter Amos, A.B. (Virginia State College)Columbus
Field of Specialization: Education
- Stanley Bahorek, Jr., B.Sc. in Edu.....Flushing
Field of Specialization: Education
- Roger Lorin Baker, B.A. (Ohio Wesleyan University)Bellville
Field of Specialization: Education
- Alan Lee Baldwin, A.B., LL.B. (Stanford University) .Redwood City, Calif.
Field of Specialization: Education
- Howard S. Banchevsky, B.S. in Ed. (City College, New York)Columbus
Field of Specialization: Physical Education
- William Bartha, B.Edu. (University of Toledo)Toledo
Field of Specialization: History
- Lewis Andrew Bettinger, Jr., B.Sc.....Canton
Field of Specialization: Psychology
- Douglas MacArthur Bloomfield, B.A.....Columbus
Field of Specialization: Journalism
- Ronald Lee Boswell, B.A. (Arkansas Polytechnic Institute)
Russellville, Ark.
Field of Specialization: Music
- Ruth Elizabeth Bowers, B.S.Mus. (Capital University)Laurelville
Field of Specialization: Education
- Richard John Boyd, B.Sc. in Edu.....Columbus
Field of Specialization: Education
- John Franklin Brandt, B.Sc. in Edu.....Camden
Field of Specialization: Physical Education
- Joseph Jay Braun, B.A. (University of Oregon)Skagway, Alaska
Field of Specialization: Psychology
- Frederick James Bremer, B.S. in Edu. (Wittenberg University)Lima
Field of Specialization: Education
- Royalene Bailey Brizendine, B.A. (Marshall University)
Stanaford, W. Va.
Field of Specialization: Education
- Ruth Ann Brooks, B.Sc. in Edu.....Kingston
Field of Specialization: Education

- Kenneth Albert Brunoehler, B.S. (Aurora College)** **Aurora, Ill.**
Field of Specialization: Education
- Genevieve Alvina Agatha Brusok, B.A. (University of Wisconsin)** **Columbus**
Field of Specialization: Education
- James Lee Burke, B.S. in Edu. (Capital University)** **Worthington**
Field of Specialization: History
- Suzanne Shute Burkholder, B.Sc. in Edu.** **Eaton**
Field of Specialization: Education
- Clare Maureen Callahan, B.S. in Edu. (University of Dayton)** **Dayton**
Field of Specialization: Music
- Perry Dean Campbell, B.S.E. (Henderson State Teachers College)** **Horatio, Ark.**
Field of Specialization: Education
- Michael Raymond Capozziello, B.Sc. in Edu.** **Wapakoneta**
Field of Specialization: Education
- Jo Ann Cowan Cartano, B.A. (Buena Vista College)** **Columbus**
Field of Specialization: Education
- Barbara Lynne Carter, B.A. (Western Maryland University)** **Allen Park, Mich.**
Field of Specialization: Classical Languages (Latin)
- Patricia Kirk Caston, B.Sc. in Edu.** **Columbus**
Field of Specialization: Education
- Ralph Peter Cebulla, A.B. (San Jose State College)** **Palo Alto, Calif.**
Field of Specialization: Psychology
- Dorothy Bell Childers, B.Sc. in Edu.** **Westerville**
Field of Specialization: Education
- Irvine Chotlos, A.B. (Marietta College)** **Granville**
Field of Specialization: Education
- Larry Herman Christman, A.B. (Bluffton College)** **Galion**
Field of Specialization: History
- Elaine Kay Clatterbuck, B.A. (University of Wyoming)** **Cheyenne, Wyo.**
Field of Specialization: Psychology
- Myron Coy Cline, B.Sc. in Edu.** **Ada**
Field of Specialization: Education
- Lawrence Eugene Cominsky, B.Sc. in Edu.** **Northfield**
Field of Specialization: Education
- Paul Eugene Conner, B.Sc. in Edu.** **Woodsfield**
Field of Specialization: Education
- Robert William Corll, B.Sc. in Edu.** **Canfield**
Field of Specialization: Physical Education
- Leonard Vincent Costantini, B.A. (University of Notre Dame)** **Hopedale**
Field of Specialization: Education
- John Franklin Counts, B.Sc. in Phar., B.Sc. in Edu.** **Cincinnati**
Field of Specialization: Physical Education

- Joan Louise Frankenberger Crawford, B.Sc. in Edu.....Columbus
Field of Specialization: Education
- John Michael Crowley, A.B. in Ed. (Nebraska State Teachers College)
 Kearney, Nebr.
Field of Specialization: Education
- William Joseph Cummings, B.S. in Bus. Adm. (University of Tennessee)
 Knoxville, Tenn.
Field of Specialization: Business Organization
- Fritz Philip Dautermann, B.A., B.Sc. in Edu.....Columbus
Field of Specialization: Education
- Lawrence Malcolm Davis, B.A.....Cleveland
Field of Specialization: History
- Melissa Potter Devereaux, B.A.....Columbus
Field of Specialization: Art
- Robert Henry Dolliver, B.A. (Cornell College).....Cleveland
Field of Specialization: Psychology
- Donald Richard Domm, B.S. in Ed. (Bowling Green State University) Toledo
Field of Specialization: Education
- Donna George Dunning, B.Sc. in Edu.....Gambier
Field of Specialization: Education
- Margaret Wright DuPont, B.A. (Ohio Wesleyan University)Canton
Field of Specialization: Psychology
- Clement Benedict Durbin, A.B. (College of Saint Charles Borromeo)
 Zanesville
Field of Specialization: Education
- Ned Robert England, B.S. in Ed. (Bowling Green State University)
 Columbus
Field of Specialization: Education
- Phillip Michael Everett, B.Sc. in Edu.....Laurelville
Field of Specialization: Education
- Carolyn Oyler Forrest, B.Sc. in Edu.....Mt. Sterling
Field of Specialization: Education
- James Edward Fricke, B.S. in Educ. (Goshen College).....Goshen, Ind.
Field of Specialization: Speech
- Joel Richard Fruchtman, A.B. (Tufts College).....New York, N. Y.
Field of Specialization: Economics
- James Charles Furgason, B.Sc. in Edu.....Columbus
Field of Specialization: Education
- Richard Thomas Garrigan, B.Sc. in Bus. Adm.....Cleveland
Field of Specialization: Business Organization
- Theodore Anthony Georgeff, B.S. in Ed. (Capital University)....Columbus
Field of Specialization: Physical Education
- Richard P. Geraghty, A.B. (University of Dayton).....Mineola, N. Y.
Field of Specialization: English
- Albert Knute Germanson, Jr., B.F.A.....Columbus
Field of Specialization: Art
- Charles Richard Gilbert, B.Sc. in Edu.....Columbus
Field of Specialization: Physical Education

- Elizabeth Jean Gipe, B.A. (Pennsylvania State University) ..Johnstown, Pa.
Field of Specialization: Sociology
- John Merton Goode, B.A. (Kansas State Teachers College, Emporia)
Kansas City, Kans.
Field of Specialization: Education
- Martha Wagner Gordon, B.Sc. in H.E.....Worthington
Field of Specialization: Home Economics (Education)
- Peter Grasselli, B.Sc. in Edu.....Columbus
Field of Specialization: Music
- Ralph Leonard Hall, B.Sc. in Edu.....Hartville
Field of Specialization: Education
- Rollin Joel Haney, B.S. (Manchester College)Elkhart, Ind.
Field of Specialization: Music
- Margaret Calderwood Harrington, A.B. (Wittenberg University)
Worthington
Field of Specialization: Education
- Trudora Vest Harshman, B.S. (H.Ec.) (University of Colorado)
Columbus
Field of Specialization: Education
- Earl Chester Hassenpflug, B.A.....Westerville
Field of Specialization: Art
- Marguerite Hopkins Hatten, B.A. (Ohio Wesleyan University) ..Clarington
Field of Specialization: Romance Languages (Spanish)
- Francine Pearl Hazard, B.A.....Columbus
Field of Specialization: English
- Jack Boatwright Hazen, A.B. (Asbury College, Kentucky)Alliance
Field of Specialization: Physical Education
- Richard Daniel Heckathorn, B.S. in Ed. (Bluffton College)Forest
Field of Specialization: Education
- Don Edward Heft, B.S. (Agricultural and Mechanical College of Texas)
Pickerington
Field of Specialization: Education
- Paul Anthony Hemmeter, A.B. (University of Detroit)Toledo
Field of Specialization: English
- Raymond Frederick Hopkins, B.A. (Ohio Wesleyan University) ..Columbus
Field of Specialization: Political Science
- Harry Hammond Howarth III, B.A., B.Sc. in Edu.....Cleveland
Field of Specialization: Psychology
- Eldon Duane Hoyt, B.S. (Manchester College)Winona Lake, Ind.
Field of Specialization: Education
- Edmond Beauregard Hughes, B.Mus. (West Virginia State College)
Goldsboro, N. C.
Field of Specialization: Music
- Morris Dwight James, B.S. (Capital University)Fredericktown
Field of Specialization: Education
- Grace Branham Janes, B.S. in Educ. (Ashland College)Mansfield
Field of Specialization: Education
- Mary Lawrence Jarvis, B.Sc. in Edu.....Van Wert
Field of Specialization: Education

- *Richard Kimball Jemison.....Royal Oak, Mich.
Field of Specialization: English
- Ray Loress Johnston, B.Sc. in Edu.....Scio
Field of Specialization: Education
- Jeannette Ulmer Jones, B.Sc. in H.E.....Radnor
Field of Specialization: Home Economics (Education)
- Kathleen Snyder Kerry, B.A.....Columbus
Field of Specialization: Education
- Jane Hoar King, B.Sc. in H.E.....Newark
Field of Specialization: Home Economics (Education)
- Emil Anthony Kochis, B.S. (Minnesota State Teachers College, St. Cloud)
Moorhead, Minn.
Field of Specialization: Education
- Paul R. Koller, B.S. in Ed. (University of Dayton).....Cleveland
Field of Specialization: Education
- Treva Jean Krantz, B.Sc. in Edu.....Cleveland Heights
Field of Specialization: Education
- Gilbert Gene Krueger, B.S. (University of Wisconsin).....Lansing, Mich.
Field of Specialization: Education
- John Wentworth Lawson, B.A. (Brown University).....New York, N. Y.
Field of Specialization: Romance Languages (French)
- Charles Milton Lee, B.S. in Ed. (Bowling Green State University)
Bloomdale
Field of Specialization: Education
- Irene Sheung-Ying Leung, B.A. (University of Hong Kong)
Hong Kong, China
Field of Specialization: Geography
- Lloyd Keith Lewis, B.A. (Otterbein College).....Springfield
Field of Specialization: Speech
- Robert John Liikala, B.F.A.....Perry
Field of Specialization: Art
- John Matthew Lux, A.B. (City College, New York).....Staten Island, N. Y.
Field of Specialization: English
- Myrna May Magnuson, B.S. in Edu. (Kent State University)
Cuyahoga Falls
Field of Specialization: Education
- Robert Bruce Mahaffey, B.A.....Worthington
Field of Specialization: Speech
- Sharon Lee Main, B.S. in Edu. (Otterbein College).....Ostrander
Field of Specialization: Education
- Myrna Grace Mantel, B.S. in Edu. (Bowling Green State University)
Rudolph
Field of Specialization: English
- Richard Victor Marsh, B.Sc. in Edu.....Columbus
Field of Specialization: Education
- Claire Jones Marshall, B.S.Ed. (Ohio University).....Cleveland
Field of Specialization: Education
- Siva Annette Marshall, B.S. (University of Michigan).....Cleveland
Field of Specialization: Education

* Two degrees

- Helen June Massa, B.Sc. in H.E. Cleveland
Field of Specialization: Education
- Carol Ann Matz, B.A. (Ohio Wesleyan University) Columbus
Field of Specialization: Romance Languages (Spanish)
- Joseph T. Mayhew, B.Sc. in Edu. Toronto
Field of Specialization: Education
- Robert Oliver McFarlan, B.A. (College of Wooster) Prospect
Field of Specialization: Education
- Roger McNeily, B. Music Ed. (Otterbein College) Mt. Vernon
Field of Specialization: Music
- Raymond Francis McQuade, B.S. in Edu. (University of Dayton)
 Mineola, N. Y.
Field of Specialization: English
- Richard Lewis Meador, B.S. Ed. (Concord College) Hinton, W. Va.
Field of Specialization: Education
- Herta J. Brunnbauer Menders Columbus
Field of Specialization: German
- Estel David Miller, B.S. (Capital University) Galena
Field of Specialization: Education
- Forest Ralph Miller, B.A. Columbus
Field of Specialization: Speech
- Guy Gilbert Miller, B.S. in Ed. (Wittenberg University) Springfield
Field of Specialization: English
- Marjorie Harris Miller, A.B. (Denison University) Mt. Vernon
Field of Specialization: Education
- James Douglas Mitchell, B.S. (Washington College, Maryland)
 Worthington
Field of Specialization: Education
- Fred Lesley Montgomery, B.S. (College of Steubenville) Newark
Field of Specialization: History
- Paul Stewart Moore, B.Sc., B.Sc. in Edu. Cleveland
Field of Specialization: Education
- Jane Elizabeth Morrison, B.S. in H.Ed. (Pennsylvania State Teachers
 College, Slippery Rock) Slippery Rock, Pa.
Field of Specialization: Physical Education
- Rodger Frederic Morton, B.A. (Ohio Northern University) Vandalia
Field of Specialization: History
- John Nickolas Mulherin, B.Sc. in Edu. Columbus
Field of Specialization: Education
- Thomas Cecil Mulligan, B.B.A. (Fenn College) Cleveland Heights
Field of Specialization: Business Organization
- Thomas Phillip Murphy, B.S. in Ed. (University of Akron) Mogadore
Field of Specialization: Education
- Lee Vance Murray, B.S. (Michigan State University) Dexter, Mich.
Field of Specialization: Education
- Edna Audrey Nagy, B.A. (College of Saint Mary of the Springs) Barberton
Field of Specialization: Education

- James Alfred Neylans, B.S.Ed. (Ohio University).....Columbus
Field of Specialization: Psychology
- William George Nicholson, B.A. (Brown University).....Columbus
Field of Specialization: History
- Barbara Brillhart Niehoff, B.A. (Ohio Wesleyan University).....Columbus
Field of Specialization: Romance Languages (Spanish)
- Connie Phillips Niemeyer, B.S. in Edu. (Miami University)....Wapakoneta
Field of Specialization: Education
- Vloris Eugene Noel, B.S. in Ed. (Ball State Teachers College)
Reynoldsburg
Field of Specialization: Education
- Elizabeth Langham O'Brien, B.A. (Cedar Crest College, Pennsylvania)
Columbus
Field of Specialization: Education
- Peter Paul O'Millian, B.S. in Ed. (Georgia Teachers College)
Savannah, Ga.
Field of Specialization: Education
- James Ernest Omweg, B.Sc. in Agr.....Marion
Field of Specialization: Agricultural Education
- James Emerson Ort, B.Sc. in Edu.....Columbus
Field of Specialization: Education
- Imogene Kuenzli Orts, B.Mus. (Heidelberg College).....Findlay
Field of Specialization: Music
- William Howard Paynter, B.Sc. in Edu.....Delaware
Field of Specialization: Education
- Tressa Masticola Perry, B.S. (Milwaukee State Teachers College)
Columbus
Field of Specialization: Education
- John Francis Pettibone, B.A. in Edu. (Ball State Teachers College)
Columbus
Field of Specialization: Journalism
- Betty Connolly Pettit, B.S. (H.Ec.) (University of Cincinnati)
Cortland, N. Y.
Field of Specialization: Speech
- Ted L. Pollock, B.M.E. (Capital University).....Marion
Field of Specialization: Music
- Joann Priest, B.S. in Ed. (Southern Illinois University)....Harrisburg, Ill.
Field of Specialization: Education
- Ronald Edward Reese, B.A. (Thiel College).....Pittsburgh, Pa.
Field of Specialization: Psychology
- Margaret Mills Roberts, B.A.....Columbus
Field of Specialization: Speech
- Donald Edward Robison, B.A. (Sacramento State College)
Yuba City, Calif.
Field of Specialization: Education
- Donna Mae Robson, B.S.Ed. (Ohio University).....Amsterdam
Field of Specialization: Education
- George James Royce, B.A. (Michigan State University) ..Kalamazoo, Mich.
Field of Specialization: Psychology

- Robert Charles Saunders, B.S. (Brooklyn College) Brooklyn, N. Y.
Field of Specialization: Physical Education
- Herbert Schenk, A.B. (Rutgers University) Irvington, N. J.
Field of Specialization: Psychology
- Phillip Craig Schlechty, B.Sc. in Edu. Rossburg
Field of Specialization: Education
- John Ross Schleppe, B.Sc. in Edu. Columbus
Field of Specialization: Physical Education
- Gail Dean Schoppert, B.S. (Oregon State College) Salem, Ore.
Field of Specialization: Physical Education
- Larry William Schultz, B.A. (Luther College, Iowa) Osakis, Minn.
Field of Specialization: Education
- Barbara Jane Selph, B.A. (Oklahoma State University) . . . Stillwater, Okla.
Field of Specialization: Speech
- Mac Owen Shaffer, B.Sc. in Jour. Columbus
Field of Specialization: Education
- Allen Jerome Shafran, B.A. Columbus
Field of Specialization: Political Science
- Grace Marie Shoemaker, B.A. (Ohio Wesleyan University) Columbus
Field of Specialization: Education
- David Lee Smith, B.Sc. in Bus. Adm. Alliance
Field of Specialization: Accounting
- Nancy Lee Smith, B.S. in Ed. (Bowling Green State University)
Sandusky
Field of Specialization: History
- Bernard Alan Snider, B.Sc. in Agr. McClure
Field of Specialization: Agricultural Education
- Gerald Lyman Soliday, B.A. Wooster
Field of Specialization: History
- Norville Edison Spence, B.A. (University of Manitoba)
Brandon, Man., Canada
Field of Specialization: Psychology
- Philip Leland Sprecher, B.A. (Otterbein College) Vandalia
Field of Specialization: Education
- Carol Ruth Stemple, B.S. in Ed. (Bowling Green State University)
Canal Fulton
Field of Specialization: Speech
- Grace Estella Stewart, B.S. in Ed. (Ohio University) Wilmington
Field of Specialization: Education
- Luther Raymond Stonecipher, B.S. in Edu. (Northern Illinois University)
Columbus
Field of Specialization: Education
- Beulah Craig Stoops, B.Sc. in Edu. Mt. Vernon
Field of Specialization: Education
- Robert Elliott Stout, B.A. Worthington
Field of Specialization: Speech
- Janice Faye Streier, B.S. in Ed. (Northern State Teachers College)
Aberdeen, S. Dak.
Field of Specialization: Education

- Robert Junior Stull, B.Sc. in Edu.....Columbus
Field of Specialization: Art
- William Albert Styles, A.B. (Heidelberg College)Austinburg
Field of Specialization: Psychology
- Elca Theo Swigart, B.Sc. in Elem. Edu. (Mount Union College)Clinton
Field of Specialization: Speech
- Billie Wesley Taylor II, B.A. (Wilmington College)Columbus
Field of Specialization: Education
- Ruth Leota Taylor, B.S. in Educ. (Ashland College)Mansfield
Field of Specialization: Education
- Jeanine Delight This, B.A. (College of William and Mary)McLean, Va.
Field of Specialization: Classical Languages (Latin)
- Harriet Stephen Thorpe, B.Sc. in Edu.....Ansonia
Field of Specialization: Education
- Clyde Austin Trumbull, B.S. in Ed. (Otterbein College)Columbus
Field of Specialization: Physical Education
- Helen Josephine Turner, B.Sc. in Edu.Steubenville
Field of Specialization: Music
- David Paul Vincent, A.B., M.A. (Catholic University of America) ..Dayton
Field of Specialization: Classical Languages (Latin)
- Bhani Visissobha, B.A. (Chulalongkorn University)Bangkok, Thailand
Field of Specialization: Education
- Bundit Vongkeao, B.Ed. (College of Education, Bangkok, Thailand)
Mahasarakam, Thailand
Field of Specialization: Education
- Ruth Dorn Watkins, B.Sc. in Edu.....Springfield
Field of Specialization: Education
- Nathan James Weate, Jr., B.Sc. in Edu.....Worthington
Field of Specialization: Education
- Hazel Sparks Webb, B.Sc. in Edu.....Columbus
Field of Specialization: Education
- James Paul Weller, B.A. (University of Toronto)Toronto, Ont., Canada
Field of Specialization: Geography
- William James Wert, B.S.Ed. (Ohio Northern University)Mansfield
Field of Specialization: Education
- Floyd Richard West, B.S. (Ohio University)Galion
Field of Specialization: Education
- William Howard Whitaker, B.A.....Chillicothe
Field of Specialization: Sociology
- Cynthia May White, B.Sc. in Edu.....Kenton
Field of Specialization: Music
- Robert Allen Wilcox, B.Sc. in Edu.....Cuyahoga Falls
Field of Specialization: Education
- Fredric Charles Willford, B.Sc. in Edu.....Findlay
Field of Specialization: Music
- Jane Olwen Williams, B.S. (Western Reserve University)Oak Hill
Field of Specialization: Home Economics (Education)

- Louise Barton Williams, B.S. in Edu. (Capital University) Columbus
Field of Specialization: Education
- Mary Lou Law Willis, B.A. (Marshall University) Columbus
Field of Specialization: Education
- Leonard LeRoy Wilson, A.B. (Wittenberg University) Springfield
Field of Specialization: English
- John Richard Winzeler, B.Sc. in Edu. Trotwood
Field of Specialization: Physical Education
- Ann Evans Wolf, B.S. in Edu. (University of Dayton) Dayton
Field of Specialization: Education
- Richard Neil Wolman, A.B. (Brandeis University) Columbus
Field of Specialization: Psychology
- Thomas Gene Wright, B.Sc. in Agr. Cambridge
Field of Specialization: Education
- Swanit Yamabhai, B.A. (Chulalongkorn University) Bangkok, Thailand
Field of Specialization: Speech
- Regina Marie Yando, B.S. in Mus. Edu. (College of Saint Mary
of the Springs) Columbus
Field of Specialization: Psychology
- David Alan Yutzey, B.A. (Ohio Wesleyan University) Columbus
Field of Specialization: Psychology
- Dorothy Eleanor Zimmerman, A.B. (Hiram College) Columbus
Field of Specialization: Education
- Marilyn Jacobs Zytikus, B.S. in Ed. (Bowling Green State University)
Walbridge
Field of Specialization: Speech
(Two hundred and six candidates)

Master of Business Administration

- Edward Arnold Andres, Jr., B.S.M.E. (Case Institute of Technology)
Waynesville
Field of Specialization: Business Organization
- Stephen Jerome Austin, B.B.A. (University of Cincinnati)
Fort Thomas, Ky.
Field of Specialization: Accounting
- John Alan Baird, B.Sc. in Bus. Adm. Columbus
Field of Specialization: Business Organization
- Ronald Herman Ballou, B.M.E. Columbus
Field of Specialization: Business Organization
- Herbert Dennis Brooker, B.Sc. in Bus. Adm. Cleveland
Field of Specialization: Business Organization
- Arthur Martin Ciagne, Jr. B.S. (University of Detroit) . Birmingham, Mich.
Field of Specialization: Accounting
- Graham Percy Cooper. Sydney, N. S. W., Australia
Field of Specialization: Business Organization
- Norman Ted Crout, B.Sc. in Bus. Adm., LL.B. Columbus
Field of Specialization: Accounting
- James Raymond Deters, B.S.C. (Ohio University) Cincinnati
Field of Specialization: Business Organization

- Donald Emerson Fender, Jr., B.Sc. in Bus. Adm.....Mowrystown
Field of Specialization: Business Organization
- Robert William Gardner, B.I.E.....Columbus
Field of Specialization: Business Organization
- Frank Harold Harmon, B.S. in B.A. (Kent State University)....Warren
Field of Specialization: Business Organization
- Josephine Lorenzana Macagba, B.S. in B.A. (University of the Philippines)
 San Fernando, La Union, Philippines
Field of Specialization: Accounting
- Brian Richard Mahoney, B.A.....Columbus
Field of Specialization: Business Organization
- Albert Malinverni, B.S. (University of Vermont).....Niagara Falls, N. Y.
Field of Specialization: Business Organization
- Glenn Kenge Matsumoto, B.S. (United States Military Academy)
 Bakersfield, Calif.
Field of Specialization: Business Organization
- Omer Morton McGlone, B.S. in Bus. Adm. (Berea College) ..Olive Hill, Ky.
Field of Specialization: Business Organization
- Joseph John Montesano, B.S.B.A. (Bowling Green State University)
 Rahway, N. J.
Field of Specialization: Business Organization
- Charles Vincent O'Donnell, B.Sc. in Bus. Adm.....Columbus
Field of Specialization: Business Organization
- George Ralph Orlando, B.S. (New York University).....Columbus
Field of Specialization: Business Organization
- John Lichtle Rider, B.Sc. in Bus. Adm.....Tiffin
Field of Specialization: Business Organization
- Sjirk Linso Rypma.....Heemstede, Holland
Field of Specialization: Business Organization
- Robert William Spell, B.S.E.E. (Purdue University).....Columbus
Field of Specialization: Business Organization
- Ronald Joseph Vannuki, B.B.A. (University of Notre Dame) ..Youngstown
Field of Specialization: Accounting
- John Arthur Van Oosten, B.S. in B.A. (Kent State University)
 Bay Village
Field of Specialization: Business Organization
- Tom Cameron Wright, B.Sc. in Bus. Adm.....Columbus
Field of Specialization: Business Organization

(Twenty-six candidates)

Master of City Planning

- Sambamurthy Thyagarajan, B. Arch. (University of Bombay)
 Bombay, India
Field of Specialization: Architecture (City Planning)

(One candidate)

Master of Education

- Louis Dale Buchanan, B.A. (Muskingum College) Parma Heights
Field of Specialization: Education
- Kenneth Guy Cole, B.S.Ed. (Ohio University) Kirkersville
Field of Specialization: Education
- Kay Ann Douglas, B.S. in Edu. (Ashland College) Dalton
Field of Specialization: Education
- Mary Elizabeth Grau, B.S. (Heidelberg College) Bucyrus
Field of Specialization: Education
- Vivien Miller Herbert, B.S.Ed. (Ohio University) Venice, Fla.
Field of Specialization: Education
- Jeanne Deeds Hitz, A.B. (Denison University) Granville
Field of Specialization: Education
- Margaret Eileen Hummel, B.S. (Purdue University) Muncie, Ind.
Field of Specialization: Education
- Ruth Eleanor Oshel, B.A. (Marshall University) Columbus
Field of Specialization: Education
- Robert Voneida Sanders, B.Sc. in Edu. Columbus
Field of Specialization: Education
- Don Terry Scott, B.S. in Ed. (Bowling Green State University) Galion
Field of Specialization: Education
- Orval Lee Seaman, A.B. (Colorado State College) Greeley, Colo.
Field of Specialization: Education
- Robert John Smith, B.Sc. in Agr. Payne
Field of Specialization: Agricultural Education
- Dan Curtis Spivey, B.A., B.Sc. in Edu. Columbus
Field of Specialization: Education
- Thomas James Stevens, B.S. (Wisconsin State College at Eau Claire)
Chetek, Wis.
Field of Specialization: Education
- William Darrell Thaxton, B.S.Ed. (Ohio University) Lancaster
Field of Specialization: Education
- (Fifteen candidates)

Master of Medical Science

- Dorothy Waldron Jordan, B.Sc., M.Sc., Ph.D., M.D. Columbus
Field of Specialization: Surgery
- Arthur Bill Kieger, A.B. (Dartmouth College); M.D. (Harvard University)
Cleveland
Field of Specialization: Surgery
- (Two candidates)

Master of Science

- Wissam Girgis Abdel-Sayed, B.Sc. (Alexandria University)
Alexandria, Egypt
Field of Specialization: Chemistry
- Sidney Gordon Barrett, L.D.S. (University of Leeds)
Ruislip, Middlesex, England
Field of Specialization: Dentistry

- Ralph William Batsche, Jr., B.A. (University of Colorado) Dayton
Field of Specialization: Geology
- Ali Kemal Bedestenci Ankara, Turkey
Field of Specialization: Agricultural Economics and Rural Sociology
- Nancy Lee Bell, B.Sc. Columbus
Field of Specialization: Microbiology
- Thomas Alan Breiter, B.S. (Mankato State College) . . . Lake Crystal, Minn.
Field of Specialization: Mathematics
- *Richard Dale Brown Newark
Field of Specialization: Physics
- George Randall Brubaker II, A.B. (Columbia University) . . Flushing, N. Y.
Field of Specialization: Chemistry
- Richard McLaughlin Burkley, B.S. (Georgetown University)
 Chevy Chase, Md.
Field of Specialization: Physics
- Stephanie Swartzel Cannon, B.Sc. in Edu. Waynesville
Field of Specialization: Zoology
- Patricia Crane Carpenter, B.Sc. Fairview Park
Field of Specialization: Anatomy
- William Henry Carpenter, Jr., B.A. (Baylor University) . . Karnes City, Tex.
Field of Specialization: Geodetic Science
- Guillermo Carrillo-Vargas, Ing. (Escuela Especial de Ingenieros de
 Caminos, Canales y Puertos) Toledo, Spain
Field of Specialization: Civil Engineering
- Lai-Man Chan, B.Sc. (Taiwan Provincial Cheng Kung University)
 Hong Kong, China
Field of Specialization: Chemistry
- Kailash Chander Chopra, B.A. (Roorkee University); B.Sc. (Benares
 Hindu University); M.E. (Roorkee University)
 Chandigarh, Punjab, India
Field of Specialization: Geodetic Science
- Barbara Dunn Cooke, B.S. (Tuskegee Institute) Columbus
Field of Specialization: Nursing
- Arthur Delbert Coon, B.S. (Ohio University) Butler
Field of Specialization: Chemistry
- Maria Rosa Costas-Bolivar, B.S. (University of Puerto Rico)
 Miramar, Puerto Rico
Field of Specialization: Pathology
- David Edward Cummins, B.Sc. Columbus
Field of Specialization: Mathematics
- James Emerson Deck, B.Sc. Newark
Field of Specialization: Zoology
- William Arthur DeLoach, Jr., B.A. (Baylor University) Lufkin, Tex.
Field of Specialization: Geodetic Science
- Ronald Wayne Dickey, B.S. (Western Illinois University) Pawnee, Ill.
Field of Specialization: Agricultural Economics and Rural Sociology

* Two degrees

- Frederick Monroe Eckel, B.Sc. in Phar. (Philadelphia College of Pharmacy and Science) North Hills, Pa.
Field of Specialization: Pharmacy
- William Joseph Egan, Jr., B.S. in Aero. Engr. (Saint Louis University)
Newton Highlands, Mass.
Field of Specialization: Aeronautical and Astronautical Engineering
- Walda Mae Engelbrecht, B.S. in Ed. (New York State University Teachers College, Oneonta) Munnsville, N. Y.
Field of Specialization: Home Economics
- Robert Dean Fuller, B.Sc. in Agr. Marengo
Field of Specialization: Agricultural Education
- Ralph Jürgen Gerke, B.S. in Aero. Engr. (Saint Louis University)
Columbus
Field of Specialization: Aeronautical and Astronautical Engineering
- William Raymond Givens, B.M.E. Columbus
Field of Specialization: Mechanical Engineering
- Charles John Graham, B.S. (University of Washington) ; D.D.S. (Northwestern University) Ocala, Fla.
Field of Specialization: Dentistry
- Joseph Leo Hackett, B.Sc. in Med. Tech. Middletown
Field of Specialization: Pathology
- Roxane DuBois Hamilton, B.S.H.Ec. (Ohio University) . . Washington, D.C.
Field of Specialization: Home Economics
- Marian Idle Hammond, B.Sc. in H.E. Mansfield
Field of Specialization: Home Economics
- Jefferson Frederic Hardin, D.D.S. (University of Tennessee)
Knoxville, Tenn.
Field of Specialization: Dentistry
- Charles William Harris, B.S. (Capital University) Dayton
Field of Specialization: Chemistry
- Barbara Mansfield Heinzerling, B.Sc. in H.E. Elyria
Field of Specialization: Home Economics
- Henry Orville Heisey, B.S. (Wheaton College) Louisville
Field of Specialization: Chemistry
- Rohe Fred Helm, B.Sc. Columbus
Field of Specialization: Chemistry
- Corey Hoyt Holmes, D.D.S. (University of Kansas City)
Daytona Beach, Fla.
Field of Specialization: Dentistry
- Ann Tomcik Huffman, A.B. (Miami University) Barberton
Field of Specialization: Botany and Plant Pathology
- Stanley Rusk Ingman, A.B. (Miami University) . . South Charleston, W. Va.
Field of Specialization: Agricultural Economics (Rural Sociology)
- Ronald Fadel Isaac, A.B. (Western Reserve University) Cleveland
Field of Specialization: Anatomy
- Judith Lee Jameson, B.Sc. in Nurs. Sandusky
Field of Specialization: Nursing
- Bhagwant Singh Jarry, B.Sc. (Agra University) ; I.D.D. (Indian Dairy Research Institute) Udaipur, Rajasthan, India
Field of Specialization: Dairy Technology

- Wendell Dean Keller, B.S.C.E. (Ohio Northern University) Findlay
Field of Specialization: Civil Engineering
- Manert Howard Kennedy, B.S. (Butler University) Clawson, Mich.
Field of Specialization: Zoology
- Heung Tai Kim, B.Sc. in Eng. (Seoul National University) Seoul, Korea
Field of Specialization: Chemical Engineering
- Harvey Lee Kiser, B.Sc. in Agr. Wapakoneta
Field of Specialization: Agricultural Economics and Rural Sociology
- William Wittman Lane, B.S. in C.E. (Carnegie Institute of Technology)
Field of Specialization: Civil Engineering Williamstown, W. Va.
- Louis Marcel Lenz, B.Sc. (University of Manitoba) . Brandon, Man., Canada
Field of Specialization: Horticulture
- Thomas Melvin Marshall, B.Sc. in Phar. Xenia
Field of Specialization: Pharmacy
- Louis Mario Martucci, B.S. (Union College) Troy, N. Y.
Field of Specialization: Geodetic Science
- Robert Allyn McCoy, B.Sc. in Phys. Columbus
Field of Specialization: Metallurgical Engineering
- Carol Rudge McCummins, B.Sc. in H.E. Fowler
Field of Specialization: Home Economics
- Craig Ray Means, B.S. (Southern University) ; D.D.S. (Howard
University) Washington, D. C.
Field of Specialization: Dentistry
- David Michael Miller, B.Cer.E. Uhrichsville
Field of Specialization: Ceramic Engineering
- Robert Theodore Minkoff, A.B., B.S. (Columbia University) Columbus
Field of Specialization: Electrical Engineering
- Daniel Edward Molnar, B.I.E. Cleveland
Field of Specialization: Industrial Engineering
- Ralph Ernest Neill, B.S.A. (Purdue University) Corning, Ia.
Field of Specialization: Agricultural Economics (Rural Sociology)
- Rashel Nikravesh. Tehran, Iran
Field of Specialization: Geology
- *Joe Duane Nunnikhoven. Burlington, Ia.
Field of Specialization: Welding Engineering
- Steve Robert O'Donnell, B.E.E. Steubenville
Field of Specialization: Electrical Engineering
- Samuel Folorunso Onabanjo, B.Sc. (University of Wales)
Field of Specialization: Civil Engineering Ebute-Metta, Nigeria
- John William Oren, Jr., B.Sc. in Agr. Kingsville
Field of Specialization: Agricultural Education
- Donald Charles O'Shea, B.S. (University of Akron) Akron
Field of Specialization: Physics
- James Eugene Parsons, B.Sc. Lima
Field of Specialization: Microbiology

* Two degrees

- Suresh Baburao Pradhan, B.Sc. (University of Saugar) ; B.Sc. (Tech.)
(University of Bombay).....Bombay, India
Field of Specialization: Pharmacy
- Harold Wilfred Preiskel, B.D.S. (University of London) ..London, England
Field of Specialization: Dentistry
- James Alan Purvis, B.Sc. in Med. Tech.....Middletown
Field of Specialization: Pathology
- Thomas Clough Rambo, B.A. (College of Wooster).....Wooster
Field of Specialization: Zoology
- Charles Frederick Rau, D.D.S.....Columbus
Field of Specialization: Dentistry
- Jack Thurman Raver, B.A. (Wesleyan University, Connecticut)
Field of Specialization: Home Economics Youngstown
- Bernard Claude Ream, B.S. (Seton Hall University)Johnstown, Pa.
Field of Specialization: Chemistry
- John Dorward Rockie, B.S. (State College of Washington).....Columbus
Field of Specialization: Geodetic Science
- James Edward Ryan, D.D.S. (University of Washington)
Field of Specialization: Dentistry Winnipeg, Man., Canada
- Frank Joseph Sattler, B.W.E.....Perrysburg
Field of Specialization: Welding Engineering
- David Warren Saunders, B.S. (University of Oregon).....Eugene, Ore.
Field of Specialization: Geodetic Science
- Kenneth Duane Schreder, B.S.E. (E.E.) (University of Michigan)
Field of Specialization: Electrical Engineering Salem, Ore.
- Elizabeth Susan Sharpe, B.S.H.E. (West Virginia University)
Field of Specialization: Home Economics Morgantown, W. Va.
- David Lee Smetzer, B.Sc. in Agr., D.V.M.....Bellevue
Field of Specialization: Veterinary Physiology
- John Milton Smith, A.B. (Asbury College).....Mendon
Field of Specialization: Zoology
- Merlin Chapman Smith, Jr., B.S. (Southwestern Louisiana Institute)
Field of Specialization: Geodetic Science Lafayette, La.
- Jack Sonn, B.S. (Queens College).....Flushing, N. Y.
Field of Specialization: Mathematics
- Robert Ray F. Speers, B.S. (University of Michigan).....Sandusky
Field of Specialization: Electrical Engineering
- Gerhard Reiner Spory, A.B. (Marietta College).....Brooklyn, N. Y.
Field of Specialization: Zoology
- John Raymond Springer, B.Sc.....Glenford
Field of Specialization: Physics
- Ann Beddow Steiner, B.S. in Edu. (Miami University).....Toledo
Field of Specialization: Home Economics
- James Hoy Stephenson, B.S. (Carson-Newman College)
Field of Specialization: Chemistry Fayetteville, Tenn.

- Robert Douglas Stewart, Mech. Engr. (Stevens Institute of Technology)
Field of Specialization: Mechanical Engineering Verona, N. J.
- Dean Edward Svoboda, B.E.E. Cleveland
Field of Specializations Electrical Engineering
- William Paul Swarts, B.A. (College of Wooster) Barberton
Field of Specialization: Zoology
- John William Traubert, A.B. (West Virginia University) Columbus
Field of Specialization: Physiological Chemistry
- Nancy Bigler Traubert, B.Sc. in Nurs. New Philadelphia
Field of Specialization: Nursing
- Jerry Robert Van Meter, B.Sc. in Agr. Canton
Field of Specialization: Zoology
- William John Vastine, B.Sc. in Agr. Blanchester
Field of Specialization: Agricultural Economics and Rural Sociology
- Franco I. Veliz, Ing. (National University of Engineering, Lima, Peru)
Field of Specialization: Industrial Engineering Lima, Peru
- Deodatt Anant Wadke, B.Pharm. (Benares Hindu University)
Field of Specialization: Pharmacy Bombay, India
- Walter Barry Wagner, B.S. in M.E. (Lehigh University) Drums, Pa.
Field of Specialization: Mechanical Engineering
- *Craig Thompson Walters. Columbus
Field of Specialization: Physics
- James Fletcher Walther, B.A. (Central College) St. Louis, Mo.
Field of Specialization: Chemistry
- Charles James Watsabaugh, D.V.M. (Iowa State College) ... Humeston, Ia.
Field of Specialization: Veterinary Physiology
- Joseph Francis Weiss, B.S. (University of Scranton) Moosic, Pa.
Field of Specialization: Physiological Chemistry
- *Charles Anthony Willson. Columbus
Field of Specialization: Metallurgical Engineering (Mining Engineering)
- Dean Richard Yoesting, B.Sc. in Agr. New Carlisle
Field of Specialization: Agricultural Economics (Rural Sociology)
- Dale Allen Zych, B.S. in Physics (Case Institute of Technology) .. Cleveland
Field of Specialization: Physics
- (One hundred and four candidates)

Master of Social Work

- Sue Anne Force, A.B. (Ohio University) Shreve
Field of Specialization: Social Work
- Virginia Lautenschlager Garratt, B.A. (College of Wooster)
 Fredericktown
Field of Specialization: Social Work
- Fredrick Paul Green, B.S. (Western Reserve University) Columbus
Field of Specialization: Social Work
- Charles Russel Waymire, B.A. (Greenville College) Englewood
Field of Specialization: Social Work
 (Four candidates)

* Two degrees

CANDIDATES FOR TWO DEGREES

- Richard Dale Brown.....Newark
Master of Science
Bachelor of Science in Physics
- Dorothy Jane Cellio.....Columbus
Bachelor of Arts
Bachelor of Science in Education
- Nancy Sarah Grayson.....Columbus
Bachelor of Arts
Bachelor of Science in Education
- Richard Kimball Jemison.....Royal Oak, Mich.
Master of Arts
Bachelor of Arts
- Joe Duane Nunnikhoven.....Burlington, Ia.
Master of Science
Bachelor of Welding Engineering
- Craig Thompson Walters.....Columbus
Master of Science
Bachelor of Science in Physics
- Charles Anthony Willson.....Columbus
Master of Science
Bachelor of Engineering in Mining

(Seven candidates)

COLLEGE OF AGRICULTURE AND HOME ECONOMICS

Dean: ROY M. KOTTMAN

Bachelor of Science in Agricultural Biochemistry

Robert Lee Schaller.....Perrysburg
(One candidate)

Bachelor of Science in Agriculture

David Carl Abbott.....Sidney
Eldon Dean Baldwin.....Ashley
Edward Daniel Blackston.....Rockbridge
James Kent Brittsan.....Van Wert
Lyle Robert Deemer.....Mentor
Jack Burnell Fetter.....Prospect
Jerry Curtis Fletcher.....Chillicothe
Donald Arthur Fordham.....Bucyrus
Dane Marvin Garman.....Hilliard
David Barry Getz.....Canal Winchester
Fernando Gil-Gomez.....Bogota, Colombia, South America
James Eugene Grimes.....Wakeman
Karen Diane Harmon.....Pataskala
Larry Lee Heintz.....Degraff
Rayburn Weeks Hemphill, Jr.....Akron
Forrest Edwin Heyduk.....Cleveland
James Quentin Holley.....Cleveland
William Earl Jones.....Columbus
Robert Thomas Mellen, Jr.....Willoughby
Allan Roy Myers.....Columbus Grove
Joseph McArthur Reed.....Belle Center
Philip Andrew Renner.....Columbus
John Joseph Saltzman, Jr.....Alvada
Myron Harold Schaer.....Carroll
David Glenn Scholl.....Sunbury
Gerald Lee Stankorb.....Cincinnati
Barbara Sydney Stein.....Lincolnwood, Ill.
Ruthe Yaxley Sweet.....East Cleveland
Dorothy Lois Thompson.....Marion
John Dougherty Watson.....Newcomerstown
Gerard Radcliffe Welter.....Tiffin
James Beverly Williams.....Mowrystown
Tommy Owen Yazel.....Lima

(Thirty-three candidates)

Bachelor of Science in Dairy Technology

Thomas James Alexander.....Washington, Ill.
(One candidate)

Bachelor of Science in Food Technology

Thomas Madison Murtaugh, Jr.....Sunbury
Marlow Gene Zigler.....Montpelier

(Two candidates)

SCHOOL OF HOME ECONOMICS

Bachelor of Science in Home Economics

Martha Dolores Baker.....	Vestaburg, Pa.
Jean Anne Dawson.....	Columbus
Myrta Jean Dorn.....	South Solon
Ann Sharkey Fender.....	West Carrollton
Diana Koning Hancock.....	Bucyrus
Brenda Hammond Heuser.....	Dayton
Rita Ann Higgins.....	Lancaster
Jolene Ann Johnson.....	Kenton
Joyce Armeda Jones.....	Loudonville
Yvonne Karg Knoll.....	Nevada
Jane Roberts Kramer.....	Genoa
Mary Shaw Link.....	Ashley
Carole Jane Neal.....	Tipp City
Edith Nutkin.....	Beachwood
Barbara Francis Phipps.....	Elyria
Sandra Jane Price.....	Lebanon
Farahnaz Riaz.....	Tehran, Iran
Roberta Sue Simpson.....	Columbus
Carol Ann Youmans.....	Columbus

(Nineteen candidates)

COLLEGE OF ARTS AND SCIENCES

Dean: J. OSBORN FULLER

Bachelor of Arts

Richard Larry Arlen.....	Crestline
David George Arnold.....	South Euclid
Carl Frederick Asseff.....	Euclid
David Timothy Bainter.....	Columbus
Richard Horace Barone.....	Sheffield Lake
Allen William Barr.....	Columbus
James Lee Bartholomew.....	Columbus
Arlene Lois Behnke.....	Youngstown
Charles Dietrich Bieser.....	Dayton
George David Bogdan.....	Lorain
Everett Arthur Bolz.....	Columbus
Myron Adair Burdge.....	Columbus
Mary Emerson Cass.....	Granville
Tyrone Joseph Castellarin.....	Columbus
* Dorothy Jane Cellio.....	Columbus
Newella Dee Chandler.....	Columbus
Larry Edward Clark.....	Stryker
Shirley Jean Clark.....	Mansfield
James Eugene Coffey.....	Canton
Molly Nedra Cohen.....	East Liverpool
Norman Edward Cook.....	Paulding
Robert Phillip Cooper.....	Columbus
Bruno Mario Damiani.....	Columbus
Edwin Brayton Davis.....	Carey
George Michael Drosos.....	Campbell
Judith Elizabeth Dudinsky.....	Cleveland
Marcia Kay Duncan.....	Columbus
Chiaki Charles Endo.....	Cleveland
Joyce Hughes Entwistle.....	Columbus
James Michael Evans.....	Bloomington
Susan Diane Everett.....	Mt. Vernon
Philip Lee Eyerman.....	Worthington
Mary Bonita Fontana.....	Columbus
Mary Elizabeth Fontana.....	Columbus
John Fredrick Carl Fox.....	Columbus
Nancy Ann Franks.....	Lower Salem
Ireen Joyce Friedman.....	Columbus
Carol Lynn Goss, B.Sc. in Edu.....	Cincinnati
* Nancy Sarah Grayson.....	Columbus
Donald Ira Green.....	Toledo
Mark David Groban.....	Columbus
Ray Vernon Haning, Jr.....	Lakewood
Patricia Ann Hanych.....	Parma
Roger Dean Haring.....	Mansfield
Wilbur Ray Hawkins.....	Middletown
Mildred Pugh Hayman.....	Columbus
Susan Mae Hickox.....	Warren
Charles Ray Hildreth (cum laude).....	Dayton
Margaret Mary Hopkins.....	Jeromesville
Thomas Eugene Iannarino.....	Worthington
Thomas Edward James.....	Lancaster

* Two degrees

*Richard Kimball Jemison (summa cum laude)	Royal Oak, Mich.
Jerome Frederick Johnson	Rocky River
Linda Jane Johnson	Toledo
Timothy Patrick Kenny	Columbus
John Thomas Kinsey	Newark
James Barry Klass	Columbus
William James Koperna	Cleveland
Ernest Clarence Kuhn	Newark
Stanley Lane	New York, N. Y.
Lynn Douglas Lawver	Fairborn
Thomas Charles Lease	Salem
Charles Neil Lindig	Columbus
Gary Mitchel Lippert	Wilmington
Jack Eldon Love	Fremont
Judith Ann Lull	Cincinnati
Harold Sanford Maggied	Columbus
Roger William Matthews	Bellefontaine
Diana Brownfield McBee	Columbus
Elizabeth Anne McCarthy	Columbus
Lynne Stover McCullough	East Liverpool
Barbara Joan McGeorge	Wadsworth
Donald Merz	Columbus
Brooks Allen Mick	Columbus
Lawrence Hamilton Miller, Jr.	Granville
Alexandra Love Molohoskey	Akron
Stuart Oppenheimer (cum laude)	Columbus
Paul Edward Pfeifer	Bucyrus
Ronald Elton Plymale	Hilliard
Kenneth John Polyak	Fairview Park
Paule Chovnick Prebus	Columbus
John Robert Randis	Columbus
Sara Louise Reilly	Portsmouth
John Frederick Ridgley II	Columbus
Sandra Lee Robinette	Toronto
Kevin Michael Ryan	Dayton
Gerald Neil Sandy	Euclid
James Matthew Santo	Warren
William Olin Schaffner	Ashtabula
Sharon Sybil Scott	Massillon
Sue Ellen Scott	Columbus
Thomas Gordon Shanks	Ada
Dick Larry Shover	Columbus
William Albert Showman	Columbus
Anna Lee Shutt	Cleveland
Wallace Bowles Taggart, Jr.	Dayton
Robert George Taylor	Mentor
Alan William Tipka (cum laude)	Newark
William Franklin Toothman	Newark
Kraig Ronald Vogt	Cincinnati
Lester Eugene Webb	Solon
Alan Neil Weiss	Columbus
John Crawford Wells	Columbus
Walter Alvin Wildman	Springfield
Martha Leonore Wilson	Dayton
Henry Joseph Whalen Woodward	Columbus
Joseph Richard Zecher	Lebanon

* Two degrees

(One hundred and seven candidates)

Bachelor of Science

Adetunji Adelekan.....	Lagos, Nigeria
Linda Angela Ambrosini.....	Youngstown
Donald Henry Aue (with Distinction in Chemistry).....	Columbus
Roger Hal Babb.....	East Liverpool
Judith Louise Banks.....	Columbus
Barbara Jean Baumeister.....	Columbus
David Craig Bostwick.....	Deerfield
Louis Harry Charity, Jr.....	Columbus
Palmer Robert Cook.....	Kent
Samuel Edward Crockett.....	Columbus
Bruce Wayne Erickson (cum laude and with Distinction in Chemistry)	Columbus
Jan Norman Fouts.....	Martinsville, Ind.
David Marshall Gordon (cum laude).....	Columbus
James Frederick Grate.....	Dayton
Antone William Hagen.....	Napoleon
Richard Joseph Hogan.....	Middletown
Phillip Channell Johnson.....	Athens
Edwin Sigmunt Koglikowski.....	Gahanna
Ricardo Roman Leoni.....	Rayland
David Edward Lichtenberg.....	Parma
Ronald Erwin Loesch, B.M.E. (General Motors Institute).....	Warren
Lawrence William Loveland.....	Columbus
James Hugh McCreary, Jr.....	Columbus
Bruce Gordon McDougal.....	Galion
Doral Scott Mills, Jr.....	Zanesville
Paul Steele Niswander.....	Lima
Loren Roger Parker.....	South Vienna
Donald Lawrence Perdue.....	Columbus
Hans Joachim Ritz.....	Guatemala City, Guatemala
Louis Salamone, Jr.....	Waltham, Mass.
Julie Ann Schock.....	Dayton
Robert Richard Smith.....	University Heights
James David Speer.....	Van Wert
John Arthur Spees.....	Terrace Park
Warren Randall Spencer.....	Clarence, Mo.
John Gerald Stefko.....	Campbell
Joseph Calland Topping, Jr.....	Bay Village
Jason Frederick Traxler.....	Columbus
Phillip Macklin Valentine.....	Lancaster
Ronald Douglas Wells.....	Columbus
David Paul Wetzel.....	Minster

(Forty-one candidates)

Bachelor of Science in Medical Technology

Sharon Andrea Gross.....	Chattanooga, Tenn.
Camille Emily Heitchue.....	Columbus
Sandra May Tinnermann.....	Columbus
Patricia Louise White.....	Columbus

(Four candidates)

**Bachelor of Science
in Physical Therapy**

Katherine Hartlage Beegan.....Portsmouth
Jane Crossley Golden.....St. Paul, Minn.
James Davidson Harris.....Dayton
George Ellis Hilty.....Sterling
Mary Ellen Minshall.....Yellow Springs
Dane Hubbard Osborne.....Ironton
Rhea Regina Stapf.....Cable

(Seven candidates)

SCHOOL OF JOURNALISM

Bachelor of Arts

Elsa Ann Rubin (cum laude).....East Liverpool
Irene Moody Swan.....Columbus

(Two candidates)

SCHOOL OF OPTOMETRY

**Bachelor of Science
in Optometry**

Kenneth Jay Breckenridge.....Lorain

(One candidate)

COLLEGE OF COMMERCE AND ADMINISTRATION

Dean: JAMES R. MCCOY

Bachelor of Science in Business Administration

Jon William Agee.....	Columbus
Howard Keith Allen.....	West Mansfield
Marie Joyce Shull Appel.....	Athens
Keith Donald Baker.....	Galion
Joseph Sebastian Balling, Jr.....	Dayton
Richard Allen Barrett.....	Columbus
Allan Marshall Blue.....	Columbus
Rea Eugene Boone.....	Bellefontaine
Frederick William Bracht.....	Akron
Mary Jane Heimlich Bradley, B.Sc. in Edu.....	Marysville
Pamela Joyce Chentow.....	Salem
Peter Howard Chester.....	New York, N. Y.
Anthony John DiMare.....	Conneaut
Margaret Ollie Edgar.....	Shelby
Howell Evan Edwards.....	Martins Ferry
Norman Eig.....	Clifton, N. J.
John Edward Matthias Enroth, Jr.....	Portuguese Bend, Calif.
Stuart Fred Evans.....	University Heights
Robert Plum Featheringham.....	Ashville
Frank Anthony Fiori.....	Centerville
Larry Gene Fogle.....	Mt. Vernon
John William Foos.....	Marion
James Bernard Fox.....	Columbus
Charles Robert Frutig.....	Sandusky
Charles Wright Gayton.....	Columbus
Larry Goldberg.....	Shaker Heights
William Alan Goldman.....	Akron
Donald William Good.....	Columbus
John Farrell Hamill.....	Rocky River
Wayne Milford Harley.....	Ashtabula
Mary Elizabeth Havens.....	Delaware
Arnold Ira Henden.....	South Euclid
Dennis George Hockman.....	Columbus
David Alan Hopper.....	Columbus
Soon Ju Hwang.....	Seoul, Korea
Dale S. King.....	East Cleveland
Richard Daniel Laskoski.....	Shamokin, Pa.
Frederic Earl Lehr, Jr.....	Mansfield
Jack Downey Liffiton.....	Lakewood
Thomas Charles Long.....	Riverside, Calif.
Ronald Mark Marshall.....	Kettering
Wayne Eugene Marshall.....	Sebring
Gerald Nelson Mauk.....	Cleveland
Melinda Lue McEntee.....	Columbus
David Cameron Mercer.....	Columbus
Bruce Barney Merrill.....	Toledo
George Charles Milligan.....	Coshocton
Kenneth Eugene Monnett.....	Buckeye Lake
Sue Ellen Moore.....	Canton
Jerry E. Morgan.....	Cincinnati
Donald Joseph Mueller.....	Columbus

Don Herman Neely	Newark
Monte Lee Neuhart	Columbus
Bruce Hjalmar Ohlson	Columbus
Barbara Jayne Osborne	Columbus
James Haines Parkinson	Canton
James T. Parrott	Richwood
David Eugene Pearson	Union City, Pa.
Joseph James Poplstein, Jr.	Cleveland
Orpheus Ferdinand Quartullo, Jr.	Cleveland Heights
William Norman Rackow (cum laude)	Bay Village
John Ben Reeves, Jr.	Birmingham, Ala.
Henry George Rennie	Columbus
Robert Jay Rosenberg	South Euclid
William Steven Rudner	Canton
Charles Dean Schaefer	Columbus
Gary Warren Schmaeman	Cleveland
David Earl Search	Zanesville
William Evans Simpson	Mansfield
Jose Fernando Sobrino	San Juan, Puerto Rico
Douglas Bruce Spohn	Columbus
Mark Scurlock Stautzenbach	Dayton
Larry Patrick Stephens	Coshocton
Dennis Dale Stevenson	Lorain
William Fredrick Stuve	Cleveland
Michael LeRoy Sweeney	Columbus
Robert James Titmas	Cleveland
Barry Alan Trattner	Shaker Heights
Malcolm Bissell Tucker	Rocky River
Donald Blythe Uldricks	Columbus
Robert Thomas Voll	Cleveland Heights
Judith Brown Washburn	Shelby
Douglas Morey Webster	Warren
Alex David Wernick	Fostoria
Robert William Wertz, Jr.	Tiffin
Robert Edward White	Columbus
Patrick Henry Whitt	Columbus
Larry Blaine Wilson	St. Marys
Louis Edward Yanney	North Canton
Judith Ann Young	Woodsfield
Elizabeth Versenyi Zolnay (cum laude)	Cleveland

(Ninety-one candidates)

Bachelor of Science in Social Welfare

Stephen Philip Butt (summa cum laude)	Chillicothe
Nancy Rose Evans	Columbus
Josephine Lee Fordyce	Pataskala
Patricia McElwain Garrett	St. Clairsville
Erna Iole Lund	Westerville
Gerald Allen Soderquist	Chagrin Falls
Albert Marvin Tattershall	Cincinnati
Margaret Ann Zahn (summa cum laude)	Lorain

(Eight candidates)

COLLEGE OF DENTISTRY

Acting Dean: JOHN R. WILSON

Doctor of Dental Surgery

Robert Forest Decker, B.S. (Otterbein College)Bellaire
Paul Edward Milem, B.Sc.....Ironton
Charles Thomas Schindler.....Toledo

(Three candidates)

COLLEGE OF EDUCATION

Dean: DONALD P. COTTRELL

Bachelor of Science in Education

John Gary Allen.....	Columbus
Richard Anthony Amorose.....	Dublin
Billy Joe Armstrong.....	Washington C. H.
Jack Arnold, Jr.....	Beach City
Joan Kay Baker.....	Leipsic
Joyce Eifinger Balding.....	Newark
Carolyn Young Ballou (cum laude).....	Columbus
Caroline Adelle Barker.....	Mansfield
Winfried Barthmus.....	Plain City
Charlotte Moats Bemis.....	Bloomington
Jane Ellen Benbow.....	Chillicothe
Marie Holton Bennett.....	Columbus
Jo-Anne Jenkins Bernard.....	Madison
Mary Black.....	Zanesville
Sharon Strine Blose.....	Cardington
Carrol Edwin Blue.....	Plain City
Patricia Jo Boggs.....	Canton
Sue Ann Bolen.....	New Carlisle
Franklin Alexander Bolin.....	Zoar
Judith Albaugh Bolin.....	Dover
Robert Bradley Booth.....	Mansfield
Judith Farry Boyland.....	Mansfield
Barbara Ann Bringman.....	Upper Sandusky
Ronald Carl Burton.....	Spencer
Esther Byers.....	Rochester, N. Y.
Iris Houglan Carter.....	Wadsworth
Sue Ann Cauffield, B.A.....	Ashtabula
*Dorothy Jane Cellio.....	Columbus
Dean A. Christopher.....	Canton
Gary Ernest Coburn, B.A.....	New Boston
Nina Rosen Cohen.....	Columbus
Carole Ann Conley.....	Columbus
Sue Anne Cooper.....	Marion
William Linus Crist.....	Millersport
Shirley McCaffrey Cuckler.....	Grove City
Jean Inskeep Curry.....	Columbus
Allison Willmont Cusick.....	Bloomington
Bonnie Glueck Danson.....	Cleveland Heights
Richard Frank Davis.....	Wooster
Albert Watson Davison, Jr., A.B. (Denison University).....	Granville
Janet Lee Dean.....	Brice
Sharon Ruth DeWolfe.....	Hilliard
Raymond Eugene Dillon.....	Mansfield
Marguerite Marie Doerge.....	Jefferson
Charles Edward Dressler.....	Wadsworth
Hans Duerr (cum laude).....	Columbus
Judith Anne Durst.....	Dayton
Pauline Lichtensteiger DuVernay (cum laude).....	Ohio City
Leonard Kenneth Ebel.....	New London
Delores Downing Evans.....	Richwood

* Two degrees

Peter McDonald Ewald (cum laude)	Columbus
Sarah Best Ezzell	Columbus
Sheila Elizabeth Finnigan	Cleveland
Sandra Souders Freeman	Galena
Jean Lamkin French	Manchester, Me.
Patricia Priest Gall	Leesburg
Linda Rae Garaway	University Heights
Diane Rae Gehl	Columbus
Louise Barnes Gibbs	Columbus
Claudia Diane Gilbert	Lima
Judith Malone Gire	North Canton
*Nancy Sarah Grayson	Columbus
Donna Marie Green	Columbus
Peggy Williamson Gregory	Granville
Linda Dailey Gresham	Hamilton
William Henry Griffin	Bedford
Heather Pollack Gross	Cleveland
Raymond Francis Grove	Columbus
Janet Elaine Grundey	Columbus
Margaret Herron Haring	Columbus
Charlene Harkins, B.A.	Columbus
John Dunstan Harner	Springfield
Ann Freed Harter	Euclid
Karen Louise Henson	Columbus
George Monroe Hetrick	Orrville
Barbara Jean Hider	Venice, Fla.
Horace Henry Hill	Columbus
Mary Margaret Hoffmaster	Youngstown
James Robert Hollern	Columbus
Bonnie Lee Hope	Conneaut
James Earl Huffman	Mansfield
Gretchen Milner Hurst	Chagrin Falls
Theron Wesley Hysell	Columbus
Barbara Ann Jagger	Springfield
Naomi Schiller Jaynes	Columbus
Judith Biller Johnson	Tiffin
Robert Gordon Keeler	Columbus
Mary Katherine Kelly	Columbus
Robert Carl Klausing	Lima
Sandra Stuart Kucha	Granville
Mary Ann Laurisky	Murray City
Jane Reed Lay	Belle Center
Robert Charles Leahy, B.M.E. (University of Dayton)	Tiffin
Barbara Ann Lease	Ashland
Arnold Simon Levine	Cincinnati
Tobi Ann Levine	Akron
William Clifford Liming	Galena
Cindiella Marshall Litzinger	Columbus
Maxine Granet Lyons	South Orange, N. J.
Regina Henry Main	Ashley
Florence Ernstes Malin	Columbus
William Edwin Maple	Medina
Peggy Jean Marstrell	Newcomerstown
Barbara Ruth Martin	Columbus
Robert Michael Maselli	Columbus
David Craig Mason	Philo

* Two degrees

Sandra Lee McIntire.....	Columbus
Pamela Ulrich McQuown.....	Ridgeway
Anne McKee Mead.....	Columbus
Wayne Joseph Miller.....	Columbia Station
Virginia Louise Moeller.....	Barberton
Carol Petty Mog.....	Dublin
Rebecca Ellen Molnar.....	Coshocton
Willia Conn Montgomery.....	Newark
Carole Ann Morrell.....	Xenia
Richard Dale Morris.....	Rocky River
Joseph Francis Mullane, Jr.....	Philadelphia, Pa.
Helen Gray Mullins.....	Columbus
Rita Harris Munster.....	Akron
William Henry Murphy, B.A. (Carleton College).....	Wyoming
Martha Louise Myers.....	Columbus
Alice Jane Neiser.....	East Liverpool
Hazel Cramer Noxon.....	Amlin
Bonnie Lee Orders.....	Westerville
Marjorie Lewis Overturf.....	Mt. Sterling
Alex Robert Papagan.....	Youngstown
Malvern Lloyd Pearce.....	Plymouth
Martin Briggs Peterson, B.Sc. in Agr.....	Frankfort
David Howard Phillips.....	Columbus
Lynne Cummings Pickering.....	Columbus
Judith Ann Polsinelli.....	Logansport, Ind.
Marjorie Louise Porteus.....	West Lafayette
Doneen Harper Poulton.....	Mansfield
Roger Franklin Pry.....	Crestline
Robert Charles Purpura.....	Portsmouth
Constance Gribble Querry.....	Barberton
James Carl Rafferty.....	Barberton
Fred Wrightson Raisbeck.....	Zanesville
Sandra Jane Rau.....	Columbus
Charles Richard Ray.....	Lore City
Sandra Ellen Reed (cum laude).....	Columbus
Jeanne Allen Reese.....	Columbus
William Douglas Reynard.....	Mt. Vernon
Jane Richards.....	Columbus
James Henry Richburg.....	Cleveland
Cheryl Marie Riester.....	Mansfield
Adrienne C. Roberts.....	Maple Heights
Lois Lee Roberts, B.Sc.....	Gallipolis
Carol Myers Robinson.....	Marysville
James Victor Rohlf.....	West Unity
Bette Lois Rossen.....	Detroit, Mich.
Angela Vance Russell (summa cum laude).....	Reynoldsburg
Judy Ruth Schwartz.....	Youngstown
Susan Teichman Shapiro.....	University Heights
Judith Elaine Siegel.....	Columbus
David Brent Sigler.....	Chillicothe
Sonya Eileen Simon.....	Findlay
Harold David Singer.....	Watertown, N.Y.
Lila Kay Smith.....	Knox, Ind.
Mary Theresa Smith.....	Columbus
Marilyn Patricia Solt.....	Columbus
Irene Thelma Sonnanstine.....	Van Wert
James Creighton Spence.....	Old Washington

Eunice Catherine Staeber, A.B. (Marietta College)	Lancaster, N.Y.
Opal Berry Stauffer	Columbus
Mary Jo Stolle	Lebanon
Ronald Lee Stults	Columbus
Adrienne Sudman	Cleveland
Walter Charles Summers (cum laude)	Cleveland
John Edgar Swarthout	Woodsfield
Richard David Swetnam	Sherman, Tex.
Linda Jane Swinford	Columbus
Ann Elizabeth Taylor	Dayton
Rebecca Isadora Temple	Columbus
Jack Anthony Thomas	Columbus
Gary Tiktin	Columbus
Diana Douglas Tomlinson	Newark
Denny Lee Tracey	Columbus
Terry Lee Tucker	Mt. Vernon
Susan Daye Turner	Columbus
Ralph Milton Utterback, Jr.	North Canton
Harold Richard Vance	Byesville
Carolyn Joyce Van Fossen	Barnesville
Karen Hilda Van Gunten	Lima
Antoinette Jane Volpe	Yorkville
William Stanley Wachunas	Alliance
Beverly Foster Wallenhurst	Bellaire
Rochelle Esther Walter	Beachwood
Ruth Anita Walter	Lima
Janet Ann Waters	Marysville
Timothy Bruce Waters	Springfield
Beverly Polen Weaver	Suffield
Bonnie Bell Webb	Columbus
Richard Weiner	Columbus
Thomas Robert White, B.Sc. in Bus. Adm.	Columbus
Sandra Lee Wiandt	Coshocton
Thomas Lloyd Wickiser	Columbus
Mary Lou Wiess	Columbus
Nancy Louise Wilbirt	Akron
Margaret Frances Wildenthaler	Galion
Nancy Leibensperger Williamson	Columbus
Minerva Adams Wilson	Groveport
Harold David Wright	Radnor
Donald George Zauderer	Columbus
Mary Beth Zeyen	Columbus
Luna Cooper Zollinger	Columbus

(Two hundred and six candidates)

Bachelor of Fine Arts

Rollett Clayton Bloom	Columbus
Janet Ellen Briggs	Dayton
Donald Craig Clarke	Columbus
Eleana Maria Haessly	Olmsted Falls
Robert Lee Irwin	Columbus
Emily Frances Juh (cum laude)	Cleveland
Dorothy McKee McMurry	Shaker Heights
Marianne Elizabeth Ogg	Columbus
Donald Scott Taylor	Columbus

(Nine candidates)

Bachelor of Music

Laurence Eben MacDonald (cum laude).....Columbus
Randolph Roth.....Lorain

(Two candidates)

**Bachelor of Science
in Occupational Therapy**

Bonnie Jo Bainbridge.....Hialeah, Fla.
Katharine Tenke Gill.....Columbus
Thea Jane Kerr.....Homeworth
Carol Jean Kinker.....Cincinnati
Polly Dee Willaman.....Columbus

(Five candidates)

COLLEGE OF ENGINEERING

Dean: HAROLD A. BOLZ

Bachelor of Aeronautical and Astronautical Engineering

James Lee Mark.....Columbus
Gary Alfred Wilhelm.....Whitehouse

(Two candidates)

Bachelor of Ceramic Engineering

Bulent Erturk Yoldas.....Yozgat, Turkey

(One candidate)

Bachelor of Chemical Engineering

Nelson William Barnhill.....Norwood
Stanley Asher Metelko.....Newark

(Two candidates)

Bachelor of Civil Engineering

Stephen Joseph Lilly.....Columbus
Robert Alven Plikerd.....Sylvania

(Two candidates)

Bachelor of Electrical Engineering

Thomas Fleming Bowers.....Solon
Wilson Earl Lehman (cum laude).....Mt. Sterling
Lawrence Evan Pierce.....Columbus
Donald Paul Tracy.....Strasburg
Lawrence Dale Wozny.....Cleveland

(Five candidates)

Bachelor of Industrial Engineering

Donald Harry Dreher.....Columbus
Rufus Albert Freeman.....Flemington, N. J.
Myron Floyd Greene.....Bellaire
David Arthur Nippert.....Columbus
Errol Clark Sambuco.....Dillonvale
Kenneth Lee Underwood.....Rocky River
Ellwood Hohmann Witt, Jr.....Willoughby

(Seven candidates)

Bachelor of Mechanical Engineering

Lawrence Vernon Hiser, Jr.....Columbus
Calvin Albert Kodres, Jr.....San Jose, Calif.
Michael James Shilhan.....Columbus

(Three candidates)

Bachelor of Engineering in Mining

Harvey Sweetland Lewis, Jr.....Valley City
* Charles Anthony Willson.....Columbus

(Two candidates)

* Two degrees

**Bachelor of Science
in Physics**

* Richard Dale Brown.....Newark
Wayne Gordon Monahan.....Martins Ferry
Frederick Lee Riffe.....Woodville
* Craig Thompson Walters.....Columbus

(Four candidates)

Bachelor of Welding Engineering

Leonard James Fetzer.....Toledo
* Joe Duane Nunnikhoven.....Burlington, Ia.

(Two candidates)

• Two degrees

COLLEGE OF MEDICINE

Dean: RICHARD L. MEILING

SCHOOL OF NURSING

Bachelor of Science in Nursing

Barbara Marie Annick.....	Ashtabula
Carol Sue Brown.....	Germantown
Florence Evelyn Brown.....	Youngstown
Janis Graham Campbell.....	Garfield Heights
Charlotte Ann Davis.....	Dayton
Rosemary Ann Gerda.....	Cleveland
Muriel Hartman Hill.....	Toledo
Janet Lorene Jenkins.....	Dayton
Shirley Ann Kirkland.....	Youngstown
Julie Metcalf Lewis.....	Polk
Maureen Ann Mattimoe.....	Swanton
Patricia Bergman Nachman.....	Columbus
Susan Ellen Pollock.....	Euclid
Lynne Beckley Roeca.....	Akron
Margaret Ann Roloson.....	Worthington
Lynda Loo Saboe.....	Columbus
Patricia Parmelee Sattler.....	Toledo
Barbara Elaine Schmittgen.....	Elyria
Donna Jean Simpson.....	Avon Lake
Sue Ritchey Singer (cum laude).....	St. Clairsville
Patricia Ellen Sloan.....	Huntsburg
Suzanne Frazier Stonerock.....	Williamsport

(Twenty-two candidates)

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

Wooster, Ohio, September 13, 1963

The Board of Trustees met Friday, September 13, 1963, at the Ohio Agricultural Experiment Station, Wooster, Ohio, pursuant to adjournment.

Present: Thomas F. Patton, Chairman, Smith L. Rairdon, Alan B. Loop, Jacob E. Davis, Stanley C. Allyn, John W. Bricker, and Carlton S. Dargusch.

* * *

The minutes of the last meeting were approved.

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September 13, 1963 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Establishment of a College of Science and Engineering at The Dayton Campus of Miami University and The Ohio State University

The Faculty Council at a special meeting on July 26, 1963 approved the proposal that The Ohio State University establish a College of Science and Engineering at The Dayton Campus of Miami University and The Ohio State University in accordance with a "Memorandum of Understanding on Academic Activities in Dayton." The said Memorandum of Understanding was developed by the Presidents of the two Universities by authority of the Board of Trustees of both Universities, and it sets forth the division of responsibilities in the development and operation of the curricula and instructional programs for the respective Universities. The Council on Instruction of The Ohio State University, after a review of the Memorandum, recommended to the Faculty Council that the proposal to establish a College of Science and Engineering in Dayton be approved. Further, the said Memorandum officially identifies the area jointly utilized by the two Universities as "The Dayton Campus of Miami University and The Ohio State University."

It is therefore recommended that the Board of Trustees approve the "Memorandum of Understanding on Academic Activities in Dayton" and the establishment of a College of Science and Engineering at Dayton to be administered by The Ohio State University.

Upon motion of Mr. Davis, seconded by Mr. Bricker, the Board of Trustees by unanimous roll call vote approved the "Memorandum of Understanding on Academic Activities in Dayton" and the establishment of a College of Science and Engineering of The Ohio State University at The Dayton Campus of Miami University and The Ohio State University. The Secretary was instructed to file a copy of the said Memorandum with the official records of the Board of Trustees.

B. Revision of Rules 35.07 and 37.05 - Rules for the University Faculty

The Faculty Council on August 20, 1963 approved the following revisions in Rules for the University Faculty:

1. Revision of Rule relating to Em (proficiency) credit, effective Autumn Quarter 1963.
 - a. That in Rule 35.07, the word "thirty" in the third sentence of Section 1 of the Em paragraphs be deleted and the word "forty-five" be inserted in place thereof.
 - b. That in Rule 35.07, the last sentence of Section 1 of the Em paragraphs be deleted and the following sentence be inserted in place thereof:

Additional examination quarter credit hours may be assigned in the same manner but only with the prior approval of the Faculty Council.

I. GENERAL RECOMMENDATIONS (continued)

B. Revision of Rules 35.07 and 37.05 - Rules for the University Faculty
(continued)

2. Revision of marks for the College of Medicine.

- a. That Rule 35.07 be amended by adding an H at the appropriate alphabetical place in the first sentence of that Rule.
- b. That Rule 35.07 be amended by adding the following paragraph immediately following the paragraph discussing the mark of E:

H--Honors. This mark shall be used only by the College of Medicine for a student enrolled in the curriculum leading to the degree, Doctor of Medicine, when that student has completed a course in that curriculum with an exceptionally high degree of academic performance. H credit shall be counted as hours only and shall not be considered in determining a student's point-hour ratio under Rule 37.05.

- c. That in Rule 35.07, the S--Satisfactory paragraph be amended to read as follows:

S--Satisfactory. This mark shall be used as a final mark only for (a) a graduate student who has completed satisfactorily his thesis or dissertation research, (b) a graduate student who has completed satisfactorily a special problem or minor problem course in which the instructor works directly with the individual graduate student, and (c) a student enrolled in the College of Medicine in a curriculum leading to the degree, Doctor of Medicine, when that student has completed satisfactorily a course in that curriculum. A student who would be entitled to the mark of S if he had completed his work satisfactorily but who does not complete his work satisfactorily shall receive the mark of E. S credit shall be counted as hours only and shall not be considered in determining a student's point-hour ratio under Rule 37.05.

- d. That Rule 37.05 be amended by adding the following paragraph immediately following Section 2 of Rule 37.05:

September 13, 1963 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Revision of Rules 35.07 and 37.05 - Rules for the University Faculty
(continued)

Section 3. No College of Medicine point-hour average shall be computed for a student enrolled in the College of Medicine in a curriculum leading to the degree, Doctor of Medicine, when that student has received only the marks of H, S, or E in the College of Medicine.

- e. That these amendments relating to the marks for the College of Medicine become effective beginning with the Summer Quarter 1964 for all students enrolled in the College of Medicine except that they become effective at the beginning of the Autumn Quarter 1963 for the freshman class entering at that time.

It is therefore recommended that this action of the Faculty Council be approved.

Upon motion of Mr. Loop, seconded by Mr. Rairdon, the Board of Trustees by unanimous roll call vote approved the above recommendations, and the Secretary was authorized to revise Rules 35.07 and 37.05 of Rules for the University Faculty accordingly.

C. Honorary Degree

The Board of Trustees on June 14, 1963 approved the recommendation initiated by the Faculty Committee on Honorary Degrees, that the honorary degree, Doctor of Humane Letters, be conferred on Clarence Dewey Laylin.

The Faculty Council on August 20, 1963 approved the proposal of the Committee on Honorary Degrees that the honorary degree, Doctor of Laws, be conferred on Mr. Laylin instead of the honorary degree, Doctor of Humane Letters.

It is therefore recommended that the Board of Trustees approve the above change in honorary degree to be awarded to CLARENCE DEWEY LAYLIN.

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

D. Naming of Ancillary Facilities of the College of Medicine

Upon the recommendation of Dr. Richard L. Meiling, Dean, College of Medicine, and the Administrative Committee of that College, and with the concurrence of Mr. Frederick Stecker, Executive Director, University Relations, it is proposed that:

September 13, 1963 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Naming of Ancillary Facilities of the College of Medicine (continued)

1. The facility located at 473 West 12th Avenue be named "Upham Hall" in memory of the late Dean John H. J. Upham of the College of Medicine. Dr. Upham was first associated with the College upon its formation in 1914, and he served as Dean from 1928 until his retirement in 1941. He died in 1960.
2. The facility located at 472 West Eighth Avenue be named "Dodd Hall" in memory of Dr. Verne A. Dodd, who joined the staff of the College of Medicine at the time of its formation in 1914. He was appointed Chairman of the Department of Surgery in 1921 and Chief of Staff of University Hospital in 1922, serving with distinction in both capacities until his retirement in 1947. Dr. Dodd died in 1957.
3. The facility located at 400 West 12th Avenue be named "Wiseman Hall" in memory of Dr. Bruce K. Wiseman, who joined the staff of the College of Medicine in 1930 and served as Chairman of the Department of Medicine from 1944 until his death in 1960.
4. The term "The Ohio State University Hospitals" include the facilities named above, the University Hospital and Starling Loving Hall.

These recommendations have the concurrence of the President's Cabinet and are in accordance with the By-Laws of the Board of Trustees. They are hereby recommended for approval by the Board of Trustees.

Upon motion of Mr. Rairdon, seconded by Mr. Davis, the Board of Trustees by unanimous roll call vote approved the naming of the ancillary facilities of the College of Medicine indicated above.

E. Establishment of Two "Named Chairs" in the College of Medicine--"The Charles Austin Doan Chair of Medicine" and "The Robert M. Zollinger Chair of Surgery"

The Dean of the College of Medicine has proposed and the President's Cabinet concurs that the following two "named chairs" be established with the understanding that each chair will be activated when the income from the principal funds designated to support each chair is in sufficient amount in the opinion of the President to provide an adequate salary for the appointment of a distinguished scholar. It is therefore recommended that:

1. "The Charles Austin Doan Chair of Medicine" be established in the Department of Medicine to enhance graduate research and teaching but not limited thereto.
2. "The Robert M. Zollinger Chair of Surgery" be established in the Department of Surgery to enhance graduate research and teaching but not limited thereto.

September 13, 1963 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

E. Establishment of Two "Named Chairs" in the College of Medicine--"The Charles Austin Doan Chair of Medicine" and "The Robert M. Zollinger Chair of Surgery" (continued)

The income from designated gifts and bequests is of sufficient amount to anticipate the early activation of the above named chairs. The Dean of the College of Medicine is engaged in a program of solicitation of additional funds for support of these chairs in order that they might be activated in the near future.

Upon motion of Mr. Allyn, seconded by Mr. Bricker, the Board of Trustees by unanimous roll call vote approved the establishment of "The Charles Austin Doan Chair of Medicine" and "The Robert M. Zollinger Chair of Surgery."

F. Motor Vehicle, Traffic and Parking Regulations, The Ohio State University

The Commission on Traffic and Parking has been advised by the Office of The Attorney General of Ohio to formalize the code of Motor Vehicle regulations and file such regulations with the Secretary of State. The regulations have been revised and amended to comply with the aforementioned legal advice as well as to incorporate recommendations of the Commission on Traffic and Parking therein.

NOW BE IT RESOLVED that the Motor Vehicle, Traffic and Parking Regulations identified as Exhibit A be, and they hereby are, adopted as the Rules of The Board of Trustees of The Ohio State University regulating and controlling the use of motor vehicles on the land and property of The Ohio State University located in the City of Columbus, County of Franklin, and State of Ohio, and

BE IT FURTHER RESOLVED that the rules and regulations of the Commission on Traffic and Parking in interpretation of and pursuant to the authority contained in the aforesaid Motor Vehicle, Traffic and Parking Regulations and contained in the three pamphlets and maps, entitled, respectively, "Faculty and Staff - Motor Vehicle Regulations," "Student Motor Vehicle Regulations," and "Visitors - Motor Vehicle Regulations," which are attached hereto and made a part hereof are approved and made a part of the said Motor Vehicle, Traffic and Parking Regulations of The Ohio State University, and

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

Upon motion of Mr. Davis, seconded by Mr. Loop, the above resolution was unanimously approved by roll call vote, and the Secretary was instructed to file a copy of "Motor Vehicle, Traffic and Parking Regulations, The Ohio State University" with the official records of the Board of Trustees.

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September 13, 1963 meeting, Board of Trustees

II. PERSONNEL CHANGES

It is recommended that all personnel changes since the July 12, 1963 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 in Administrative Positions, Appointments, Leaves of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Titles:

A. Promotions in Administrative Positions

Richard H. Armitage from Associate Dean to Dean of the Graduate School, effective September 1, 1963, at a salary of \$18,972.00 per annum.

Austin E. Ritchie from Assistant Dean and Secretary of the College of Agriculture and Home Economics to Acting Executive Dean for Special Services, effective September 15, 1963, at a salary of \$14,976.00 per annum.

Kenneth L. Bader from Assistant Professor, Department of Agronomy, to Acting Assistant Dean and Secretary of the College of Agriculture and Home Economics, effective September 15, 1963, at a salary of \$11,268.00 per annum.

George E. Briggs from Professor, Department of Psychology, to Associate to Vice President for Research (half time) and Professor of Psychology (half time), effective August 1, 1963, at a total salary of \$16,380.00 per annum.

Edwin L. Kirby from Professor and Assistant Director to Professor and Acting Director, Agricultural Extension Service, effective October 1, 1963, at a salary of \$15,768.00 per annum.

Carroll L. Shartle from Professor, Department of Psychology, to Assistant Dean and Director of the Division of Research (part time - 75%), College of Commerce and Administration, and Professor (part time - 25%), Department of Psychology, effective January 1, 1964, at a total salary of \$20,472.00 per annum.

James C. Yocum from Professor and Associate Director to Professor and Director, Bureau of Business Research, effective October 1, 1963, at a salary of \$15,972.00 per annum.

Paul G. Craig from Professor to Professor and Chairman, Department of Economics, effective October 1, 1963, at a salary of \$17,676.00 per annum.

Leon I. Twarog from Professor and Chairman, Department of Slavic Languages and Literatures, to Associate Dean (half time), College of Arts and Sciences, and Professor and Chairman (half time), Department of Slavic Languages and Literatures, effective October 1, 1963, at a total salary of \$18,468.00 per annum.

September 13, 1963 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Appointments

Bruce D. Graham, Professor and Chairman, Department of Pediatrics, effective January 1, 1964, at a salary of \$24,168.00 per annum.

Noland L. VanDemark, Professor and Chairman, Department of Dairy Science, effective February 1, 1964, at a salary of \$13,044.00 per annum. Dr. VanDemark will also receive \$1,500.00 from the Cooperative Extension Service, and he will be employed concurrently at the Ohio Agricultural Experiment Station at a salary of \$3,324.00 per annum.

C. Leaves of Absence With Salary

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

Gordon J. Ryder, Associate Professor (Extension Agronomist), September 1, 1963 through February 29, 1964, to study at the University of California, Davis, California.

Russell W. Smith, Assistant Professor (Supervisor, 4-H Club Work), October 1, 1963 through March 31, 1964, to study at Columbia University (Teachers College).

Samuel W. Bone, Instructor (Extension Agronomist), October 1, 1963 through December 15, 1963, to study at The Ohio State University.

John E. Craine, Instructor (County Extension Agent, Agriculture) Greene County, October 1, 1963 through December 15, 1963, to study at The Ohio State University.

Donald J. Gehres, Instructor (County Extension Agent, Agriculture) Washington County, October 1, 1963 through December 15, 1963, to study at The Ohio State University.

William R. Schnug, Instructor (Extension Agricultural Engineer), October 1, 1963 through December 15, 1963, to study at The Ohio State University.

William P. Smith, Instructor (County Extension Agent, Agriculture) Gallia County, October 1, 1963 through March 15, 1964, to study at The Ohio State University.

D. Leaves of Absence Without Salary

Brewton Berry, Professor, Sociology and Anthropology, October 1, 1963 through December 31, 1963, to complete the revision of a book.

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

Leo A. Sapirstein, Professor, Physiology, October 1, 1963 through September 30, 1964, to continue research.

Daniel O. Fletcher, Associate Professor, Economics, October 1, 1963 through September 30, 1964, to do research work in Washington, D. C.

Homer K. Geiger, Associate Professor, Sociology and Anthropology, October 1, 1963 through September 30, 1964, to accept a Visiting Associate Professorship at the University of California, Berkeley, California.

John Gersten, Associate Professor, Anatomy, October 1, 1963 through September 30, 1964, due to ill health.

Reva L. Messier, Assistant Professor (part time - 51%), School of Home Economics, October 1, 1963 through September 30, 1964, due to ill health.

Bobbie D. Davis, Instructor (County Extension Agent, 4-H), Agricultural Extension Service, September 1, 1963 through February 29, 1964, to study at the University of Maryland.

Don L. Davis, Instructor (County Extension Agent, 4-H), October 1, 1963 through September 30, 1964, to study at The Ohio State University.

Kenneth A. Harkness, Instructor (part time - 80%), Agricultural Engineering, October 1, 1963 through September 30, 1964, to study for the Ph.D. degree at The Ohio State University.

Donald E. Kimmet, Instructor (County Extension Agent, 4-H), Agricultural Extension Service, September 1, 1963 through December 31, 1963, to study at The Ohio State University.

E. Emeritus Titles

Ruth Streitz, Education, with the title Professor Emeritus, effective August 1, 1963. (Corrected from October 1, 1963 as reported May 17, 1963.)

Robert O. Chadeayne, School of Art, with the title Associate Professor Emeritus, effective September 1, 1963. (Corrected from October 1, 1963 as reported June 14, 1963.)

Ethel M. Leazenbee, School of Nursing, with the title Associate Professor Emeritus, effective October 1, 1963.

September 13, 1963 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

E. Emeritus Titles (continued)

Royall H. Snow, English, with the title Associate Professor Emeritus, effective September 1, 1963.

Upon motion of Mr. Davis, seconded by Mr. Allyn, the Promotions in Administrative Positions, Appointments, Leaves of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles, and the personnel changes recorded in the official "Salary Roll" of the University were approved by roll call vote with Mr. Dargusch not voting, 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. Headquarters, 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 the U. S. Army Armor Center Project No. 573 - Mod. #20 - Engineering Experiment Station).
Gross Value - \$62,000.00.
- b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for A Phytochemical Search for Medicinal Constituents (to be known as National Institutes of Health Project No. 865 - Ext. #5 - College of Pharmacy).
Gross Value - \$20,640.00.
- c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for Physical-Chemical Studies of Muscle (to be known as National Institutes of Health Project No. 874 - Ext. #5 - Department of Physiology).
Gross Value - \$15,408.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- d. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for an Investigation of Hemopoiesis: A Histochemical and Cytological Study (to be known as National Institutes of Health Project No. 893 - Sup. #1 - Department of Anatomy).
Gross Value - \$14,327.00.
- e. Headquarters, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, for Intermittent Research Analysis (to be known as Aeronautical Systems Division Project No. 930 - Sup. #13 and Sup. #14 - RF Internal Supervision).
Gross Value - \$92,695.00.
- f. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for Fractionation Studies on Nondialyzable Materials of Human Urine (to be known as National Institutes of Health Project No. 1023 - Ext. #4 - Department of Physiological Chemistry and Pharmacology).
Gross Value - \$12,018.00.
- g. Headquarters, Rome Air Development Center, AFSC, Griffiss Air Force Base, New York, for (U) Absorption of Electromagnetic Energy by Nose Cones (to be known as Rome Air Development Center Project No. 1107 - Mod. #6 - Department of Electrical Engineering).
Gross Value - \$38,486.40.
- h. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for an Investigation of Electron Microscopy of Cervical Carcinogenesis (to be known as National Institutes of Health Project No. 1159 - Ext. #3 - Department of Pathology).
Gross Value - \$11,820.00.
- i. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for an Investigation of the Effect of Parathyroid Hormone on Pancreatitis in Experimental Animals (to be known as National Institutes of Health Project No. 1171 - Ext. #3 - Department of Surgery).
Gross Value - \$15,183.00.

September 13, 1963 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. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for an Investigation of Effects of Bone-conducted Sidetone in Stuttering (to be known as National Institutes of Health Project No. 1350 - Ext. #2 - Department of Speech).
Gross Value - \$19,017.00.
 - k. Headquarters, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, for Research Associated with Hypersonic Aerothermodynamic Simulation (to be known as Aeronautical Systems Division Project No. 1413 - Mod. #3 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$74,473.00.
 - l. Department of Health, Education and Welfare, Public Health Service, Bureau of State Services, Washington 25, D. C., for an Investigation of Man-Machine Compatibility in Very Low Altitude Flight (to be known as Bureau of State Services Project No. 1454 - Sup. #1 - Engineering Experiment Station).
Gross Value - \$6,150.00.
 - m. U. S. Army Materiel Command, Harry Diamond Laboratories, Washington 25, D. C., for an Investigation of Semiconductor Properties Affected by Acceleration (to be known as Harry Diamond Laboratories Project No. 1471 - Mod. #6 - Department of Electrical Engineering).
Gross Value - \$9,999.00.
 - n. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for an Investigation of Oxidative Synthesis of Complex Isoquinoline Alkaloids (to be known as National Institutes of Health Project No. 1515 - Ext. #1 - Department of Chemistry).
Gross Value - \$12,201.00.
 - o. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for Chemical Studies of Stimulated Retina (to be known as National Institutes of Health Project No. 1575 - Sup. #1 - Institute for Research in Vision).
Gross Value - \$9,779.00.
 - p. Air Force Institute of Technology, Air University, United States Air Force, Wright-Patterson Air Force Base, Ohio, for Teaching Services for Air Force Military Personnel at Ellsworth Air Force Base, South Dakota (to be known as Air Force Institute of Technology Project No. 1600 - C. O. #2 - Defense Management Center).
Gross Value - \$150,000.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- q. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for General Research Support Program (to be known as National Institutes of Health Project No. 1611 - Rev. Award of 6/13/63 - College of Dentistry).
Gross Value - \$3,956.00.
- r. Electronic Systems Division, AFSC, Laurence G. Hanscom Field, Bedford, Massachusetts, to Perform Research on the High Resolution Infrared Spectroscopy of Molecules (to be known as Electronic Systems Division Project No. 1619 - Sup. #2 - Department of Physics).
Gross Value - \$20,000.00.
- s. U. S. Army Research Office (Durham), Box CM, Duke Station, Durham, North Carolina, for an Investigation of 4237-C - Synthesis and Properties of Naphtho- and Phenanthraquinones (to be known as U. S. Army Research Office (Durham) Project No. 1667 - New - Department of Chemistry).
Gross Value - \$17,513.00.
- t. Headquarters, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, for Research on Human Information Processing and Decision Making Behavior (to be known as Aeronautical Systems Division Project No. 1674 - New - Department of Psychology).
Gross Value - \$108,958.00.
- u. Classified Program (to be known as Classified Program Project No. 1675 - New - Department of Electrical Engineering).
Gross Value - \$100,000.00.
- v. U. S. Army Research Office (Durham), Box CM, Duke Station, Durham, North Carolina, for an Investigation of 2929-MC - Strength of Structural Ceramics Under Impact Loading (to be known as U. S. Army Research Office (Durham) Project No. 1681 - New - Department of Ceramic Engineering).
Gross Value - \$18,108.00.
- w. Department of Health, Education and Welfare, Office of Education, Washington 25, 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 - New - Bureau of Educational Research and Service).
Gross Value - \$37,686.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- x. U. S. Army Biological Laboratories, Fort Detrick, Frederick, Maryland, for Investigations of the Nutritional Requirements for the Growth of Insect Tissues (to be known as U. S. Army Biological Laboratories Project No. 1684 - New - Department of Zoology and Entomology).
Gross Value - \$9,000.00.
- y. National Science Foundation, Washington 25, D. C., for Research on Syntactic Analysis (to be known as National Science Foundation Project No. 1685 - New - Department of English).
Gross Value - \$100,000.00.
- z. National Science Foundation, Washington 25, D. C., for an Investigation of Mixing in Ergodic Theory (to be known as National Science Foundation Project No. 1686 - New - Department of Mathematics).
Gross Value - \$12,900.00.
- aa. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for an Investigation of Response of Splenectomized Monkeys to Infection (to be known as National Institutes of Health Project No. 1687 - New - Department of Medicine and Department of Microbiology).
Gross Value - \$28,809.00.
- bb. Department of Health, Education and Welfare, Vocational Rehabilitation Administration, Washington 25, D. C., for an Investigation of Perception of Altered Acoustic Stimuli by the Deaf (to be known as Vocational Rehabilitation Administration Project No. 1688 - New - Department of Speech).
Gross Value - \$17,477.00.
- cc. U. S. Department of Agriculture, Agriculture Research Service, Eastern Utilization Research and Development Division, 600 East Mermaid Lane, Philadelphia 18, Pennsylvania, for an Investigation of the Calcium-Phosphate System of Milk (to be known as U. S. Department of Agriculture Project No. 1690 - New - Department of Chemistry).
Gross Value - \$84,133.00.
- dd. National Aeronautics and Space Administration, Washington 25, D. C., for an Investigation of Spacecraft Antenna Problems (to be known as National Aeronautics and Space Administration Project No. 1691 - New - 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)

- ee. U. S. Naval Air Development Center, Johnsville, Pennsylvania, for an Investigation of Airborne Volumetric Scanning Antennas (to be known as U. S. Naval Air Development Center Project No. 1693 - New - Department of Electrical Engineering).
Gross Value - \$66,172.00.
- ff. National Science Foundation, Washington 25, D. C. , for an Investigation of Biosystematics of Silphium Composition Michx (to be known as National Science Foundation Project No. 1696 - New - Department of Botany and Plant Pathology).
Gross Value - \$8,700.00.
- gg. National Science Foundation, Washington 25, D. C. , for an Investigation of Hyperbolic Parabolic Shells (to be known as National Science Foundation Project No. 1699 - New - Department of Engineering Mechanics).
Gross Value - \$18,400.00.
- hh. Department of Health, Education and Welfare, Bureau of State Service, Washington 25, D. C. , for an Investigation of Multiple Isoenzyme Characterization of Serum, Organs (to be known as Bureau of State Service Project No. 1700 - New - Departments of Preventive Medicine and Pathology).
Gross Value - \$43,333.00.
- ii. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, Pacemaker for Human Neurogenic Bladder (to be known as National Institutes of Health Project No. 1702 - New - Department of Surgery).
Gross Value - \$46,128.00.

TOTAL - Government Contracts - Federal \$1,350,299.40

2. Industrial and Other Contracts

- a. Alloy Casting Institute, 300 Madison Avenue, New York City, New York, for an Investigation of Cast Corrosion Resistant Alloys (to be known as Alloy Casting Institute Project No. 350 - Amend. #15 - Engineering Experiment Station).
Gross Value - \$13,000.00.
- b. University of Illinois, Business Office, Purchasing Department, 203 Administration Building, Urbana, Illinois, for Transmission of Pulsed Radio Signals at 6.4MC/S (to be known as University of Illinois Project No. 473 - Mod. #35 - Department of Electrical Engineering).
Gross Value - \$1,350.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

2. Industrial and Other Contracts (continued)

- c. Illuminating Engineering Research Institute, 1860 Broadway, New York 23, New York, for Studies of the Illumination Requirements for Roadway Visual Tasks (to be known as Illuminating Engineering Research Institute Project No. 872 - Sup. #6 - Institute for Research in Vision).
Gross Value - \$2,500.00.
- d. Illuminating Engineering Research Institute, 1860 Broadway, New York 23, New York, for Studies of Visual Performance and Illumination (to be known as Illuminating Engineering Research Institute Project No. 885 - Ext. #6 - Institute for Research in Vision).
Gross Value - \$21,500.00.
- e. The Goodyear Tire & Rubber Company, 1144 East Market Street, Akron 16, Ohio, for an Investigation of Synthesis of Isoprene (to be known as The Goodyear Tire & Rubber Company Project No. 1118 - Ext. #3 - Department of Chemistry).
Gross Value - \$6,000.00.
- f. A. H. Robins Company, Inc., 1407 Cummings Drive, Richmond 20, Virginia, for Isolation of Active Constituents of Certain Plants with Reputed Medicinal Value (to be known as A. H. Robins Company, Inc. Project No. 1209 - Ext. #3 - College of Pharmacy).
Gross Value - \$3,600.00.
- g. The Petroleum Research Fund, American Chemical Society, 1155 - 16th Street, N. W., Washington 6, D. C., for an Investigation of Charge Distribution in Molecules (to be known as The Petroleum Research Fund Project No. 1282 - Ext. #1 - Department of Chemistry).
Gross Value - \$14,000.00.
- h. The Midwest Program on Airborne Television Instruction, Memorial Center, Purdue University, Lafayette, Indiana, for Research and Evaluation on MPATI Telecasts, 1961-1962 (to be known as The Midwest Program on Airborne Television Instruction Project No. 1367 - Ltr. dated 5/28/63 - Bureau of Educational Research and Service).
Gross Value - \$8,000.00.
- i. The Regents of the University of Wisconsin, Madison 6, 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 - Voucher #98961 - Department of Surgery).
Gross Value - \$1,570.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

2. Industrial and Other Contracts (continued)

- j. The Petroleum Research Fund, American Chemical Society, 1155 - 16th Street, N. W., Washington 6, D. C., for an Investigation of Clay-Organic Complexes (to be known as The Petroleum Research Fund Project No. 1478 - Ltr. dated 6/27/63 - Department of Mineralogy).
Gross Value - \$960.00.
- k. The National Foundation, 800 Second Avenue, New York 17, New York, for Birth Defects Clinical Study Center (to be known as The National Foundation Project No. 1481 - Ltr. dated 6/24/63 - Children's Hospital).
Gross Value - \$25,000.00.
- l. Systems Research Laboratories, Inc., 500 Woods Drive, Dayton 32, Ohio, for an Investigation of Low-Voltage Electron Gun Assemblies (to be known as Systems Research Laboratories, Inc. Project No. 1689 - New - Department of Electrical Engineering).
Gross Value - \$6,700.00.
- m. American Heart Association, Inc., 44 East 23rd Street, New York 10, New York, for Heart Research (to be known as American Heart Association, Inc. Project No. 1694 - New - Department of Physiology).
Gross Value - \$1,000.00.
- n. Paint Research Institute, 2104 Douglass Boulevard, Louisville 5, Kentucky, for an Investigation of New Phenolic Intermediates (to be known as Paint Research Institute Project No. 1695 - New - Department of Chemical Engineering).
Gross Value - \$6,228.00.
- o. American Cancer Society, Inc., 521 West 57th Street, New York 19, New York, for The Identification of Malignant Cells in the Peripheral Blood (to be known as American Cancer Society, Inc. Project No. 1698 - New - Department of Pathology).
Gross Value - \$73,297.00.
- p. Arctic Institute of North America, Inc., 1530 P Street, N. W., Washington 5, D. C., for Sukkertoppen Ice Cap Studies (to be known as Arctic Institute of North America, Inc. Project No. 1701 - New - Institute of Polar Studies).
Gross Value - \$8,000.00.

TOTAL - Industrial and Other Contracts \$192,705.00

September 13, 1963 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

2. Industrial and Other Contracts (continued)

The foregoing fifty-one contracts for research in cooperation with Government, Industry and Other represent a gross income of \$1,543,004.40.

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

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

During the period from July 1, 1963 through August 30, 1963, 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

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|---------|--|
| EES 196 | Terrain Investigation Techniques for Highway Engineers, Ohio Department of Highways, Columbus, Ohio, Bureau of Public Roads, Washington, D. C.
Gross Value - \$71,232.00. |
| EES 235 | A Study of Structural Evaluation of Flexible Pavements, Ohio Department of Highways, Columbus, Ohio, Bureau of Public Roads, Washington, D. C.
Gross Value - \$72,480.00. |
| EES 236 | Comparative Studies on Corrugated Metal Culvert Pipes, Ohio Department of Highways, Columbus, Ohio, Bureau of Public Roads, Washington, D. C.
Gross Value - \$15,636.00. |

TOTAL - Government Research Contracts \$159,348.00

2. Industrial Research Contracts

- | | |
|--------------------|---|
| EES 204
Ext. #3 | A Study of Hydrostatic Oil Bearings, The Gleason Works, Rochester, New York.
(Extension of time only) |
| EES 232 | A Study of V-Belts, Dayco Corporation, Belt Engineering Department, Springfield, Missouri.
Gross Value - \$3,464.00. |

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

2. Industrial Research Contracts (continued)

EES 234 Forced Convection Frosting of Finned Coils in Cross-
 flow of Air, American Society of Heating, Refrigerating
 and Air Conditioning Engineers, Inc., United Engineer-
 ing Center, New York 17, New York.
 Gross Value - \$3,504.00.

TOTAL - Industrial Research Contracts \$6,968.00

The foregoing six contracts for research in the Engineering Experiment Station represent a gross income of \$166,316.00.

C. Agreement Between the College of Medicine of
The Ohio State University and Mount Carmel
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 the Mount Carmel 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 Mount Carmel Hospital. Thus, the professional staff of Mount Carmel Hospital will collaborate in the teaching of The Ohio State University medical students in a private hospital. Should such an agreement be approved, it is expected that beginning Autumn Quarter 1963 a selected number of junior students of the College of Medicine would spend a portion of their time at Mount Carmel Hospital. The students would be rotated so that eventually the entire class would have an opportunity to share in this learning experience.

The Lay Advisory Board of Mount Carmel Hospital has indicated its willingness to participate in an affiliate teaching program and it is therefore recommended that the President be authorized to sign such an agreement on behalf of the University with the understanding that there is no financial obligation on the part of the University.

Upon motion of Mr. Loop, seconded by Mr. Dargusch, 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 Mount Carmel Hospital for an affiliate teaching program.

D. Agreement Between The Ohio State University and the
Agency for International Development for Technical
Assistance to the Government of Guinea

The Ohio State University through its College of Commerce and Administration has been invited to provide technical advice and professional assistance to the Government of Guinea as a part of the foreign assistance program administered by the Agency for International Development (AID) of the United States Department of State.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

D. Agreement Between The Ohio State University and the Agency for International Development for Technical Assistance to the Government of Guinea (continued)

Briefly, this request is for The Ohio State University to provide three persons to give technical advice and assistance by providing consultation and instruction for Government of Guinea personnel including the development of on-the-job-training programs in such areas as: requirements determination, source selections, procurement, contract administration, ocean transportation, export-import procedures, materials handling, and warehouse management.

The Agency for International Development has proposed a contract which will become effective on the date of execution continuing through August 31, 1966. The total value of the contract proposed is \$467,748.00. The Dean of the College of Commerce and Administration has proposed that such a contract be negotiated subject to the availability of qualified personnel, and it is therefore recommended that the President be authorized to sign a contract on behalf of The Ohio State University in which the University agrees to assist in performing the services indicated above with the understanding that all costs for this program are to be covered by funds from the Agency for International Development.

Upon motion of Mr. Bricker, seconded by Mr. Rairdon, the Board of Trustees by unanimous roll call vote authorized the President to sign the contract between The Ohio State University and AID for technical assistance to the Government of Guinea.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University, including the establishment of a scholarship fund, are hereby reported for the record and appropriate expressions of appreciation have been conveyed.

A. Administered Through the Office of Business and Finance

1. \$166,692.00 granted by the Federal Aviation Agency to the University under terms of the Federal Airport Act for the airport development at The Ohio State University, Columbus, Ohio. (Grant EA-660)
2. \$43,020.00 granted by the Department of Health, Education and Welfare, Office of Vocational Rehabilitation, Washington 25, D. C., to the University for a "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)

September 13, 1963 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

3. \$30,753.00 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 in Psychiatry," under the direction of Dr. Ralph M. Patterson, Department of Psychiatry, for the period September 1, 1963 through August 31, 1964. (Grant 5 T2 MH-5924-13 - Formerly: 2M-5924-C12)
4. \$25,000.00 granted by the Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, to the University for "Cancer Training," under the direction of Dr. Emmerich von Haam, Department of Pathology, for the period September 1, 1963 through August 31, 1964. (Grant T2 CA 469-17)
5. \$20,607.00 granted by the Department of Health, Education and Welfare, Office of Vocational Rehabilitation, Washington 25, D. C., to the University for "Teaching and Traineeship Grant in Physical Therapy," under the direction of Miss Gladys B. Woods, for the period September 1, 1963 through August 31, 1964. (Grant VRA 209-T-64)
6. \$11,490.00 granted by the Department of Health, Education and Welfare, Public Health Service, Bureau of State Services, Division of Community Health Services, Washington 25, D. C., to the University for "Traineeship Grant for the School of Nursing," under the direction of Frances M. Pease, School of Nursing, for the period July 1, 1963 through June 30, 1964. (Grant 64-534)
7. \$7,470.00 granted by the Department of Health, Education and Welfare, Office of Vocational Rehabilitation, Washington 25, D. C., to the University for "Traineeships in the Field of Occupational Therapy," under the direction of Miss Barbara Locher, Department of Occupational Therapy, for the period September 1, 1963 through August 31, 1964. (Grant VRA 176-T-64)

TOTAL - Through the Office of Business and Finance \$305,032.00

B. Received Through the Development Fund

1. \$18,900.00 from the Trust under the Will of Anna Roessler-- \$9,550.00 for scholarships in medicine and \$9,350.00 for scholarships.
2. \$12,500.00 from the American Chemical Society for petroleum research.
3. \$10,000.00 from the Ohio Lions Eye Research Foundation for research.
4. \$8,400.00 from The International Nickel Company, Inc. for a fellowship.
5. \$8,130.00 from The Charles F. High Foundation for scholarships.

September 13, 1963 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

6. \$7,820.00 from Owens-Illinois Glass Company for scholarships.
7. \$6,000.00 from United States Steel Foundation, Inc. for a two-year graduate study fellowship in Mechanical Engineering.
8. \$5,224.09 from Ralph T. Lewis--\$5,000.00 for The Ralph T. Lewis Marion Branch Scholarship Fund and \$224.09 for Alumni Endowment Fund.

The Ralph T. Lewis Marion Branch Scholarship Fund

The Ralph T. Lewis Marion Branch Scholarship Fund was established July 23, 1963 by a gift through the Development Fund from Ralph T. Lewis, to be invested in accordance with Sec. 3345.16 G. C. The income is to be used for an annual scholarship at the Marion, Ohio, Branch of The Ohio State University. In the event no scholarship is awarded at the Marion Branch in any given year, then The Ohio State University may award the scholarship to any student at the said University, preference to be given to students from Marion County, Ohio.

9. \$5,200.00 from the American Oil Company, Whitney, Indiana, for a fellowship in Chemistry.
10. \$5,100.00 from Sears Roebuck Foundation for scholarships.
11. \$5,000.00 from Dr. John J. Fahey as an unrestricted gift to the University.
12. \$3,000.00 from Ethicon, Inc., Somerville, New Jersey, for research in Obstetrics and Gynecology.
13. \$2,700.00 in securities (75 shares of The Firestone Tire and Rubber Company common stock) from Raymond C. Firestone for the School of Home Economics. These securities are listed at their mean market price as of August 27, 1963.
14. \$2,600.00 from The Babcock & Wilcox Company, New York, New York, for engineering and technical education.
15. \$2,500.00 from Dr. Victor L. Steffel, Columbus, Ohio, for a student loan fund in Dentistry, entitled the Victor L. and Marie M. Steffel Student Loan Fund.
16. \$2,500.00 from Phillips Petroleum Company, Bartlesville, Oklahoma, for a fellowship in Chemistry.
17. \$2,500.00 from Socony Mobil Oil Company, Inc., for a fellowship in Physics.

September 13, 1963 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

18. \$2,000.00 from Relm Foundation, Ann Arbor, Michigan, for fellowship in Political Science.
19. \$1,200.00 from The Markey Foundation, Bryan, Ohio, for scholarships. (This gift developed by Mr. Alan B. Loop.)
20. \$1,000.00 from Walter English as an undesignated gift to the University.
21. \$1,000.00 from Charles Y. Lazarus as an undesignated gift to the University.
22. \$1,000.00 from Howard E. LeFevre as an undesignated gift to the University.
23. \$1,000.00 from Jack S. Resler as an undesignated gift to the University.
24. \$1,000.00 from James R. Riley as an undesignated gift to the University.
25. \$1,000.00 from Harold F. Zieg as an undesignated gift to the University.

TOTAL - Through the Development Fund \$117,274.09

Upon motion of Mr. Rairdon, seconded by Mr. Allyn, the above report of grants and gifts, including the establishment of a scholarship fund, was accepted by unanimous roll call vote, and the Secretary was instructed to include the report in the minutes of this meeting.

C. Report from The Ohio State University Development Fund

1. July, 1963

In July, 1963, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	1,326	\$ 19,496.90
Individuals, other than alumni	169	32,500.10
Non-profit organizations	39	43,710.02
Business concerns	50	35,184.71
	<u>1,584</u>	<u>\$130,891.73</u>

Of these gifts, 1,112 totaling \$8,704.00 were undesignated and 472 totaling \$122,187.73 were designated.

September 13, 1963 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

2. August, 1963

In August, 1963, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	657	\$ 29,609.77
Individuals, other than alumni	68	4,291.44
Non-profit organizations	48	77,101.54
Business concerns	41	54,672.83
	<u>814</u>	<u>\$165,675.58</u>

Of these gifts, 567 totaling \$5,439.24 were undesignated and 247 totaling \$160,236.34 were designated.

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V. APPROPRIATIONS AND TRANSFER OF FUNDS

A. Grant-in-Aid for Research and Assigned Research Duty

On September 8, 1961 the Board of Trustees authorized the establishment of the University Treasurer Research Account with six subaccounts for specific purposes. Subaccount (d), identified as Research Fellowships and Grants, was established in accordance with action of the Board on October 19, 1953.

Upon recommendation of the Vice President for Research, and with the concurrence of the President's Cabinet, it is recommended that an amount of \$300,000.00 be allocated from the funds received in Subaccount (d) during the 1963-64 fiscal year to be used for research fellowships and grants-in-aid to support research for the 1964-65 fiscal year.

Upon motion of Mr. Bricker, seconded by Mr. Davis, the allocation of \$300,000.00 for the purpose recommended above was approved by unanimous roll call vote.

B. Appropriations for the Development of Research Projects

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:

\$37,000.00 for television equipment for the laboratory of the Personnel Research Board in the Research Space under the East Side of the Stadium

Subaccount (a)

September 13, 1963 meeting, Board of Trustees

V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

B. Appropriations for the Development of Research Projects (continued)

\$24,000.00 for furniture to equip the laboratory and offices for the Personnel Research Board in the Research Space under the East Side of the Stadium	Subaccount (b)
\$16,000.00 for the purchase of equipment for the Departments of Astronomy, Chemistry, Physics, and Microbiology for use of new staff members to begin research	Subaccount (f)
\$9,800.00 to provide matching funds for a grant from the National Institutes of Health for research in vision equipment	Subaccount (f)
\$7,600.00 to provide funds for research equipment to assist starting several new research projects for the Department of Sociology and Anthropology	Subaccount (e)
\$7,000.00 to renovate Mendenhall Laboratory for the installation of X-ray research equipment	Subaccount (b)
\$6,230.00 for the landscaping, new road, etc., for the radio-telescope location at the Perkins Observatory site	Subaccount (f)
\$6,205.00 to provide matching funds for a grant from AEC for purchase of equipment in high energy physics	Subaccount (f)
\$5,385.00 to secure nuclear spectroscopy equipment for the Department of Physics	Subaccount (a)
\$5,000.00 to purchase research apparatus for the Department of Geology. (Deposit in Account 19187)	Subaccount (a)
\$5,000.00 for purchasing a liquid helium cooled photoconductive detector for the Department of Physics	Subaccount (a)
\$5,000.00 to purchase an ultra-centrifuge for the College of Veterinary Medicine. (Deposit in Account 19147)	Subaccount (f)
\$3,500.00 to the Graduate School to provide funds for the publication of research findings. (Deposit in Account 19177)	Subaccount (c)

September 13, 1963 meeting, Board of Trustees

V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

B. Appropriations for the Development of Research Projects (continued)

\$1,500.00 to acquire research equipment for the
Department of Microbiology Subaccount (a)

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

C. 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 Pomerene Refectory Rotary 86228 to Rotary 18311.

Upon motion of Mr. Rairdon, seconded by Mr. Allyn, the transfer of funds from Rotary 86228 to Rotary 18311 was unanimously approved by roll call vote.

D. University Airport

It is recommended that an amount not to exceed \$15,000.00 be appropriated from the University Treasurer General Account 19999 to provide funds for deferred maintenance and improvements on equipment at the University Airport.

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

E. Extra Orders on Capital Improvement Projects

It is now estimated that an additional amount of \$35,000.00 will be required to complete the building projects under construction. It is, therefore, recommended that the Board of Trustees approve the additional allocation of this amount from Subaccount (f) in the University Treasurer Research Account for such expenses as may be necessary for the above stated purposes.

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

F. The Ohio State University Development Fund Budget for 1963-64

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, 1964 and that an operating budget in the amount of \$137,596.00 be approved. The budget amount will be provided as follows:

September 13, 1963 meeting, Board of Trustees

V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

F. The Ohio State University Development Fund Budget for 1963-64 (continued)

University Allocation	\$ 85,000.00
Cumulative Interest on Development Fund Investments	<u>52,596.00</u>
	\$137,596.00

Upon motion of Mr. Rairdon, seconded by Mr. Bricker, the above recommendation for allocation of funds was approved by roll call vote. Mr. Alan B. Loop did not vote for the reason that he serves as a member of the Board of Directors of The Ohio State University Development Fund.

G. Appropriations for University Administrative Officials

Mr. Allyn, a member of the Finance and Investment Committee, presented the recommendation that the following amounts be appropriated from the unrestricted interest on endowment funds in the University Treasury to the administrative officers of the University for the purpose of carrying out their administrative responsibilities during the 1963-1964 fiscal year: 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 and Secretary; Acting Executive Dean, Special Services; Executive Dean, Student Relations; Executive Director, Campus Planning; Executive Director, University Relations; Executive Assistant to the President and Director, Personnel Budget; 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.

Upon motion of Mr. Bricker, seconded by Mr. Rairdon, the above recommendation was unanimously approved 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 in each case.

A. Research Space - East Side of Stadium (Phase II) (Personnel Research Board)

Heating, Ventilating and Air Conditioning Contract

It is recommended that a flexible rubber connection be provided in lieu of flexible metal hose connection between the chiller and water pump and the piping and that rubber hanger points be provided for all refrigerant and chilled water piping.

Add \$526.00

Funds will be provided from Budget Account 91020, H. B. 711.

September 13, 1963 meeting, Board of Trustees

VI. EXTRA ORDERS TO CONTRACTS (continued)

B. Student Housing, Building No. 3 (Blackburn House)

General Contract

It is recommended that 3/8" stainless steel rods with tamper-proof fastenings be furnished and installed at the front edge of each of the three stainless steel shelves in a total of 57 bathrooms. Add \$510.00

Funds will be provided from the Dormitory Construction Fund.

C. Student Housing, Buildings No. 4, 5 and 6 (Haverfield, Norton and Scott Houses)

General Contract

It is recommended that 3/8" stainless steel rods with tamper-proof fastenings be furnished and installed at the front edge of each of the three stainless steel shelves in a total of 102 bathrooms in Buildings No. 5 and 6. Add \$900.00

Funds will be provided from the Dormitory Construction Fund.

Upon motion of Mr. Davis, seconded by Mr. Allyn, the above recommendation was unanimously approved by 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. Starter's Shelter, University Golf Course

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

B. Improvements in Electrical Systems, University Hospital

Funds for this project will be provided from the University Hospital Rotary.

VII. PLANS AND SPECIFICATIONS (continued)

C. Storm Sewer Improvement at University Airport

Funds for this project will be provided from Department 2375, Budget Account 12350.

Upon motion of Mr. Allyn, seconded by Mr. Davis, the above recommendation was unanimously approved by roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above 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 shall 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. Repairing and Patching a Portion of the Exterior Concrete Surface of the Stadium

Bids were received on August 6, 1963 for this project and the award of contract recommended to the lowest and best bidder as follows:

	<u>Low Bid</u>	<u>Rev. Est. of Cost</u>
(5 bids received)		
The Penetryn Systems, Inc. (Cleveland, Ohio)		
Base Bid	\$13,000.00	\$20,000.00
Alternate No. 2 - Two Additional Sections	1,860.00	3,600.00
Total	<u>\$14,860.00</u>	<u>\$23,600.00</u>

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

B. Repairs to Steam Lines and Heating Systems in Four Buildings

Bids were received on August 6, 1963 for this project and the award of contract recommended to the lowest and best bidder as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
(2 bids received)		
The Limbach Company (Columbus)	\$13,606.00	\$19,000.00

Funds for this project will be provided from Department 2355, Budget Account 12350.

VIII. REPORT OF AWARD OF CONTRACTS (continued)

C. Repairs to Electrical Distribution Systems in Five Buildings

Bids were received on August 23, 1963 for this project and the award of contract recommended to the lowest and best bidder as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
(4 bids received)		
Jess Howard Electric Company (Columbus)	\$28,497.00	\$44,000.00

Funds for this project will be provided from Department 2355, Budget Account 12350.

D. Starling Loving Hall, Rehabilitation of Room M-100

Bids were received on August 6, 1963 for this project and the award of contracts recommended to the lowest and best bidders as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (6 bids received)		
Pendleton Construction Co. (Columbus)	\$ 9,995.00	\$12,084.00
<u>Heating, Ventilating and Air Conditioning Contract</u> (5 bids received)		
Huffman-Wolfe Co. (Columbus)	20,169.00	27,940.00
<u>Electrical Contract</u> (3 bids received)		
Mid-City Electric Co. (Columbus)	6,359.00	6,490.00
Total contracts	<u>\$36,523.00</u>	<u>\$46,514.00</u>

Funds for this project will be provided from the University Hospital Rotary.

E. Interior Painting and Patch Plastering Military Science Building

Members of the Board of Trustees were notified of the need to proceed with this project on July 22, 1963 and subsequently bids were received on August 23, 1963 and the award of contract recommended to the lowest and best bidder as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
(6 bids received)		
The Timothy J. Martin Painting Co., Inc. (Columbus, Ohio)	\$ 9,443.00	\$13,100.00

Funds for this project will be provided from Department 2355, Budget Account 12350.

VIII. REPORT OF AWARD OF CONTRACTS (continued)

F. Repair of Primary Electric Cables to West Campus

Members of the Board of Trustees were notified of the need to proceed with this project on July 22, 1963 and subsequently bids were received on August 23, 1963 and the award of contract recommended to the lowest and best bidder as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
(4 bids received)		
Pence Electric Company (Columbus)	\$ 20,880.00	\$ 17,800.00

Funds for this project will be provided from Department 2355, Budget Account 12350.

G. Rehabilitation of Rooms 402A, B, C and 403A, B, C, Starling Loving Hall

Bids were received on August 20, 1963 for this project and the General Contract was readvertised with bids received on August 29, 1963 and the award of contracts recommended to the lowest and best bidders as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract (Readvertised)</u>		
(2 bids received)		
Waller & Lund, Inc. (Columbus)	\$ 4,849.00	\$ 5,187.50
<u>Air Conditioning Contract</u>		
(6 bids received)		
United Refrigeration Co. (Columbus)	4,685.00	5,665.00
Total contracts	<u>\$ 9,534.00</u>	<u>\$ 10,852.50</u>

Funds for this project will be provided from the University Hospital Rotary.

H. Addition to Antenna Laboratory

Bids were received for this project on August 23, 1963 and the Heating, Ventilating and Air Conditioning Contract was readvertised with bids received on August 30, 1963. The recommendation for award of contracts to the lowest and best bidders is as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(11 bids received)		
Sheaf Construction Co. (Columbus)		
Base Bid	\$138,840.00	\$196,537.00
Alt. G-1 Asphaltic Paving & Curbs	5,700.00	6,950.00
Alt. G-2 Paint Exterior of Existing Building	650.00	2,625.00
Alt. G-3 Removable Partitions	1,400.00	3,505.00
Alt. G-4 Exterior Wall Coating	2,200.00	1,650.00
Alt. G-5 Site Improvement	5,900.00	17,927.00
Total contract	<u>\$154,690.00</u>	<u>\$229,194.00</u>

VIII. REPORT OF AWARD OF CONTRACTS (continued)

H. Addition to Antenna Laboratory (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u>		
(5 bids received)		
J. A. Guy, Inc. (Columbus)		
Base Bid	\$ 13,870.00	\$ 20,747.00
Alt. P-1 Storm Drainage	2,700.00	2,675.00
Total contract	<u>\$ 16,570.00</u>	<u>\$ 23,422.00</u>
 <u>Electrical Contract</u>		
(6 bids received)		
Mid-City Electric Co. (Columbus)	\$ 40,779.00	\$ 45,476.00
 <u>Equipment Contract</u>		
(1 bid received)		
Smith & Schaefer, Inc. (Cincinnati)	\$ 3,880.00	\$ 5,676.00
 <u>Heating, Ventilating & Air Conditioning</u>		
<u>Contract (Readvertised)</u>		
(1 bid received)		
Limbach Company (Columbus)	\$ 54,880.00	\$ 57,500.00
Total Contracts	<u>\$ 270,799.00</u>	<u>\$ 361,268.00</u>

Funds for this project will be provided from Budget Account 91019, University Treasurer Research Subaccount (e).

I. Student Housing - Building #12 (Drackett Tower)

Bids were received for this project on September 5, 1963 and the General Contract was readvertised with bids received on September 12, 1963. The recommendation for award of contracts to the lowest and best bidders is as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract (Readvertised)</u>		
(4 bids received)		
A. E. Knowlton Construction Co. (Bellefontaine)		
Base Bid	\$1,427,300.00	\$1,500,000.00
 <u>Heating, Ventilating & Air</u>		
<u>Conditioning Contract</u>		
(6 bids received)		
Tibbetts Plumbing & Heating Co. (Columbus)		
Base Bid	392,140.00	502,000.00

VIII. REPORT OF AWARD OF CONTRACTS (continued)

I. Student Housing - Building #12 (Drackett Tower) (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u> (7 bids received) Tibbetts Plumbing & Heating Co. (Columbus)		
Base Bid	\$ 295,780.00	\$ 298,000.00
 <u>Electrical Contract</u> (4 bids received) Gustav Hirsch Co. (Columbus)		
Base Bid	<u>\$ 233,447.00</u>	<u>\$ 254,000.00</u>
 Total Contracts	 <u>\$2,348,667.00</u>	 <u>\$2,554,000.00</u>

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

Upon motion of Mr. Bricker, seconded by Mr. Loop, the above award of contracts and expenditure of funds were approved and the action of the Vice President, 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:

- 2 Authorizes the award of contract for the project "Repair and Replace Curbs" in the amount of \$6,675.00 and approves the expenditure of \$302,573.00 from Maintenance Account 200, H. B. 711 to provide funds for eight repair projects.
- 12 Approves the expenditure of \$13,606.00 from Maintenance Account 200, H. B. 711 to provide funds for the project "Repairs to Steam Lines and Heating Systems in Four Buildings."
- 13 Approves the expenditure of \$36,523.00 from Account 802, H. B. 711, to provide funds for the project "Starling Loving Hall Rehabilitation of Room M-100."

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X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Ohio Fuel Gas Company Easement

The Ohio Fuel Gas Company has requested permission to construct a 20 inch gas pipe line and a 10 inch gas pipe line on lands of the State of Ohio, which lands have been designated for use by The Ohio State University. The proposed gas pipe lines are to serve property located west of the University and to increase the gas pressure in the northwest section of the City of Upper Arlington.

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

A. Ohio Fuel Gas Company Easement (continued)

The Secretary conducted a poll of the Board members by telephone on August 8, 1963, to obtain approval to request the Director of Public Works of the State of Ohio, pursuant to his statutory duties, to act on behalf of the University in developing the necessary legal instruments to provide for the installation of said gas pipe lines and to negotiate the appropriate compensation to the University.

It is recommended that this action be hereby ratified.

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

B. Special Policeman Commission

At the request of the Vice President, Business and Finance, it is recommended that David Daniel Thompson, Jr., 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. Thompson, 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. Davis, seconded by Mr. Loop, the above recommendation was unanimously approved by roll call vote.

C. Upper Arlington McCoy Road East Storm Sewer

WHEREAS, the City of Upper Arlington plans to install a storm sewer in the area north of the University Golf Course between Reed Road on the west and Kenny Road on the east; and

WHEREAS, the City of Upper Arlington has agreed to route said sewer east along McCoy Road to Kenny Road, thence south along Kenny Road to Turkey Run in lieu of increasing the flow of water at the north side of the University Golf Course; and

WHEREAS, the agreed routing will save the University Golf Course from considerable damages due to excessive storm water erosion; and

WHEREAS, the agreed sewer routed around the Golf Course will cost \$42,000.00 more than the original sewer plan of the City of Upper Arlington;

NOW BE IT RESOLVED, that the Vice President, Business and Finance, is hereby authorized to pay the City of Upper Arlington an amount of \$21,000.00 as the University's share of the additional cost of the storm sewer installation. Funds for this purpose will be provided from the surplus of income over expenditures in the account of the Athletic Department in accordance with the

September 13, 1963 meeting, Board of Trustees

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

C. Upper Arlington McCoy Road East Storm Sewer (continued)

1963-64 Athletic Department Budget as approved by the Board of Trustees on June 14, 1963.

Upon motion of Mr. Rairdon, seconded by Mr. Allyn, the above resolution was unanimously approved by roll call vote.

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XI. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the death of Helen Louise Edmondson, Assistant Professor of Library Administration and Librarian of the College of Education Library; John Ironsides Falconer, Professor Emeritus of Agricultural Economics and Rural Sociology; Paul Everett Machovina, Professor of Engineering Drawing; and Arthur Salz, Professor Emeritus of Economics; and, 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. Helen Louise Edmondson

The Board of Trustees expresses its sorrow at the death on July 23, 1963 of Helen Louise Edmondson, Assistant Professor of Library Administration and Librarian of the College of Education Library.

Professor Edmondson was born in Gallup, New Mexico, on October 23, 1898. She received an A.B. degree from West Virginia University in 1924 and an A.B. in Library Science from the University of Illinois in 1927. Her first position was that of Assistant Librarian at West Virginia University, 1924-26. In 1927 she was Cataloger of the Fairmont, West Virginia, Public Library. The State Teachers College of Emporia, Kansas, appointed her Reference Librarian in 1927, in which position she served until 1929. In the latter year she transferred to Marshall College in West Virginia where she served as Cataloger and later as Librarian until 1933. In March of 1933 she was appointed Librarian of the College of Education Library of The Ohio State University, a position which she filled with distinction for slightly over thirty years.

During the long period of her administration the book stock of the Education Library grew from an estimated 25,000 volumes to over 66,000 volumes as of June 30, 1963. Miss Edmondson took a personal interest in providing undergraduates, graduates, and faculty with the materials which they needed in learning, instruction, or research. She worked closely and effectively with the Departments of Education and Psychology, gaining the respect, confidence, and affection of their faculty. Alumni frequently wrote to the library administration expressing keen appreciation for the help which they had received in the Education Library and particularly from the Librarian. In large part the growth of this Library from a small, weak collection to a substantial, research collection serving the needs of undergraduates through doctoral candidates and faculty engaged in research, was due to the conscientious and persistent efforts of Professor Edmondson.

XI. RESOLUTIONS IN MEMORIAM (continued)

A. Helen Louise Edmondson (continued)

She was a member of Delta Gamma, P.E.O. Sisterhood, Quota Club, American Library Association, Ohio Library Association, and Franklin County Library Association.

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. John Ironsides Falconer

The Board of Trustees expresses its sorrow at the death on August 6, 1963, of John Ironsides Falconer, Professor Emeritus of the Agricultural Economics and Rural Sociology Department.

Dr. Falconer was born in Mason, New Hampshire, in 1888. He obtained his B.S. degree at the University of New Hampshire where later he was awarded an honorary degree. His M.S. and Ph.D. degrees were earned in agricultural economics at the University of Wisconsin under the guidance and intellectual stimulation of Henry C. Taylor, R. T. Ely, and John R. Commons. He spent two years as an assistant in Agronomy with the Rhode Island Board of Agriculture and the Agricultural Experiment Station of that State, then served with the Carnegie Institute at Washington, D. C., where he co-authored a history of the agriculture of northeastern United States.

He joined the staff of The Ohio State University in 1914 and became Professor and Chairman of the newly established Department of Agricultural Economics and Rural Sociology in 1917. In 1925 he became head of the newly established Department of Agricultural Economics and Rural Sociology at the Ohio Agricultural Experiment Station at Wooster. These positions he held concurrently until his retirement in 1953.

During his nearly forty years of service to the University and Experiment Station, he served well the people of Ohio and the Nation. In addition to designing and building the sound foundation upon which the Department is founded and upon which its greatly expanded program is currently based, he left for posterity an invaluable inheritance in the broadened and stimulated minds of the hundreds of undergraduates and graduates in his classes who are serving today in many capacities and in many lands to make this a better world.

To mention a few of his other activities, he was secretary-treasurer of the American Farm Economics Association from 1921 to 1926 and was president in 1927. He was a member of Ohio's post-war planning committee, Ohio's nutrition committee, a member of the state planning board, chairman of the state advisory board of the Farm Security Administration, faculty adviser of Ohio's Society of Farm Managers and Rural Appraisers, vice president of the American Society, and chairman of the Ohio Farm and Home Protective Committee during the depression.

September 13, 1963 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

B. John Ironsides Falconer (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.

C. Paul Everett Machovina

The Board of Trustees expresses its sorrow at the death on August 13, 1963 of Paul Everett Machovina, Professor of Engineering Drawing at The Ohio State University.

He was born in Berea, Ohio, on October 25, 1912 and was graduated from The Ohio State University in 1936 with the degree of Bachelor of Engineering in Mining. He spent his first year after graduation with the Timken Roller Bearing Company in Canton, Ohio.

He had served as a student assistant in the Department of Engineering Drawing from 1932-1936 and returned as an instructor in the Autumn Quarter, 1937. In 1942 he was promoted to Assistant Professor, advanced to Associate Professor in 1947, and acquired the rank of Professor in 1957.

Professor Machovina assisted in revisions of Engineering Drawing by Thomas E. French, and was a contributing author to the 7th and 8th editions. He was the author of A Manual for the Slide Rule, McGraw-Hill Company, 1950; co-author of Engineering Geometry and Graphics with Hollie Shupe; and several workbooks in engineering drawing and descriptive geometry. In addition, he had several papers published in the Engineering Drawing Journal, some of which had been given before the Engineering Drawing Division of the American Society for Engineering Education at their annual meetings.

Professor Machovina was an active member of the American Society for Engineering Education and the American Society of Tool Engineers. In recent years he was most active in the Ohio Society of Professional Engineers and was the faculty adviser for the campus student branch of this Society. This group, through Professor Machovina's guidance, was recognized as one of the outstanding groups of its kind in the United States. One of the finest contributions that they made to the College was the preparation and distribution of the Engineering College News, a bi-weekly publication.

His avocations were guns and nut growing. He had a small country place in Athens County where he loved to hunt and experiment with many varieties of nut trees. He was very active in National Rifle Association and Northern Nut Growers' Association.

While at the University he was a member of Delta Chi Social Fraternity, Sigma Gamma Epsilon and Tau Beta Pi honoraries, University Lodge #631 F&AM, and the Faculty Club.

XI. RESOLUTIONS IN MEMORIAM (continued)

C. Paul Everett Machovina (continued)

In campus and community life, he was an active and helpful associate and neighbor. His twenty-six years of continued and devoted service to this University has been greatly appreciated by the faculty, administration, students, and alumni who have had the privilege of working with him.

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.

D. Arthur Salz

The Board of Trustees expresses its sorrow at the death on August 10, 1963 of Arthur Salz, Professor Emeritus of Economics.

Dr. Salz was born in Staab, Bohemia, on December 31, 1881. He received the Doctor (summa cum laude) Degree at the University of Munich in 1903, after studying there and at the Universities of Prague, Vienna, and Berlin. On his seventieth birthday he was awarded an Honorary Degree by Heidelberg University, Germany.

Dr. Salz began his long and distinguished teaching and research career at Heidelberg University in Germany in 1908 where he remained until 1933. In 1933-34 he was a Visiting Professor of Economics at Cambridge University in England. In the following year he came to The Ohio State University where he served as a Professor of Economics until his retirement in 1952.

Professor Salz was the author of many notable books and articles on economic subjects. He also translated many books and addresses into the German language, including Professor Alfred Marshall's celebrated English work, Principles of Economics. His scholarly interests included an intimate knowledge of the classics and a deep understanding of philosophy, political science, sociology, and history.

In addition to his academic achievements, which were widely recognized, Dr. Salz had several business connections. He was the manager of an industrial firm for a time and a director in several other companies. From 1914 to 1919 Dr. Salz served in the German Army and was decorated four times.

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. Administrative Reports

President Fawcett presented a statement of introduction to staff reports by members of the President's Cabinet concerning the activities and problems related to their special areas of interest and responsibility. The President's statement included a report of some of the significant achievements of the University and placed in excellent perspective some of the important developments that face The Ohio State University for the coming year. These developments include such items as:

- (1) A plan for a capital improvements program for the University from funds made available through (a) anticipated passage of the \$250 million bond issue, (President Fawcett stated that an extremely conservative estimate of the amount Ohio State might expect to receive from this new bond issue is at least \$60 million); (b) federal funds made available through H. R. 12 which has been passed by both the House and the Senate; (c) federal funds made available from H. R. 6143 which has been passed by the House and is pending in the Senate.
- (2) Plans for the development of a technical institute program for the University including the possible proposal of the training of technicians from the United States Navy.
- (3) Plans for the funding of a continuing education center (Center for Tomorrow) for the University.

The Board of Trustees enthusiastically endorsed the above proposals as interpreted by the President and members of the Cabinet. The Board further authorized the implementation of the proposals as funding becomes available. The Secretary was instructed to file the staff reports with the official records of the Board of Trustees.

B. Relocation of the Olentangy River Road

At the request of the President, Executive Director John H. Herrick reported on the current status of the proposal endorsed by this Board four years ago that the Olentangy River Road be relocated and that the present right-of-way between Kinnear Road and Stadium Drive or Lane Avenue be vacated. He stated that a stalemate of many months duration had existed with one city official insisting on keeping the present right-of-way and the University strongly urging a new alignment along the Chesapeake and Ohio Railroad in order to free the west bank of the river for University use in keeping with the official Master Plan for the future development of the campus. He further reported that the public press had within the past ten days indicated some hope of a negotiated settlement, and that the Director of Highways of the State of Ohio had indicated his intention to confer at an early date with top level officials of the City and the University in an effort to achieve an agreement by October 1, 1963.

Upon motion of Mr. Bricker, seconded by Mr. Rairdon, it was unanimously voted that the Board of Trustees reaffirm its endorsement of the new alignment of this road in accordance with the campus Master Plan officially adopted by the Board of Trustees in February 1962, and that the President be instructed to press vigorously for this new alignment and for the vacation of a portion of the present roadway in accordance with the official Master Plan.

September 13, 1963 meeting, Board of Trustees

XII. REPORTS (continued)

C. Reports from the Retirement and Insurance Committee

1. Report on Insurance in Force

A report on the Insurance in Force for The Ohio State University as of September 1, 1963 as prepared by the Office of Business and Finance was presented by Mr. Rairdon, Chairman of the Retirement and Insurance Committee.

Upon motion of Mr. Rairdon, seconded by Mr. Allyn, the report was unanimously accepted and ordered to be filed with the official documents of the Board of Trustees.

2. Amendment #24 to the Group Life Insurance Policy #1305-G and Amendment #11 to Major Medical Insurance Policy #58175-GTC

Mr. Rairdon presented the following recommendation of the Committee on Retirement and Insurance:

It is recommended that effective October 1, 1963, University Group Insurance Policies #1305-G and 58175-GTC be amended to incorporate provisions for modification and reinstatement of these policies in case of lapse or termination and provide for the establishment of a Claims Stabilization Reserve. In addition to the protection afforded by the modification and reinstatement provision, it is anticipated that the establishment of the Claims Stabilization Reserve will result in approximately \$1,500.00 more interest contribution annually to the Dividend Account.

It is further recommended that the President be authorized to sign on behalf of The Ohio State University, Amendment #24 to John Hancock Mutual Life Insurance Company Policy #1305-C and Amendment #11 of Policy #58175-GTC of the same company. These Amendments incorporate the changes enumerated above.

Upon motion of Mr. Rairdon, seconded by Mr. Bricker, the Board of Trustees unanimously approved the above recommendation.

D. Reports from the Finance and Investment Committee

1. Bond Resolution, Fourth Supplemental Trust Agreement, Interim Financing Agreement

Mr. Allyn presented the following report and resolutions concerning the financing of Student Housing, Building #12 (Drackett Tower), the interim financing thereof, and the issuance of Dormitory Revenue Bonds, Series I:

RESOLVED, that the Board of Trustees hereby adopts the Series I Bond Resolution as set forth in the Fourth Supplemental Trust Agreement between the University and The Ohio National Bank of Columbus, Trustee, dated as of April 15, 1963, attached hereto and made a part of these minutes (see Appendix II, page 130).

XII. REPORTS (continued)

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

1. Bond Resolution, Fourth Supplemental Trust Agreement, Interim Financing Agreement (continued)

FURTHER RESOLVED, that the Board of Trustees hereby approves the Fourth Supplemental Trust Agreement in all respects, and the officers designated in the Series I Bond Resolution are hereby authorized to execute and deliver such Fourth 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 Fourth Supplemental Trust Agreement or the original Trust Agreement dated as of April 15, 1957, or by the interim financing arrangement hereafter approved, and the authorized signatures for withdrawals from such accounts shall be the same as the authorized signatures with respect to bank accounts in which there are deposited special funds pursuant to said original Trust Agreement, and the President, Vice President, Business and Finance, or Treasurer 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 facility to be constructed from the proceeds of the Series I Bonds.

FURTHER RESOLVED, that rental rates for the dormitory facility to be financed with the proceeds of the Series I Bonds (known as Building No. 12 or Drackett Tower) shall be \$275.00 per student per quarter, and rental rates and board rates for other dormitory facilities of the University previously adopted by the Board and now in effect, be and they are hereby confirmed and continued.

FURTHER RESOLVED, that the commitment letter agreement from A. G. Becker & Co. dated September 6, 1963, attached hereto and made a part of these minutes (see Appendix III, page 159), is hereby approved and the officers of the University and the officers of the Board of Trustees are authorized to take any and all action necessary or proper in connection with the acceptance of said commitment letter and performance of the conditions contained therein and delivery of the note or notes contemplated thereby, and the President and Vice President, Business and Finance of the University, or any two of said officers, are authorized on behalf of the University and the Board of Trustees to execute and deliver a copy of the commitment letter and a note or notes in accordance with the terms thereof, with such changes therein not adverse to the University as the officers executing the same shall deem advisable.

XII. REPORTS (continued)

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

1. Bond Resolution, Fourth Supplemental Trust Agreement, Interim Financing Agreement (continued)

FURTHER RESOLVED, that the President, Vice President, Business and Finance, and Treasurer, and each of them acting individually, are authorized to deposit the proceeds of the sale of said note or notes in a Construction Account and to apply said proceeds to pay costs of the project referred to in the Fourth Supplemental Trust Agreement, and until needed for payment of such costs, to invest and reinvest such proceeds in obligations of the United States of America, or in obligations which are guaranteed by the United States of America, or in obligations of agencies and instrumentalities of the United States of America.

FURTHER RESOLVED, that the certificate of the President and Vice President, Business and Finance of the University (shown on page 127) certifying as to sufficient earnings coverage as of July 1, 1965 for the issuance of the Series I 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.

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

2. Designation of Special Counsel

Mr. Allyn presented the following resolution relative to the designation of Special Counsel for the proposed issue of Dormitory Revenue Bonds, Series I:

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 Dormitory Revenue Bonds, Series I, 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 attached hereto and made a part of these minutes (see Appendix IV, page 165).

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

3. Report on the Investment Portfolio

The report on the status of the University's Investment Portfolio dated August 31, 1963 was received and the Secretary was instructed to file a copy of the report with the official records of the Board of Trustees. Upon motion of Mr. Loop, seconded by Mr. Allyn, the Board by unanimous vote approved the continuation of employment of the investment analyst firms--Duff, Anderson and Clark on industrials and Duff and Phelps on utilities, effective October 1, 1963 at a combined annual rate of \$4,200,00.

The Ohio State University
 Schedule of Expected Earnings Coverage under Section 6(b)
 of Bond Resolution as of July 1, 1965 for Issuance of
 \$3,000,000 Dormitory Revenue Bonds, Series I

1. Estimated net income from existing dormitory facilities for the fiscal year ending June 30, 1965. (Note 1)	\$1,855,000
2. Estimated annual net income from dormitory facilities to be constructed with proceeds from the sale of Series I Bonds, viz., Drackett Tower, after provision for Debt Service on Future Dining Facility. (Note 2)	<u>147,000</u>
3. Total estimated net income from existing facilities described in Item 1 and facilities to be constructed from proceeds of Series I Bonds referred to in Item 2.	<u>\$2,002,000</u>
4. Maximum amount to become due in any succeeding fiscal year, namely 1997 for principal and interest on Series A, B, C, D, E, F, G, H and I Bonds. (Note 3)	<u>\$1,472,744</u>
5. Ratio of total net income to maximum principal and interest requirements on Series A, B, C, D, E, F, G, H and I Bonds.	<u>1.359</u>

Note 1 The term dormitory facilities as herein used shall mean dormitory facilities as that term is defined in the Trust Agreement with The Ohio National Bank of Columbus, dated as of April 15, 1957 and includes all facilities constructed from the proceeds of the University's Dormitory Revenue Bonds, Series E, F, G and H. It is hereby certified that all facilities constructed from the proceeds of the aforementioned bonds will be in operation and income producing by July 1, 1964.

Note 2 Estimated net income computed in accordance with the present 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. Provision is made for debt service on future bonds if bonds are issued under the Trust Agreement in addition to Series A through I to construct a dining facility to serve students living in Drackett Tower.

Note 3 Series I bonds computed at 3 1/2% for 40 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, of The Ohio State University, hereby certify as to the facts set forth in the above schedule.

 President

 Vice President, Business and Finance

September 13, 1963 meeting, Board of Trustees

XII. REPORTS (continued)

E. Distribution of Annual Financial Reports 1962-1963

Vice President Gordon B. Carson distributed and reviewed in detail the Annual Financial Report of the University for the fiscal year beginning July 1, 1962 and ending June 30, 1963, 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. Allyn, seconded by Mr. Davis, and by unanimous roll call vote, the above reports were received and ordered filed with the official documents of the Board of Trustees.

F. Report of Award Received by Vice President Alfred B. Garrett

The President reported that Vice President Alfred B. Garrett had received the American Chemical Society's 1964 Award in Chemical Education sponsored by the Scientific Apparatus Makers Association. The Award, created to recognize outstanding contributions to chemical education, was announced at the 145th National Meeting of the Society in New York City on September 9, 1963. The Board extended high commendation to Vice President Garrett for this significant recognition and ordered that the President's report of the Award be included in the minutes of this meeting.

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XIII. COMMITTEE APPOINTMENTS - 1963-1964

The Chairman appointed the following named persons to serve on the Council, Boards, and Committees for 1963-1964 as indicated below:

FINANCE AND INVESTMENT

Thomas F. Patton, Chairman
Stanley C. Allyn
Carlton S. Dargusch

RETIREMENT AND INSURANCE

Smith L. Rairdon, Chairman
Jacob E. Davis
Alan B. Loop

DEVELOPMENT FUND BOARD OF DIRECTORS

Jacob E. Davis
Alan B. Loop

ASSOCIATION OF GOVERNING BOARDS OF STATE UNIVERSITIES
AND ALLIED INSTITUTIONS

Smith L. Rairdon

September 13, 1963 meeting, Board of Trustees

XIII. COMMITTEE APPOINTMENTS - 1963-1964 (continued)

INTER-UNIVERSITY COUNCIL

John W. Bricker

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LETTER RECEIVED FROM MR. KETNER

Mr. Patton, the Chairman, read the following letter from Mr. Ketner and requested that it be included with the minutes of this meeting.

C	Forrest G. Ketner
O	20 Stanbery Avenue
P	Columbus 9, Ohio
Y	
	September 10, 1963

John Mount, Vice President-Secretary
Board of Trustees
The Ohio State University
190 North Oval Drive
Columbus, Ohio

Dear John:

Please express to the Board of Trustees and to President Fawcett my deep appreciation and sincere gratitude for the Distinguished Service Award of Ohio State University. I shall always cherish most highly the memories of my relationship with many fine dedicated people and all the interesting experiences during my associations with the University; especially those years as a Trustee.

Sincerely and cordially always,

(Signed)

Forrest G. Ketner

FGK:dce

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Thereupon the Board adjourned to meet Friday, October 11, 1963, at The Ohio State University, Columbus, Ohio, at ten o'clock.

Attest:

John T. Mount
Secretary

Thomas F. Patton
Chairman

APPENDIX II

THE OHIO STATE UNIVERSITY
DORMITORY REVENUE BONDS

FOURTH SUPPLEMENTAL TRUST AGREEMENT

between

THE OHIO STATE UNIVERSITY

and

THE OHIO NATIONAL BANK OF COLUMBUS, TRUSTEE

THE OHIO STATE UNIVERSITY
DORMITORY REVENUE BONDS

FOURTH SUPPLEMENTAL TRUST AGREEMENT

between

THE OHIO STATE UNIVERSITY

and

THE OHIO NATIONAL BANK OF COLUMBUS, TRUSTEE

Dated as of April 15, 1963

Securing

\$3,000,000 Series I Bonds dated April 15, 1963

Additional Parity Bonds hereafter issued as provided herein.

THE OHIO STATE UNIVERSITY
DORMITORY REVENUE BONDS
SERIES I

FOURTH SUPPLEMENTAL TRUST AGREEMENT

THIS FOURTH SUPPLEMENTAL TRUST AGREEMENT, dated as of the 15th day of April, 1963 (herein called the "Supplement"), by and between The Ohio State University and its Board of Trustees (herein called the "University"), a state university of Ohio, and The Ohio National Bank of Columbus, Columbus, Ohio (herein called the "Trustee"), a corporation duly organized and existing under and by virtue of the laws of the United States, as Trustee under the Trust Agreement dated as of April 15, 1957 hereinafter mentioned.

WITNESSETH:

WHEREAS, the University, pursuant to the Original Bond Resolution, passed April 8, 1957, entered into a Trust Agreement dated as of April 15, 1957 with the Trustee and as of April 15, 1958, October 15, 1959 and April 15, 1961, respectively entered into First, Second and Third Supplemental Trust Agreements (herein, collectively with the First, Second and Third Supplements and this Supplement, called the "Trust Agreement") under which \$6,000,000 Series A, \$6,000,000 Series B, \$2,330,000 Series C, \$2,030,000 Series D, \$5,300,000 Series E, \$1,200,000 Series F, \$1,350,000 Series G and \$2,850,000 Series H Dormitory Revenue Bonds have been authorized and issued and under which Additional Bonds (herein called "Additional Bonds") are issuable on a parity with the Series A, B, C, D, E, F, G and H Bonds and other Additional Bonds hereafter issued under certain conditions as provided in the Trust Agreement; and

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

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

Fourth Supplemental Trust Agreement

WHEREAS, the Board of Trustees of the University has duly adopted on September 13, 1963, the Series I Bond Resolution providing for the Series I Bonds and this Supplement, which resolution, collectively with the Original Bond Resolution, is referred to as the Bond Resolution; and

WHEREAS, the Series I Bond Resolution is as follows:

Resolution

Providing for the issuance of \$3,000,000 The Ohio State University Dormitory Revenue Bonds, Series I, as Additional Parity Bonds pursuant to Bond Resolution adopted April 8, 1957 and Trust Agreement dated as of April 15, 1957, for the purpose of providing funds for the purpose of constructing and equipping Dormitory Building No. 12.

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 3335.02 of the Revised Code of Ohio, with the right, under Section 3335.03 of said Revised Code, and as such Board, of suing and being sued, contracting and being contracted with, and of making and using a common seal and, under Section 3335.10 of said Revised Code, has general supervision of all 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 for students and members of the faculty and servants and wives and families of married students of said University (including all separate or connected buildings, sites, equipment, structures and utilities to be used in connection with the maintenance or operation of, or in any way supplementing or related to the services or facilities to be provided by such buildings) and to pay for the same out of any funds in its possession derived from operation of any dormitories or other living quarters under its control or out of funds borrowed therefor and

Fourth Supplemental Trust Agreement

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 dormitories 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 and Fourth 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 series of which \$2,330,000 Series C Bonds, \$2,030,000 Series D Bonds, \$5,300,000 Series E Bonds, \$1,200,000 Series F Bonds, \$1,350,000 Series G Bonds and \$2,850,000 Series H Bonds have been authorized and issued; and

Fourth Supplemental Trust Agreement

WHEREAS, there are presently outstanding \$5,765,000 principal amount of Series A Bonds, \$5,482,000 principal amount of Series B Bonds, \$2,270,000 principal amount of Series C Bonds, \$1,770,000 principal amount of Series D Bonds, \$5,300,000 principal amount of Series E Bonds, \$1,200,000 principal amount of Series F Bonds, \$1,350,000 principal amount of Series G Bonds and \$2,850,000 principal amount of Series H Bonds; and

WHEREAS, the University has not pledged or encumbered the revenues from its dormitory facilities except as provided in the Trust Agreement; and

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

WHEREAS, the Board by the adoption of this resolution has determined and confirmed that it is necessary to provide additional dormitory accommodations and dining facilities located on or in close proximity to the campus of the University and, accordingly, hereby declares and determines that it is immediately necessary to construct and equip an additional dormitory to be known as Dormitory Building No. 12 (said Dormitory Building No. 12 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	\$2,650,000
Cost of Movable Equipment	195,000
Capitalized Interest	115,000
Contingencies, including Legal and Administrative	<u>40,000</u>
Total	\$3,000,000

and

Fourth Supplemental Trust Agreement

WHEREAS, the University has determined to borrow the funds to pay the foregoing costs, and to solicit proposals for the purchase of \$3,000,000 Dormitory Revenue Bonds, Series I, by investment bankers or others.

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

Section 1. Purpose of Series I Bonds. It is hereby determined to be necessary to issue \$3,000,000 of Dormitory Revenue Bonds of the University pursuant to Section 3345.07 of the Revised Code of Ohio and the Trust Agreement 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 I Bonds. Said \$3,000,000 of Dormitory Revenue Bonds shall be issued under this Resolution, the Original Bond Resolution, and the Trust Agreement, shall be entitled "The Ohio State University Dormitory Revenue Bonds," shall be dated as determined by the Fiscal Officer of the University and shall be issued as negotiable coupon bonds registrable as to principal, in the denomination of \$1,000 or \$5,000 (but not both) as shall be requested by the Original Purchasers of such Bonds or as fully registered Bonds without coupons in the denomination of the coupon bonds or multiples thereof when and as requested by the Original Purchasers of such Bonds, shall be numbered as determined by the Fiscal Officer of the University, shall bear interest from their date, or from the last interest payment date preceding the date of issue, payable semi-annually on the fifteenth days of April and October of each year, commencing on the interest payment date next succeeding the issuance and delivery of the Bonds, at the rates stipulated in its bid by the successful bidder and approved in writing by the President or Fiscal Officer of the University, and shall mature in the following amounts on October 15 of the following years:

Fourth Supplemental Trust Agreement

1966	\$ 20,000
1967	20,000
1968	20,000
1969	20,000
1970	30,000
1971	30,000
1972	30,000
1973	30,000
1974	40,000
1975	40,000
1976	40,000
1977	40,000
1978	50,000
1979	50,000
1980	50,000
1981	60,000
1982	60,000
1983	60,000
1984	70,000
1985	70,000
1986	70,000
1987	70,000
1988	80,000
1989	80,000
1990	80,000
1991	90,000
1992	90,000
1993	100,000
1994	110,000
1995	120,000
1996	130,000
1997	140,000
1998	150,000
1999	160,000
2000	160,000
2001	170,000
2002	180,000
2003	190,000

The principal and interest of the Series I Bonds shall be payable in any coin or currency which, on the respective dates of payment, is legal tender for the payment of debts due the United States of America, at the principal office of the Trustee under the Trust Agreement (said Trustee at the time of issuance of the Series I Bonds being The Ohio National Bank of Columbus, Columbus, Ohio), or, at the option of the holder, at the principal 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,

Fourth Supplemental Trust Agreement

at the option of the holder as shall be designated by the Fiscal Officer of the University. The Series I Bonds are subject to call for redemption prior to maturity at the option of the Board on April 15, 1974 or on any interest payment date thereafter. Each such series shall be callable in the inverse order of the maturities of the Bonds of that series at par and accrued interest to the redemption date plus redemption premiums as follows:

4% if called April 15, 1974 to October 15, 1978, inclusive
3% if called April 15, 1979 to October 15, 1983, inclusive
2% if called April 15, 1984 to October 15, 1988, inclusive
1-1/2% if called April 15, 1989 to October 15, 1993, inclusive
0% if called thereafter.

If less than all the Series I Bonds of one maturity 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 conducted by the Trustee under the Trust Agreement. Such call for redemption shall be made by notice specifying the numbers of the Series I Bonds to be called, published by the Trustee on behalf of the University once a week for two consecutive weeks in a financial newspaper of national circulation published in the English language in New York City and in an English language newspaper of general circulation in Columbus, Ohio, the first publication to be not 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. Except in the case of redemption of Bonds of a particular series from the surplus proceeds of that issue as provided in Section 5 of the Original Bond Resolution, no Bonds of any series may be called unless the same proportion of the outstanding Bonds of each other series, then callable, are called at the same time.

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

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Section 3. Sale of Series I Bonds. The \$3,000,000 Series I Bonds shall be offered for sale, by solicitation of proposals from investment bankers and others or by advertisement or both, to the highest bidder based on the lowest net interest cost, in such manner and on such terms as determined by the President or the Fiscal Officer of the University.

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

(1) The portion representing accrued interest to the Debt Service Fund provided for in the original Trust Agreement to be held by the Trustee, and the portion representing premium above par paid to the University for such Bonds, to the Debt Service Reserve Fund so provided for.

(2) The 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.

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The Fiscal Officer of the University may make withdrawals from said Construction Fund in order to make payments from such 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 monies 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 the Series I or 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

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earnings coverage, or certificate with respect thereto, in connection with Additional Bonds issued for completion of a project.

(b) The Board shall also have the right from time to time to issue Additional Bonds under the Trust Agreement to provide funds for purposes authorized by Section 3345.07 of the Revised Code of Ohio, including construction and equipment by the University of buildings to be used as dormitories or as other living quarters or the refunding of outstanding bonds or notes issued under said Section 3345.07. The Trustee shall authenticate and deliver under the Trust Agreement Additional Bonds issued under this subdivision (b) if, (but only if), when such Additional Bonds are issued, the University shall have furnished to the Trustee in addition to the documents required by Section 2.03 of the Trust Agreement, a certificate of the President and the Fiscal Officer of the University, approved by the Board of Trustees, (1) showing that (a) the actual net income from the dormitory facilities of the University (excluding net income from any dormitory facility which is to be abandoned or which is not suitable for continuous use as a dormitory facility for the term of such Additional Bonds) for the preceding fiscal year, as adjusted, if necessary, to reflect the schedule of rates and charges to become effective at the beginning of the next semester, quarter or other school period and to give recognition to any anticipated changes in operating costs; plus (b) the estimated annual net income of the dormitory facilities to be financed through the proceeds of the sale of such Additional Bonds will be equal to or greater than one and three-tenths (1.3) times the maximum amount to become due in any succeeding fiscal year for the payment of principal and interest charges on the Bonds then outstanding hereunder and on the Bonds then to be authenticated and delivered; (2) showing that, until the dormitory facility being constructed from the proceeds of the Additional Bonds, is ready for occupancy, funds then available from net income, bond proceeds, gifts, legacies, 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

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that there were not included in net income any receipts against which there is any prior claim other than the use thereof for the operating expenses included in computing the net income; (4) furnishing such other information in support of the foregoing as may reasonably be requested by the Trustee; (5) showing that the computations of estimates provided for above are based on an assumed occupancy of not more than 95% of capacity of the dormitory facilities in question.

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

Section 6. Terms of the Bonds Generally. As used in this Resolution, the term "Bonds" refers to the Series A, B, C, D, E, F, G, H and I Bonds and all Additional Bonds issued on a parity therewith under the Trust Agreement. The Bonds shall be designated The Ohio State University Dormitory Revenue Bonds, shall be payable in any coin or currency which, on the respective dates of payment, is legal tender for the payment of debts due the United States of America, shall be negotiable instruments (except when registered), 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

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until such delivery. Except in the case of redemption of Bonds of a particular series from the surplus proceeds of that issue as provided in Section 5 of the Original Bond Resolution, no Bonds of any series may be called unless the same proportion of the outstanding Bonds of each other series, then callable, are called at the same time. The Additional Bonds shall bear such designations as may be necessary to distinguish them from the Series A, B, C, D, E, F, G, H and I Bonds or other Additional 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

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may be necessary to assure such occupancy and use of, and receipts from the dormitory facilities as will pay the costs of maintenance and operation and provide for the payment of the principal of and interest on the Bonds and other payments to Special Funds required by Section 8 of this resolution; (b) from funds lawfully available, it will cause the Project and any project to be constructed from the proceeds of Additional Bonds to be completed and equipped in an efficient and economical manner with reasonable dispatch and in a manner consistent with the plans and recommendations of responsible architects and all applicable laws, ordinances and regulations; (c) subject to the right of abandonment under conditions provided in the Trust Agreement designed to prevent adverse effect of such abandonment on the expected earnings coverage of Debt Service, it will, from the dormitory receipts pledged under this resolution and as part of the operating expenses, maintain, preserve and keep the dormitory facilities in good repair, working order and operating condition and continuously operate the same on a revenue producing basis, and will apply the receipts therefrom only as provided in Section 8 of this Resolution and in the Trust Agreement; (d) it will furnish to the Trustee and the Original Purchasers of the Bonds within 120 days after the close of each fiscal year an annual report of the accounts (including each Special Fund provided for in Section 8 of this Resolution) and operations of the dormitory facilities prepared by qualified accountants approved by the Trustee; (e) it will keep proper books of record and accounts separate from all other records and accounts, in which complete and correct entries will be made of all transactions relating to the dormitory facilities and will at all reasonable times permit the Trustee, the Original Purchasers or any holder or holders of 25% 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

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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) it will observe and perform all its agreements and obligations provided for by the Bonds, the Trust Agreement or the Bond Resolution.

Section 8. Application of Receipts; Special Funds. There was established by the Original Bond Resolution a Special Fund designated "Dormitory Revenue Fund," which fund shall be maintained in a bank account, or invested as herein authorized, in the name of the University separate and distinct from all other funds of the University and subject to the withdrawals and uses herein authorized, is pledged to and charged with the payment of the principal, interest, and premium, if any, on all the Bonds issued under the Trust Agreement.

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

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

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

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

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

Second: Into the Debt Service Reserve Fund, to be held by the Trustee as a separate fund for the payment of principal and interest on, and purchase or redemption

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

Third: Into the Contingency Repair and Replacement Fund, to be held by the University as a fund separate and distinct from all other funds of the University, semi-annually on or before April 1 and October 1 of each year, or as soon thereafter as the required reserve has been established in the Debt Service Reserve Fund, an amount equal to one-quarter of one per cent of the cost of construction on all dormitory facilities then under the control of the Board and 3 per cent 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

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

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

Any amounts in the Debt Service Reserve Fund in excess of the required reserve provided for in Paragraph Second above shall be used to purchase Bonds for retirement or to redeem Bonds then subject to redemption to the extent and in the manner from time to time requested in writing by the President and the Fiscal Officer of the University. In calculating at any time whether additional amounts are required to be paid into the Debt Service Reserve Fund under Paragraph Second above and in calculating the excess over the required reserve, no value shall be given to any 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.

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The Contingency Repair and Replacement Fund is irrevocably pledged to, and shall be used by the University for, extraordinary repairs and replacements to the dormitory facilities or to construct or equip additional dormitory facilities or for the retirement of all then outstanding Bonds by purchase or redemption or for payment of the principal and interest by transfer to the Debt Service Fund as herein provided. The University shall transfer from the Contingency Repair and Replacement Fund to the Debt Service Fund such amounts as are from time to time necessary, in addition to the other amounts available in the Debt Service Fund and without use of the Debt Service Reserve Fund, to provide for the payment, when due, of the principal and interest on the Bonds and shall not use any of this fund for repairs or replacement or additional facilities if there is any deficiency in any of the deposits required to be made under subparagraphs First or Second of this Section. Until required for such purposes, the Contingency Repair and Replacement Fund may be invested by the President and the Fiscal Officer of the University in direct obligations of the United States maturing not more than five years from the date of investment.

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 Fourth Supplemental Trust Agreement in substantially the form attached hereto, and the Secretary of the Board of Trustees is authorized to seal and attest the same, with such changes not unfavorable to the

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University as the officers acting shall deem advisable and as shall be approved by the Original Purchasers of the Series I Bonds. The terms and provisions of the Trust Agreement are hereby confirmed and adopted and the terms of said Trust Agreement purporting to be applicable to the Series A and Series B Bonds or to the Project to be constructed from the proceeds of the Series A and Series B Bonds shall be deemed equally applicable to the Series I Bonds and the Project covered by this Resolution to the extent that the same are not inconsistent with the terms or provisions of this Resolution and the context so permits.

Section 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 and I Bonds, and "Bonds" shall mean both the Series A, B, C, D, E, F, G, H and I Bonds and Additional Bonds; (3) "Agreement" or "Trust Agreement" shall refer to the Trust Agreement dated as of April 15, 1957 as from time to time supplemented pursuant to its terms; (4) "Dormitory Facilities" shall mean buildings, groups of buildings or parts of or additions to buildings, including the sites therefor, now or hereafter constructed, acquired by or under the control of the Board and authorized to be constructed, equipped, maintained and operated by 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 supplementing or related to the services or facilities to be provided by such buildings located on or in close proximity to the

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campus; (5) "Net Income" shall mean all receipts of the operation of dormitory facilities after deducting therefrom the reasonable and proper operating and maintenance expenses thereof; (6) "Reasonable and Proper Operating and Maintenance Expenses" shall mean ordinary and usual reasonable expenditures necessary to the operation, repair and maintenance of the dormitory facilities including, without limiting the generality of the foregoing, taxes, fees and expenses of the Trustee and paying agents and any expenses required to be paid by the Bond Resolution or the Trust Agreement, but excluding provision or expenditure for depreciation or capital replacement or expenditures for administration or regulation of the occupants of the dormitory facilities which expenditures do not constitute costs of the type included as costs of operation of the dormitory facilities under the present accounting practice of the University or expenditures for extraordinary repairs or replacements or payments to the Debt Service Fund, Debt Service Reserve Fund or Contingency Repair and Replacement Fund; (7) "Trustee" refers to the Trustee under the Trust Agreement, presently The Ohio National Bank of Columbus; (8) Any reference to an officer of the University or of the Board in this Resolution shall refer to the person holding such office or, in the event of resignation, absence, incapacity or vacancy in such office, then the person performing the duties of such office; any reference to Section 3345.07 of the Revised Code of Ohio shall, where the context permits, mean said section as it now exists and as it is from time to time amended, supplemented or affected by later legislation.

Section 11. General. The appropriate officers of the University and the Board, the architects and engineers employed by the University, and the Trustee designated in the Trust Agreement are authorized and directed to do all things necessary or proper to carry out the terms and provisions of this Resolution, the Trust Agreement and the Sale referred to in Section 3 above and to effect the execution, sale and delivery of said Series I Bonds in accordance therewith if approved by the President and Fiscal Officer of the University. It may be required as part of

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the terms of sale of the Series I Bonds that prior to or at the time of delivery the Series I Bonds there shall have been executed and delivered contracts for construction of the principal portions of the Project and provisions shall have been made for obtaining sufficient amounts to pay all costs of the Project as estimated by the Project architect. The obligations imposed upon the University under this Resolution or the Trust Agreement are established as duties specifically enjoined upon the University, the Board and the officials of the University by law and result from their respective offices, trusts or stations within the meaning of Section 2731.01 of the Revised Code of Ohio.

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

(Form of Coupon Bond)

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

This Bond is a Series I Bond and is one of a duly authorized issue of Dormitory Revenue Bonds of the University, issued and to be issued from time to time, pursuant to Section 3345.07 of the Revised Code of Ohio and the Resolutions of the Board of Trustees of April 8, 1957 and September 13, 1963 (herein collectively called the "Bond Resolution") for the purpose of paying the costs of constructing and equipping certain dormitory facilities and secured by Trust Agreement dated as of April 15, 1957 and First, Second, Third and Fourth Supplemental Trust Agreements between the University and the above-named Trustee (herein collectively called the "Agreement").

The University hereby reserves the right to call and redeem the Bonds of this series prior to maturity as a whole, or in part, in inverse order of maturity, on any interest payment date on or after April 15, 1974, upon terms of par and accrued interest to

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the redemption date plus redemption premiums as follows: four per cent (4%) if redeemed 1974 to 1978 inclusive; three per cent (3%) if redeemed 1979 to 1983, inclusive; two per cent (2%) if redeemed 1984 to 1988, inclusive; one and one-half per cent (1 1/2%) if redeemed 1989 to 1993, inclusive; and without premium if redeemed after 1993. If less than all the Bonds (or parts of Registered Bonds) of one maturity and of one series are to be called, the Coupon Bonds or portions of fully Registered Bonds of such series and of that maturity to be called shall be chosen by lot by said Trustee. Except in the case of redemption of a particular series of bonds from surplus proceeds of that issue as provided in the Bond Resolution, no Bonds of any series may be called unless the same proportion of the outstanding Bonds of each other series, then callable, are called at the same time.

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

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 signature of the Chairman of the Board of Trustees and of the President of the University and to be attested by the Vice President, Business and Finance, of the University and to bear a facsimile of the seal of the University and the interest coupons attached hereto to bear the facsimile signature of the Secretary of the Board of Trustees, all as of _____.

(Form of Trustee's Authentication Certificate)
Trustee's Certificate

This Bond is one of the Bonds described in the within mentioned Trust Agreement as supplemented by Fourth Supplemental Trust Agreement dated as of April 15, 1963.

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 April 15, 1963, 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 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 I 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 September 13, 1963 (herein collectively called the "Bond Resolution") for the purpose of paying the costs of constructing and equipping certain dormitory facilities and secured by Trust Agreement dated as of April 15, 1957 and First, Second, Third and Fourth Supplemental Trust Agreements between the University and the above-named Trustee (herein collectively called the "Agreement").

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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, 1974, upon terms of par and accrued interest to the redemption date plus redemption premiums as follows: four per cent (4%) if redeemed 1974 to 1978, inclusive; three per cent (3%) if redeemed 1979 to 1983, inclusive; two per cent (2%) if redeemed 1984 to 1988, inclusive; one and one-half per cent (1 1/2%) if redeemed 1989 to 1993, inclusive; and without premium if redeemed after 1993. If less than all the Bonds (or parts of registered Bonds) of one maturity and of one series are to be called, the coupon bonds or portions of fully registered bonds of such series and of that maturity to be called shall be chosen by lot by said Trustee. Except in the case of redemption of a particular series of bonds from surplus proceeds of that issue as provided in the Bond Resolution, no Bonds of any series may be called unless the same proportion of the outstanding Bonds of each other series, then callable, are called at the same time.

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

(Form of Trustee's Authentication Certificate)
Trustee's Certificate

This Bond is one of the Bonds described in the within mentioned Trust Agreement as supplemented by Fourth Supplemental Trust Agreement dated as of April 15, 1963.

The Ohio National Bank of Columbus
Trustee

By _____
Authorized Officer

NOW, THEREFORE, THIS SUPPLEMENTAL TRUST AGREEMENT,
WITNESSETH that in order to secure the payment of the principal of and interest
on the Bonds according to their true intent and meaning, and to secure the
performance and observance of all covenants and conditions therein and herein,

Fourth Supplemental Trust Agreement

in the Bond Resolution and in the Trust Agreement contained, and for and in consideration of the premises and of the purchase and acceptance of the Bonds by the holders thereof from time to time, and the acceptance by the Trustee of the further trusts hereby created, and for other good and valuable considerations the receipt of which is hereby acknowledged, the University has executed and delivered this Fourth Supplemental 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 I Bond Resolution is hereby made a part of this Supplement and of the Trust Agreement.

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

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

Fourth Supplemental Trust Agreement

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

(Seal) The Ohio State University
and
The Board of and Trustees of
The Ohio State University

Attest: By _____
President

Secretary

And By _____
Chairman of the Board

(Seal) The Ohio National Bank of Columbus,
Trustee

Attest: By _____
Vice President

Trust Officer

Fourth Supplemental Trust Agreement

STATE OF OHIO,

COUNTY OF FRANKLIN, SS.

On this ____ day of _____, 196__, before me a Notary Public in and for said County and State personally appeared _____ and _____, the President and the Chairman of the Board, respectively, of The Ohio State University, and acknowledged the execution of the foregoing instrument, and that the same is their voluntary act and deed on behalf of said University and its Board of Trustees and the voluntary act and deed of said University and Board of Trustees.

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

Notary Public

(Seal)

STATE OF OHIO

COUNTY OF FRANKLIN, SS.

On this ____ day of _____, 196__, before me a Notary Public in and for said County and State personally appeared _____ and _____, 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 here unto subscribed my name and affixed my official seal on the day and year aforesaid.

Notary Public

(Seal)

APPENDIX III

COMMITMENT LETTER AGREEMENT

FROM A. G. BECKER & CO.

AND

DORMITORY REVENUE NOTE

C
O
P
Y

A. G. BECKER & CO.
120 South La Salle Street
Chicago 3, Illinois

C
O
P
Y

September 6, 1963

The Ohio State University
Columbus
Ohio

Attention: Mr. Gordon B. Carson, Vice President,
Business and Finance

Gentlemen:

Confirming our recent conversations, we are pleased to advise that we are willing to purchase from The Ohio State University and its Board of Trustees (herein collectively referred to as the "University") a promissory note or notes (herein referred to as the "Note") aggregating \$3,000,000, principal amount, upon the terms and conditions hereinafter set forth. Said Note is to be issued to provide interim financing required in connection with the construction and equipping of a new dormitory building on the campus of the University (known as Dormitory Building No. 12), and is to be issued in anticipation of permanent financing for the Project through the issuance by the University of \$3,000,000, principal amount of Dormitory Revenue Bonds, Series I, under and pursuant to the Trust Agreement between the University and The Ohio National Bank of Columbus, Trustee, dated as of April 15, 1957, as supplemented by proposed Fourth Supplemental Trust Agreement (herein collectively referred to as the "Trust Agreement"). Our obligation to purchase said Note in said principal amount is subject to the following conditions:

- (1) The Note is to be substantially in the form set forth in the form of note attached hereto and marked as Exhibit A. The obligation evidenced by said Note is required to be paid only from the following sources (as provided in said Exhibit A), provided, however, that the University may pay said note of its own volition from other funds lawfully available for the purpose: (a) from the proceeds of sale of the University's Dormitory Revenue Bonds, Series I, \$3,000,000 principal amount (herein referred to as the "Bonds"), or (b) from the net receipts derived from the operation of the Dormitory Facilities of the University (as defined in the Trust Agreement) after providing for the reasonable and proper expenses of operation and maintenance thereof and after all payments required to be made under the Trust Agreement to the Special Funds referred to in Section 8 of the Series I Bond Resolution.
- (2) The purchase price of said Note shall be par plus interest accrued to the date of delivery, if any; the Note shall be dated September 16, 1963; shall bear interest at the rate of 2 3/4% per annum, payable semi-annually on September 15 and March 15 of each year,

Cont'd

September 6, 1963

The Ohio State University
Columbus
Ohio

commencing March 15, 1964, shall mature on September 15, 1965, shall be issued in such denominations (in multiples of \$1,000) as we shall request and shall be numbered as determined by the Vice President, Business and Finance, of the University. If we request that such Note be printed, we shall pay all costs of printing. The notes shall be delivered at the Ohio National Bank, 51 North High Street, Columbus, Ohio, not later than September 30, 1963 against payment of the purchase price.

- (3) The furnishing to us of a transcript of proceedings evidencing approval by the Board of Trustees of this commitment letter agreement and authorization of the Note and containing a certification as to no litigation, existing or threatened, to enjoin or question the issuance of the Note or the Series I Bonds.
- (4) The furnishing to us (at our expense) of an opinion from Squire, Sanders & Dempsey that the University (a) has authority to enter into this letter agreement and to borrow pursuant to the terms hereof, (b) that under the circumstances existing at the time such opinion is rendered, said Note when executed and delivered against the principal sum thereof, constitutes the valid and binding obligation of the University in accordance with its terms, and (c) that the interest on said Note and the Bonds is exempt, under present statutes, decisions and rulings, from Federal income tax.

If the conditions of this agreement are acceptable to you, please execute the carbon copy of this letter enclosed herewith, and return it to us.

Very truly yours,

A. G. Becker & Co.
Incorporated

President

Cont'd

September 6, 1963

The Ohio State University
Columbus
Ohio

Accepted and approved by the University, this 13th day of September, 1963.

THE OHIO STATE UNIVERSITY

and

THE BOARD OF TRUSTEES OF THE
OHIO STATE UNIVERSITY

By _____
President

and _____
Vice President, Business and
Finance

EXHIBIT A

DORMITORY REVENUE NOTE

\$ _____

No. _____

KNOW ALL MEN BY THESE PRESENTS, That The Ohio State University and its Board of Trustees (hereinafter collectively called the University), for value received, hereby promise to pay to _____, or registered assigns, the sum of \$ _____ on the 15th day of September, 1965, with interest thereon from the date hereof at the rate of 2 3/4% per annum, payable semi-annually on the 15th days of September and March in each year, commencing March 15, 1964, until payment of such principal sum has been made or duly provided for. The principal and interest hereof are payable solely from (a) the proceeds of sale of the University's Dormitory Revenue Bonds, Series I to be issued and sold hereafter, and (b) the revenues of the Dormitory Facilities (as defined in the Trust Agreement between the University and The Ohio National Bank of Columbus, Trustee, dated as of April 15, 1957, as supplemented by First, Second and Third Supplemental Trust Agreements) after providing for the reasonable and proper expenses of maintenance and operation thereof and after all payments required to be made to the Special Funds referred to in said Trust Agreement. Neither this Note nor the indebtedness evidenced thereby shall be deemed to constitute a claim against or lien upon any property of the State of Ohio, or any property of or under the control of the Board, excepting the sources of payment hereinbefore mentioned, and the general credit of the University or of the State of Ohio is not pledged to the payment of this Note or the interest thereon or the performance of any duty or obligation provided for herein; provided, however, that nothing herein shall be deemed to prohibit the University from using, of its own volition, other funds held by it and lawfully available for use in paying the principal and interest hereof.

This Note is one of a series of Notes of like tenor and effect, except as to denomination, numbered consecutively commencing with No. 1, aggregating \$3,000,000, principal amount, and issued for the purpose of financing the construction and equipping a new dormitory facility at The Ohio State University, under authority of, pursuant to and in full compliance with Section 3345.07 of the Ohio Revised Code, and pursuant to a resolution of the Board of Trustees of said University duly adopted on September 13, 1963.

In consideration of the loan evidenced by this Note, the University covenants and agrees that it will do all things on its part necessary to effect the issuance and delivery of its Dormitory Revenue Bonds, Series I, at such time and in such amounts as may be necessary to pay the principal of and interest on this Note as the same becomes due, and these obligations 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 Ohio Revised Code.

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

Dormitory Revenue Note

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 executed on behalf of the Board of Trustees and officers of said University solely in their capacity as such Trustees and officers and shall not constitute their personal obligation either jointly or severally in their individual capacities.

AND IT IS HEREBY CERTIFIED AND RECITED, that all acts, conditions and things necessary to be done precedent to and in the issuance of this Note, in order to make it a legal, valid and binding obligation of said University and its Board of Trustees, have happened, been done and performed in regular and due form as required by law.

IN WITNESS WHEREOF, The Ohio State University and its Board of Trustees have caused this Note to be signed on their behalf by the President and the Vice President, Business and Finance, of the University, and to be attested by the Secretary of the Board and to bear the seal of the University, all as of September 16, 1963.

THE OHIO STATE UNIVERSITY

and

THE BOARD OF TRUSTEES OF THE
OHIO STATE UNIVERSITY

By _____
President

(Seal)

And by _____
Vice President, Business
and Finance

Attest:

Secretary of the Board

APPENDIX IV

DESIGNATION OF SPECIAL COUNSEL BY ATTORNEY GENERAL
IN CONNECTION WITH SALE AND ISSUANCE OF
DORMITORY REVENUE BONDS, SERIES I

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 I, which are being issued to finance a new dormitory project on the campus of the University.

As Bond Counsel said firm shall assist and advise the University in the development of terms and conditions for financing of the dormitory project, 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, 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, certifications or other documents required from state officials, services on interim financing, including the rendering of an opinion thereon, and other extensive work in preparation of or review of prospectus or official statement for bidders, or preparation or review of new legislation.

Compensation for services rendered and to be rendered as Bond Counsel hereunder shall be \$1,400 plus (a) 75 cents per \$1,000 of principal amount of Series I Bonds issued, (b) 25 cents for each \$1,000 or principal amount of Series I Bonds issued 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, but not in excess of \$2,000. Reasonable compensation shall be paid for services rendered and to be rendered as Project Counsel, based upon transcript of services as approved by the Attorney General. 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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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
NINE HUNDRED AND EIGHTY-FOURTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, November 15, 1963

The Board of Trustees met at its regular monthly meeting on Friday, November 15, 1963, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Thomas F. Patton, Chairman, Smith L. Rairdon, Alan B. Loop, Stanley C. Allyn, John W. Bricker, Carlton S. Dargusch, John G. Ketterer, and Frederick E. Jones.

* * *

Mr. Patton introduced the two members of the Board who were appointed by Governor James A. Rhodes pursuant to Section 3335.02, increasing the number of Board members from seven to nine.

Mr. John G. Ketterer, Canton, Ohio, for a term beginning October 18, 1963 and ending May 14, 1971.

Mr. Frederick E. Jones, Columbus, Ohio, for a term beginning October 18, 1963 and ending May 14, 1972.

* * *

Minutes of the last meeting (September 13, 1963) were approved.

* * *

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Restudy of Medical Center Portion
of Campus Master Plan

The Board of Trustees, at the time of adopting the campus master plan on February 16, 1962, authorized and instructed the President "to proceed, through the Office of Campus Planning, to conduct such additional studies of feasibility, staging, and plan revision as are required for the effectuation of the plan. . . ."

Several developments in the medical center area of the campus make a restudy of this portion of the master plan now advisable. These developments include certain changes in departmental organization, the proposed expansion of the program of paramedical studies, proposed changes in the teaching of the basic medical sciences, new concepts in patient care and hospital design, the completion of the Wilbur Smith parking study, and certain preliminary investigations of ways of reducing the University's land acquisition needs in the area.

Arrangements have been made for the proposed restudy by the Office of Campus Planning in cooperation with the College of Medicine and the other colleges concerned and with the assistance of the following consultants as needed:

1. The Firm of Herman Smith, Chicago, Illinois. (Hospital Consultants)
2. Louis F. Karlsberger and Associates, Columbus, Ohio. (Architects)
3. Caudill, Rowlett and Scott, Houston, Texas. (Planning Consultants)
4. Wilbur Smith and Associates, New Haven, Connecticut. (Consulting Engineers--Parking)

It is recommended that the Board of Trustees approve the restudy of the medical center portion of the campus master plan with the understanding that the fees and expenses of consultants in an amount not to exceed \$16,000.00 will be paid from funds now available to the Office of Campus Planning and the College of Medicine.

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

November 15, 1963 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Revision of Rule 29. 2713 (Faculty Advisory Committee to the President and the Board of Trustees) of Rules for the University Faculty

On October 8, 1963 the Faculty Council approved a proposal from the Committee on Rules that the procedure for nominating a person for election to the Faculty Advisory Committee to the President and the Board of Trustees be revised as follows:

Delete the second sentence of Section 2 of Rule 29. 2713 and insert in place thereof the following:

Each faculty member may nominate one member of the University Faculty for membership on the Committee, regardless of the number of vacancies to be filled.

It is therefore recommended that this action of the Faculty Council be approved.

Upon motion of Mr. Bricker, seconded by Mr. Rairdon, the Board of Trustees by unanimous roll call vote approved the above recommendation, and the Secretary was authorized to revise Rule 29. 2713 of Rules for the University Faculty accordingly.

C. Fiftieth Anniversary for the College of Medicine and the College of Dentistry

The Executive Committees of the College of Medicine and the College of Dentistry through the respective Deans have proposed that the year 1964 be officially designated by the Board of Trustees as the Fiftieth Anniversary for these Colleges on The Ohio State University campus. On January 27, 1914 the Board of Trustees approved a resolution establishing the above named Colleges pursuant to an act of the 80th General Assembly of the State of Ohio. The instrument transferring the Starling-Ohio Medical College to The Ohio State University was ratified by the Board of Trustees on March 19, 1914.

It is therefore recommended that the proposal to designate the year 1964 as the Fiftieth Anniversary of the College of Medicine and the College of Dentistry be approved.

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

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II. PERSONNEL CHANGES

It is recommended that all personnel changes since the September 13, 1963 meeting of this Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes include the following Leaves of Absence With Salary and Leaves of Absence Without Salary:

November 15, 1963 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Leaves of Absence With Salary

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

George W. Hothem, Instructor (County Extension Agent, 4-H) Carroll County, January 1, 1964 through March 15, 1964, to study at The Ohio State University.

James W. Marquand, Instructor (County Extension Agent, 4-H) Tuscarawas County, January 1, 1964 through March 15, 1964, to study at The Ohio State University.

Edwin J. Royer, Instructor (Extension Specialist, Fruit and Vegetable Marketing), January 1, 1964 through March 15, 1964, to study at The Ohio State University.

Edgar P. Watkins, Instructor (Area Extension Agent, Marketing), January 1, 1964 through March 15, 1964, to study at Kent State University.

B. Leaves of Absence Without Salary

Russell W. Leedy, Professor, School of Social Work, October 1, 1963 through September 30, 1964, to teach at Catholic University.

Robert E. Stewart, Professor and Chairman (part time - 18%), Agricultural Extension Service, and Professor and Chairman (part time - 43%), Agricultural Engineering, November 1, 1963 through November 30, 1963, to serve as a consultant with the Ford Foundation to make a study of the Agricultural Engineering Department at the Punjab Agricultural College, Ludhiana, India.

Frank R. Silbajoris, Associate Professor, Slavic Languages and Literatures, October 1, 1963 through September 30, 1964, to serve as an exchange professor under a program of the United States Department of State.

Sten Erik Drugge, Instructor, Economics, October 1, 1963 through December 31, 1963, to work on his Ph.D. degree.

Fern E. Hunt, Instructor, School of Home Economics, November 1, 1963 through June 30, 1964, to study for her Ph.D. degree.

Geneva H. Nolan, Instructor (County Extension Agent, Home Economics) Meigs County, indefinite leave of absence, November 1, 1963, because of ill health.

Upon motion of Mr. Rairdon, seconded by Mr. Loop, the Leaves of Absence With Salary, Leaves of Absence Without Salary, and the personnel changes recorded in the official "Salary Roll" of the University were unanimously approved 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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November 15, 1963 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-1. Department of Health, Education and Welfare, Bureau of State Service, Washington 25, D. C., for an Investigation of Effect of Certain Antibiotics Upon Microflora and Enzymes in Milk (to be known as Bureau of State Service Project No. 547 - Ext. #10 - Department of Dairy Technology).
Gross Value - \$13,342.00.
- a-2. Department of the Navy, Office of Naval Research, Washington 25, D. C., for Research on the Production of Clinical Radiographs by Means of Compact, Low-energy and High-intensity Radioactive Sources (to be known as Office of Naval Research Project No. 834 - Amend. #10 - Department of Physics and College of Dentistry).
Gross Value - \$13,500.00.
- a-3. Department of Health, Education and Welfare, Bureau of State Service, Washington 25, D. C., for an Investigation of Physiological and Pathological Effects of Vibration (to be known as Bureau of State Service Project No. 862 - Ext. #5 - Department of Preventive Medicine).
Gross Value - \$103,826.00.
- a-4. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for An Investigation of ORNITHOGALUM UMBELLATUM (to be known as National Institutes of Health Project No. 867 - Ext. #5 - College of Pharmacy).
Gross Value - \$8,800.00.
- a-5. Department of Health, Education and Welfare, Bureau of State Service, Washington 25, 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. #5 - Department of Microbiology).
Gross Value - \$15,713.00.
- a-6. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for an Investigation of Phospholipide Metabolism in Relation to Cell Division (to be known as National Institutes of Health Project No. 911 - Ext. #5 - Institute of Nutrition and Food Technology).
Gross Value - \$17,452.00.

November 15, 1963 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)

- a-7. Department of the 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. #8 - Department of Physics).
Gross Value - \$17,500.00.
- a-8. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for an Investigation of Psychophysiology of Congenital Retinal Disease (to be known as National Institutes of Health Project No. 992 - Ext. #4 - Institute for Research in Vision).
Gross Value - \$23,248.00.
- a-9. Department of the Navy, Office of Naval Research, Washington 25, D. C. , for an Investigation of Voice Communication (to be known as Office of Naval Research Project No. 1002 - Amend. #8 - Department of Speech).
Gross Value - \$14,772.00.
- a-10. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for an Investigation of Factors Influencing Experimental Cancer of Uterus (to be known as National Institutes of Health Project No. 1005 - Ext. #4 - Department of Pathology).
Gross Value - \$22,988.00.
- a-11. Headquarters, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, for Services in Support of Research on the Chemistry of Fuels and Propulsion (to be known as Aeronautical Systems Division Project No. 1077 - Mod. #9 - RF Internal Supervision).
Gross Value - \$150,000.00.
- a-12. Headquarters, Electronic Systems Division, AFSC, Laurence G. Hanscom Field, Bedford, Massachusetts, for Study of Emission Spectra by Phase-discrimination Methods (to be known as Electronic Systems Division Project No. 1078 - Mod. #8 - Department of Physics).
Gross Value - \$25,000.00.
- a-13. 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-Aminothiols (to be known as Office of the Surgeon General Project No. 1092 - Mod. #8 - Department of Chemistry).
Gross Value - \$17,452.00.

November 15, 1963 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)

- a-14. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for an Investigation of Metabolism in the Hypothermic By-Passed Heart (to be known as National Institutes of Health Project No. 1100 - Ext. #3 - Department of Surgery).
Gross Value - \$39,906.00.
- a-15. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for an Investigation of Tissue Enzymes in Rheumatic Diseases (to be known as National Institutes of Health Project No. 1106 - Sup. #1 - Department of Medicine).
Gross Value - \$7,414.00.
- a-16. Rome Air Development Center, AFSC, Griffiss Air Force Base, New York, for (U) Absorption of Electromagnetic Energy by Nose Cones (to be known as Rome Air Development Center Project No. 1107 - Sup. #8 - Department of Electrical Engineering).
Gross Value - \$11,963.00.
- a-17. Electronic Systems Division, AFSC, Laurence G. Hanscom Field, Bedford, Massachusetts, for A Theoretical Study of the Modification in Echo Area of Space Vehicles Due to Their Local Space Environment (to be known as Electronic Systems Division Project No. 1116 - Mod. #8 - Department of Electrical Engineering).
Gross Value - \$60,000.00.
- a-18. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for an Investigation of Biogenesis of Oligosaccharides Containing Galactose (to be known as National Institutes of Health Project No. 1165 - Ext. #3 - Department of Agricultural Biochemistry).
Gross Value - \$28,909.00.
- a-19. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for an Investigation of Effect of Antimetabolites on the Chick Embryo (to be known as National Institutes of Health Project No. 1168 - Ext. #3 - Department of Poultry Science).
Gross Value - \$13,518.00.
- a-20. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for an Investigation of Hormonal Regulations of Cellular Processes (to be known as National Institutes of Health Project No. 1172 - Ext. #3 - Department of Agricultural Biochemistry).
Gross Value - \$19,885.00.

November 15, 1963 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)

- a-21. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for an Investigation of Tumor Necrotizing Activity of Tuberosus Begonias (to be known as National Institutes of Health Project No. 1338 - Ext. #2 - College of Pharmacy).
Gross Value - \$7,770.00.
- a-22. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for an Investigation of Pancreatic Hormonal Influence on Gastric Secretion (to be known as National Institutes of Health Project No. 1344 - Ext. #2 - Department of Surgery).
Gross Value - \$77,174.00.
- a-23. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for a Cooperative Study of Renovascular Hypertension (to be known as National Institutes of Health Project No. 1346 - Ext. #2 - Department of Surgery).
Gross Value - \$38,046.00.
- a-24. Department of Health, Education and Welfare, Public Health Service, Bureau of State Service, Washington 25, D. C., for Study of Passenger Health Problems in Jet Air Travel (to be known as Bureau of State Service Project No. 1357 - Ext. #2 - Department of Preventive Medicine).
Gross Value - \$35,210.00.
- a-25. Department of Health, Education and Welfare, Public Health Service, Bureau of State Service, Washington 25, D. C., for an Investigation of the Use of Benzimidazoles as Food Additives (to be known as Bureau of State Service Project No. 1360 - Ext. #2 - Department of Poultry Science).
Gross Value - \$15,051.00.
- a-26. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for an Investigation of Experimental Portal Hypertension (to be known as National Institutes of Health Project No. 1364 - Ext. #2 - Department of Surgery).
Gross Value - \$10,800.00.
- a-27. Headquarters, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, for Contributive Research in Thermo-mechanics (to be known as Aeronautical Systems Division Project No. 1401 - Sup. #2 - RF Internal Supervision).
Gross Value - \$126,080.00.

November 15, 1963 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)

- a-28. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for Treatment of Malignant Neoplasms in Domestic Animals (to be known as National Institutes of Health Project No. 1403 - Ext. #2 - Departments of Veterinary Surgery and Radiology). Gross Value - \$22,716.00.
- a-29. Department of Health, Education and Welfare, Office of Education, Washington 25, D. C., for A Study to Evaluate Two Methods Using Magnetic Tape Recordings for the Self-Instructional Presentation of the Elemental Materials of Music (to be known as Office of Education Project No. 1407 - Ltr. 8/23/63 - School of Music). Gross Value - \$7,100.00.
- a-30. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for a Study of Hard Dental Tissues and Restorative Materials (to be known as National Institutes of Health Project No. 1410 - Ext. #2 - College of Dentistry). Gross Value - \$5,635.00.
- a-31. Department of Health, Education and Welfare, Office of Education, Washington, D. C., for an Investigation of the Role of Colleges and Universities in the Education of the Aged (to be known as Office of Education Project No. 1419 - Amend. #1 - Bureau of Educational Research and Service). Gross Value - \$750.00.
- a-32. National Science Foundation, Washington, D. C., for an Investigation of Ice Surface Movements on the Rockefeller Plateau (to be known as National Science Foundation Project No. 1444 - Amend. #1 - Institute of Polar Studies and Department of Geodetic Science). Gross Value - \$3,940.00.
- a-33. Headquarters, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, for Technical Services to Provide Inter-mittent Research Analysis on Materials and Associated Problems (to be known as Aeronautical Systems Division Project No. 1473 - C. O. #3 - RF Internal Supervision). Gross Value - \$145,000.00.
- a-34. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for an Investigation of Sternberg-Reed Cells in Blood of Hodgkin's Patients (to be known as National Institutes of Health Project No. 1488 - Ext. #1 - Department of Medicine). Gross Value - \$9,739.00.

November 15, 1963 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)

- a-35. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for Studies on Myocardial Metabolism and Contractility (to be known as National Institutes of Health Project No. 1496 - Ext. #1 - Department of Medicine).
Gross Value - \$19,932.00.
- a-36. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for A Phytochemical Study of the Genus *Thalictrum* (to be known as National Institutes of Health Project No. 1497 - Ext. #1 - College of Pharmacy).
Gross Value - \$12,060.00.
- a-37. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for an Investigation of Origin of Alkaline Phosphatase in Surgical Jaundice (to be known as National Institutes of Health Project No. 1499 - Ext. #1 - Department of Surgery).
Gross Value - \$18,180.00.
- a-38. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for an Investigation of Chemical Reactions of Coordinated Functional Groups (to be known as National Institutes of Health Project No. 1501 - Ext. #1 - Department of Chemistry).
Gross Value - \$22,536.00.
- a-39. Department of Health, Education and Welfare, Bureau of State Service, Washington 25, D. C., for an Investigation of Effect of Food Processing on Radioactive Fallout (to be known as Bureau of State Service Project No. 1502 - Ext. #1 - Department of Horticulture and Forestry).
Gross Value - \$21,101.00.
- a-40. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for an Investigation of Modes of "Arousal" and Discrimination Efficiency (to be known as National Institutes of Health Project No. 1504 - Ext. #1 - Department of Psychology).
Gross Value - \$5,624.00.
- a-41. 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. #3 - Department of Zoology and Entomology).
Gross Value - \$10,000.00.

November 15, 1963 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)

- a-42. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for an Investigation of Psycho-physiological Changes Following Septal Damage (to be known as National Institutes of Health Project No. 1517 - Ext. #1 - Department of Psychiatry).
Gross Value - \$15,202.00.
- a-43. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for an Investigation of Effects of Hypothermic Drugs on Behavior (to be known as National Institutes of Health Project No. 1523 - Ext. #1 - College of Pharmacy).
Gross Value - \$5,904.00.
- a-44. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for an Investigation of Operant Conditioning in Retardates (to be known as National Institutes of Health Project No. 1524 - Ext. #1 - Department of Psychiatry).
Gross Value - \$6,049.00.
- a-45. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for an Investigation of Molecular Interactions of Biochemical Interest (to be known as National Institutes of Health Project No. 1539 - Ext. #1 - College of Pharmacy).
Gross Value - \$6,891.00.
- a-46. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for an Investigation of Mechanism of Biosynthesis of Heteropolysaccharides (to be known as National Institutes of Health Project No. 1541 - Ext. #1 - Department of Agricultural Biochemistry).
Gross Value - \$17,663.00.
- a-47. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for an Investigation of Modes of Action of Tetracycline Antibiotics (to be known as National Institutes of Health Project No. 1554 - Ext. #1 - Department of Agricultural Biochemistry).
Gross Value - \$19,105.00.
- a-48. 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. #4 - Department of Medicine).
Gross Value - \$33,000.00.

November 15, 1963 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)

- a-49. Headquarters, 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. #3 - Department of Physics).
Gross Value - \$25,000.00.
- a-50. Department of Health, Education and Welfare, Office of Education, Washington 25, D. C., for an Investigation of the Influence of Vision Training Upon the Subsequent Reading Achievement of Fourth Grade Children (to be known as Office of Education Project No. 1603 - Amend. #1 - Department of Psychology).
Gross Value - \$25,608.00.
- a-51. Headquarters, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, for Research on the Properties of Electronic and Magnetic Materials at Cryogenic Temperatures (to be known as Aeronautical Systems Division Project No. 1620 - C. O. #2 - Department of Physics).
Gross Value - \$23,480.00.
- a-52. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for an Investigation of Pharmacologic Effects Upon Single Nerve Cell Systems (to be known as National Institutes of Health Project No. 1626 - Ext. #1 - Department of Psychiatry).
Gross Value - \$17,958.00.
- a-53. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for an Investigation of Neuro-respiratory Reflexes (to be known as National Institutes of Health Project No. 1627 - Ext. #1 - Department of Psychiatry).
Gross Value - \$3,414.00.
- a-54. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for an Investigation of Genetic Basis of Behavior Differences (to be known as National Institutes of Health Project No. 1633 - Ext. #1 - Department of Zoology and Entomology).
Gross Value - \$17,520.00.
- a-55. Headquarters, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, for Intermittent Research Analysis Services in Flight Control (to be known as Aeronautical Systems Division Project No. 1635 - Mod. #1 - RF Internal Supervision).
Gross Value - \$29,189.34.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a-56. Department of the Navy, Office of Naval Research, Washington 25, 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. #2 - Engineering Experiment Station).
Gross Value - \$7,619.00.
- a-57. Aeronautical Systems Division, AFSC, Wright-Patterson Air Force Base, Ohio, for Research on Hypersonic Aerothermodynamics Simulation in Rarefied Flows (to be known as Aeronautical Systems Division Project No. 1657 - Mod. #1 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$31,394.00.
- a-58. Headquarters, Aeronautical Chart and Information Center, USAF, Second & Arsenal, St. Louis, Missouri, for Collection, Reduction, Processing and Evaluation of Gravity Data (to be known as Aeronautical Chart and Information Center Project No. 1668 - Mod. #2 - Department of Geodetic Science).
Gross Value - \$74,620.00.
- a-59. Classified Program (to be known as Classified Program Project No. 1675 - C. O. #1 - Department of Electrical Engineering).
Gross Value - \$124,320.00.
- a-60. National Science Foundation, Washington 25, D. C., for an Investigation of High-Resolution Infrared Spectra of Polyatomic Molecules (to be known as National Science Foundation Project No. 1692 - New - Department of Physics).
Gross Value - \$43,800.00.
- a-61. Headquarters, 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 - New - Department of Electrical Engineering).
Gross Value - \$20,000.00.
- a-62. National Science Foundation, Washington 25, D. C., for an Investigation of Schiff Bases: Their Metal Complexes and Role in Non-Enzymatic Transamination (to be known as National Science Foundation Project No. 1704 - New - Department of Chemistry).
Gross Value - \$56,300.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a-63. Headquarters, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, for Research and Development in Aerospace Environmental Physiological Stresses (to be known as Aeronautical Systems Division Project No. 1705 - New - Department of Preventive Medicine).
Gross Value - \$7,628.00.
- a-64. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for a Survey of Cerebrovisceral Physiology in the USSR (to be known as National Institutes of Health Project No. 1706 - New - Department of Psychiatry).
Gross Value - \$29,340.00.
- a-65. National Science Foundation, Washington 25, D. C., for an Investigation of Thermodynamic Approach to the Strength of Soils (to be known as National Science Foundation Project No. 1707 - New - Department of Civil Engineering).
Gross Value - \$18,800.00.
- a-66. National Science Foundation, Washington 25, D. C., for a Kinetic Examination of Phosphoglucose Isomerase Catalyzed Reaction (to be known as National Science Foundation Project No. 1708 - New - Department of Agricultural Biochemistry).
Gross Value - \$22,000.00.
- a-67. Department of Defense, 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 - New - Department of Sociology and Anthropology).
Gross Value - \$52,000.00.
- a-68. Department of Health, Education and Welfare, Office of Education, Washington 25, D. C., for An Analysis and Projection of Research in Teacher Education (to be known as Office of Education Project No. 1711 - New - Department of Education).
Gross Value - \$14,529.00.
- a-69. Department of Health, Education and Welfare, Office of Education, Washington 25, D. C., for Development of a Taxonomy for the Classification of Teacher Classroom Behavior (to be known as Office of Education Project No. 1712 - New - Department of Education).
Gross Value - \$91,722.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a-70. National Aeronautics and Space Administration, Washington 25, D. C. , for Development of Booklets on Guidance in Space Science and Technology for Elementary, Junior and Senior High Schools (to be known as National Aeronautics and Space Administration Project No. 1713 - New - Department of Education).
Gross Value - \$14,007.00.
- a-71. National Science Foundation, Washington 25, D. C. , for Synthesis and Studies of Boron Heterocycles and Derivatives (to be known as National Science Foundation Project No. 1714 - New - Department of Chemistry).
Gross Value - \$50,500.00.
- a-72. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for an Investigation of Salt and Water in Connective Tissue Swelling (to be known as National Institutes of Health Project No. 1715 - New - Department of Physiology).
Gross Value - \$5,311.00.
- a-73. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for Digital Analysis of Physiological Control Systems (to be known as National Institutes of Health Project No. 1716 - New - Department of Physiology).
Gross Value - \$48,290.00.
- a-74. AF Institute of Technology, Air University, USAF, Wright-Patterson Air Force Base, Ohio, for 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 AF Institute of Technology Project No. 1717 - New - Defense Management Center).
Gross Value - \$706,402.00.
- a-75. Defense Supply Agency, Defense Construction Supply Center, P. O. Box 2059, Columbus, Ohio, for Services as Part of Training Course in "Middle Management" (to be known as Defense Construction Supply Center Project No. 1718 - New - Defense Management Center).
Gross Value - \$4,536.00.
- a-76. Department of Health, Education and Welfare, Office of Education, Washington 25, D. C. , for a Survey of Printed Materials on Conservation (to be known as Office of Education Project No. 1719 - New - Department of Zoology and Entomology).
Gross Value - \$56,184.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a-77. Department of Health, Education and Welfare, Bureau of State Service, Washington 25, D. C. , for an Investigation of Effects of Pesticides on Reproductive Success of Mice (to be known as Bureau of State Service Project No. 1720 - New - Department of Zoology and Entomology).
Gross Value - \$18,087.00.
- a-78. National Science Foundation, Washington 25, D. C. , for Purchase of Seven Chemical Research Instruments (to be known as National Science Foundation Project No. 1721 - New - Department of Chemistry).
Gross Value - \$26,500.00.
- a-79. U. S. Army Research Office (Durham), Box CM, Duke Station, Durham, North Carolina, for an Investigation of 2367-C - Stabilized Carbanions (to be known as U. S. Army Research Office (Durham) Project No. 1723 - New - Department of Chemistry).
Gross Value - \$39,822.00.
- a-80. Air Force Office of Scientific Research, Office of Aerospace Research, Washington 25, D. C. , for an Investigation of the Spectrum of the G9 Giant Star Epsilon Virginis (to be known as Air Force Office of Scientific Research Project No. 1724 - New - Department of Astronomy).
Gross Value - \$11,231.00.
- a-81. U. S. Army Research Office (Durham), Box CM, Duke Station, Durham, North Carolina, for an Investigation of 4486-CHEM - Transition Metal Complexes with Two New Series of Tetradentate Ligands (to be known as U. S. Army Research Office (Durham) Project No. 1725 - New - Department of Chemistry).
Gross Value - \$38,112.00.
- a-82. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for an Investigation of Behavior Following Rearing in a "Random" Environment (to be known as National Institutes of Health Project No. 1726 - New - Department of Psychology).
Gross Value - \$24,972.00.
- a-83. National Science Foundation, Washington 25, D. C. , for Glaciological Maps of Antarctic (to be known as National Science Foundation Project No. 1727 - New - Institute of Polar Studies).
Gross Value - \$6,300.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a-84. Department of Health, Education and Welfare, Office of Education, Washington, D. C. , for Development of Economic Curricular Materials for Secondary Schools (to be known as Office of Education Project No. 1744 - New - Bureau of Educational Research and Service).
Gross Value - \$221,263.00.
- a-85. Cleveland Procurement District, U. S. Army, 1367 East 6th Street, Cleveland, Ohio, for Research Study on Soil Sinkage Stress Strain Relations (to be known as Cleveland Procurement District No. 1745 - New - Department of Civil Engineering).
Gross Value - \$17,430.00.
- a-86. Air Force Missile Development Center, P. O. Box 393, Holloman AFB, New Mexico, for Studies on the Hemodynamic Effects of Gravitational Forces on the Chimpanzee (to be known as Air Force Missile Development Center Project No. 1746 - New - Department of Medicine).
Gross Value - \$17,500.00.
- a-87. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for an Investigation of Carbonic Anhydrase in Endometrial Tissue (to be known as National Institutes of Health Project No. 1747 - New - Department of Obstetrics and Gynecology).
Gross Value - \$11,830.00.
- a-88. Department of Health, Education and Welfare, Public Health Service, Bureau of State Services, Washington, D. C. , for Clinical Application of (Replacement) Techniques in Speech and Hearing (to be known as Bureau of State Services Project No. 1748 - New - Department of Speech).
Gross Value - \$10,076.00.
- a-89. Aeronautical Systems Division, AFSC, Wright-Patterson Air Force Base, Ohio, for Research on Phase Equilibria Approach to Growth of Doped Single Crystals of Refractory Compounds (to be known as Aeronautical Systems Division Project No. 1750 - New - Department of Mineralogy).
Gross Value - \$11,651.00.
- a-90. Aeronautical Systems Division, AFSC, Wright-Patterson Air Force Base, Ohio, for Research on Integrated Radome-Scanner Design Techniques (to be known as Aeronautical Systems Division Project No. 1751 - New - Department of Electrical Engineering).
Gross Value - \$54,686.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- a-91. National Science Foundation, Washington, D. C., for an Investigation of Structural Aspects of Montmorillonites (to be known as National Science Foundation Project No. 1752 - New - Department of Mineralogy).
Gross Value - \$9,820.00.
- a-92. Department of Health, Education and Welfare, Office of Education, Washington, D. C., for Development of a National Register of Educational Researchers (to be known as Office of Education Project No. 1753 - New - Bureau of Educational Research and Service).
Gross Value - \$28,240.00.
- a-93. National Science Foundation, Washington, D. C., for a Structural Investigation of Polysaccharides (to be known as National Science Foundation Project No. 1755 - New - Department of Chemistry).
Gross Value - \$43,200.00.
- a-94. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, for an Investigation of Chondroitin Sulfate in Cervical Tissue (to be known as National Institutes of Health Project No. 1756 - New - Department of Obstetrics and Gynecology).
Gross Value - \$8,236.00.
- a-95. Department of Health, Education and Welfare, Office of Education, Washington, D. C., for Evaluation and Synthesis of Research Studies Relating to Music Education (to be known as Office of Education Project No. 1757 - New - School of Music).
Gross Value - \$38,905.00.
- a-96. Electronic Systems Division, AFSC, Laurence G. Hanscom Field, Bedford, Massachusetts, for Research Directed Toward Determination of Radiative Properties and Composition of the Atmosphere (to be known as Electronic Systems Division Project No. 1758 - New - Department of Physics).
Gross Value - \$25,000.00.
- a-97. U. S. Department of the Interior, Fish and Wildlife Service, Bureau of Commercial Fisheries, 2309 Columbus Avenue, Sandusky, Ohio, for Research Computer Services in Connection with the Study "The Variability of Trawl Catches in Western Lake Erie" (to be known as Bureau of Commercial Fisheries Project No. 1759 - New - Department of Economics).
Gross Value - \$2,100.00.

TOTAL - Government Contracts - Federal \$3,629,878.34

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

2. Industrial and Other Contracts

- a-1. 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. #6 and Ext. #7 - Department of Chemistry).
Gross Value - \$6,977.00.
- a-2. The Petroleum Research Fund, American Chemical Society, 1155 - 16th Street, N. W., Washington 6, D. C., for an Investigation of Synthesis of Highly-Strained Unsaturated Small Ring Compounds (to be known as The Petroleum Research Fund Project No. 938 - Ext. #2 - Department of Chemistry).
Gross Value - \$15,600.00.
- a-3. The Regents of the University of Wisconsin, Madison 6, 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 - Check #C092923 and Check #C097404 - Department of Surgery).
Gross Value - \$4,734.00.
- a-4. Health Research, Inc., Rosewell Park Division, 666 Elm Street, Buffalo, New York, for Breast Adjuvant Study (to be known as Health Research, Inc. Project No. 1569 - Check #18037 - Department of Surgery).
Gross Value - \$750.00.
- a-5. North American Aviation, Inc., Columbus Division, 4300 West Fifth Avenue, Columbus, Ohio, for Hypersonic Wind Tunnel Tests (to be known as North American Aviation, Inc. Project No. 1682 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$13,782.00.
- a-6. Hospital Care Corporation, 1361 Taft Road, Cincinnati, Ohio, for an Investigation of Physician's Attitudes Toward Health Economics (to be known as Hospital Care Corporation Project No. 1710 - New - Department of Sociology and Anthropology).
Gross Value - \$12,612.00.
- a-7. Wisconsin-Minnesota Artificial Insemination Cooperatives, P. O. Box 469, Shawano, Wisconsin, for Research in Livestock Cytogenetics (to be known as Wisconsin-Minnesota Artificial Insemination Cooperatives Project No. 1722 - New - Department of Dairy Science).
Gross Value - \$2,000.00.

November 15, 1963 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

2. Industrial and Other Contracts (continued)

- a-8. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, for an Analysis of the Physiologic Volumes Comprising the Central Venous Volume (to be known as Central Ohio Heart Association Project No. 1728 - New - Department of Veterinary Physiology and Pharmacology).
Gross Value - \$4,263.00.
- a-9. 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. 1729 - New - Department of Veterinary Physiology and Pharmacology).
Gross Value - \$6,346.00.
- a-10. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, for an Investigation of Receptor Function of Internal Organs in Reflex Regulation of Blood Pressure (to be known as Central Ohio Heart Association Project No. 1730 - New - Department of Psychiatry).
Gross Value - \$4,373.25.
- a-11. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, for Angiographic Studies of Cerebral Circulation (to be known as Central Ohio Heart Association Project No. 1731 - New - Department of Surgery).
Gross Value - \$7,140.00.
- a-12. 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. 1732 - New - Department of Veterinary Physiology and Pharmacology).
Gross Value - \$3,365.25.
- a-13. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, for an Investigation of the Hemodynamic Effects of Potassium in Heart Disease and Normal Subjects (to be known as Central Ohio Heart Association Project No. 1733 - New - Department of Medicine).
Gross Value - \$5,425.30.
- a-14. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, for an Investigation of Intraesophageal Phonocardiography and the Indirect Left Atrial Pulse (to be known as Central Ohio Heart Association Project No. 1734 - New - Department of Medicine).
Gross Value - \$6,158.25.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

2. Industrial and Other Contracts (continued)

- a-15. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, for Control Studies on the Measurement of Hypertension (to be known as Central Ohio Heart Association Project No. 1735 - New - Department of Surgery). Gross Value - \$10,500.00.
- a-16. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, for an Investigation of the Biochemical Basis for the Myocardial Response to Catechol Amines (to be known as Central Ohio Heart Association Project No. 1736 - New - Department of Medicine). Gross Value - \$8,111.25.
- a-17. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, for an Investigation of Cardiovascular System in Hyperthermic Coelosomia (to be known as Central Ohio Heart Association Project No. 1737 - New - Department of Anatomy). Gross Value - \$2,310.00.
- a-18. 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. 1738 - New - Department of Medicine). Gross Value - \$10,530.45.
- a-19. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, for an Investigation of Total Replacement of the Canine Heart (to be known as Central Ohio Heart Association Project No. 1739 - New - Department of Surgery). Gross Value - \$8,715.00.
- a-20. 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. 1740 - New - Department of Physiological Chemistry and Pharmacology). Gross Value - \$9,395.00.
- a-21. 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. 1741 - New - Department of Medicine). Gross Value - \$6,095.25.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

2. Industrial and Other Contracts (continued)

- a-22. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, for an Investigation of the Accumulation of Glycogen in the Rat Heart (to be known as Central Ohio Heart Association Project No. 1742 - New - Department of Pathology).
Gross Value - \$8,400.00.
- a-23. G. D. Searle and Company, Chicago, Illinois, for an Investigation of Metabolism of Enovid and SCII, 800 (to be known as G. D. Searle and Company Project No. 1749 - New - Department of Obstetrics and Gynecology).
Gross Value - \$9,700.00.
- a-24. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, for A Study of the Hypertensive Potency of Antidiuretic Hormone (to be known as Central Ohio Heart Association Project No. 1754 - New - Department of Surgery).
Gross Value - \$3,108.00.

TOTAL - Industrial and Other Contracts \$170,391.00

The foregoing one hundred and twenty-one contracts for research in cooperation with Government, Industry and Other represent a gross income of \$3,800,269.34.

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

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

During the period from September 2, 1963 through October 31, 1963 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 208 Development of Instrumentation to Measure Pavement
Ext. #2 Thickness, Ohio Department of Highways, Columbus,
 Ohio, Bureau of Public Roads, Washington, D. C.
 Gross Value - \$72,240.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Research Contracts (continued)

- | | |
|--------------------|---|
| EES 218
Ext. #1 | Evaluation of Insulating Materials to Reduce Premature Icing of Bridge Decks, Ohio Department of Highways, Columbus, Ohio, Bureau of Public Roads, Washington, D. C.
Gross Value - \$25,200.00. |
| EES 220
Ext. #1 | Development of Sonic and Ultrasonic Power Devices for Application in Highway Engineering, Ohio Department of Highways, Columbus, Ohio, Bureau of Public Roads, Washington, D. C.
Gross Value - \$135,000.00. |
| EES 238 | Development of Data and Procedures for the Design of Skewed Slab Bridge Structures, Ohio Department of Highways, Columbus, Ohio, Bureau of Public Roads, Washington, D. C.
Gross Value - \$34,260.00. |
| SC-32 | Development and Conduct of Conferences and Short Courses in the Area of Civil Defense, U. S. Department of Defense, Office of Civil Defense, Washington 25, D. C.
Gross Value - \$60,000.00. |
| SC-33 | Fallout Shelter Analysis Course, U. S. Department of Defense, Office of Civil Defense, Washington 25, D. C.
Gross Value - \$2,952.00. |
| SC-34 | Structural Dynamics Short Course, U. S. Department of Defense, Office of Civil Defense, Washington 25, D. C.
Gross Value - \$1,950.00. |

TOTAL - Government Research Contracts \$331,602.00

2. Industrial Research Contracts

- | | |
|--------------------|--|
| EES 213
Ext. #1 | Fundamentals of Exothermic Pads to Increase Feeding Distances of Risers in Steel Castings, Steel Founders' Society of America, Cleveland, Ohio.
Gross Value - \$8,000.00. |
| EES 237 | Mahoning County Comprehensive Planning Study, The Mahoning County Planning Commission, Youngstown, Ohio.
Gross Value - \$4,890.00. |

TOTAL - Industrial Research Contracts \$12,890.00

The foregoing nine contracts for research in the Engineering Experiment Station represent a gross income of \$344,492.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

C. Agreement Between the College of Medicine of
The Ohio State University and Riverside Methodist
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 the Riverside Methodist Hospital (The White Cross Hospital Association of Ohio) 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 Riverside Methodist Hospital. Thus, the professional staff of Riverside Methodist Hospital will collaborate in the teaching of The Ohio State University medical students in a private hospital. Should such an agreement be approved, it is expected that beginning Winter Quarter 1964 a selected number of junior students of the College of Medicine would spend a portion of their time at Riverside Methodist Hospital. The students would be rotated so that eventually the entire class would have an opportunity to share in this learning experience.

The Board of Trustees of Riverside Methodist Hospital has indicated its willingness to participate in an affiliate teaching program and it is therefore recommended that the President be authorized to sign such an agreement on behalf of the University with the understanding that there is no financial obligation on the part of the University.

Upon motion of Mr. Bricker, seconded by Mr. Loop, 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 Riverside Methodist Hospital for an affiliate teaching program.

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IV. GRANTS AND GIFTS

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

A. Administered Through the Office of Business and Finance

1. \$21,000.00 granted by the National Science Foundation to the University for support of an "Undergraduate Science Education Program," under the direction of Dean Lloyd M. Parks, College of Pharmacy. This grant terminates August 31, 1965. (Grant GE-2940)
2. \$19,400.00 granted by the National Science Foundation to the University for support of an "Undergraduate Science Education Program," under the direction of Professor Paul G. Gassman, Department of Chemistry. This grant terminates August 31, 1965. (Grant GE-2886)

November 15, 1963 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

3. \$18,500.00 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.
4. \$11,455.00 granted by the Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, to the University for "Dental Editors' Workshop," under the direction of Mr. George J. Kienzle and Mr. Paul Barton, School of Journalism, for the period April 1, 1964 through March 31, 1965. (Grant DE 02045-01)

TOTAL - Through the Office of Business and Finance \$70,355.00

B. Received Through the Development Fund

1. \$21,000.00 from The Procter and Gamble Company, Cincinnati, Ohio, for research and fellowships in the College of Dentistry.
2. \$11,323.88 from The Lima Chapter of the Northwest Pharmaceutical Association (\$5,661.94) and The Lima and Allen County Academy of Medicine (\$5,661.94) for the establishment of the Allen County Sabin Scholarship Fund. Of this amount \$11,000.00 is to be deposited in the University's Investment Portfolio for the establishment of an endowment fund with the understanding that the income from the said endowment and the sum of \$323.88 is to be used for scholarships at the Lima Branch of The Ohio State University.

Allen County Sabin Scholarship Fund

The Allen County Sabin Scholarship Fund was established September 18, 1963 by a gift from The Lima and Allen County Academy of Medicine and The Lima Chapter of the Northwest Ohio Pharmaceutical Association.

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 exclusively for scholarships for the payment of tuition only to worthy students from Lima and Allen County, Ohio, who attend the Lima Branch of The Ohio State University.

In the event of the discontinuance of The Ohio State University Branch in Lima or Allen County, Ohio, or the cessation of the need for such scholarships, the entire principal balance of this fund then remaining, plus any income accrued thereon, shall thereupon revert and become payable to the donors.

3. \$11,200.00 from the Charles F. Kettering Foundation--\$7,200.00 for fellowships in Chemistry and \$4,000.00 for the Kettering Co-op Fellowships.

November 15, 1963 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

4. \$10,000.00 from The Bremer Foundation, Youngstown, Ohio, for medical research.
5. \$9,350.00 from the Trust under the Will of Anna Roessler for scholarships.
6. \$8,410.00 from the Trust under the Will of Glenna Joyce for scholarships.
7. \$8,400.00 from the Alfred P. Sloan Foundation for scholarships.
8. \$8,250.00 from friends, associates, and family of Merle Robert Maffit for the Merle Robert Maffit Memorial Fund. Included in this amount is \$2,500.00 from the Yassenoff Foundation, \$1,000.00 from the F. & Y. Building Service, Inc., and \$1,000.00 from the Ohio Stater Inn, Inc.

Merle Robert Maffit Memorial Fund

The Merle Robert Maffit Memorial Fund was established October 3, 1963 by gifts through the Development Fund from friends, associates and family of Merle Robert Maffit, Engineering W'23, in his memory.

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 to students in architecture.

In the event the need for such scholarships ceases to exist or so diminishes as to create unused income, then the Board of Trustees of the University may use said income in its discretion, preference to be given, however, to items in the area of architecture.

9. \$5,741.32 from the National Legal Aid and Defender Association for experimental project in education for professional responsibility, College of Law.
10. \$5,000.00 from Public Welfare Foundation, Inc. for pediatric research in poison control.
11. \$5,000.00 from The General Electric Foundation for the 1963-64 Graduate Research and Study Grant in the field of Chemistry.
12. \$4,900.00 from State Farm Mutual Automobile Insurance Company, Bloomington, Illinois, for research in Psychology.
13. \$3,500.00 from Goodyear Foundation, Inc., Akron, Ohio, for fellowship in Chemistry.

November 15, 1963 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

14. \$3,500.00 from friends of George M. Trautman for the George M. Trautman Memorial Fund.

George M. Trautman Memorial Fund

The George M. Trautman Memorial Fund was established September 20, 1963 by gifts through the Development Fund from many friends of George M. Trautman (B.Sc. '14 - Forestry), in his memory.

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 research in cancer. In the event the need for research on this disease ceases to exist or so diminishes as to create unused income, then said income may be used by the Board of Trustees of The Ohio State University in its discretion for any purpose.

15. \$2,500.00 from General Telephone and Electronics Foundation, New York, New York, for a fellowship in the Graduate School.
16. \$2,152.50 from Robert M. Critchfield, Pontiac, Michigan, to establish The Robert M. Critchfield Fund for Engineering.
17. \$2,000.00 from The William T. Morris Foundation, Inc., New York, New York, for scholarships in Welding Engineering.
18. \$1,200.00 from friends of Michael Peppe for the Michael Peppe Scholarship Fund.

Michael Peppe Scholarship Fund

The Michael Peppe Scholarship Fund was established November 1, 1963 by gifts through the Development Fund in honor of Michael Peppe, Professor Emeritus of Physical Education and Head Swimming Coach from 1930 until his retirement in 1963.

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

The income is to be used for scholarships for students who become members of the University swimming or diving teams, upon recommendation of the head swimming coach.

In the event The Ohio State University should not have a swimming or diving team then said income shall be used for scholarships for any needy students at The Ohio State University to be awarded by the University Scholarship Committee or the constituted authority for awarding scholarships at the University.

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

18. Michael Peppe Scholarship Fund (continued)

In case the need for the use of the income as above outlined ceases to exist or so diminishes as to create unused income, then the Board of Trustees of The Ohio State University may use said income at its discretion for any purpose.

19. \$1,139.83 from family and friends of Benjamin T. Brooks for the Benjamin T. Brooks Memorial Fund.

Benjamin T. Brooks Memorial Fund

The Benjamin T. Brooks Memorial Fund was established September 16, 1963 by gifts through the Development Fund in memory of Benjamin T. Brooks, B.A. '06, from his widow, Mrs. Benjamin T. Brooks, his daughter, Mrs. Joseph J. Hickey, his sons, William B. Brooks, Robert O. Brooks, Benjamin T. Brooks, Jr., and many friends.

The principal and any additional contributions shall be kept as a permanent fund to be invested in the University's investment portfolio 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 acquisitions to the Department of Chemistry Library including such books, texts, journals, magazines or documents as may be determined by those in charge of said Library. At the end of any fiscal year in which there is a balance in income remaining, this balance shall be credited to the principal.

In the event the need for acquisitions to the Department of Chemistry Library shall cease to exist or so diminish as to create unused income, then the Board of Trustees of the University may use said income and/or excess principal, for any purpose in its discretion, preference to be given, however, to items in the field of Chemistry.

20. \$1,036.18 from Josephine S. Failer, Columbus, Ohio, for a program of continuing education for women.
21. \$1,000.00 from Jack S. Resler for The John B. Fullen Scholarship Fund.

The John B. Fullen Scholarship Fund

The John B. Fullen Scholarship Fund was established October 3, 1963 by a gift through the Development Fund by Jack S. Resler, B.Sc. '25, in honor of John B. Fullen, B.Sc. '25 - Journalism.

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.

November 15, 1963 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

21. The John B. Fullen Scholarship Fund (continued)

The income is to be used to provide scholarship assistance for students majoring in Journalism.

In the event the need for such scholarships ceases to exist or so diminishes as to create unused income, then the Board of Trustees of the University may use said income in its discretion, preference to be given, however, to items in the area of Journalism.

22. \$1,000.00 from the Guernsey County Cancer Society, Cambridge, Ohio, for research in surgery.

23. \$850.00 in securities (Stock Certificate No. 040830 for 50 shares common stock, West Ohio Gas Company) from Julius F. Solomon to be added to the Solomon Family Memorial Fund. These securities are listed at their mean market price as of September 18, 1963.

TOTAL - Received Through the Development Fund \$128,453.71

C. Gifts-in-Kind

1. Dental office equipment for the College of Dentistry from Dr. Alexander Martone, Norfolk, Virginia.
2. A 4-E Metallizing Gun from Metco, Inc., Westbury, Long Island, New York, for use in the Department of Electrical Engineering.
3. Property known as "Lakeholm House" situated on the Martinsburg Road, Mt. Vernon, Ohio, from the Continental Can Company, Inc., 633 Third Avenue, New York, New York 10017, 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. This gift includes a 7.34 acre tract of land, a colonial type 2 1/2-story, 3 1/2-bath, 22-room frame house and household furnishings contained therein. A good merchantable title to the property, free and clear of all encumbrances, will be conveyed to the University immediately upon acceptance by the Board of Trustees and the payment of \$1.00 consideration. The title to the property has been reviewed and approved by the Office of the Attorney General.

Upon motion of Mr. Rairdon, seconded by Mr. Loop, 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.

November 15, 1963 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Report from The Ohio State University Development Fund

1. September, 1963

In September, 1963, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	337	\$ 25,930.76
Individuals, other than alumni	52	3,827.25
Non-profit organizations	41	102,974.80
Business concerns	79	48,787.88
	<u>509</u>	<u>\$181,520.69</u>

Of these gifts, 254 totaling \$2,546.75 were undesignated and 255 totaling \$178,973.94 were designated.

2. October, 1963

In October, 1963, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	1,080	\$ 32,043.05
Individuals, other than alumni	104	7,553.91
Non-profit organizations	31	27,117.35
Business concerns	68	59,370.65
	<u>1,283</u>	<u>\$126,084.96</u>

Of these gifts, 806 totaling \$6,272.75 were undesignated and 477 totaling \$119,812.21 were designated.

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V. APPROPRIATIONS AND TRANSFER OF FUNDS

A. Appropriations for the Development of Research Projects

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:

\$25,000.00 to match monies from the Atomic Energy Commission for the Van de Graaff Accelerator program. The total AEC grant for 1963-64 is \$173,709.00 and the matching amount as part of the University's commitment agreed to in the proposal is \$25,000.00.

Subaccount (f)

November 15, 1963 meeting, Board of Trustees

V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

A. Appropriations for the Development of Research Projects (continued)

\$12,000.00 to remodel Room 138, Welding Engineering, for ultrasonic research. No additional space is available so existing space must be modernized or contract research will be greatly curtailed and/or eventually eliminated. Subaccount (b)

\$5,500.00 to complete remodeling of McPherson Laboratory, Room 136, of the Department of Chemistry. Subaccount (b)

\$4,125.00 to the College of Veterinary Medicine to match college funds for the purchase of a scintillation spectrometer to be used in the clinical diagnostic laboratory on a wide variety of research projects. Subaccount (a)

\$1,000.00 to renovate a research laboratory in the Department of Zoology for use in carrying out investigations on mosquito biology. Subaccount (b)

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

B. Production of University Film

On September 8, 1961 the Board of Trustees approved the appropriation of \$10,000.00 for production of the University film by the Department of Photography in consultation with the Office of University Relations.

Upon the recommendation of Mr. Frederick Stecker, Executive Director, University Relations, and with the concurrence of the President's Cabinet, it is recommended that an amount not to exceed \$5,100.00 be appropriated from the University Treasurer General Fund for the University film, "Crisis and the University," to complete all work and to provide for distribution of prints of the film.

Upon motion of Mr. Bricker, seconded by Mr. Allyn, the Board of Trustees by unanimous roll call vote approved the allocation of funds recommended above.

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VI. EXTRA AND CREDIT ORDERS AND EXTENSIONS OF TIME TO CONTRACTS

A. At the request of the Council on Business Affairs, with the concurrence of the Cabinet and in accordance with the memorandum sent to members of the Board of Trustees on October 18, 1963, the following Extra Order to Contract as outlined below has been processed in the normal University manner:

VI. EXTRA AND CREDIT ORDERS AND EXTENSIONS OF TIME TO CONTRACTS
(continued)

A. (continued)

1. Repair and Resurface Sidewalks on Campus

It is recommended that additional excavation and stone fill be provided on the site of the sidewalks which are being replaced between Page Hall and the Museum and between the Physics Building and McPherson Laboratory. When the brick walks were removed, it was found that the foundation was not adequate for a satisfactory new walk.

Add \$3,496.00

Funds are available in the Maintenance Account 200, H. B. 711.

Upon motion of Mr. Loop, seconded by Mr. Rairdon, the above action was unanimously ratified upon roll call vote.

B. At the request of the Council on Business Affairs, and with the concurrence of the Cabinet, it is recommended that the Extra and Credit Orders and Extensions of Time 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.

1. Student Housing, Buildings 4, 5 and 6

Plumbing Contract

It is recommended that the following changes be made:

- a. Provide 4" cast iron cleanout tees with cleanout plugs with countersunk nuts, installed slightly above grade and fitted into cast iron soil pipe hubs in lieu of offset downspout boot castings specified. Deduct \$204.00.
- b. Omit 185 vents for floor drains in student bathrooms. These vents are not required in the new State Plumbing Code. Deduct \$740.00.
- c. In order to prevent a gas leak from getting into the heating conduit, double wrap the gas line with pressure sensitive plastic tape for 4 ft. each side of the heating conduit and install a 6 ft. length of a half section 10" pipe over the gas line where it passes under the heating conduit. Add \$30.79. Net credit \$ 913.21

Funds will be returned to the Dormitory Construction Fund.

VI. EXTRA AND CREDIT ORDERS AND EXTENSIONS OF TIME TO CONTRACTS
(continued)

B. (continued)

2. Research Space - East Side of Stadium (Phase II)

Electrical Contract

It is recommended that an electrical fire alarm system be provided for the research space which is composed of many small rooms.

Add \$ 934.00

Funds will be provided from Budget Account 91020 - Research Space East Side of Stadium (Phase II).

3. Student Housing, Building No. 12

Plumbing Contract

It is recommended that Powers Regulator Company "Hydroguard" thermostatic valves, complete with built-in shut-off valves, liquid filled thermostatic elements and poppet-type mixing valves be provided in lieu of two handle compression valve stops for showers. Credit \$2,951.00

Funds will be returned to the Dormitory Construction Fund.

4. Repairs to Steam Lines and Heating Systems in Four Buildings

It is recommended that an extension of time for completion of contract be granted to the Limbach Company from September 20 to November 1, 1963, because of a delay in the receipt of materials for the project.

5. Starling Loving Hall, Rehabilitate Room M-100

Heating, Ventilating and Air Conditioning Contract

It is recommended that an extension of time for completion of contract be granted to the Huffman-Wolfe Co. from November 18, 1963 to January 15, 1964 since delivery of the air handling unit, the chiller and the condenser has been delayed until the middle of December. This room will be available for use by November 18 and the installation of the equipment at a later date in another part of the building will not interfere with the use of this room.

November 15, 1963 meeting, Board of Trustees

VI. EXTRA AND CREDIT ORDERS AND EXTENSIONS OF TIME TO CONTRACTS
(continued)

B. (continued)

6. Miami University - Ohio State University Dayton Campus, Phase I

Electrical Contract

It is recommended that the following changes be made in the I-T-E Switchboard:

- a. Provide 3 high interrupting capacity secondary circuit breakers.
- b. Eliminate the main secondary circuit breaker.

Deduct \$1,509.00

Funds will be returned to the account established for the Miami University - Ohio State University Dayton Campus, Phase I, Budget Account 91017.

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

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VII. PLANS AND SPECIFICATIONS

A. With the approval of the Council on Business Affairs, the concurrence of the Cabinet, and in accordance with the memorandum sent to members of the Board of Trustees on October 18, 1963, the following plans and specifications have been signed by the Secretary and Vice President Carson has requested bids in the normal University manner. If satisfactory bids are received, the award of contracts will be made and all action regarding this matter shall be reported to the Board at a later meeting.

1. Installation of Air Conditioning in Rooms 012, 022, and 024, Dentistry Building

Funds for this project will be provided from the College of Dentistry Improvement Budget No. 12504 and the Dental Clinic Rotary 18160.

2. Repair of Contagious Wing Incinerator, University Hospital

Funds will be provided from the University Hospital Rotary for this project.

Upon motion of Mr. Bricker, seconded by Mr. Allyn, the above action was unanimously ratified by roll call vote.

VII. PLANS AND SPECIFICATIONS (continued)

B. 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:

1. University Hospital, Repairs to Rooms 473, 476, 478, 479 and N729

Funds for this project will be provided from the University Hospital Rotary.

2. Repair to Lobby and Corridors, Dentistry Building

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

3. Installation of Air Conditioning in Rooms 174, 196A, 196F, 296G and 296H, McPherson Laboratory

Funds for this project will be provided from Department 2355, Budget Account 18503 and then rebilled to six research accounts.

4. Repairs in Room 154, Health Center Research Laboratory (Wiseman Hall)

Funds for this project will be provided from the University Hospital Rotary and Rotary 19185 Medical Research.

Upon motion of Mr. Allyn, seconded by Mr. Bricker, the above recommendation was unanimously approved by roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above 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 shall 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. Elevated Water Storage Tank

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received September 19)		
Chicago Bridge and Iron Company (Cleveland, Ohio)	\$126,900.00	\$135,000.00

Funds for this project are provided from Budget Account 19945 Water Storage Tank.

November 15, 1963 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

B. McPherson Laboratory - Repairs in Room No. 136

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u>		
(6 bids received on July 30)		
Mid-City Electric Co. (Columbus)	\$ 2,334.00	\$ 3,550.00
 <u>General Contract</u>		
(3 bids received on September 9)		
E. H. Sheldon Equipment Co. (Muskegon, Michigan)	\$26,900.00	\$28,500.00
 <u>Plumbing Contract</u>		
(3 bids received on October 25)		
Limbach Company (Columbus)		
Base Bid	\$ 5,400.00	\$ 6,000.00
Alt. P-3 Oxygen Supply System	660.00	2,000.00
Total contract	<u>\$ 6,060.00</u>	<u>\$ 8,000.00</u>
 <u>Heating Contract</u>		
(3 bids received on October 25)		
Limbach Company (Columbus)	\$11,400.00	\$12,450.00
 <u>Total of All Contracts</u>	 <u>\$46,694.00</u>	 <u>\$52,500.00</u>

Funds for this project will be provided from Budget Account 19933 Remodel McPherson Laboratory.

C. Starter's Shelter, University Golf Course

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(6 bids received October 30)		
Pendleton Construction Co. (Columbus)	\$ 2,807.00	\$ 3,000.00
 <u>Paving Contract</u>		
(3 bids received October 30)		
Sheedy Paving Co. (Columbus)		
Base Bid	\$ 1,540.00	\$ 2,400.00
Alt. P-1 Additional Paving	258.00	700.00
Total	<u>\$ 1,798.00</u>	<u>\$ 3,100.00</u>
 <u>Total All Contracts</u>	 <u>\$ 4,605.00</u>	 <u>\$ 6,100.00</u>

Funds for this project will be provided by the Athletic Department.

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

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November 15, 1963 meeting, Board of Trustees

IX. CONTROLLING BOARD AND EMERGENCY BOARD APPROVALS

Each numbered approval shown below accomplishes the following purposes:

A. Controlling Board Approvals

- 20 Approves the award of contract for "Repair of Primary Electric Cables to West Campus" and the expenditure of \$58,820.00 from Account 315, H. B. 711, for three repair projects.
- 24 Authorizes the expenditure of \$9,534.00 from Account 300, H. B. 711, to provide funds for the contracts on "Rehabilitation of Rooms No. A-402 A, B, C and A-403 A, B, C, Starling Loving Hall."
- 27 Approves the extra order in the amount of \$3,496.00 for the project "Repairing and Resurfacing Sidewalks," payable from Account 315, H. B. 711.

B. Emergency Board Approvals

- 1 Authorizes an allocation of emergency funds in the amount of \$16,204.63 and the establishment of a Special Purpose Account, "Flood Repairs and Replacement - 402" to provide funds for initial emergency repairs, replacement of damaged apparatus, cables, switches, and the loss of some dental plaster as a result of the flooding on September 22, 1963.

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X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Sale of Property, 2047 West Lane Avenue

WHEREAS, The Ohio State University is the owner of an undivided one-half (1/2) interest in and to premises known by street number as 2047 West Lane Avenue, Columbus, Ohio, and

WHEREAS, said property was the residence of Raymond C. Osburn and was left to The Ohio State University by his Last Will and Testament, and

WHEREAS, the said Last Will and Testament directs that all of his property shall be converted into cash with a deposit of the same in the irreducible debt of the State of Ohio,

THEREFORE, BE IT RESOLVED, that the Vice President, Business and Finance, be and he hereby is authorized and directed to have appraised by an M.A.I. appraiser the undivided one-half (1/2) interest of The Ohio State University in property shown as 2047 West Lane Avenue and thereafter join with the Estate of Mary H. Osburn (holder of an undivided one-half (1/2) interest therein) in negotiating a private sale of the premises at no less than the appraised value thereof, executing and delivering on behalf of The Ohio State University any and all deeds or other instruments necessary to

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

A. Sale of Property, 2047 West Lane Avenue (continued)

complete the transaction depositing the proceeds in accordance with the Last Will and Testament of Raymond C. Osburn.

Upon motion of Mr. Bricker, seconded by Mr. Rairdon, the above resolution was unanimously ratified by roll call vote.

B. Dining Facility - Northwest

It is recommended that the engineering firm of W. E. Monks, Columbus, Ohio, be employed to provide complete professional engineering services for heating, ventilating and air conditioning, plumbing and electrical work for the above project, including design, preparation of drawings, specifications and estimate 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 contracts or an estimated \$26,100.00. Funds will be provided from Dormitory Construction Account.

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

C. Dining Facility - Northwest

It is recommended that the engineering firm of Fling & Eeman, Inc., Columbus, Ohio, be employed to provide professional engineering services for the structural system, including design calculations, drawings, specifications, estimate of cost, checking shop drawings, and consultation and supervision during construction on unusual or unexpected problems.

The fee for this service will be 1 per cent of the cost of the General Contract or an estimated \$6,300.00. Funds will be provided from Dormitory Construction Account.

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

D. Power of Attorney - Customs

It is recommended that the action taken by the Board of Trustees on April 14, 1961, relative to the Power of Attorney - Customs, be rescinded and the following recommendation for authorization be approved:

That Gordon B. Carson, Vice President, Business and Finance; Joseph F. Medley, Director of Purchases; and Clinton V. Oster, Controller, The Ohio State University, or any one of them, be and hereby are authorized and empowered to transact any and all business The Ohio State University may have with any Custom House in the United States of America, to make declarations to entries of merchandise imported by said University, to endorse bills of lading and to sign all bonds in the name of said University

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

D. Power of Attorney - Customs (continued)

as required by law or the regulations of the Collector of Customs or Treasury Department; to secure the duties on importations made by said University; and also in the name of said University to execute and deliver any and all bonds of indemnity to the Collector of Customs for the production of endorsed bills of lading, and that a copy of this resolution be sealed with the seal of said University.

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

E. Purchase of Buildings and Property, Seven Lots, Montgomery and McGee Addition, Marvine Addition and Thompson Northwood Heights Addition

It is recommended that the Vice President, Business and Finance, be authorized to proceed with the purchase of the following property from Civic Realty Company at a price of \$2,450.00:

Being Lots #137 and 139, Montgomery and McGee Addition; #166, 167, 168 and 169, Marvine Reserve A Addition; and #186, Thompson Northwood Heights Addition, City of Columbus, County of Franklin, State of Ohio.

Funds are available in the University Treasurer General Fund, Account 19999.

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

F. Right-of-Way Agreement, Lakeholm Farm, The Ohio Fuel Gas Company

The Ohio Fuel Gas Company has requested permission to construct a 10-inch gas line on lands in Knox County held by the Board of Trustees of The Ohio State University, commonly known as Lakeholm Farm. The gas line will serve the City of Mount Vernon but the University will have the right to purchase gas from said line for use on its property.

It is recommended that the Vice President, Business and Finance, be authorized to sign a right-of-way agreement with The Ohio Fuel Gas Company on behalf of the Board of Trustees for the purpose stated above.

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

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XI. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the death of Albert Edwin Avey, Professor Emeritus of Philosophy, and Charles Reuel Sutton, Professor of Architecture and Landscape Architecture; and, 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. Albert Edwin Avey

The Board of Trustees expresses its sorrow at the death on September 25, 1963 of Albert Edwin Avey, Professor Emeritus of Philosophy.

Dr. Avey was born on May 29, 1896 in Hannibal, Missouri. He received his A. B. degree from Yale University in 1908 and from the same institution he received the A. M. degree in 1909 and the Ph. D. degree in 1915. He taught philosophy at The Ohio State University, as Assistant Professor and Professor, from 1917 to 1954, serving from 1941 to 1952 as Chairman of the Department. During his period of teaching at The Ohio State University, he was Visiting Professor at the University of Pittsburgh, Atlanta University, and Florida State University. After his retirement he taught as Visiting Professor at Pierce College (in Greece), Cottey College, and the College of Wooster. Death came as he was commencing a year as Visiting Professor at Denison University.

Dr. Avey was a member of the Governor's Commission on Democracy in 1941 and, in 1951, was president of the Western Division of the American Philosophical Association. He held membership in various nationally important educational, religious, and social organizations, as well as Phi Beta Kappa and other honorary scholastic societies. On the campus of The Ohio State University, he was highly influential in promoting constructive curricular changes and progressive interdenominational religious programs.

Dr. Avey was widely esteemed for the profundity and authenticity of his eight scholarly books and his many learned articles. As an expert in the Socratic method of teaching, he stimulated in both undergraduate and graduate students a critical individual reflection and a creative group discussion. He was a sympathetic and understanding counselor of students and colleagues. He was the first Ohio State professor to do extensive research and teaching in Oriental culture.

Dr. Avey's own philosophy was universal in its scope and logical in its structure. The Platonic ideal, that wisdom and virtue are interdependent, indispensable features of excellent, effective living, became alive in the magnanimous life of Professor Avey.

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.

November 15, 1963 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIÁM (continued)

B. Charles Reuel Sutton

The Board of Trustees expresses its sorrow at the death on September 13, 1963 of Charles Reuel Sutton, Professor of Architecture and Landscape Architecture.

Professor Sutton was born March 8, 1900 in Grand Ridge, Illinois, and received his Bachelor of Science degree in Architectural Engineering in 1921 from the University of Illinois. In 1926 he also received a Bachelor of Science degree, with honors, in Landscape Architecture from the University of Illinois. He was a fellow in Landscape Architecture at the American Academy in Rome from 1929 to 1932. Having discovered Landscape Architecture to be his chosen field, he devoted his lifetime to the profession.

Professor Sutton joined the faculty at The Ohio State University in 1932 as an Assistant Professor, was promoted to Associate Professor in 1937, and to Professor in 1951. For over 30 years he conducted a limited, private practice in Landscape Architecture in Columbus, Ohio, and Old Saybrook, Connecticut, and in 1951 he was made a Fellow of the American Society of Landscape Architects.

Professor Sutton held membership in the Board of Managers of the Columbus Gallery of Fine Arts, the American Society of Planning Officials, the American Planning and Civic Association, the Highway Research Board, and the American Society of Landscape Architects. He was a long-time member of the First Congregational Church in Columbus, Ohio. He was also a member of Alpha Rho Chi, Tau Sigma Delta, Faculty Club, University Club, University Golf Club, Crichton Club, and "41" Club.

His 31 years of teaching and service to the University and service to the community were marked by an inspired devotion to excellence in the professional training of his students and to the promotion of Landscape Architecture as a professional field of endeavor. His teaching was greatly enriched by the fact that he read widely, travelled extensively, and knew first hand the sites he described so vividly in his classroom discussions.

In cooperation with the Ohio Department of Highways, he established in 1941 the annual Ohio Roadside Short Course, which is recognized today as a major medium of exchange of ideas in the increasingly important area of roadside development. The Short Course has today an international reputation.

Everyone who knew Charles Reuel Sutton--students, alumni, faculty, and his many friends--feel deeply the loss. He was in his own right a fine example of an educated professional man whose completed works brought enjoyment of outdoor spaces to many and who brought to his teaching the thoughtful experiences of a lifetime devoted to the improvement of man's physical environment.

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. Central Food Facility

Mr. Allyn, a member of the Finance and Investment Committee, presented the following resolution:

WHEREAS, in order to obtain needed food service facilities, the University proposes to cause to be organized under the laws of Ohio a non-profit corporation to be known as "The Ohio State University Food Service Corporation" (herein called the "Corporation") with the initial trustees consisting of the Chairman of the Board of Trustees, the President of the University and the Vice President, Business and Finance, of the University, with broad powers including power to acquire, operate, lease, sell or otherwise act with respect to the facility or facilities to be used to render food service to any portions of the University and with such restrictions on powers and other terms and provisions as counsel shall deem necessary in order to exempt from federal income taxes interest on obligations of the Corporation and otherwise to qualify the Corporation as organized for charitable, benevolent or educational purposes; and

WHEREAS, the leasing of premises located at 1315 Kinnear Road, Columbus, Ohio, by the Corporation to provide by lease or otherwise food service facilities to the University has been proposed; and

WHEREAS, said food service building would be used to provide food services to the dormitory facilities of the University and its student union; and

WHEREAS, the Board of Trustees is authorized under Section 3345.07 and 3345.11 of the Revised Code of Ohio to lease such facility, and to pay rental therefor from the sources provided in such sections including revenues of its dormitory facilities under said Section 3345.07 and from the revenues of its student activity centers and student activity fees charged and paid for such purpose under said Section 3345.11; and

WHEREAS, said premises are presently owned by certain trusts administered by Seymour B. Durst, Royal H. Durst and Robert D. Steeful, under certain Trust Indentures dated as of December 31, 1962 (hereinafter called the "Landlords"), and are presently leased to Mohasco Industries, Inc. (hereinafter called the "Tenant") for a term commencing June 16, 1954 and ending July 31, 1984; and

WHEREAS, the Landlords with the agreement of the Tenant propose to lease the premises to the Corporation under an agreement whereby the Corporation would take from the Tenant an assignment of its lease and would assume the lease of the Tenant, with amendments, all as provided in Assignment of Lease marked as Exhibit A-2 and the agreement providing for amendment of the lease and marked as Exhibit A-1, which are filed with the official records of the Board of Trustees; and

November 15, 1963 meeting, Board of Trustees

XII. REPORTS (continued)

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

1. Central Food Facility (continued)

WHEREAS, the University proposes to sublet the said premises from the Corporation under sublease, proposed form of which is marked as Exhibit B and filed with the official records of the Board of Trustees, under which sublease the University is required to perform its obligations only from dormitory, dining hall and union revenues and student fees that can lawfully be used for such purpose.

WHEREAS, it has been determined that such food service warehouse is necessary to the efficient operation of the dormitory facilities and student union, and that the leasing thereof is legally and economically feasible on the terms provided in said Exhibits A-1 and A-2;

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

Section 1. The organization of the Corporation and the agreement marked as Exhibit A-2 and Exhibit A-1, which are filed with the official records of the Board of Trustees, are hereby in all respects approved, and the President and Vice President, Business and Finance, and each of them are authorized to take any action which they deem advisable to effect such organization and to cause the execution of such agreements in substantially the form heretofore approved, with such changes and modifications as may be agreed to by the President or Vice President, Business and Finance with the advice of counsel, and not unfavorable to the University.

Section 2. The sublease in proposed form marked as Exhibit B and filed with the official records of the Board of Trustees is hereby approved and the President and the Vice President, Business and Finance, and each of them, are authorized to execute, acknowledge and deliver said sublease in substantially said form with such changes and modifications as may be agreed to by the officer executing the same with the advice of counsel and not unfavorable to the University.

Section 3. The President and the Vice President, Business and Finance, and each of them are authorized by purchase of bonds or notes, or by loans or advances to the Corporation from funds lawfully available for these purposes to provide funds to the Corporation for necessary improvement to the leased premises, for exercise of the option provided in the lease as amended or to carry out the terms of the lease as amended.

Section 4. The President and the Vice President, Business and Finance, and each of them are authorized to take any and all action which they may deem advisable to carry out the foregoing or the terms of the instruments approved pursuant to Sections 1 and 2 above as changed in accordance with said sections.

Upon motion of Mr. Allyn, seconded by Mr. Loop, the above resolution was adopted by a seven to one vote with Mr. Frederick E. Jones voting negatively.

XII. REPORTS (continued)

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

2. Investment Portfolio

The reports of the University's Investment Portfolio dated September 30, 1963 and October 31, 1963 were presented to the Board of Trustees. The Secretary was instructed to file a copy of each report with the official records of the Board of Trustees.

3. Accountant's Report on the University Dormitory Revenue Bond Funds

The Accountant's Report on The Ohio State University Dormitory Revenue Bond Funds, including the financial statements of June 30, 1963, submitted by Peat, Marwick, Mitchell & Co., was received and ordered to be filed with the official records of the Board of Trustees.

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 University Activities

In concluding the meeting, President Fawcett reviewed some of the highlights of the University activities during the past two months. The report, which is filed with the official records of the Secretary, included some figures from the U. S. Office of Education which showed that Ohio State ranked sixth in number of Ph.D. degrees awarded in fields important to the national security and welfare. Of all doctorates granted by 208 U. S. institutions, Ohio State ranked ninth. The President further reported that enrollment at Ohio State for Autumn Quarter 1963 was 33,284, which was an increase of 9 per cent over last fall's total. The President commended Frederick Stecker, Executive Director for University Relations, who acted as Co-Chairman of United Appeals for Franklin County, for his part in assisting the campaign in exceeding the goal and reported that Ohio State's faculty and staff led the Education Division, pledging 115 per cent of their goal.

D. Citation Presented to Thomas F. Patton, Chairman of Citizens for Ohio's Future (\$250 Million Bond Issue)

President Fawcett presented a citation to Mr. Thomas F. Patton on behalf of the state universities, the municipal universities, and community colleges of Ohio. The citation carried the personal signature of the president of each of the state universities, the municipal universities, Youngstown University, and Cuyahoga Community College and read as follows:

November 15, 1963 meeting, Board of Trustees

XII. REPORTS (continued)

D. Citation Presented to Thomas F. Patton, Chairman of Citizens for Ohio's Future (\$250 Million Bond Issue) (continued)

THOMAS F. PATTON

In grateful appreciation

for the immeasurable contribution you have made to public higher education in Ohio and to the total advancement of the state. Your leadership as Chairman of Citizens for Ohio's Future has kept open the way to higher education for Ohio's youth and thereby has strengthened that vital bond which links education inseparably with our American way of life.

Whereupon Mr. John W. Bricker offered the following resolution and moved that it be included in the minutes of this meeting:

BE IT RESOLVED, that The Ohio State University Board of Trustees commends highly the dedicated and effective leadership of Thomas F. Patton in the promotion and successful passage of "State Issue No. 1"--a matter vital to future educational opportunity for Ohio's young people and to the cultural and economic growth of the State. Under the able guidance of this distinguished leader, Citizens for Ohio's Future, as well as other important groups, achieved a firm consensus and commitment from the voters that demonstrated clearly the strong and continuing faith of the people in the values of higher education. The members of the Board of Trustees concur unanimately with the spirit and substance of the citation awarded to Thomas F. Patton by the presidents of Ohio's public institutions of higher education.

Mr. Allyn seconded the motion and the above resolution was adopted by unanimous vote.

Mr. Patton responded graciously in accepting the citation by indicating that he did so on behalf of the Board of Trustees, public officials, faculty, students, and alumni who participated so effectively in the campaign for the passage of the bond issue. He expressed his personal gratitude for the wonderful job well done by the people who had the best interests of the youth of the State of Ohio at heart. The support given to the bond issue demonstrates very clearly that the voters of Ohio are mindful of the needs of education.

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November 15, 1963 meeting, Board of Trustees

XIII. COMMITTEE APPOINTMENTS - 1963-64

The Chairman announced the appointment of new members of the Board to the following standing committees for 1963-64:

FINANCE AND INVESTMENT

Frederick E. Jones

RETIREMENT AND INSURANCE

John G. Ketterer

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Thereupon the Board adjourned to meet Friday, December 13, 1963, at The Ohio State University, Columbus, Ohio, at ten o'clock.

Attest:

John T. Mount
Secretary

Thomas F. Patton
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
NINE HUNDRED AND EIGHTY-FIFTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, December 13, 1963

The Board of Trustees met at its regular monthly meeting on Friday, December 13, 1963, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Thomas F. Patton, 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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Minutes of the last meeting were approved.

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President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Revision of Rule 29.2705 - Rules for the University Faculty

Upon the recommendation of the Library Council, the Faculty Council on November 19, 1963 recommended that Rule 29.2705 be revised as follows to add the Vice President for Research to the membership of the Library Council and to correct the title of the Vice President for Instruction and Dean of Faculties:

That each reference in Rule 29.2705 to the title, Vice President, Instruction and Research, be changed to the title, Vice President for Instruction and Dean of Faculties; that the title, Vice President for Research, be inserted in Section 1 of 29.2705 immediately prior to the title, Dean of the Graduate School; and that the new title, so inserted, be separated from the other titles by the use of semicolons.

It is therefore recommended that this action of the Faculty Council be approved.

Upon motion of Mr. Allyn, seconded by Mr. Loop, the above recommendation was unanimously approved by roll call vote, and the Secretary was authorized to revise Rule 29.2705 of Rules for the University Faculty accordingly.

B. Degrees Conferred - Autumn Quarter Commencement Convocation

It is recommended that degrees be conferred at the Autumn Quarter Commencement Convocation on December 20, 1963 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 V, page 243.)

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

C. Proposal to Offer the Doctor of Philosophy Degree in Slavic Languages and Literatures

For many years this University has offered instruction in the Russian language. With the recognition that Russian is now one of the major languages of the world, that it is specified as a top priority language by the National Defense Education Act, and that the need for persons educated in its use is acute, several years ago The Ohio State University decided to expand its resources and programs in this field.

December 13, 1963 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Proposal to Offer the Doctor of Philosophy Degree in Slavic Languages and Literatures (continued)

In 1961-62, with an enlarged staff and an expansion in pertinent library holdings, an undergraduate major program in Slavic Languages and Literatures was instituted. This was followed in 1962-63, after the addition of necessary graduate level courses, by a program leading to the M.A. degree; similarly, after the addition of appropriate specialists to certain social science departments and further expansion of library holdings, this year the University is able to offer a certificate program in Russian Area Studies at the advanced graduate level.

As faculty, course offerings, and library resources have continued to increase, the University is ready to offer in 1964-65 a Ph.D. degree program in Slavic Languages and Literatures. With its present resources, this final addition will enable The Ohio State University to offer a complete series of curricular opportunities at all levels of instruction in this vital area. No other college or university in Ohio offers such a complete program.

This proposal has been studied and approved by the following prior to submission to the Board of Trustees: Curriculum Committee, College of Arts and Sciences; Ad Hoc Committee, Graduate Council; Graduate School Curriculum Committee; and Council on Instruction.

The Faculty Council on November 19, 1963 approved the recommendation of the Council on Instruction that The Ohio State University grant the Doctor of Philosophy degree in Slavic Languages and Literatures.

It is therefore recommended that this action be approved by the Board of Trustees and, pursuant to Section 3333.04 Revised Code of Ohio, be forwarded to the Ohio Board of Regents. This action is to become effective at the beginning of the 1964-65 academic year, subject to the approval of the Board of Regents.

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

D. Proposal to Offer the Doctor of Optometry Degree

The present instructional program in Optometry, leading to the degree Bachelor of Science in Optometry, dates back to 1915 when a four-year curriculum in applied optics was approved at The Ohio State University. In 1946-47 this program was altered to provide for a two-year pre-professional and a three-year professional curriculum. For the graduate students in the field of optometric research (physiological optics) the University has offered the degrees Master of Science since 1938 and Doctor of Philosophy since 1942.

December 13, 1963 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Proposal to Offer the Doctor of Optometry Degree (continued)

For many years the faculty of the School of Optometry have been leaders in education and research in optometry. Several have national and international reputations in recognition of this leadership. During the academic year 1958-59 the faculty of the School of Optometry proposed that the education of optometrists be strengthened and lengthened by instituting a six-year program leading to the degree Doctor of Optometry. The curriculum was revised, new courses were added, the faculty was strengthened, and excellent physical facilities were provided during the succeeding years as the proposal for the new degree was studied at the college, graduate, and University levels.

The proposal to offer the degree Doctor of Optometry was approved by the Faculty Council at its November 19, 1963 meeting. On the basis of its present faculty, curricular and physical resources, the University is now ready to offer this degree.

It is, therefore, recommended that this action be approved by the Board of Trustees and, pursuant to Section 3333.04 Revised Code of Ohio, be forwarded to the Ohio Board of Regents. This action is to become effective for students entering the School of Optometry Autumn Quarter 1964, subject to the approval of the Board of Regents.

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

E. Authorization to Proceed with Capital Improvements Program from Funds Appropriated by the 105th General Assembly--Amended Senate Bill No. 370

Amended Senate Bill No. 370 as passed by the 105th General Assembly of Ohio authorized appropriations for capital improvements for The Ohio State University in the amount of \$26,652,900.00 for the following projects with amounts as indicated.

Land	\$ 464,000
Materials engineering and science building	2,309,000
Modernization of engineering and physical science facilities	1,078,000
Dentistry laboratories	854,500
Physics and astronomy building, plans	90,000
Modernization of commerce and administration buildings, and walks and roads	421,700
Engineering classrooms and laboratories	2,897,000
Aerodynamics and missile propulsion laboratory	469,500
Campus loop road	1,307,000
Chemistry research facilities	1,310,000
Electronics laboratories, plans	97,000
Systems engineering, plans	83,400
Addition to Starling-Loving Hall	250,000

December 13, 1963 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

E. Authorization to Proceed with Capital Improvements
Program from Funds Appropriated by the 105th
General Assembly--Amended Senate Bill No. 370 (continued)

Pharmacy building	\$3,321,800
College of medicine--land	1,000,000
College of medicine--plans	2,000,000
Dayton branch	3,000,000
Plans and buildings for Lima branch	3,300,000
Plans and buildings for Mansfield branch	2,200,000
Removal of Veterinary Clinic	200,000

Pursuant to Amended Senate Bill No. 370, none of the foregoing appropriations shall be expended until recommended for release by the Ohio Board of Regents and released by the Controlling Board. It is, therefore, recommended that the Board of Trustees approve the above listed capital improvement projects for The Ohio State University. It is further recommended that in accordance with the Act the President be authorized to proceed immediately with the necessary action to secure an early release of the funds, and that the appropriate administrative officers of the University be instructed to proceed immediately with the implementation of the plans for construction of the facilities at the earliest possible date.

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

President Fawcett then made the following statement relating to the distribution of the remaining portion of the funds designated for higher education from the \$250 million bond issue:

It has been publicly announced that the Governor's policy is one that will adhere to the commitments made during the course of the promotion of the campaign for the passage of the \$250 million bond issue--\$175 million for higher education. It is clear now that the 105th General Assembly changed the policy somewhat in authorizing allocations to those institutions outside the framework of the state universities different from those allocations recommended by the Board of Regents. The General Assembly authorized the appropriation in 1964-65 of all of the funds which are to be made available to the non-state university institutions from the bond issue.

When the 105th General Assembly took the action to appropriate the full share to the outside agencies--outside the six state universities and the Ohio Agricultural Experiment Station--it became imperative that a public announcement be made on the policy of the state government on the distribution of the total amount of money for higher education. An amount of \$103,112,900 was appropriated by the General Assembly in December 1963, leaving only \$71,887,100 to be appropriated for higher education for the 1965-67 biennium.

I. GENERAL RECOMMENDATIONS (continued)

E. Authorization to Proceed with Capital Improvements
Program from Funds Appropriated by the 105th
General Assembly--Amended Senate Bill No. 370 (continued)

We had been informed that the formula that would be used for the distribution of the \$140,000,000 that had been promised to the six state universities would lead to allocations in the same proportion as the appropriation authorized by the 105th General Assembly for operation of the state universities. Under this formula, Ohio State would receive slightly more than 53 per cent.

Therefore, it was on this basis that the Governor and the Director of Finance announced an allocation of the remaining funds for higher education, subject to the approval of the Board of Regents and the 106th General Assembly. The full share to Ohio State as indicated in the Governor's announcement is \$71,441,000 with \$26,652,900 having been appropriated for the projects identified in the foregoing recommendation that has just been approved by this Board. Therefore, The Ohio State University is scheduled to receive an additional amount of \$44,788,100 if it receives favorable action by the Board of Regents and the Legislature. If the Board of Trustees concurs, we will proceed immediately with the Board of Regents to develop the necessary plans and documentary material to support the request for the funds as committed by the Governor and the Director of Finance.

Chairman Patton stated that the allocation of funds for Ohio State is justifiable and greatly needed if the University is to fulfill its obligation to serve the needs of higher education. He urged that the administrative officials of the University take every proper step to secure the funds as committed.

Upon motion of Mr. Dargusch, seconded by Mr. Davis, the Board of Trustees by unanimous approval instructed the administrative officers of the University to proceed immediately with the necessary action to secure the support of the Board of Regents and General Assembly of Ohio for the funds which have been recommended for appropriation to The Ohio State University by the Governor of Ohio.

F. Revision of Don Scott Field Master Plan

In order to expedite the extension of the main runway at Don Scott Field, the President recommended that the Master Plan approved by the Board of Trustees on May 17, 1963 be amended by removing therefrom the T-Hangars shown along the north side of Case Road.

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

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II. PERSONNEL CHANGES

It is recommended that all personnel changes since the November 15, 1963 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, Changes in Administrative Titles, Leaves of Absence With Salary and Emeritus Title:

A. Appointments

Jackson W. Riddle, Associate Dean (part time - 50%), College of Arts and Sciences, effective January 1, 1964. Dr. Riddle will continue as Associate to the Vice President for Instruction and Dean of Faculties (part time - 50%), at a total salary of \$17,472.00 per annum.

Robert C. Little, Professor and Chairman, Department of Physiology, effective April 1, 1964, at a salary of \$22,968.00 per annum.

B. Changes in Administrative Titles

John A. Prior from Associate Dean and Secretary, College of Medicine, to Associate Dean, College of Medicine, effective January 1, 1964, at no change in salary.

Lloyd R. Evans from Assistant Dean, College of Medicine, to Assistant Dean and Secretary, College of Medicine, effective January 1, 1964, at no change in salary.

William C. Dew, from Professor and Secretary, College of Dentistry, to Professor, Assistant Dean and Secretary, College of Dentistry, effective January 1, 1964, at no change in salary.

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:

Charles M. Perry, Instructor (County Extension Agent, Agriculture) Perry County, January 1, 1964 through March 15, 1964, to study at The Ohio State University.

James D. Wells, Instructor (County Extension Agent, Agriculture) Brown County, January 1, 1964 through March 15, 1964, to study at The Ohio State University.

Edwin E. Zorn, Instructor (County Extension Agent, 4-H) Warren County, January 1, 1964 through March 15, 1964, to study at The Ohio State University.

December 13, 1963 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Emeritus Title

Francis I. Bell, Agricultural Extension Service, with the title Instructor (County Extension Agent, Agriculture) Emeritus, effective February 1, 1964.

Upon motion of Mr. Loop, seconded by Mr. Ketterer, the Appointments, Changes in Administrative Titles, Leaves of Absence With Salary, Emeritus Title, and the personnel changes recorded in the official "Salary Roll" of the University were unanimously approved 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 Studies in Primate Learning and Perception (to be known as National Institutes of Health Project No. 887 - Ext. #5 - Department of Psychology).
Gross Value - \$24,206.00.
- b. Department of Health, Education and Welfare, Public Health Service, 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. #4 - Department of Chemistry).
Gross Value - \$17,856.00.
- c. Rome Air Development Center, Research and Technology Division, AFSC, Griffiss AFB, New York, for High Gain Antenna Realization and Tracking Study (to be known as Rome Air Development Center Project No. 1072 - Sup. #11 - Department of Electrical Engineering).
Gross Value - \$250,000.00.
- d. 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. #3 - School of Journalism).
Gross Value - \$22,390.00

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 Clinical Research Center (to be known as National Institutes of Health Project No. 1196 - Ext. #3 - Department of Medicine).
Gross Value - \$397,707.00.
- f. Agency for International Development, Washington, D. C., for Preparing and Conducting Series of Training Courses in Fundamentals of Supply Management for Foreign Nationals (to be known as Agency for International Development Project No. 1221 - Amend. #2 - Defense Management Center).
Gross Value - \$11,755.00.
- g. 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 - Amended Ext. #2 - Department of Surgery).
Gross Value - \$1,702.00.
- h. 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. #2 - Department of Chemistry).
Gross Value - \$19,453.00.
- i. 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. #2 - Department of Electrical Engineering).
Gross Value - \$100,000.00.
- j. 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. #2 - Department of Chemistry).
Gross Value - \$25,113.00.
- k. 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. #2 - Department of Physiology).
Gross Value - \$10,200.00.

December 13, 1963 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)

1. Aerospace Medical Division, AF Systems Command, P. O. Box 35448, Brooks AFB, Texas, for an Investigation of Visual Recovery from Brief Exposures to Very High Luminance Levels (to be known as Aerospace Medical Division Project No. 1467 - Sup. #6 - School of Optometry).
Gross Value - \$4,500.00.
- m. 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 - Ext. #2 - Department of Agricultural Biochemistry).
Gross Value - \$10,200.00.
- n. 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. #1 - Department of Physiological Chemistry).
Gross Value - \$19,530.00.
- o. U. S. Navy Purchasing Office, 929 South Broadway, P. O. 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. #3 - Department of Electrical Engineering).
Gross Value - \$60,000.00.
- p. Systems Engineering Group, Research and Technology Division, WPAFB, Ohio, for An Investigation of Interdiffusion in Metallic Single Crystals (to be known as Systems Engineering Group Project No. 1561 - Sup. #2 - Department of Metallurgical Engineering).
Gross Value - \$32,133.00.
- q. Aeronautical Systems 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 Aeronautical Systems Division Project No. 1566 - Sup. #2 - Department of Electrical Engineering).
Gross Value - \$119,999.00.
- r. 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. #1 - Department of Agricultural Biochemistry).
Gross Value - \$15,651.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- s. 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. #1 - Children's Hospital). Gross Value - \$26,735.00.
- 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 - Ext. #1 - Department of Psychiatry). Gross Value - \$30,300.00.
- u. Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, for Intermittent Research Analysis Services in Flight Control (to be known as Aeronautical Systems Division Project No. 1635 - Sup. #2 - RF Internal Supervision). Gross Value - \$25,000.00.
- v. U. S. Army Biological Laboratories, Fort Detrick, Frederick, Maryland, for Investigations of the Nutritional Requirements for the Growth of Insect Tissues (to be known as U. S. Army Biological Laboratories Project No. 1684 - Mod. #1 - Department of Zoology and Entomology). Gross Value - \$25,000.00.
- w. 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. #1 - Department of Physiology). Gross Value - \$7,860.00.
- x. Air Force Institute of Technology, Air University, USAF, Wright-Patterson Air Force Base, Ohio, for Research and Services to Revise and Present Courses of Instruction in the School of Systems and Logistics (to be known as Air Force Institute of Technology Project No. 1717 - Sup. #1 - Defense Management Center). Gross Value - \$790.00.
- y. 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 - New - Department of Physics). Gross Value - \$182,800.00.

December 13, 1963 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)

- z. Research and Development Procurement Office, U. S. Army Engineer Research and Development Laboratories, Fort Belvoir, Virginia, for Investigation Into the Problems of Relative Orientation in Stereo-Aerial Photogrammetry (to be known as Research and Development Procurement Office Project No. 1761 - New - Department of Geodetic Science).
Gross Value - \$3,996.00.
- aa. National Science Foundation, Washington, D. C., for an Investigation of Turbulent Motion and Mixing (to be known as National Science Foundation Project No. 1762 - New - Department of Chemical Engineering).
Gross Value - \$31,700.00.
- bb. Department of Health, Education and Welfare, Bureau of State Service, Washington, D. C., for A Study of the Biological Storage System (to be known as Bureau of State Service Project No. 1763 - New - Department of Mathematics).
Gross Value - \$6,500.00.
- cc. Electronic Systems Division, AFSC, Laurence G. Hanscom Field, Bedford, Massachusetts, for Research Directed Toward the Determination of Absolute F-Values (to be known as Electronic Systems Division Project No. 1764 - New - Department of Astronomy).
Gross Value - \$12,500.00.

TOTAL - Government Contracts - Federal \$1,495,576.00

2. Industrial and Other Contract

- a. 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 - Check #18514 - Department of Surgery).
Gross Value - \$1,500.00.

The foregoing thirty contracts for research in cooperation with Government, Industry and Other represent a gross income of \$1,497,076.00.

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

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

During the period from November 1, 1963 through November 30, 1963 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 239 Development of a Strength Design Method for Asphaltic Concrete, Ohio Department of Highways, Columbus, Ohio, Bureau of Public Roads, Washington, D. C.
Gross Value - \$58,200.00.

2. Industrial Research Contract

EES 240 Experimental Evaluation of Piezoresistive Properties of Elemental Boron, International Business Machines, Components Division, Poughkeepsie, New York.
Gross Value - \$18,000.00.

The foregoing two contracts for research in the Engineering Experiment Station represent a gross income of \$76,200.00.

C. Agreement Between The Ohio State University and the
Agency for International Development for Technical
Assistance to the University of Sao Paulo, Brazil

The Ohio State University through its College of Agriculture and Home Economics has been invited to provide technical assistance to the College of Agriculture of the University of Sao Paulo, a state-supported university, as part of the program administered by the Agency for International Development (AID) of the United States Department of State. The request is for The Ohio State University to provide advice and assistance to the College of Agriculture of the University of Sao Paulo to further the integration of teaching, research, and extension in the pattern of the United States Land-Grant System and to assist the research and extension agencies to enable them to better serve the agricultural needs of the State of Sao Paulo and other areas of Brazil as mutually agreed upon.

A pre-contract survey team representing the Office of the President and the Dean of the College of Agriculture and Home Economics, after an on-site inspection of facilities and consultation with representatives of the United States Department of State, the University of Sao Paulo, public officials of the State of Sao Paulo, and the Brazilian Government, has proposed that the University negotiate a contract with the Agency for International Development for the purposes set forth above.

December 13, 1963 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

C. Agreement Between The Ohio State University and the Agency for International Development for Technical Assistance to the University of Sao Paulo, Brazil (continued)

It is therefore recommended that the President be authorized to sign a contract on behalf of The Ohio State University in which the University agrees to assist in performing the services indicated above with the understanding that all costs for this program are to be covered by funds from the Agency for International Development. The total value of the contract proposed is \$965,000.00 for the initial two-year period.

Upon motion of Mr. Davis, seconded by Mr. Loop, the Board of Trustees by unanimous roll call vote authorized the President to sign a contract between The Ohio State University and AID for technical assistance to the University of Sao Paulo, Brazil.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University, including the establishment of certain endowment 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. \$270,700.00 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 of Science and Mathematics," under the direction of Professor John S. Richardson, Department of Education. This grant terminates on or about September 30, 1965. (Grant GE-3388)
2. \$33,933.00 from the W. K. Kellogg Foundation for support of the Medical Dietetics Program of the College of Medicine, for the period October 1, 1963 through September 30, 1964.
3. \$12,204.00 granted by the Department of Health, Education and Welfare, Office of Vocational Rehabilitation, Washington 25, D. C., to the University for a "Teaching Grant in Medical Sociology," under the direction of Professor Saad Z. Nagi, Department of Sociology and Anthropology, for the period December 1, 1963 through August 31, 1964. (Grant VRA 473-T-64)
4. \$9,504.00 from The Population Council of The Rockefeller Institute for support of a study "Clinical and Laboratory Evaluation of the Intra-uterine Coil," under the direction of Professor Nichols Vorys, Department of Obstetrics and Gynecology, for the period November 1, 1963 through October 31, 1964.

December 13, 1963 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

5. \$600.00 additional grant from the Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, to the University for a "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 22-T-64)

TOTAL - Through the Office of Business and Finance \$326,941.00

B. Received Through the Development Fund

1. \$20,150.00 from General Motors Corporation for undergraduate scholarships.
2. \$13,762.50 in securities (300 shares of Gulf Oil Corporation common stock) from Mr. Everett D. Reese for The Gilbert A., J. Calvin and Everett D. Reese Fund. These securities are listed at their mean market price as of November 13, 1963.

The Gilbert A., J. Calvin and Everett D. Reese Fund

The Gilbert A., J. Calvin and Everett D. Reese Fund was established November 13, 1963 by a gift through the Development Fund from Everett D. Reese, B.Sc. Business Administration '19.

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 use of the income is to be determined by Everett D. Reese during his lifetime, or by his designee after his decease, as long as the use is for an appropriate University purpose. After the decease of said Everett D. Reese and after the decease or expiration of the term of the designee, if one be appointed, 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. It is requested that a preference be given to loans or scholarships.

3. \$10,000.00 in securities (160 shares Buckeye Union Casualty Company stock) from Mrs. Frederick E. Jones to be credited to the Virginia Kelsey Jones Fund.
4. \$5,000.00 from Eli Lilly and Company, Indianapolis, Indiana, for research in infectious diseases under the direction of Dr. Samuel Saslaw.
5. \$5,000.00 from Smith, Kline and French Laboratories, Philadelphia, Pennsylvania, for research in Chemistry under the direction of Dr. Michael P. Cava.

December 13, 1963 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

6. \$5,000.00 from The Ohio National Bank Trust Department representing a bequest under Item 11 of the Will of Grace M. Bareis for the Grace M. Bareis Memorial Fund.

Grace M. Bareis Memorial Fund

The Grace M. Bareis Memorial Fund was established November 19, 1963 by a bequest under Item 11 of the Last Will and Testament of Grace M. Bareis.

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

The income is to be used each year for the purpose of assisting some student, preferably a woman student, specializing in mathematics. In the event that said award is not made in any year, the interest on said fund shall accumulate and such accumulated interest shall be used for such purpose.

7. \$4,400.00 from the Columbus Foundation, Columbus, Ohio, for research in child development by the Department of Pediatrics.
8. \$2,500.00 from Hoffman-LaRoche, Inc., Nutley, New Jersey, for research in Obstetrics under the direction of Dr. Nicholas J. Teteris.
9. \$1,300.00 from Medical Research Consultants, Inc., Columbus, Ohio, for research in the Department of Obstetrics.
10. \$1,230.00 from Mark L. Morris Animal Foundation, Denver, Colorado, for research in Veterinary Medicine under the direction of Dr. R. W. Redding.
11. \$1,000.00 from Lawrence and Lee Educational Foundation, Inc., Beverly Hills, California, for American Playwrights Theatre Project.
12. \$1,000.00 from Clay Drain Tile Manufacturers, Inc., Glanford, Ohio, for scholarships.

TOTAL - Received Through the Development Fund \$70,342.50

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

December 13, 1963 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

C. Report from The Ohio State University Development Fund

In November, 1963, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	2,223	\$ 42,255.97
Individuals, other than alumni	107	3,314.50
Nonprofit organizations	24	34,059.90
Business concerns	11	42,529.18
	<u>2,365</u>	<u>\$122,159.55</u>

Of these gifts, 1,969 totaling \$11,969.86 were undesignated and 396 totaling \$110,189.69 were designated.

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V. APPROPRIATIONS AND TRANSFER OF FUNDS

A. Appropriations for the Development of Research Projects

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:

\$8,000.00 to the College of Medicine, Office of Radiation Safety, to match college funds for a multi-channel analyzer to be used as a rapid special analysis and detector instrument for the Office of Radiation Safety as well as a research instrument in the Department of Radiology

Subaccount (a)

\$7,000.00 to the College of Pharmacy to match college funds for renovation and installation of new equipment in Room 6 of the Pharmacy and Bacteriology Building so that the room may be converted into a research laboratory

Subaccount (c)

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

B. Numerical Computation Laboratory

The operation of the Numerical Computation Laboratory requires support in addition to that forthcoming from appropriated funds and from the income of the Laboratory. This support is primarily required due to use of the Laboratory in non-sponsored research activities.

V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

B. Numerical Computation Laboratory (continued)

It is therefore proposed to meet these expenses for the academic year 1963-64 as follows:

1. An amount not to exceed \$25,000.00 to be appropriated from the military portion of the Mershon Fund.
2. An amount not to exceed \$100,000.00 to be appropriated from University Treasurer Research Subaccount (f).

At the request of the Vice President for Research and with the concurrence of the Cabinet, it is recommended that the above proposal be approved.

Upon motion of Mr. Allyn, seconded by Mr. Bricker, the above recommendation for appropriation of funds was unanimously approved 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 in each case.

A. Research Space - East Side of Stadium (Phase II, Personnel Research Board)

Heating, Ventilating and Air Conditioning Contract

It is recommended that a second air cooled condenser be furnished and installed to take care of future third floor.

Add \$2,022.00

Funds will be provided from Budget Account 19916, H. B. 711.

B. Dining Facility South (Bradford Commons)

Plumbing Contract

It is recommended that the following changes be made:

1. Omit the moving of the existing fire hydrant from the sidewalk along 12th Avenue. Deduct \$40.00.

December 13, 1963 meeting, Board of Trustees

VI. EXTRA ORDERS TO CONTRACTS (continued)

B. Dining Facility South (Bradford Commons) (continued)

Plumbing Contract (continued)

2. Omit cold water connections for ice makers and provide cold water connections for a new ice maker in a different location; omit 3 mixing faucets and traps and wastes for two sinks and provide one wall mounted mixing faucet at each of these two locations. Deduct \$36.00.

3. Provide a storage tank with recirculating lines and a circulating pump, connected to the instantaneous convertors for the 190^o water system for the dishwasher and pot and pan washer. Add \$1,113.00. Net Extra \$1,037.00

Funds will be provided from Dormitory Construction Funds.

Upon motion of Mr. Davis, seconded by Mr. Ketterer, the above recommendation was unanimously approved by 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. McPherson Laboratory - Window Repairs

Replace original steel sash in 1923 section of the building with new aluminum double hung windows including new marble sills and plaster repairs at window heads and jambs.

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

B. University Hospital - Renovation of Seven Areas (Phase I, Rehabilitation of Pharmacy--Rooms 368 and 377, Modification of Waiting Room #N-1009)

Redesign pharmacy facilities for combined inpatient and outpatient dispensing in Room 368 and all compounding of prescriptions in Room 377. Remodel existing patient waiting area to provide both a waiting room and small reception office.

Funds for this project will be provided from the University Hospital Rotary.

December 13, 1963 meeting, Board of Trustees

VII. PLANS AND SPECIFICATIONS (continued)

C. Starling Loving Window Repairs

Replace twenty-three casement windows in west face of "M" Wing (1924 construction) with new double-hung aluminum windows.

Funds for this project will be provided from Department 2355, Budget Account 12350, Maintenance Account, H. B. 711.

D. Improvements to Fifth Avenue Dam Across the Olentangy River Between Fifth and King Avenues

To raise the crest of the existing Fifth Avenue Dam located across the Olentangy River eighteen inches and to make minor repairs to the existing spillway, apron and abutments. The increased pool capacity will benefit the University power and heating facilities.

Funds for this project will be provided from proceeds of Issue No. 1 as appropriated by the 105th General Assembly.

E. Repair of Electrical Distribution and Lighting in Botany and Zoology Building, Derby Hall, Hamilton Hall, Page Hall and Stillman Hall

Increasing and replacing the electrical wiring in the buildings in order to change the lighting fixtures from incandescent to fluorescent thereby increasing the foot-candles of light from 5 or 10 to 30 or 35. This work is being done in areas which are primarily used for classrooms, laboratories and other rooms where large numbers of students assemble.

Funds will be provided for this project from Department 2355, Budget Account 12350, Maintenance Account, H. B. 711.

Upon motion of Mr. Davis, seconded by Mr. Loop, the above recommendation was unanimously approved by roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above 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:

VIII. REPORT OF AWARD OF CONTRACTS (continued)

A. Improvements in Electrical Systems, University Hospital

Bids were received on December 5, 1963 for this project and the award of contract recommended to the lowest and best bidder as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
(7 bids received)		
Jess Howard Electric Company (Columbus)	\$296,747.00	\$291,300.00

Funds for this project will be provided from the University Hospital Rotary.

B. University Hospital - Repairs to Rooms 473, 476, 478, 479 and N729

Bids were received on December 5, 1963 for this project and the award of contracts recommended to the lowest and best bidders as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (8 bids received)		
Waller and Lund, Inc. (Columbus)		
Base Bid	\$ 19,870.00	\$ 23,030.00
Alternate G-2 Operating Room Door Check	550.00	600.00
Total General Contract	<u>\$ 20,420.00</u>	<u>\$ 23,630.00</u>

<u>Heating and Ventilating Contract</u> (3 bids received)		
Dotter, Inc. (Columbus)	2,295.00	4,600.00

Plumbing Contract
(2 bids received)
Neither bid was under the estimate of cost and this division is being re-advertised.

<u>Electrical Contract</u> (2 bids received)		
Fast Electric Company (Columbus)	<u>10,975.00</u>	<u>15,900.00</u>
Total All Contracts	<u>\$ 33,690.00</u>	<u>\$ 44,130.00</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, 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:

- 33 Approves the transfer of \$464,000.00 from Account 200 Maintenance to Account 404 Urban Renewal Land to provide funding for the Urban Renewal Project No. R-46 until funds from the Bond Issue can be made available.
- 34 Approves the expenditure of \$464,000.00 from Account 404 Urban Renewal Land to provide funds to enter into a Land Disposition Contract with the City of Columbus.
- 36 Approves the University performing remodeling work on 48 private patient rooms in order to bring them up to modern standards and authorizes this work done on a force account basis.

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X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Special Policeman Commission

At the request of the Vice President, Business and Finance, it is recommended that George Edward Nance 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. Nance, 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. Davis, seconded by Mr. Loop, the above recommendation was unanimously approved by roll call vote.

B. Purchase of Buildings and Property, 90 West 10th Avenue

It is recommended that the Vice President, Business and Finance, be authorized to proceed with the purchase of the following property from Delta Sigma Delta House Corporation at a price of \$33,000.00:

Property known as 90 West 10th Avenue, being Lots #32 and 33 of College Place Addition, City of Columbus, County of Franklin, State of Ohio.

Funds are available from proceeds of the Bond Issue.

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

XI. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the death of Sheldon C. Robertson, Assistant Professor Emeritus of the Romance Language Department; John Franklin Lyman, Professor Emeritus of Agricultural Biochemistry; and Dan Harrison Eikenberry, Professor Emeritus of Education; and, 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. Sheldon C. Robertson

The Board of Trustees expresses its sorrow at the death on October 1, 1963 of Sheldon C. Robertson, Assistant Professor Emeritus of the Romance Language Department.

Professor Robertson was born in Richwood, Ohio, August 20, 1904. He obtained his B.A. degree in 1927 at The Ohio State University. He attended the University of Berlin in 1931 and spent the following year at the University of Nancy in France. He also studied in Mexico and Spain. Before returning to Ohio State he taught for several years at Oakwood High School in Dayton. He returned to Ohio State where he received his M.A. degree in 1937. Until the time of his retirement in 1961, he taught both French and Spanish in the Department of Romance Languages.

He was a dedicated teacher and organized a widely acclaimed radio course in Spanish. During the war he was in charge of Spanish instruction for the Army Student's Training Corps.

Professor Robertson was an outdoorsman; a naturalist who was particularly interested in the geography and culture of Northern Quebec. He continued his study of languages after his retirement, including his most recent study of the Cree Indian language.

Professor Robertson was a man of great physical and moral strength, but perhaps his outstanding characteristic was his gentleness. He will be missed by a host of friends and students.

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. John Franklin Lyman

The Board of Trustees expresses its sorrow at the death on November 19, 1963 of John Franklin Lyman, Professor Emeritus of Agricultural Biochemistry.

Professor Lyman was born on February 20, 1881 at Mesopotamia, Ohio. Following the earning of his Bachelor of Science degree at the University of Massachusetts in 1905, he was appointed Assistant in the Department of Agricultural Chemistry at The Ohio State University. In 1906 he became Assistant in Biology at Yale University, where he became a student of

December 13, 1963 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

B. John Franklin Lyman (continued)

Professor Lafayette B. Mendel, who probably contributed more to development of modern biochemistry than any other American scholar. Dr. Lyman returned to The Ohio State University in 1909 as Associate Professor and in 1915 succeeded Dean Alfred Vivian as Professor and Chairman of the Department of Agricultural Chemistry (later Agricultural Biochemistry)--a post he held until 1948 when he relinquished the Chairmanship. Professor Lyman continued his teaching until 1951 when he became Professor Emeritus.

Professor Lyman was a leader in investigations on metabolism of purines, fats and calcium and was recognized as an outstanding nutritionist. He became well known for his research in the chemistry of milk in relation to its use by the human infant. This research laid much of the early foundation for the modern development of the modification of cow's milk to assure optimum nutrition of the human infant. He held memberships in the American Society of Biological Chemists and the American Chemical Society for over fifty years. He also was a member of the Society for Experimental Biology and Medicine. He was a charter member of the American Institute of Nutrition and the Institute of Food Technologists.

During his long tenure at this University, he served well on many important committees and councils, never losing sight of the scholarly mission of the University. He was instrumental in bringing to Ohio State the great importance of the field of nutrition to the general welfare of man and was an organizer of the Institute of Nutrition and Food Technology.

With all of Professor Lyman's professional contributions, he was best known as a teacher of great modesty and warmth, who always had the welfare of his students and colleagues at heart. He was a man truly loved and admired by his students, associates and friends, for his life was so devoted to serving others.

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.

C. Dan Harrison Eikenberry

The Board of Trustees expresses its sorrow at the death on November 30, 1963 of Dan Harrison Eikenberry, Professor Emeritus of Education.

Dr. Eikenberry was born on December 14, 1888, in Howard County, Indiana. He received the A.B. degree in 1911 and the M.A. degree in 1915 from Indiana University. Teachers College, Columbia University, awarded him the Ph.D. degree in 1924.

He had a distinguished career as an educator both in public school and college. His public school teaching experience was in Indiana where he was a high school teacher and principal at Fairmount from 1911-1914; a high school teacher at Muncie, 1914-1916; and a high school principal at Mishawaka, 1916-1917, and at Crawfordsville, 1919-1921.

December 13, 1963 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

C. Dan Harrison Eikenberry (continued)

During his career as a college and university educator, he was an instructor in the summer sessions of 1920 and 1921 at Indiana University; Assistant Professor of Education at Rutgers University, 1922-1924; and Associate Professor of Education, 1924-1925, and Professor, 1925-1927, at the University of Missouri.

In 1927 Dr. Eikenberry came to The Ohio State University where he served as Professor of School Administration until 1933. From 1933 until his retirement in 1959, he was Professor of Education, during which time he was Chairman of the Department of Education from 1942-1948.

Dan Harrison Eikenberry has been responsible for the improvement of educational programs in many parts of this Nation. His great energy and his deep concern for high standards, for thoroughness, for accuracy, and for the development and use of basic criteria in attacking problems of education have been balanced by his wisdom in human relations. These qualities, expressed through his professional contacts with thousands of teachers and educational administrators, have made his influence widely felt.

He gave much of his time and energy to extensive service beyond his classroom teaching. He counseled several state departments of education. He was a member of the Commission on Secondary Schools of the North Central Association of Colleges and Secondary Schools and chairman of its Ohio State Committee. He led a survey of Chicago high schools and was chairman of the Ohio Committee on Co-operative Secondary School Standards.

Noted among his extensive research and publications are The Need for the Upward Extension of Secondary Education in Ohio, 1954, and An Introduction to Guidance, as well as many educational articles including "Status of the High School Principal," "Survey of the Missouri High Schools," "Ohio High School Standards, 1937," "Suggested Studies in Secondary Education," and Survey of Chicago High Schools, 1932, which he co-authored with Milo H. Stuart.

For many years Professor Eikenberry has been a national leader in exploring the needs and possibilities for education beyond the high school. Reports of his studies and those of his students on this subject are now used throughout the country by educators in creating post-high school programs to care for the Nation's expanding educational needs.

In recognition of Professor Eikenberry's distinguished career as a nationally recognized leader in the field of education, able and effective administrator, and his significant contributions to The Ohio State University, he was awarded the University's Distinguished Service Award at the August 1963 Commencement.

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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December 13, 1963 meeting, Board of Trustees

XII. REPORTS

A. Report on Investment Portfolio

The report on the University's Investment Portfolio dated November 30, 1963 was presented to the Board of Trustees. The Secretary was instructed to file a copy of the report 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 highlights of campus activities during the past month as compiled by the Executive Director, Office of University Relations. The Secretary was instructed to file a copy of the report with the official records of the Board of Trustees.

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Thereupon the Board adjourned to meet Friday, January 17, 1964, at The Ohio State University, Columbus, Ohio, at ten o'clock.

Attest:

John T. Mount
Secretary

Thomas F. Patton
Chairman

APPENDIX V

Degrees Conferred at
THE OHIO STATE UNIVERSITY COMMENCEMENT
December 20, 1963

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RECIPIENTS OF HONORS

ROBERT BINGHAM DOWNS DOCTOR OF HUMANE LETTERS

*Distinguished and creative leader in research librarianship,
noted author, tireless advocate of library cooperation*

Robert Bingham Downs, dean of library administration and director of the Graduate School of Library Science at the University of Illinois, has made one of the greatest contributions to the advancement of domestic and world scholarship of any living librarian. He has devoted unceasing effort to the preparation of significant bibliographies and other works indicating important sources of research library materials and, by his example, has encouraged others to do the same. Realizing that no research library can be sufficient unto itself, he has worked continuously and effectively to further the spirit and the reality of cooperation among academic and research libraries in order better to support scholarship on a global basis.

Born in North Carolina, Robert B. Downs received the bachelor's degree from the University of North Carolina and the bachelor's and master's degrees in library science from Columbia University. He has served with distinction as the librarian of Colby College, the University of North Carolina, and New York University. In 1943 when he was appointed director of the Library and the Library School at the University of Illinois, the institution already had an excellent collection exceeding 1,800,000 volumes. Under Professor Downs' able leadership this library today contains a magnificent collection in excess of 3,650,000 volumes, ranking it the largest among state universities, the third largest university collection in the United States, and one of the truly great libraries of the world.

Robert Downs has published four books dealing with the resources and locations of American research materials, a book of humor in collaboration with Mrs. Downs, three volumes devoted to the effects of books on the development of civilization, one on the status of academic librarians, and has authored numerous articles for periodicals and books. His *Books That Changed the World* has been translated into Japanese, Korean, Indonesian, Spanish, and Bengali.

In addition to his activities in a number of scholarly societies, Dean Downs has made many and substantial contributions to research librarianship.

At the peak of his career after more than forty years of distinguished service in which he has made an indelible impression upon national and world scholarship, Professor Downs may look backward with satisfaction and forward with anticipation to rich years of vigorous service and effective leadership to the library profession.

CLARENCE DEWEY LAYLIN

DOCTOR OF LAWS

*Brilliant lawyer, effective public servant, inspiring teacher,
outstanding Christian layman*

Clarence Dewey Laylin, born four score and one years ago in Norwalk, Ohio, is thoroughly Ohioan not only by birth but in formal education, in public service, in church and community leadership, and in the practice of his chosen profession. His life is a success story in the best American tradition—a man highly respected among his professional fellows, beloved by his legion of friends, esteemed by his community, and adored by his family.

Following graduation from The Ohio State University College of Law and admission to the Bar of Ohio in 1906, Mr. Laylin entered public service as assistant attorney general of Ohio and, later, as special counsel to the attorney general of Ohio. A considerable part of the underlying tax structure of this State bears witness to his legal statesmanship and to his skill as a statutory draftsman. His service of sixteen years duration in the office of the attorney general overlapped by a period of twenty-years as a professor in the College of Law of which he is a graduate. Those who were privileged to study law under his guidance, among whom are today many of Ohio's leading practitioners and judges, testify without reservation to the greatness of his teaching. An undergraduate Phi Beta Kappa and in law school a member of the coveted Order of the Coif, Clarence Laylin, as a professor of law, displayed a keenness of intellect that challenged the minds of those he taught, yet balanced this quality with a warmly sincere interest in the problems and aspirations of his students and with a delicate sense of humor and humility.

After leaving the University in 1937, Mr. Laylin entered the active practice of law in Columbus. In the ensuing quarter of a century, he has earned among the lawyers of Ohio a level of respect which does not come to many in professional relationships. Throughout this distinguished career in law as a practitioner, public servant, and teacher, Mr. Laylin has participated continuously and meaningfully in the life of his church and his community. For Methodism and the wider Christian fellowship of Ohio he has been a tower of strength not only as an active official and counsellor but also as the embodiment of impeccable personal integrity and of the common good. He is respected highly for his active and effective involvement in the advancement of community welfare.

Whether judged for technical legal acumen or for legal statesmanship, Clarence D. Laylin has no peer. He is one of the few who has attained the ultimate heights in professional achievement and renown.

HERMAN B WELLS
DOCTOR OF HUMANE LETTERS

*Builder of a university, master of educational statesmanship at
home and throughout the world*

The transformation of Indiana University during the past quarter of a century into one of the Nation's foremost centers of education and research may be attributed largely to many dedicated scholars and teachers, but there is ample testimony that they would agree to identify Herman B Wells both as the symbol and the stimulus of their trajectory. As president of Indiana University, Herman Wells gained the affection of a generation of students and the admiration and respect of the faculty, alumni, and the people of his state.

During the highly productive twenty-five year tenure of his presidency, the impact of Herman Wells' educational statesmanship became evident far beyond the borders of the university campus or the boundaries of the Hoosier State. He rendered a continuing and outstanding service through his remarkable capacity to interpret to Americans the educational needs and desires of the world's underprivileged and culturally deprived peoples. He represented effectively the United States Government as a member with ministerial rank on the Allied Mission for Observation of Greek Elections and, also, as an advisor on cultural affairs in Germany. He was appointed by President Eisenhower in 1957 as a delegate to the United Nations. In 1958 he toured the Soviet Union as a member of a delegation of college presidents studying Russian higher education. Later he served as an educational consultant in Pakistan, and in 1960 he represented American universities at the SETO conference on higher education in Southeast Asia.

Herman Wells graduated from Indiana University as a specialist in banking and finance. Following several successful years of practical experience in this field, he returned to his Alma Mater to serve first as dean of the School of Business Administration and then as president of the university during an unprecedented period of growth from 1938 until 1962.

Today, Herman B Wells holds the dual title, president of the Indiana University Foundation and chancellor of Indiana University. Consistent with the pattern of dynamic leadership that he has demonstrated since his college days, he continues to serve with distinction, vigorously and effectively, the esteemed institution of higher learning to which he has dedicated his life and devoted his professional career. He has, indeed, become the image of the world-citizen educator.

GRADUATE SCHOOL

Dean: RICHARD ARMITAGE

Doctor of Philosophy

- Charles Kissam Allen, B.A., M.A. Pittsburgh, Pa.
Dissertation: The Effects of Massed and Distributed Practice in Short-Term Memory
Field of Specialization: Psychology
- William Delmar Allen, B.Sc. in Soc.Adm., M.A. in Soc.Adm. Tallahassee, Fla.
Dissertation: An Exploratory Study to Determine the Extent to Which Retired Persons Utilize Social Work Services in Columbus, Ohio, 1963
Field of Specialization: Social Work
- Jawad Naki Al-Sheikh, B.S. in P.E. (University of Texas); M.S. (Rice Institute) Kadhmain, Iraq
Dissertation: Prediction of Flow Patterns in Horizontal Two-Phase Fluid Flow
Field of Specialization: Chemical Engineering
- John Robert Baechle, B.E.E., M.Sc. Lancaster
Dissertation: The Effects of Curvature on Traveling-Wave Antennas
Field of Specialization: Electrical Engineering
- Robert Arlen Barnes, B.S.M.E. (West Virginia University); M.Sc. Columbus
Dissertation: The Solution of Plane Elasticity Problems by Displacement Functions with Special Emphasis on Problems with Mixed Boundary Conditions
Field of Specialization: Engineering Mechanics
- John Bolton Bartlett, B.A., M.F.A. (Bob Jones University) Columbus
Dissertation: Bryan, Chautauqua's Orator
Field of Specialization: Speech
- Esther Steinhauer Battle, A.B. (Antioch College); M.A. Yellow Springs
Dissertation: Achievement Values, Standards and Expectations: Their Effect on Children's Task Persistence and Academic Competence
Field of Specialization: Psychology
- Sarvan Kumar Bhatia, B.A., M.A. (Punjab University) Chandigarh, Punjab, India
Dissertation: The International Labor Organization and the Developing Countries with Primary Reference to India
Field of Specialization: Economics
- Mary Otteson Blake, B.A. (Saint Olaf College); M.A. Owatonna, Minn.
Dissertation: Enforced Observation in Delayed Response Learning of Frontal Monkeys
Field of Specialization: Psychology
- Allen Boyd Bogarad, B.A., M.A. Springfield
Dissertation: A Rhetorical Analysis of the Speaking of John A. Bingham with Emphasis on His Role in the Trial of the Lincoln Conspirators
Field of Specialization: Speech
- Sister Mary Angelina Breaux, B.A. (Our Lady of the Lake College); M.S. in H.E. (University of Texas) San Antonio, Tex.
Dissertation: Selected Personality Characteristics and Their Relationship to Academic Achievement
Field of Specialization: Home Economics

- Barbara Fuerst Brech, A.B. (Indiana University); A.M. (University of Illinois) Bloomington, Ind.
Dissertation: Motive des Schweigens in Storms Novellen
Field of Specialization: German
- Emery Brewer, A.B. in Ed., M.A. in Ed. (University of Kentucky) . . Dayton
Dissertation: A Survey of Arithmetic Intra-class Grouping Practices in the Elementary Schools of Ohio
Field of Specialization: Education
- Jerome Gough Bricker, B.S. (University of Akron); M.Sc. Columbus
Dissertation: The Effect of Hydrocortisone on Glutamic Dehydrogenase Activity in Rat Liver
Field of Specialization: Physiology
- Clement Alphonso Bronson, B.S. in Agri., M.S. in Agri. (Tuskegee Institute) Tuskegee, Ala.
Dissertation: An Evaluation of Selected Aspects of Agricultural Education Programs in the Inter-regional Land-Grant Institutions of the United States
Field of Specialization: Agricultural Education
- Howard C. Brown, B.S. (California State Polytechnic College); M.Sc. San Luis Obispo, Calif.
Dissertation: The Effect of Cycocel ([2-Chloroethyl] trimethylammonium Chloride) Applied to the Soil on the Inhibition of Growth and Mineral Element Content of the Foliage of Potted Poinsettias (Euphorbia pulcherrima Willd.)
Field of Specialization: Horticulture
- William George Burbick, A.B. (Bluffton College); M.A. New Wilmington, Pa.
Dissertation: Columbus, Ohio, Theater from the Beginning of the Civil War to 1875
Field of Specialization: Speech
- John Andrew Burke, Jr., B.S. (Texas Technological College); M.Sc. Paris, Tex.
Dissertation: Temperature Dependence of the Susceptibilities of Magnetically Anomalous Iron, Cobalt, and Nickel Complexes
Field of Specialization: Chemistry
- Stephen Wallace Calhoon, Jr., B.S. (Houghton College); M.Sc. Houghton, N. Y.
Dissertation: A Simultaneous Determination of Carbon, Hydrogen, and Nitrogen in Some Nitrogenous Organic Compounds
Field of Specialization: Chemistry
- Patrick Tracy Cleaver, A.B. (Miami University); M.A. Miamiville
Dissertation: The Development of an Index for Estimating Social Class Levels of City Blocks
Field of Specialization: Sociology
- Richard Glenn Cole, B.A. (Eastern New Mexico University); M.A. (State University of Iowa) Portales, N. Mex.
Dissertation: Eberlin von Günzburg and the German Reformation
Field of Specialization: History
- Billy Joe Colwell, B.A., LL.B. (University of Texas) Lockhart, Tex.
Dissertation: Amended Section Seven of the Clayton Act, Conglomerate Mergers, and Preventive Antitrust Policy
Field of Specialization: Economics
- Thomas J Davidson, Jr., B.S. (California State Polytechnic College); M.Sc. Santa Ana, Calif.
Dissertation: Phosphorus and Potassium Fixation of Selected Alluvial Soils from Honduras
Field of Specialization: Agronomy

- M. Leon Dodez, B.Sc. in Edu., M.A. Coconut Grove, Fla.
*Dissertation: An Examination of the Theories and Methodologies of
 John Walker (1732-1807) with Emphasis upon Gesturing*
Field of Specialization: Speech
- Vera May Ellithorpe, B.S. in Arch., M.S. (Kansas State University)
 Manhattan, Kans.
*Dissertation: The Process of Relocation: Factors Affecting Housing
 Choice*
Field of Specialization: Home Economics
- Richard Dean Falb, B.S. in Chem. (Wheaton College) Ft. Wayne, Ind.
*Dissertation: An Investigation of the Interactions of Non-conjugated
 Pi-Electron Systems*
Field of Specialization: Chemistry
- Donald Francis Faules, A.B. (McPherson College); M.A. (Southern
 Illinois University) Greeley, Colo.
*Dissertation: Communicator Ability and the Ability to Elicit and Inter-
 pret Feedback under Four Conditions of Stimuli*
Field of Specialization: Speech
- Wilbur Leslie France, B.S. (Capital University); M.Sc. London
Dissertation: Total Absorbance by Ammonia in the Infrared
Field of Specialization: Physics
- Emma Lila Fundaburk, A.B. (George Washington University); M.A.
 (Northwestern University) Luverne, Ala.
*Dissertation: Business Corporations in Alabama in the Nineteenth
 Century*
Field of Specialization: Economics
- Donald Raymond Geiger, B.S. (University of Dayton); M.Sc. Dayton
Dissertation: The Kinetics of Carbon-14 Translocation in Sugar Beet
Field of Specialization: Botany and Plant Pathology
- Edward Joseph Glamkowski, B.S. (Fordham College) Woodside, N. Y.
*Dissertation: The Synthesis, Properties and Reactions of Steroidal α -
 Oximino and Diazoketones*
Field of Specialization: Chemistry
- Robert Blair Green, B.S. (Iowa State College); M.Sc. Des Moines, Ia.
Dissertation: The General Theory of Antenna Scattering
Field of Specialization: Electrical Engineering
- Ned H Greenwood, B.S., M.S. (Brigham Young University) . . . Eagar, Ariz.
Dissertation: Water Resources and Irrigation Potential of the RSFSR
Field of Specialization: Geography
- Malcolm George Gressman, B.A. (Otterbein College); M.A. . . Anderson, Ind.
Dissertation: The Career of John Baldwin Buckstone
Field of Specialization: Speech
- Charles Ralph Gruner, B.S. in Ed., M.S. (Southern Illinois University)
 Pinckneyville, Ill.
*Dissertation: An Experimental Study of the Effectiveness of Oral Sa-
 tire in Modifying Attitude*
Field of Specialization: Speech
- Shirley Ann Harmon, A.B. (Marietta College); M.Sc. Marietta
*Dissertation: An Analysis of the Genetic Determinant Controlling
 Penicillinase Production in Staphylococcus aureus*
Field of Specialization: Microbiology
- Paul Evan Hartman, B.Sc. in Edu., M.A. Worthington
*Dissertation: An Evaluation of the Skill Level of Seniors Majoring in
 Physical Education at The Ohio State University*
Field of Specialization: Physical Education

- Charles Earl Hayden, B.Sc. in Edu., M.A.....Columbus
Dissertation: The School Counselor's Role: Premises and Reality
Field of Specialization: Education
- Barbara Anne Henker, A.B. (San Francisco State College); M.A.
 (Sacramento State College).....Sacramento, Calif.
Dissertation: The Effect of Adult Model Relationships on Children's
Play and Task Imitation
Field of Specialization: Psychology
- Oscar Mervine Henry, A.B. (Fisk University); A.M. (Harvard University)
 Wilberforce
Dissertation: The Doctrine of Affections in Selected Solo Cantatas
of Alessandro Scarlatti
Field of Specialization: Education
- Warren Miles Hoffnagle, A.B. (Knox College); M.A.....Chicago, Ill.
Dissertation: Arthur L. Garford: A Biography of an Ohio Industrial-
ist and Politician, 1858-1933
Field of Specialization: History
- Eugene Franklin Horn, B.S. (Dickinson College).....Columbus
Dissertation: Emission Spectrum of Nitric Oxide in the Near Infrared
Field of Specialization: Physics
- James Joseph Huber, B.Sc. in Agr., M.Sc.....Lockland
Dissertation: Some Physiological Effects of the Insecticide Kepone in
the Laboratory Mouse
Field of Specialization: Zoology
- Stuart Pollard Jackson, B.S.E. (Princeton University); M.Sc....Columbus
Dissertation: Investigation of a Combined Magnetic-Transistor Direct
Coupled Amplifier
Field of Specialization: Electrical Engineering
- John Hal Johnson, B.S., M.S. (Brigham Young University)
 Spanish Fork, Utah
Dissertation: The Variation of Isoamyl Alcohols, n Pentanol, and Two
Unknown Compounds in Tomato Juice, with Variety,
Harvest, Processing, Storage, and Food Additives
Field of Specialization: Horticulture
- Robert Faris Keefer, B.S. (Cornell University); M.Sc.....Bellaire
Dissertation: Chromatographic and Spectrographic Analyses of Soil
Organic Matter Extracts
Field of Specialization: Agronomy
- Raymond Hal Kelley, B.S. in E.P. (Montana State College); M.Sc.
 Colorado Springs, Colo.
Dissertation: An Investigation of the Radioactive Isotopes Produced
by He³ Bombardment of Sm¹⁴⁷ and Gd¹⁵²
Field of Specialization: Physics
- Richard Eugene Kelley, B.Sc. in Bus.Adm., B.Sc. in Edu., M.A...Nelsonville
Dissertation: The Design of an Incentive Factor to Supplement the
Ohio School Foundation Program
Field of Specialization: Education
- Lassi Antti Kivioja.....Columbus
Dissertation: The Effect of Topography and Its Isostatic Compensation
on Free Air Gravity Anomalies
Field of Specialization: Geodetic Science

- Leon Rosin Klein, B.Sc. in Bus.Adm., M.B.A..... Detroit, Mich.
Dissertation: The Rack Jobber in the Marketing Process: A Functional and Economic Analysis
Field of Specialization: Business Organization
- Thomas Harlan Koltveit, B.S.Ed., M.Ed. (University of North Dakota)
 Grand Forks, N. Dak.
Dissertation: The Utilization of a Minimal Goal Construct in the Study of Underachievement
Field of Specialization: Education
- Robert Paul Lacy, B.S., M.S. (Indiana State Teachers College)
 Stillwater, Okla.
Dissertation: Determining the Needs of Television and Radio Audiences in the State of Oklahoma
Field of Specialization: Speech
- William Chien-Yeh Lee, B.Sc. (Chinese Naval Academy) ; M.Sc.
 Taipei, Taiwan, China
Dissertation: Radar Cross Sections of Anisotropic Bodies
Field of Specialization: Electrical Engineering
- Thomas Leonard Lewis, A.B. (Oberlin College) ; M.S. (University of Rochester)..... Rochester, N. Y.
Dissertation: A Paleocurrent Study of the Potsdam Sandstone of New York, Quebec, and Ontario
Field of Specialization: Geology
- Edgar Ray McAlister, B.S. (Harding College) ; M.B.A. (North Texas State College)..... Texarkana, Tex.
Dissertation: Retail Instalment Sales: Growth and Legislation
Field of Specialization: Business Organization
- Shirley Frances McGill, B.A. (Mills College, California) ; M.S. (University of Washington)..... Albuquerque, N. Mex.
Dissertation: A Determination of the Energy Cost of Golf during Play
Field of Specialization: Physical Education
- William Andrew McWorter, B.Sc., M.Sc..... Cleveland
Dissertation: ϕ Algebras
Field of Specialization: Mathematics
- Sami Khalil Mohamed, B.Com. (University of Cairo) ; A.M. (Econ.) (University of Chicago)..... Cairo, Egypt
Dissertation: The United Arab Republic's Balance of Payments, Commercial Policy, and Economic Development, 1952-1962
Field of Specialization: Economics
- Phil Lee Morton, B.Sc. in Phys., M.Sc..... Stoughton, Wis.
Dissertation: Particle Dynamics in Linear Accelerators
Field of Specialization: Physics
- Gene Elden Murra, B.S., M.S. (South Dakota State College at Brookings)
 Worthing, S. Dak.
Dissertation: Improving the Quality and Marketing of Domestic Fleece Wool
Field of Specialization: Agricultural Economics and Rural Sociology
- Alexander Perumal, B.S. (Ag.) (University of Kerala) ; M.S. (Oklahoma State University)..... Adur, Kerala, India
Dissertation: Some of the Physiological and Biochemical Effects of Copper on Apple Seedlings Grown in Solution Culture
Field of Specialization: Horticulture

- Willis Dean Poland, B.S., M.S. (Kansas State University) . . . Iowa City, Ia.
Dissertation: An Exploration of the Relationships between Self-estimated and Measured Personality Characteristics in the Open and Closed Mind
Field of Specialization: Psychology
- Gary Eugene Ricketts, B.Sc. in Agr., M.Sc. Willard
Dissertation: The Effect of Glucose, Iron, and Vitamin Supplements in Baby Lamb Nutrition
Field of Specialization: Animal Science
- Thomas John Rockett, B.S. (Tufts College); M.S. (Boston College)
 Medford, Mass.
Dissertation: Phase Relations in the Systems Silica, Boron Oxide-Silica, and Sodium Oxide-Boron Oxide-Silica
Field of Specialization: Mineralogy
- John Millar Rosenfeld, A.B., A.M. (Temple University) . . Upper Darby, Pa.
Dissertation: Some Perceptual and Cognitive Correlates of the High Need for Social Approval Personality
Field of Specialization: Psychology
- James Ware Scatterday, B.S. (Denison University) Westerville
Dissertation: Stratigraphy and Conodont Faunas of the Maxville Group (Middle and Upper Mississippian) of Ohio
Field of Specialization: Geology
- Allen Arthur Schmieder, B.S. in Ed. (Pennsylvania State Teachers College, Edinboro); M.A. Wesleyville, Pa.
Dissertation: The Historical Geography of the Erie Triangle
Field of Specialization: Geography
- James Conrad Schwarz, B.S. (Pennsylvania State University); M.A.
 Harrisburg, Pa.
Dissertation: Factors Influencing Expectancy Change during Delay in a Series of Trials on a Controlled Skill Task
Field of Specialization: Psychology
- Beulah Elizabeth Sellers, B.S.H.Ec. (Ohio University); M.A. Athens
Dissertation: Present Status and Perceptions of Home Economics in the Community College
Field of Specialization: Home Economics
- Kyle Cutler Sessions, B.A., M.A. Columbus
Dissertation: Luther's Hymns in the Spread of the Reformation
Field of Specialization: History
- Maurice Earl Shelby, Jr., B.A. (University of Washington)
 Knoxville, Tenn.
Dissertation: The Impact of Discovery, A Network Television Program for Children, on a Child Audience, Ages Seven to Twelve
Field of Specialization: Speech
- John Wesley Shrum, B.S. (Pennsylvania State University); M.Ed.
 (Bowling Green State University) Columbus
Dissertation: A Proposed Curriculum for the Preparation of Earth-Science Teachers
Field of Specialization: Education
- Anthony Arthur Sinkula, B.S. (University of Wisconsin); M.Sc.
 Armstrong Creek, Wis.
Dissertation: I. Synthesis of a Series of 2,2-Cycloalkyl Benzothiazolines
 II. A Preliminary Investigation of Some Synthetic Routes Leading to the Formation of Phenolic Arylpropanolamines
Field of Specialization: Pharmacy

- Neil Owen Sneyd, B.Sc. in Agr., M.Sc. Stryker
*Dissertation: Agricultural Offerings in Community Colleges in the
 United States*
Field of Specialization: Agricultural Education
- Heinz Sorer, A.B. (Western Reserve University); B.Sc. in Phar.,
 M.Sc. South Euclid
*Dissertation: Pharmacological Properties of Schiff Bases of n-Hexy-
 lamine and Amphetamine*
Field of Specialization: Pharmacology
- James Jay Stack, B.S. (Northwestern University); M.A. (Ohio
 University) Berwyn, Ill.
*Dissertation: Individual Differences in the Reduction of Cognitive
 Dissonance: An Exploratory Study*
Field of Specialization: Psychology
- Reinhardt Peter Stein, B.S. (Rensselaer Polytechnic Institute)
 Middletown, N. Y.
*Dissertation: Part I. The Stereochemistry of Andrographolide
 Part II. Carbonyl Addition Reactions of
 Benzocyclobutenedione*
Field of Specialization: Chemistry
- Richard Ray Stevic, B.A. (College of Wooster); M.A. Marshallville
*Dissertation: The School Counselor's Role: Commitment and Margin-
 ality*
Field of Specialization: Education
- Eugene Darrah Thomas, B.Sc., M.Sc. St. Clairsville
*Dissertation: The Photo-oxidation of Oxygen-saturated Water Slurries
 of Cadmium Sulfide*
Field of Specialization: Chemistry
- Ronald Leslie Thomas, B.Sc. in Ag., M.Sc. (University of Alberta)
 Edmonton, Alta., Canada
*Dissertation: Fractionation and Characterization of the Polysaccha-
 rides Extracted from the Brookston Soil*
Field of Specialization: Agronomy
- Major Curt Thompson, B.S. (Birmingham Southern College); M.Sc.
 Birmingham, Ala.
*Dissertation: Reactions of Coordinated Ligands. Utilization of the
 Coordination Sphere of a Metal Ion as a Template for
 the In Situ Synthesis of Macrocyclic Ligands*
Field of Specialization: Chemistry
- Robert Bruce Tompkin, B.S. (Ohio University); M.Sc. . . . Cuyahoga Falls
*Dissertation: The Establishment of the Rumen Protozoan, Entodinium,
 In Vitro*
Field of Specialization: Microbiology
- Janet Posey Toy, A.B., M.S. (West Virginia University) Springfield
*Dissertation: Metabolic Pathways in Acid Production by Yeast Han-
 senula anomala*
Field of Specialization: Botany and Plant Pathology
- Frederick Barnes Tubbs, B.S. (College of William and Mary); M.Ed.
 (University of Florida) Oneonta, N. Y.
*Dissertation: Some Characteristics of Highly Effective and Less Effec-
 tive Secondary-School Science Teachers*
Field of Specialization: Education
- Verne Alvin Vandemark, B.S., M.S., M.A. (Michigan State University)
 Columbus
*Dissertation: Automatic Merchandising of Grocery Products for Off-
 Premise Consumption*
Field of Specialization: Agricultural Economics and Rural Sociology

- Glen Junior Vollmar, B.Sc. in Agr., M.Sc. Arlington, Va.
*Dissertation: An Investigation of the Economic Use of Farm Equip-
ment, Northwestern Ohio Cash Grain Farms*
Field of Specialization: Agricultural Economics and Rural Sociology
- Forest Baird Ward, A.B., M.A. (Occidental College) Downey, Calif.
*Dissertation: The Achievement Motive and Incentive Value for High
and Low Levels of Achievement Success*
Field of Specialization: Psychology
- Robert Eugene Winchell, Jr., B.S. (Stanford University); M.S. (Michigan
College of Mining and Technology) Yerington, Nev.
*Dissertation: X-ray Study and Synthesis of Some Copper-Lead Oxy-
chlorides*
Field of Specialization: Mineralogy
- Frances June Zeman, B.S., M.S. (Western Reserve University) . . Northfield
*Dissertation: Influence of Ascorbic Acid and of Thiamine on Physiolog-
ical Responses of Guinea Pigs to High Ambient Temper-
ature*
Field of Specialization: Home Economics
(Eighty-nine candidates)

Master of Arts

- Patricia Vincenta Alisau, B.A. (Kent State University) Youngstown
Field of Specialization: Psychology
- Nahil Hanna Anastas, B.A. (Beirut College for Women) . Bethlehem, Jordan
Field of Specialization: Education
- Harold Parker Ashenfelter, B.S. in Ed. (Wittenberg University)
New Carlisle
Field of Specialization: Music
- Robert Squire Barstow, B.M. (Fort Hays Kansas State College) . Rush, Colo.
Field of Specialization: Music
- Clifford Roger Birtcher, B.Sc. in Edu. Columbus
Field of Specialization: Education
- Thomas Edwin Boling, B.A. (Mississippi College); B.D. (Southern
Baptist Theological Seminary) Reynoldsburg
Field of Specialization: Sociology
- Richard Borrer, B.Sc. in Edu. Columbus
Field of Specialization: History
- Deanna Holcomb Bowman, B.Sc. in Edu. Hilliard
Field of Specialization: Physical Education
- Nancy Cramer Boyd, B.S. in Edu. (Bowling Green State University)
Columbus
Field of Specialization: English
- Frank Joseph Brancely, Jr., B.A. (Fenn College) Euclid
Field of Specialization: Sociology
- James Edward Eugene Brooks, B.A., B.Sc. in Bus. Adm. Columbus
Field of Specialization: Romance Languages (French)
- Sally Farran Bulford, B.A. Willoughby
Field of Specialization: English
- Gerald Patrick Chubb, B.Sc. Columbus
Field of Specialization: Psychology
- George Yarrington Coats, B.Sc. in Edu. Columbus
Field of Specialization: History

- Lynne Alison Conway, B.S. in Edu. (Ashland College) Ashland
Field of Specialization: Education
- Richard Joseph D'Aiuto, B.F.A. Cleveland
Field of Specialization: Art
- Carolyn Muriel Davies, B.A. (Marshall University) Huntington, W. Va.
Field of Specialization: Psychology
- Owen Lowe Duncan, Jr., B.A. (Marshall University) Huntington, W. Va.
Field of Specialization: History
- Jack Williams Fricke, B.S. in Ed. (Indiana University) Springfield
Field of Specialization: History
- William Wayne Giffin, B.A. (College of Wooster); B.Sc. in Edu. Shadyside
Field of Specialization: History
- Kathleen Marie Gnifkowski, B.A. (College of Saint Benedict)
 St. Cloud, Minn.
Field of Specialization: Speech
- Virginia English Gower, B.Sc. in H.E. Dayton
Field of Specialization: Psychology
- Young Ki Hahn, B.A. (Muskingum College) Seoul, Korea
Field of Specialization: Economics
- Jerry William Hanes, B.Sc. in Edu. Columbus
Field of Specialization: Music
- John Horace Harrison, B.Sc. in Edu. Columbus
Field of Specialization: Education
- William David Hills, B.S. in Ed. (University of Tennessee) Troy, Tenn.
Field of Specialization: Education
- Lawrence Darrel Hiner, B.Mus. (Ashland College) Ashland
Field of Specialization: Speech
- Gertrude Ann Huisman, A.B. (Calvin College) Grand Rapids, Mich.
Field of Specialization: Music
- Robert Suddards Joyce, B.A. (University of Maine) Portland, Me.
Field of Specialization: Speech
- *Sharon Lee Kabelac Cleveland
Field of Specialization: English
- George A. Kalligeros, B.A., B.S. in Ed. (Bowling Green State University)
 Newark
Field of Specialization: Education
- Robert Allen Keenan, A.B. (Allegheny College) Marion
Field of Specialization: Speech
- David Hale Kibler, A.B. (University of Michigan) Mansfield
Field of Specialization: History
- George Carl Kosbab, B.Sc. in Edu. Sandusky
Field of Specialization: Education
- Larry Lester Kramer, B.A. Newark
Field of Specialization: English
- Kanwal Kumar, B.A. (Panjab University) Hissar, Punjab, India
Field of Specialization: Economics

* Two degrees

- David Mason LePan, A.B. (Denison University) Cleveland
Field of Specialization: History
- James Robert Luikart, B.Sc. in Edu. Newark
Field of Specialization: Education
- John Stewart MacInnis, B.A. (Kenyon College) Oklahoma City, Okla.
Field of Specialization: Economics
- Robert Jack Malone, B.S. in Ed. (Muskingum College) Columbus
Field of Specialization: Education
- Thomas Joseph McCormick, B.A., B.Sc. in Edu. Columbus
Field of Specialization: Education
- Robert Paul Miller, A.B. (Glenville State College, West Virginia) . . . Galion
Field of Specialization: Education
- Wesley Carrol Miller, B.S. (Central Michigan University) Columbus
Field of Specialization: Education
- Allan Reed Millett, B.A. (DePauw University) Oxford
Field of Specialization: History
- Edwin Lewis Morse, A.B. (Wittenberg University) . . Wildwood Crest, N. J.
Field of Specialization: Psychology
- Myron Jay Mumaw, B.Sc. in Edu. Dalton
Field of Specialization: Education
- William Grandon Myers, B.S. (College of William and Mary) Columbus
Field of Specialization: Education
- Marilyn Boyd Neidig, B.S. in Ed. (Wittenberg University) Marion
Field of Specialization: Education
- Mary Juliette Noone, B.Sc. in Edu. Columbus
Field of Specialization: History
- Silvano W. Onyango Ogessa, B.A. (DePauw University) Nairobi, Kenya
Field of Specialization: Geography
- Gerald Eugene Patterson, B.S. in Ed. (Miami University) Lodi
Field of Specialization: Education
- Sonia Phipps, B.Sc. in Edu. Oberlin
Field of Specialization: Speech
- Samuel Frank Pisano, A.B. (San Jose State College) Sunnyvale, Calif.
Field of Specialization: Psychology
- John William Pryer, B.Sc. in Edu. Gomer
Field of Specialization: Music
- Zuhni Rafat Qebewey, B.Sc. (Cairo University) Amman, Jordan
Field of Specialization: Education
- Patricia Cook Rice, B.A. Rochester, N. Y.
Field of Specialization: Sociology (Anthropology)
- Stanford Dean Ruggles, A.B. (Findlay College) Marion
Field of Specialization: Education
- Philroy Samuel Sigler, B.A. (Youngstown University) New Castle, Pa.
Field of Specialization: History
- David Lionel Smith, A.B. (Denison University) Akron
Field of Specialization: Economics
- Judith Jean Smith, B.A. (Milwaukee-Downer College) Phoenix, Ariz.
Field of Specialization: Art

- Florence Byrd Stevenson, B.A. (University of Arkansas) . . . Little Rock, Ark.
Field of Specialization: Education
- Jean Felix Taylor, B.F.A. Columbus
Field of Specialization: Art
- Allen William Valcov, B.A. Columbus
Field of Specialization: Psychology
- William Lee Van Wormer, B.S. in Ed., B.A.A. (University of Cincinnati)
Columbus
Field of Specialization: Education
- Margaret Vida, B.S.Ed. (Ohio University) Lorain
Field of Specialization: Home Economics (Education)
- Linda Kay Wagenhals, B.A. Canton
Field of Specialization: Sociology
- Theodore Norman Wattron, B.A. (Anderson College, Indiana) Marietta
Field of Specialization: Political Science
- Allan Brooke Wetzel, B.S. (University of Kentucky) Columbus
Field of Specialization: Psychology
- Jane Ann Craig Wilson, B.A. (College of Wooster) Columbus
Field of Specialization: Physical Education
- John Myron Wilson, A.B. (Capital University) Columbus
Field of Specialization: History
(Seventy candidates)

Master of Business Administration

- David McKay Bell, B.Sc. in Bus. Adm. Columbus
Field of Specialization: Business Organization
- Frank Williamson Denzel, B.I.E. (General Motors Institute) Columbus
Field of Specialization: Business Organization
- Burhan Cahit Dogangun. Columbus
Field of Specialization: Business Organization
- Gerald Howard Dombcik, B.Sc. in Bus. Adm. Cleveland Heights
Field of Specialization: Business Organization
- David G. Dowds, B.Sc. in Bus. Adm. Urbana
Field of Specialization: Business Organization
- Weldon Eugene Ihrig, B.E.E. Bryan
Field of Specialization: Business Organization
- Laurence Wile Jacobs, B.S. (University of Pennsylvania) Columbus
Field of Specialization: Business Organization
- John Theodore Lieser, Jr., A.B. (Denison University) Shaker Heights
Field of Specialization: Business Organization
- Howard Kenneth Pedigo, B.S. (Rose Polytechnic Institute) Kettering
Field of Specialization: Business Organization
- B. Linn Soule, B.S.E. (E.E.) (University of Michigan) Dayton
Field of Specialization: Business Organization
- Paul Ronald Stephenson, B.S. in Bus. (Indiana University)
Leavenworth, Ind.
Field of Specialization: Business Organization
- William Arthur Wentz, B.I.E. Canton
Field of Specialization: Business Organization
(Twelve candidates)

Master of City Planning

Leerie Ross Summers, B.S., M.A. (Kent State University) . . . Worthington
Field of Specialization: Architecture (City Planning)
(One candidate)

Master of Education

Sara Nancy Neu Ferbrache, B.S. in Edu. (Miami University) ..Georgetown
Field of Specialization: Education

Robert Anderson Youtz, A.B. (Oberlin College) Columbus
Field of Specialization: Education
(Two candidates)

Master of Science

Judith Ann Bancroft, B.S. in N. (University of Pittsburgh) Sylvania
Field of Specialization: Nursing

Ronald Dale Baxter, B.E.E. Worthington
Field of Specialization: Electrical Engineering

Gereld Stokes Benner, B.S. in Chem. (University of North Carolina)
Columbus, N. C.
Field of Specialization: Chemistry

Amar Nath Bhattacharya, B.V.Sc. (Bengal Veterinary College)
Calcutta, India
Field of Specialization: Pharmacology

Nancy Thornton Bird, B.S. in Ed. (West Virginia State College, Institute)
St. Albans, W. Va.
Field of Specialization: Zoology

John David Birle, B.Ch.E. Columbus
Field of Specialization: Chemical Engineering

John William Bloemer, B.S.M.E. (Purdue University) . . . Indianapolis, Ind.
Field of Specialization: Mechanical Engineering

James Willard Bradley, B.W.E. Marysville
Field of Specialization: Welding Engineering

Patrick Francis Brady, B.E. (National University of Ireland)
Navan, County Meath, Ireland
Field of Specialization: Civil Engineering

Bruce Allan Butcher, B.Sc. Columbus
Field of Specialization: Physiological Chemistry

John Thomas Cammett III, B.Met.E. Mason
Field of Specialization: Metallurgical Engineering

James Thomas Campbell, B.A. (Ohio Wesleyan University) Dayton
Field of Specialization: Electrical Engineering

Keith Ross Carver, B.S. in E.E. (University of Kentucky) ..Russellville, Ky.
Field of Specialization: Electrical Engineering

Philippe Lucien Pascal Charpentier. Calvados, St. Samveur, France
Field of Specialization: Metallurgical Engineering

- David Alan Chatfield, Met.Engr. (University of Cincinnati) Lancaster
Field of Specialization: Metallurgical Engineering
- Mary Elizabeth Cipriano, B.Sc. in Nurs. Ravenna
Field of Specialization: Nursing
- Kenneth Irving Clayton, B.S. in C.E. (Drexel Institute of Technology)
Columbus
Field of Specialization: Engineering Mechanics
- Karl Vernon Clemons, Jr., B.Sc. in Agr. Bryan
Field of Specialization: Agricultural Economics and Rural Sociology
- Mary Newlin Cline, B.Sc. in Nurs. St. Clairsville
Field of Specialization: Nursing
- Robert Glen Clodfelter, B.M.E. (University of Dayton) Dayton
Field of Specialization: Mechanical Engineering
- John Charles Corbin, Jr., B.E.E. (Cornell University) Dayton
Field of Specialization: Electrical Engineering
- John Edward Craine, B.Sc. in Agr. Xenia
Field of Specialization: Agricultural Education
- Suzanne Donohoe Croci, B.Sc. in Nurs. Zanesville
Field of Specialization: Nursing
- Nalinkant Chunilal Damani, B.Sc. (Hons.) (University of Bombay);
 B.Pharm. (Gujarat University) Bombay, India
Field of Specialization: Pharmacy
- William Donald Davies, B.S.A. (Purdue University) Cincinnati
Field of Specialization: Zoology
- Robert Elden Davis, B.S. in M.E. (Ohio Northern University) . . . Columbus
Field of Specialization: Engineering Mechanics
- Warren Lee Davis, B.S. (Pennsylvania State University) . . Eatontown, N. J.
Field of Specialization: Physics
- William Howard Decker, B.S. (Heidelberg College) Barberton
Field of Specialization: Chemistry
- Benjamin Anthony DeGraff, Jr., B.A. (Ohio Wesleyan University)
Cuyahoga Falls
Field of Specialization: Chemistry
- David William Denning, B.C.E. Columbus
Field of Specialization: Civil Engineering
- Thomas Edgar Dum, B.Sc. in Agr. Columbus
Field of Specialization: Agricultural Economics and Rural Sociology
- Duane Maximilian Duman, B.A. (Saint Vincent College, Pennsylvania)
Latrobe, Pa.
Field of Specialization: Physics
- John Jude English, B.S. in E.E. (Christian Brothers College, Tennessee)
Berwyn, Ill.
Field of Specialization: Electrical Engineering
- Robert Edward Eppich, B.Met.E. Cleveland Heights
Field of Specialization: Metallurgical Engineering
- David Joseph Gill, B.S. (Case Institute of Technology) Cuyahoga Falls
Field of Specialization: Mathematics
- Bruce Clair Graber, B.A.A.E. Leavittsburg
Field of Specialization: Aeronautical and Astronautical Engineering

- Claire Lauffer Grabovez, B.S. in Nurs. (Capital University) ..Newton Falls
Field of Specialization: Nursing
- Judith Bartlett Graves, B.Sc. in Nurs.....Mt. Vernon
Field of Specialization: Nursing
- Myers Giffen Hammond, B.Ch.E.....Jacobsburg
Field of Specialization: Chemical Engineering
- Cristy Ramos Hernandez, B.Sc. (University of the Philippines)
Pasay, Philippines
Field of Specialization: Geodetic Science
- *Del William Heuser.....Mentor
Field of Specialization: Industrial Engineering
- Jaime Hidalgo-Ebel.....Santiago, Chile
Field of Specialization: Dairy Technology
- Carol Robinson Hopkins, B.A. (Ohio Wesleyan University)Columbus
Field of Specialization: Mathematics
- Lucy Tracy Hosterman, B.A. (Lake Erie College)Columbus
Field of Specialization: Home Economics
- William Richard Huber III, B.S. in E.E. (University of Pittsburgh)
Johnstown, Pa.
Field of Specialization: Electrical Engineering
- Margaret Summers Keeler, B.Sc. in Nurs.....Cleveland
Field of Specialization: Nursing
- Donald Eugene Kimmet, B.Sc. in Agr.....Bluffton
Field of Specialization: Agricultural Economics and Rural Sociology
- Stanley Bernard King, B.A. (Goshen College)Goshen, Ind.
Field of Specialization: Botany and Plant Pathology
- Harold Jacob Knecht, B.E.E. (University of Detroit)Williamsport
Field of Specialization: Electrical Engineering
- Tatsuo Kondo.....Tokai, Ibaraki, Japan
Field of Specialization: Metallurgical Engineering
- Walter Kruppa, B.S. in E.E. (University of Akron)Akron
Field of Specialization: Electrical Engineering
- Richard Edward Lawrie, B.E.E. (University of Dayton)Columbus
Field of Specialization: Electrical Engineering
- Andrew Paul Lechler, B.S. in Ed. (Otterbein College)Cincinnati
Field of Specialization: Mathematics
- Arthur Solomon Mangaroo, B.S. (Agricultural and Technical College
of North Carolina).....St. Catherine, Jamaica, W. I.
Field of Specialization: Agronomy
- Jerry Marvin Mann, B.S. (Ohio University)Portsmouth
Field of Specialization: Microbiology
- Saburo Matsumoto, B.Sc. (Keio University)Kawasaki, Japan
Field of Specialization: Chemistry
- Judith Ellen Mehrling, B.Sc. in Med.Tech.....Columbus
Field of Specialization: Pathology
- Ajitkumar Virchand Mehta, B.Chem.E. (University of Bombay)
Bombay, India
Field of Specialization: Chemical Engineering

* Two degrees

- Joseph A. Mekush, B.S.C.E. (Ohio Northern University)Sycamore
Field of Specialization: Civil Engineering
- Joseph John Mendel, B.S.F. (University of Michigan)Columbus
Field of Specialization: Agricultural Economics and Rural Sociology
- Stanley Asher Metelko, B.Ch.E.Newark
Field of Specialization: Chemical Engineering
- Siegfried Mikuteit, B.Sc. in Phys.Columbus
Field of Specialization: Electrical Engineering
- Michael Murray Mitchell, B.Sc.Fresno, Calif.
Field of Specialization: Geodetic Science
- Gerald Prescott Morie, B.S. (Central Missouri State College)
Wellsville, Mo.
Field of Specialization: Chemistry
- Edmond Oliver Moulin, B.S. (University of Connecticut) . . .Dayville, Conn.
Field of Specialization: Horticulture
- John Stephen Munzinger, A.B. (Gettysburg College)Lansdale, Pa.
Field of Specialization: Zoology
- Zoltan Nemeth, Ing. Civil (Technical University of Budapest, Hungary)
Columbus
Field of Specialization: Civil Engineering
- Dale Edward Niesz, B. Cer. E.East Sparta
Field of Specialization: Ceramic Engineering
- Nancy Nolan, B.Sc. in Nurs.Athens
Field of Specialization: Nursing
- Arthur Harold Norberg, B.S.Ed. (Ohio Northern University) Lowellville
Field of Specialization: Zoology
- Enoch Ifeanyi Nwizu, B.Sc. (University of London, England)
Aba, Nigeria
Field of Specialization: Mechanical Engineering
- Alma Joanne Porter, B.Sc. in Nurs.Gallipolis
Field of Specialization: Nursing
- Mary Martha Rader, B.Sc. in Nurs.Franklin Furnace
Field of Specialization: Nursing
- Dindial Vernon Ramsamooj, B.Sc. (Engr.) University of London,
England)Georgetown, Br. Guiana
Field of Specialization: Civil Engineering
- Juris George Raudseps, B.S.E. (Princeton University)Columbus
Field of Specialization: Electrical Engineering
- Joseph Oldknow Reebel, A.B. (Miami University)Lakewood
Field of Specialization: Mathematics
- Audree Whitford Reynolds, B.Sc. in Nurs.Sandusky
Field of Specialization: Nursing
- Gilbert McCoord Rodgers, B.E.E. (Union College, New York)
Pittsford, N. Y.
Field of Specialization: Electrical Engineering

- Ajit Kumar Saini.....Hoshiarpur, Punjab, India
Field of Specialization: Electrical Engineering
- Carl Joseph Scharfenberg, B.Sc. in Agr.....Bedford
Field of Specialization: Horticulture
- Robert Conrad Schwyn, B.Sc.....Toledo
Field of Specialization: Anatomy
- Everett Lee Shaffstall, B.E.E.....Marion
Field of Specialization: Electrical Engineering
- Ervin Edson Shannon, B.S. in B.A. (Kansas State University of
Agriculture and Applied Science); B.E.E.....Columbus
Field of Specialization: Electrical Engineering
- John Edward Shirey, B.S. (Saint Vincent College).....Greensburg, Pa.
Field of Specialization: Chemistry
- Wilbur Howard Sidner, B.Ch.E.....Genoa
Field of Specialization: Chemical Engineering
- Larry Dean Siebert, B.E.E.....Celina
Field of Specialization: Electrical Engineering
- Wilbur Cameron Simmons, B.S. (Clemson Agricultural College)....Dayton
Field of Specialization: Ceramic Engineering
- Baidya Nath Sinha.....Patna, Bihar, India
Field of Specialization: Veterinary Parasitology
- Ralph Slusher, D.V.M.....Columbus
Field of Specialization: Veterinary Surgery (Radiology)
- David William Smith, B.Cer.E.....Galion
Field of Specialization: Ceramic Engineering
- Jack Sherman Stanton, D.V.M. (Agricultural and Mechanical College of
Texas).....Ozona, Tex.
Field of Specialization: Veterinary Medicine
- David Eugene Stilwill, B.A.....Canton
Field of Specialization: Microbiology
- Bruce Gilbert Strickland, B.Ch.E.....Columbus
Field of Specialization: Chemical Engineering
- Ellis Daniel Verink, Jr., B.S. in Met. E. (Purdue University)....Columbus
Field of Specialization: Metallurgical Engineering
- Barbara Ann Warchol, B.Sc. in H.E.....Toledo
Field of Specialization: Home Economics
- Lynn Taylor Wells, B.S. in Mech. Eng'g. (University of Utah)
Salt Lake City, Utah
Field of Specialization: Engineering Mechanics
- Raymond Eugene Whitacre, B.E.E.....Winona
Field of Specialization: Electrical Engineering
- Dwight Stanley Whittemore, B.Cer.E.....Natick, Mass.
Field of Specialization: Ceramic Engineering
- Douglas Alden Wille, B.S. (City College of New York).....Dayton
Field of Specialization: Physics

(Ninety-nine candidates)

Master of Social Work

- Robert Arthur Rundle, B.S. (Purdue University).....Cincinnati
Field of Specialization: Social Work
(One candidate)

CANDIDATES FOR TWO DEGREES

- Alvin Richard Bell.....Arlington
Bachelor of Arts
Bachelor of Science in Education
- Joan Rosalind Cohen.....Rochester, N. Y.
Bachelor of Arts
Bachelor of Science in Education
- Del William Heuser.....Mentor
Master of Science
Bachelor of Industrial Engineering
- Sharon Lee Kabelac.....Cleveland
Master of Arts
Bachelor of Arts (summa cum laude)
- Charles Edward Walker.....Columbus
Bachelor of Science in Education
Bachelor of Music

(Five candidates)

COLLEGE OF AGRICULTURE AND HOME ECONOMICS

Dean: ROY M. KOTTMAN

Bachelor of Science in Agricultural Biochemistry

David Harry Maxfield..... Loveland
(One candidate)

Bachelor of Science in Agriculture

Charles William Adams, Jr..... Columbus
Lawrence Gustav Anderson, Jr..... Jefferson
Robert Dale Baughman..... Carroll
Bruce Daniel Beard..... Mt. Gilead
Jerry Willard Berg..... Dalton
Gary Lee Bowser..... Clyde
Thomas Dean Brant..... Columbus
Roland Arthur Brockway..... Perry
Richard Arlen Browning..... New Concord
Thomas Lynn Cady..... Cuyahoga Falls
Dale Clodfelter..... Columbus
Phillip Stanley Clouse..... Columbus
Sara Patch Cooley..... Cleveland
Jerome William Donovan, Jr..... Delaware
Gayle Kent Grimes..... Greenville
James Hamilton Grooms..... Galion
Larry Eugene Hale..... Mansfield
Charles Roger Hamrick..... Columbus
Walter Edward Henry..... Zanesfield
James Edward Jefferis..... Lakewood
Raymond Felix Jezerinac..... Columbus
Oscar William Jutte..... Fort Recovery
George Thomas Kaiser..... Columbus
David Albert Koch..... Rockford
Neal Val Leimbach..... Berlin Heights
Hans Leon Markland..... Ludlow Falls
Donald Orin McAllister..... Carrollton
James Stewart McCoy..... Wooster
Robert Eugene McNall..... Kenton
Irving Lee McPhail..... Gambier
George David Myers..... Grove City
Bernard Ray Nirode..... Wooster
James Leonard Osborn..... Hillsdale, N. Y.
James Walter Patterson..... Bainbridge
Gary Benjamin Price..... Bowerston
Donald Charles Reicosky..... East Sparta
John Griffin Roberts..... Hilliard
Robert Dale Rufenacht..... Archbold
George Edward Ruff..... Columbus
Richard Lee Shew..... Massillon
Gary Alvin Swigart..... Covington
Donald Keith Taylor..... Xenia
Ward Murrey Teters..... Cambridge
Richard Thomas Thompson..... Wilmington
Gerald Roger Tussing..... Reynoldsburg

Ralph Allen Vanzant.....Bainbridge
 David John Wengert.....Walbridge
 John Potee Whitney.....West Mansfield
 Clement Orville Wright.....Baltimore

(Forty-nine candidates)

**Bachelor of Science
 in Food Technology**

Kenneth Eugene Davis.....Xenia
 Frank Theodore Orthoefer.....Gahanna

(Two candidates)

SCHOOL OF HOME ECONOMICS

**Bachelor of Science
 in Home Economics**

Nancy Allen.....Dayton
 Catharine Wheaton Atkinson.....Cincinnati
 Rosemary Barnhart.....New Carlisle
 Suzanne Bratton.....Delta
 Mary Geraldine Brauner.....Columbus
 Carolyn Elizabeth Burwell.....Columbus
 Vicki Nelle Champagne.....Columbus
 Sonia Sue Cook.....Clyde
 Janet Lee Daily.....Columbus
 Helen Mandt Dennis.....Columbus
 Jane Weingartner Flannery.....New Castle, Pa.
 Patricia Ann Gallant.....Ironton
 Bonnie Suzanne Green.....Miami Shores, Fla.
 Kathryn Frances Grimshaw.....Worthington
 Judith Lee Hill.....Kingston
 Joanna Hunsinger Kister (cum laude).....Williamsport
 Janet Louise Knoop.....Fletcher
 Mary Ann Farley Lindberg.....Peoria, Ill.
 Patricia Hockenberry Nelson.....New Kensington, Pa.
 Patricia Snyder Nicolette.....Columbus
 Carol Doris Niesz.....East Sparta
 Patricia Reichley Olson.....St. Clairsville
 Carole Lee Puestow (cum laude).....Oak Harbor
 Jane Louise Robinson.....Sidney
 Luanna Rockwell.....Barnesville
 Beverly Kihlken Ruff.....Port Clinton
 Sandra Lorna Scott.....Columbus
 Carole Baxter Tisdale.....Lorain
 Alice Mae Tommas.....Bellevue
 Laura Louise Vetter.....Custar
 Anne Cecelia Young.....Toledo

(Thirty-one candidates)

**Bachelor of Science
 in Restaurant Management**

Fred John Heigel.....Rochester, N. Y.

(One candidate)

COLLEGE OF ARTS AND SCIENCES

Dean: J. OSBORN FULLER

Bachelor of Arts

James Harold Allison.....	Columbus
John Paul Anders.....	Toledo
Janet Kay Baker.....	Newark
Linda Lou Barnes.....	Springfield
Linda Louise Barnett.....	Cleveland
*Alvin Richard Bell.....	Arlington
Jeffrey Byron Bender.....	Columbus
Nellie Louise Bertsch.....	Akron
John Wayne Boyce.....	Shelby
Thomas Allen Brennan.....	Bay Village
Dolores Kalenchitz Bumcrot.....	Columbus
Judith Rataiczak Carson.....	Bryan
Brian Dennis Cinco.....	Euclid
Thomas Grant Clayton.....	Maplewood
Ellen Mary Clifford.....	Columbus
*Joan Rosalind Cohen.....	Rochester, N. Y.
John Clarke Cuddy.....	Columbus
Millicent Davis.....	Jackson
Sidney Ellsworth Dowd, Jr.....	Canton
Nancy Ellen Drake (summa cum laude).....	Columbus
Susan Ann Eshelman.....	Newark
Eden S. Feldstien.....	Toledo
David Edward Foster.....	Worthington
Lynda Friedlander.....	Purcellville, Va.
Barbara Lynn Gearhart.....	Danville, Ky.
Stuart Andrew Gillett.....	Forest
Dale Horton Gleason.....	Columbus
Walter Lear Gordon III.....	Los Angeles, Calif.
Joan Anton Gounaris.....	Dayton
Jerry Wayne Hamill.....	Columbus
Isabelle Maye Harner.....	New Vienna
Karl Kirke Harper.....	Bremen
Judith Kay Hazen.....	Mansfield
David Ellsworth Highman, Jr.....	Woodsfield
Robert Lewis Hillis.....	Columbus
Robert Alan Jenkins.....	Columbus
Suellen Johnson.....	Logan
*Sharon Lee Kabelac (summa cum laude).....	Cleveland
Erlin Sue Kellerman.....	Cincinnati
Alexander Stephen Kocsis.....	Columbus
Stephen Augustine Kroflich.....	Bridgeport
Robert Jay Liff.....	Dayton
Paul Nathan Mathless.....	Columbus
Arlene Lillian Mazzei.....	Cleveland
Mary Susan McClelland.....	Columbus
Ronald Foster Meier.....	Columbus
Adrienne Beth Meldon.....	Shaker Heights
Douglas Dale Mincks.....	Wapakoneta
Terrence Michael Murphy.....	Rocky River
Barbara Lynne Nelson.....	Avon Lake
Ronald Drake Osborne.....	Columbus

* Two degrees

Judith Hale Perkowski.....	Dayton
Frederick Henry Posey.....	Columbus
Marshall Pura.....	Jersey City, N. J.
Jean Converse Rapp.....	Leetonia
Ronald Lee Redmon.....	Columbus
Donald Herbert Reese.....	Worthington
Larry Eugene Reinhart.....	Columbus
Gerald Bangham Ross.....	Columbus
Terry Lee Ross.....	Antwerp
Thomas Tod Ross.....	Alexandria
Nancy Catherine Rossman.....	Franklin
Laurence Stephan Scafuro, B.Sc. in Edu.....	Ashtabula
Lucy Tandy Seall.....	Wilberforce
Bonnie Karin Shields.....	Youngstown
Cynthia Hope Shoemaker.....	Cleveland
Emily Irene Sitterley.....	Columbus
Edward Bingham Smith.....	Berea
Lila Kay Smith, B.Sc. in Edu.....	Knox, Ind.
Harold Norman Snow, Jr.....	Newark
Lloyd Daniel Stanford.....	Canton
John Floyd Steele.....	Chagrin Falls
Victoria Gillespie Stevens.....	Dublin
Allen Jerome Swaim, LL.B. (Ohio Northern University).....	Columbus
Edward Ronald Taylor.....	Cleveland
Diane Elaine Tefft.....	Columbus
Bruce Alan Thomas.....	Middletown
James Ernest Thompson, Jr.....	Columbus
Elaine Marie Tonti.....	Columbus
Lewis Mallory Webb III.....	Cincinnati
Clifford Eric Zehner.....	Bellevue
Robert Curtis Zschoche.....	Columbus

(Eighty-two candidates)

Bachelor of Science

Glenn Richard Baker.....	Columbus
Benjamin Cowen Barlow.....	St. Clairsville
Robert Stephen Bausch.....	Ross
Richard Eugene Beck, B.Sc. in Opt.....	Columbus
Gary Ned Bokerman.....	Wauseon
Thomas Edward Braidech.....	Shaker Heights
Charles Henry Claibourne.....	Wilmington
Melvin Conley, Jr.....	Zanesville
Patricia Eileen Danford.....	Bellaire
James Richard Davis, Jr., B.S. in Agric. (Rutgers University)	White Plains, N. Y.
Dennis Brian Fitzpatrick.....	Columbus
Ann Adkins Gunderson (cum laude).....	Plain City
Peter John Hillmann, Jr.....	Lakeland, Fla.
Thomas Emrys James, Jr.....	Vienna
Mark Phillip Kossoff.....	Columbus
Edward Julian Krakivsky.....	Calgary, Alta., Canada
Hobert Lee Pence.....	Dayton
Alan Leroy Pettit.....	Burr Oak, Kans.
Louis Robert Polster.....	Columbus
Jay Lloyd Press.....	West Collingswood, N. J.
David Ellis Radebaugh.....	Lima

Lawrence Austin Raymond, Jr.....	Springfield
Melvin Robert Rooch.....	Gambier
Edward Leon Sharp.....	Union City
Vivian Lucht Sinnett.....	Columbus
Donald Duane Solter, Jr.....	Wichita, Kans.
Kenneth Dale Swonger.....	Sidney
Marlon Guy Thomas.....	Andalusia, Ala.
William Lindsey Thompson.....	Dublin
Kay Ward Todd (cum laude).....	Cincinnati
Charles Philip Wack.....	Lisbon
Simha Weissman.....	Tel-Aviv, Israel
Donald Richard Whalen.....	Cleveland
Margaret Catherine Wiss.....	Columbus
Hesham Kamal Yakteen.....	Columbus

(Thirty-five candidates)

**Bachelor of Science
in Medical Technology**

Jolee Ann Carlson.....	Worthington
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(One candidate)

SCHOOL OF JOURNALISM

Bachelor of Arts

John Hewitt Andrus II.....	Camden, N. J.
James Way Babcock.....	Sidney
Geraldine Ann Javor.....	Lorain
Edward Hammond Keys.....	Columbus
Rina Racov Marks.....	Cleveland
Jessie Wile Stern.....	Columbus
Barry Stanley Zwick.....	University Heights

(Seven candidates)

SCHOOL OF OPTOMETRY

**Bachelor of Science
in Optometry**

Robert Orville Burris.....	Washington C. H.
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(One candidate)

COLLEGE OF COMMERCE AND ADMINISTRATION

Dean: JAMES R. McCoy

Bachelor of Science in Business Administration

Robert Edward Anderson.....	Cleveland
Windsor Lynn Anderson.....	Vienna
Bruce Lee Archinal.....	Mineral City
Richard Stone Ayres (cum laude).....	Binghamton, N. Y.
Joann Louise Bahn.....	Columbus
Jack William Bernstein.....	Columbus
Robert Charles Betz.....	Columbus
John Joseph Big.....	South Amherst
Jerry Allen Boerger.....	Ft. Wayne, Ind.
William Harvey Borton.....	Wilmington
Donald Wilbur Branson.....	Zanesville
James Leonard Brissenden.....	Columbus
Jarrett Bruce Brofsky.....	North Miami Beach, Fla.
Barry Landis Brown.....	Clyde
Barry Gene Burge.....	Lorain
Frank Mitchell Byers.....	Bexley
Gene Edward Cirak.....	Columbus
Girard Anthony Coletta.....	Columbus
Dale Roger Coon.....	Lima
Richard Cecil Croll.....	Bowling Green
Roger Lewis Cross.....	Marion
David Lloyd Cutter.....	Auburn, Me.
John Day Ellis.....	Mt. Vernon
Robert Glenn Ferree.....	Massillon
Martin Alan Fishman.....	University Heights
Richard William Flock.....	Bucyrus
Joseph Bruce Ford.....	Benton, Ark.
Donald Lawrence Fox.....	Columbus
Richard Pedigo Fox.....	Loveland
David Ardven Gaston.....	Columbus
Alexander Martin Gear.....	Columbus
Michael David Glaser.....	University Heights
Jerrold Lee Goldstein.....	Shaker Heights
William Paul Gue.....	Columbus
Fred George Gunderson.....	Columbus
Jerome Barry Gurev.....	South Euclid
Thomas Evan Hammer.....	Columbus
William Taylor Hawkins.....	Columbus
Harvey Richard Hendler.....	Canton
Richard Downey Henley.....	Worthington
George Eugene Hurn II.....	Conneaut
Joseph Leonard Huth.....	Bolivar
Morton Lawrence Jeffery.....	Worthington
Virginia Ann Johnson.....	Racine
Gary Robert Kinsella.....	Sidney
James Albert Kisling.....	Columbus
Raymond C. Krstolic.....	Mentor
Lanny Edward Lamm.....	Chillicothe
James William Lanning.....	Logan
Michael Jay Leach.....	Columbus
Carl Alan Linscott.....	Columbus

John Philip Lowman.....	Worthington
Robert Harold Marhover.....	East Canton
John Clark May.....	Cincinnati
Roger Williams McDaniel.....	Richwood
Clyde Allen Miller.....	Columbus
Joe Merle Miller.....	Wooster
John Ruffner Montgomery.....	Columbus
Robert William Montgomery, Jr.....	Sandusky
Paul Andrew Nitschke.....	Columbus
John Loring Noble.....	Columbus
Ronald William Ochsenwald.....	Columbus
William James Ockington.....	Lakewood
Van Olnhausen.....	Cambridge
John Francis Probasco.....	Somerset
Terry Paul Pugh.....	Columbus
Jack Clifford Roberts.....	Strongsville
Don William Roche.....	Lakewood
Ernest Aloysius Rubadue.....	Columbus
James Phillip Scanlon.....	Columbus
David Lee Schiele.....	Zanesville
Joseph Louis Schott.....	Canton
Gerald Thomas Sexsmith.....	Cleveland
Tasso George Sicaras.....	Columbus
Michael Duard Smith.....	Eaton
Billy Gerald Spence.....	Hamilton
Jack Bryan Spitler.....	Wooster
Larry David Stone.....	Conneaut
David Michael Suter.....	Columbus
Walter Kurt Viertel.....	Canton
Fredrick John Vlaskamp.....	Dayton
James Elden Waugh.....	Lancaster
Robert Lee Weber.....	Columbus
Georgia Ann Welch.....	Shaker Heights
Charles Raymond Wilcox.....	Kenmore, N. Y.
John Joseph Workman.....	Columbus
Richard Russell Wright.....	Columbus
Robert Irvin Yeoman.....	New Holland
Ronald Sterling Young.....	Cleveland
Edward Lee Zink.....	Rocky River

(Ninety candidates)

**Bachelor of Science
in Social Welfare**

Charlotte Ann Boyd.....	Columbus
Toye Lee Brown.....	Columbus
Judith Paulette Hammond.....	Columbus
Rosalyn Kirkel.....	Columbus
Merrilee Ann Meeker.....	Youngstown
Gene Monroe.....	Circleville
Bonnie Slagle Shaffstall.....	Marion

(Seven candidates)

COLLEGE OF DENTISTRY

Dean: WENDELL D. POSTLE

Doctor of Dental Surgery

Edward Henry Elsasser, B.Sc.....Marion
John Frederick Leech, B.Sc.....Columbus
Robert Clyde Tolle, B.S. (Mount Union College).....Canton
Gary Irvin Underwood.....Columbus

(Four candidates)

COLLEGE OF EDUCATION

Dean: DONALD P. COTTRELL

Bachelor of Science in Education

Sharon Judith Aharoni.....	Toledo
Linda Lee Anagnoston.....	Dayton
Donald Fagg Anderson.....	Sapulpa, Okla.
Armand Russell Aufdenberg.....	Cincinnati
Chester Gabriel Bandman, Jr., B.S. (University of Pittsburgh)...	Columbus
John Aden Barlow.....	Columbus
Janet Fay Beam.....	Fostoria
Sharon Preston Beck.....	Columbus
Carolyn Jean Beery.....	Columbus
*Alvin Richard Bell.....	Arlington
Diane Mary Beneville.....	Mountain Lakes, N. J.
Ruth Susan Berenberg.....	Shaker Heights
Betty Jo Blake.....	Sidney
Joyce Ann Brooks.....	Urbana
Susan Cheva Brooks.....	University Heights
Cynthia Davidson Calhoun.....	Homeworth
Patricia Ann Cassidy.....	Springfield
Robert Eugene Cawley.....	Springfield
Irene Dagsy Celec.....	Middletown
Hale Wright Clark.....	Cincinnati
*Joan Rosalind Cohen.....	Rochester, N. Y.
Shirlee Rose Conley.....	Roanoke, Va.
Floyd Allen Culver.....	Upper Sandusky
Lynda Sue DeMuth.....	Hicksville
Donald Emanuel Deutsch.....	East Cleveland
Thomas Harry Dexter.....	Lakewood
Susan Porter Eaker.....	Columbus
Audrey Marie Ekey.....	Bloomington
Cornelia Marian Ernst.....	Piqua
Mary Louise Evans.....	Upper Sandusky
Myron Herman Eversman.....	Botkins
Rita Kathryn Farley.....	West Portsmouth
Bruce Allen Farquharson.....	Perrysburg
David Lynn Fenner.....	St. Johns, Mich.
Rita Phyllis Fidler.....	Cleveland Heights
Lois Carole Finkel.....	Wellington
Donna Rae Fleshman.....	New Richmond
Shirley Louise Fryer.....	Lakewood
Lawrence Francis Galm.....	Fairport Harbor
Judith Ann Gillette.....	Lima
John Michael Gilligan.....	Goshen
Robert Baker Glazier.....	Coshocton
Alice Barnes Goergen.....	Berea
Rachel Shapiro Gold, B.A.....	Columbus
Judith Diane Gooding.....	Columbus
Janet Fultz Guitry (cum laude).....	Columbus
Michael Rea Harris.....	Baltimore, Md.
Marilyn Lou Hartman.....	Wadsworth
Thomas Hazen Hauman, B.A.....	Toledo
Budd Gordon Hegele.....	Urbana

* Two degrees

Nancy Prutton Hegele..... Bay Village
 Carolyn Lacey Heine..... Ashley
 Ayleen Elizabeth Hiit..... St. Louis, Mo.
 Beverly Ann Hintz..... Cleveland
 Corita Hittson..... Columbus
 Lee Holland..... West Jefferson
 Richard Earl Holtz, Jr..... Cleveland
 Leona Phillips Housden..... Columbus
 Charlou Dambach Howald..... Worthington
 Robert Markham Howland..... Ashtabula
 Janice Stoltz Hummell..... Columbus
 Mary Emily Humphreys..... Columbus
 James Paul Hunt..... Parma
 Joseph Clarence Hunter..... Fairborn
 Flora Beans Jackson..... New Philadelphia
 Natalie Lehrner Jaffe..... Cincinnati
 Mary Jo Jarosi..... Toledo
 Nancy Lee Jensen..... Warren, Pa.
 Janet Kay Johns..... St. Marys
 Roger Lee Johnson..... Springfield
 Barbara Marie Ann Jones..... Newark
 Susan Kay Jones..... Columbus
 James Edward Kasik..... Maple Heights
 Susan Jane Kattman..... St. Marys
 Myrna Axelrod Keillin..... Alliance
 Alan Hathaway Kent..... Defiance
 Linda Amy Kimball..... Dayton
 Linda Mae Kipp..... Dayton
 Paul Franklin Kuder, A.B. (Capital University)..... Cattaraugus, N. Y.
 John Paul Latham..... Columbus
 Larry Gerlach Leese..... Columbus
 Yvonne Roscoe Lenart..... Columbus
 Elliot Richard Levine..... University Heights
 Bernard Wesley Lincicome..... Roseville
 Karen Sylvester Long..... Bath
 Carol Freshwater Manchester..... North Lewisburg
 Sharon Dee Mandel..... Cleveland
 Joy Gustin Matteson..... Columbus
 Karen June Maul..... Dayton
 Geraldine Higham McClain..... Marion
 George Arthur McCoy..... Alliance
 John Jay McDonald..... Dayton
 Sally Gamertsfelder McDonald..... Fostoria
 Bernice McGee..... Columbus
 Michael Lynn McNeal..... Chillicothe
 Charles Anthony Mentel..... Columbus
 Donna Jean Mercer..... Zanesville
 Mary Margaret Merchant..... Marion
 Mary Clarke Michael..... Columbus
 Carol Irene Miller..... Rio Grande
 Gwendolyn Hershberger Miller..... Columbus
 Paul Essner Miller, Jr..... Ashtabula
 Jack Benjimen Needles..... Upper Sandusky
 Carol Sue Noble..... Hebron
 Simone Goodman Nupuf..... Columbus
 Judith Thompson Odell..... Dublin

Carol Cook Owen.....Akron
 Patrick Paul Pacella.....Campbell
 Judith Jacobs Pechaitis.....Wakeman
 Linda Mae Pendy.....Bay Village
 Marlene Christine Pientka.....South Euclid
 Renee Debra Pikkell.....Cleveland Heights
 Lois Applebaum Podolny.....Akron
 Sally Ruth Berenberg Polisner.....Beachwood
 Robert Patsy Porco.....Steubenville
 Harold Robert Povenmire.....Columbus
 Gary Paul Pozsik.....Toledo
 Hannah K. Pruitt.....Lancaster
 Mary Ellen Rayburn.....Marion
 Loretta Seitz Rhyan.....Columbus
 Richard Elwin Rice.....Columbus
 Linda Munitz Rich.....Cleveland
 Don Eugene Riddle.....Chandlerville
 Penelope Miller Riebel.....Columbus
 Charlene Gulker Robenalt.....Ottawa
 Elaine Spike Rocco.....Elyria
 Audrey Dorothea Rogers, B.A.....Akron
 Hannah Rochelle Rotman.....Willoughby
 Barbara Wolf Rudner.....Canton
 Sarah Elizabeth Schloss.....Dayton
 James George Schnapp.....Miamisburg
 Judith Blair Schwertfager.....Fairborn
 Robert Alfred Searles.....Delaware
 Diana Lambert Seebode.....Columbus
 Harriet Seldon.....Dayton
 John Robert Seman.....Columbus
 Shirley Slapin Shagrin.....Cincinnati
 Nancy Elaine Shai.....Zanesville
 Kathleen Ruth Shively.....Akron
 Sally Shrader.....Elmore
 David Irvin Shumaker.....Fostoria
 William Dale Siders.....Hillsboro
 Arthur Joseph Signore, Jr.....Miami Shores, Fla.
 Michael Allen Simpson.....Urbana
 John Byron Skidmore.....Richwood
 Richard Frederick Slater.....Columbus
 Mary Ellen Gaffney Slauson.....Kettering
 Elizabeth Gail Smith.....New Holland
 Lyle Erwin Smith.....Columbus
 Winfred Scott Smith.....Lakewood
 Joyce Coleman Snodgrass.....Steubenville
 Christine Hadley Snyder (summa cum laude).....Clarksville
 Jane Frost Snyder.....Mechanicsburg
 Jack Everhart Sprouse.....Columbus
 Patty Joeline Stegall.....Urbana
 Gladys Estell Stull.....Columbus
 Linda Lucille Suttle.....Rocky River
 Ardell Charlene Swanson.....Cleveland
 Ronald Joseph Taylor.....Columbus
 James Harrison Thomas.....Columbus
 Sue Ellen Thornton.....Wellington
 Priscilla King Travis.....Sunbury
 Catherine Jane Tremain.....Sidney

Sylvia Geyer Tritch.....	Dayton
*Charles Edward Walker.....	Columbus
Eva Lavonne Walter.....	Youngstown
Karen Martin Waple.....	Lima
Anthony Craig Warren.....	Columbus
Bette Brown Washburn.....	Roswell, N. Mex.
Arlene Faye Watkins.....	Groveport
Betty Cronin Webb.....	East Liverpool
Jacquelyn Wheeler.....	Massillon
Dorothy Reese Willis.....	Columbus
Carol Grace Workman.....	Mansfield
Carol Lee Wright.....	Columbus
Mary Estelle Zdonczyk.....	Shadyside
David Ralph Zickafoose.....	Tiffin

(One hundred and seventy-seven candidates)

Bachelor of Fine Arts

Mary Lou Edwards Hamilton.....	Columbus
Georgia Ann Jones.....	Orrville
Fred William Kimble.....	Columbus
Linda Sue Shapiro.....	Baltimore, Md.
Walter Lee Williams.....	Cleveland

(Five candidates)

Bachelor of Music

Richard Lee Bobo.....	Springfield
*Charles Edward Walker.....	Columbus

(Two candidates)

Bachelor of Science in Occupational Therapy

Patricia Davis Babcock.....	Sidney
Mary LeNien Blank.....	Maumee
Marlene Claire Bluestone.....	Cleveland
Mary Lou Waynar Clingan (cum laude).....	Bloomdale
Eileen Frances Schilliger.....	Ashley

(Five candidates)

* Two degrees

COLLEGE OF ENGINEERING

Dean: HAROLD A. BOLZ

Bachelor of Aeronautical and Astronautical Engineering

Darrell Brooke..... Cincinnati
Howard de Havilland Browne..... Valley Stream, L. I., N. Y.
Gerald Gene Wilson..... West Liberty
David Louis Younkin..... Louisville, Ky.

(Four candidates)

Bachelor of Agricultural Engineering

Charles Alvin Jentes..... Wooster

(One candidate)

Bachelor of Chemical Engineering

Fred Allen Shaffstall..... Marion

(One candidate)

Bachelor of Civil Engineering

Mohamed Boualga..... Frenda, Algeria
Dixon Flack Jenkins..... Dayton
Arvids Toms Rolle..... Columbus
Lawrence Baldwin Vogel, B.S. in Bus. Adm. (Bowling Green
State University)..... Carey

(Four candidates)

Bachelor of Electrical Engineering

Frederick Lee Casselman..... Columbus
Fredrik Lee Forsberg..... Cleveland
Frederick George Gebhardt..... Marysville
Richard Jacques Hughes..... Columbus
John Louis Iacobucci..... Cincinnati
William Theodore Kavage..... Tiltonsville
John Sylvester Pelzer..... Cincinnati
Robert Elwin Samson..... Lakewood
Lewis Howard Schmitt..... Columbus
Roger Lee Yeoman..... New Holland

(Ten candidates)

Bachelor of Industrial Engineering

Thomas Ronald Clevinger..... Wheelersburg
Robert Alan Dunton..... Washington C. H.
Michael Leon Fellman..... South Euclid
*Del William Heuser..... Mentor
Jan Olaf Johnson..... Columbus
Donald Emerson Lynd..... Johnstown
Jerry Ray Miller..... Defiance
James Paul Noble, Jr..... Columbus

(Eight candidates)

* Two degrees

Bachelor of Mechanical Engineering

John Sheppard Anderson.....Alexandria
Myron William Gallogly.....Mt. Vernon
Galen Lee Pearson.....Salem

(Three candidates)

**Bachelor of Science
in Physics**

David Lawrence Copen.....Yonkers, N. Y.
Philip Raynor Osmon.....Tiffin

(Two candidates)

COLLEGE OF LAW

Dean: FRANK R. STRONG

Juris Doctor

Helena Jackson Slawewski, B.A. (Wellesley College) Columbus
Charles Brown Voorhis II, B.A. (Pomona College, California) . . Worthington
(Two candidates)

Bachelor of Laws

Robert Perry Bartlett, Jr., A.B. (Denison University) Akron
Thomas Monroe Bolon, A.B. (Lafayette College) Columbus
Kenneth Dale Christner, B.A. Wellston
Peter George Eikenberry, B.A. Cambridge
Don Alan Evans, A.B. (Ohio University) Marion
James Maurer, A.B. (Ohio University) Nelsonville
Edward Slingluff Ormond, B.A. (Brown University) Zanesville
Bernard Raymond Roetzel, B.A. Akron
Jeremiah J. Spires, B.A. (Duquesne University) Lancaster
James Williams Taggart, B.A. (Otterbein College) Wooster
Arthur Charles Tell, B.A. (Dartmouth College) Findlay
Arthur Hudson Thomas, Jr., B.A. (Iowa Wesleyan College) Troy
Charles Willard Wilburn, B.Sc. in Bus. Adm. Chillicothe
Joel Renner Williams, B.A. (Otterbein College) Clayton
(Fourteen candidates)

COLLEGE OF MEDICINE

Dean: RICHARD L. MEILING

SCHOOL OF NURSING

**Bachelor of Science
in Nursing**

Katharine Ann Borges.....	North Olmsted
Christina Leone Haas (cum laude).....	Englewood
Kathryn Ann Hahn.....	Painesville
Rosemary Frances Kleman.....	Ottawa
Joanne Theresa Miller.....	Elyria
Janet Sue Plecha.....	McDonald
Karen Sue Rhoades.....	Lima
Jane Ellen Van Deusen.....	Lorain
Verna Ann Wills.....	Portsmouth

(Nine candidates)

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
NINE HUNDRED AND EIGHTY-SIXTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, January 17, 1964

The Board of Trustees met at its regular monthly meeting on Friday, January 17, 1964, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Thomas F. Patton, Chairman, Smith L. Rairdon, Alan B. Loop, Stanley C. Allyn, John W. Bricker, Carlton S. Dargusch, John G. Ketterer, and Frederick E. Jones.

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Minutes of the last meeting were approved.

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January 17, 1964 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Franz Theodore Stone Laboratory Assigned to
College of Agriculture and Home Economics

The Natural Resources Institute was established and the responsibility for the use of the physical facilities for the Franz Theodore Stone Laboratory was placed under the direction of the Executive Director of the Institute by action of the Board of Trustees on June 13, 1955. Consistent with the present policy of assigning the administrative responsibility for the instructional and research programs of the University to the academic units principally concerned, it has been proposed by Dr. Alfred B. Garrett, Vice President for Research, with the concurrence of the President's Cabinet, that the responsibility for directing the use of the facilities of the Franz Theodore Stone Laboratory located on Gibraltar Island and its ancillary facilities be transferred from the Executive Director of the Natural Resources Institute to the Dean of the College of Agriculture and Home Economics. The courses of instruction and the research programs carried on at the Stone Laboratory are under the academic supervision of the Department of Botany and Plant Pathology and the Department of Zoology and Entomology of the College of Agriculture and Home Economics.

It is therefore recommended that the responsibility for directing the use of the educational facilities of the Franz Theodore Stone Laboratory be assigned to the Dean of the College of Agriculture and Home Economics, effective February 1, 1964. It is understood that the responsibility for the maintenance, care and supervision of the buildings, grounds, boats, and equipment shall remain as at present, under the administrative supervision of the Director of the Physical Plant.

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

B. Honorary Degrees

The Faculty Council on December 17, 1963 recommended that the honorary degree, Doctor of Laws, be conferred on:

Peter H. Odegard

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

Glenn Allen Sonnedecker

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 to be held during the year 1964, or as soon as possible thereafter.

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

January 17, 1964 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Cooperative Extension Service - Personnel Budget
Revision for 1963-1964

On December 30, 1963 Congress approved the Federal appropriation for the Cooperative Extension Service for the 1964 fiscal year as provided in the Smith-Lever Act. It is therefore recommended that the Personnel Budget for the Cooperative Extension Service be increased in the amount of \$121,860.00 above the budget approved by this Board on July 12, 1963. This action will increase the approved Cooperative Extension Service Personnel Budget to \$3,530,362.00 for 1963-64.

Upon motion of Mr. Rairdon, seconded by Mr. Allyn, the Cooperative Extension Service Personnel Budget as revised was approved unanimously by roll call vote, and the Secretary was instructed to record the amendments resulting from this increase on the "Salary Roll" of the Cooperative Extension Service for 1963-1964.

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II. PERSONNEL CHANGES

It is recommended that all personnel changes since the December 13, 1963 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, Retirement, and Leave of Absence With Salary:

A. Appointments

Donald F. Westra, Assistant Dean for Development, College of Medicine, effective April 1, 1964, at a salary of \$18,168.00 per annum.

William K. Delaplaine, Jr., Professor and Extension Specialist, Pest Control, in the Department of Zoology and Entomology and the Cooperative Extension Service, effective February 1, 1964, at a salary of \$12,168.00 per annum.

B. Report of Retirement of Dean Wendell D. Postle, College of Dentistry

President Fawcett announced that he had received a letter from Dr. Wendell D. Postle, Dean of the College of Dentistry, under the date of January 10, 1964, requesting that he be "relieved of the duties of the Deanship on December 31, 1964, but remain on the faculty in a teaching capacity until June 30, 1965," at which time he will retire from the University. This request to be relieved of his duties as Dean is in accordance with the policy of the Board of Trustees concerning retirement of principal administrative officers of the University. President Fawcett further stated that he will appoint a faculty committee from the College of Dentistry pursuant to Rule 13.0301 to select a successor to Dean Postle.

January 17, 1964 meeting, Board of Trustees

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 Agricultural Extension Service for the period indicated:

Doris R. Tupps, Instructor (County Extension Agent, Home Economics) Crawford County, February 1, 1964 through June 15, 1964, for a professional improvement program of study.

Upon motion of Mr. Bricker, seconded by Mr. Jones, the Appointments, Retirement, Leave of Absence With Salary, and the personnel changes 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. #7 - Department of Zoology and Entomology).
Gross Value - \$20,400.00.
- b. Department of Health, Education and Welfare, 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. #8 - Department of Microbiology).
Gross Value - \$9,009.00.
- c. 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. #5 - Department of Anatomy).
Gross Value - \$28,565.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- d. Department of Health, Education and Welfare, Bureau of State Service, Washington, D. C., for an Investigation of Microbiological Aspects of Farm-Pond Water Supplies (to be known as Bureau of State Service Project No. 895 - Ext. #5 - Department of Microbiology).
Gross Value - \$14,882.00.
- e. Department of Health, Education and Welfare, Bureau of State Service, Washington, D. C., for an Investigation of Significance of Spore-Forming Microorganisms in Milk (to be known as Bureau of State Service Project No. 1046 - Ext. #4 - Department of Dairy Technology).
Gross Value - \$13,536.00.
- f. 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. #3 - Department of Medicine).
Gross Value - \$16,080.00.
- g. 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. #3 - Department of Electrical Engineering).
Gross Value - \$100,000.00.
- h. 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. #3 - Department of Veterinary Physiology and Pharmacology).
Gross Value - \$27,264.00.
- i. 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. #3 - Department of Physiological Chemistry).
Gross Value - \$12,696.00.
- j. 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. #3 - Institute of Nutrition and Food Technology).
Gross Value - \$19,764.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- k. Department of Health, Education and Welfare, 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. #3 - Department of Chemistry).
Gross Value - \$28,527.00.
- l. 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 - Ext. #2 - Department of Veterinary Pathology).
Gross Value - \$31,848.00.
- m. Department of the 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. #5 - Department of Physics).
Gross Value - \$6,750.00.
- n. 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. #2 - Department of Physiological Chemistry).
Gross Value - \$17,899.00.
- o. U. S. Army Materiel Command, Harry Diamond Laboratories, Washington, D. C., for an Investigation of Semiconductor Properties Affected by Acceleration (to be known as Harry Diamond Laboratories Project No. 1471 - Mod. #10 - Department of Electrical Engineering).
Gross Value - \$9,000.00.
- p. 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. #2 - Department of Electrical Engineering).
Gross Value - \$100,000.00.
- q. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for an Investigation of the Utilization of the Point Matching Techniques for Various Boundary Value Problem Solutions (to be known as Systems Engineering Group, Research and Technology Division Project No. 1568 - Sup. #2 - Department of Engineering Mechanics).
Gross Value - \$24,744.00.

January 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)
- r. 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. #1 - Institute for Research in Vision).
Gross Value - \$16,937.00.
 - s. 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 - Ext. #1 - Department of Veterinary Pathology).
Gross Value - \$27,822.00.
 - t. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for Germ-Free and Gnotobiotic Ruminant Nutrition Studies (to be known as National Institutes of Health Project No. 1586 - Ext. #1 - Institute of Nutrition and Food Technology).
Gross Value - \$19,620.00.
 - u. 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. #1 - Department of Physiology).
Gross Value - \$10,479.00.
 - v. 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. #1 - Children's Hospital).
Gross Value - \$14,148.00.
 - w. 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 Project No. 1766 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$40,033.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

x. National Science Foundation, Washington, D. C., for Support of the Institute of Polar Studies, 1964-65 (to be known as National Science Foundation Project No. 1768 - New - Institute of Polar Studies).
Gross Value - \$27,400.00.

y. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Phenylalanine Metabolism in Phenylketonuria (to be known as National Institutes of Health Project No. 1770 - New - Department of Pathology).
Gross Value - \$7,708.00.

z. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for Studies of Metabolic Defects in Accumulation Diseases (to be known as National Institutes of Health Project No. 1771 - New - Department of Pathology).
Gross Value - \$4,834.00.

aa. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Bar Weight as the UCS Avoidance Conditioning (to be known as National Institutes of Health Project No. 1772 - New - Department of Psychology).
Gross Value - \$4,090.00.

bb. National Science Foundation, Washington, D. C., for an Investigation of Demographic Estimation of Age Distribution (to be known as National Science Foundation Project No. 1773 - New - Department of Sociology and Anthropology).
Gross Value - \$13,700.00.

TOTAL - Government Contracts - Federal \$667,735.00

2. Industrial and Other Contract

a. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, for an Analysis of the Physiologic Volumes Comprising the Central Venous Volume (to be known as Central Ohio Heart Association Project No. 1526 - COHA Ltr. 10/15/63 - Department of Veterinary Physiology and Pharmacology).
Gross Value - \$1,050.00.

January 17, 1964 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 Contract (continued)

The foregoing twenty-nine contracts for research in cooperation with Government, Industry and Other represent a gross income of \$668,785.00.

Upon motion of Mr. Allyn, 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 consent.

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

During the period from December 1, 1963 through January 3, 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 189 Ext. #3	A Study of Roadside Maintenance and Its Effect in Highway Design and Construction, Ohio Department of Highways, Columbus, Ohio, Bureau of Public Roads, Washington, D. C. Gross Value - \$29,400.00.
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2. Industrial Research Contract

EES 215 Ext. #2	The Degradability of Selected Detergent Products in Domestic Waste Waters by Full Scale Aerobic Digestion, The Procter and Gamble Company, Ivorydale Technical Center, Cincinnati 17, Ohio. Gross Value - \$3,277.00.
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The foregoing two contracts for research in the Engineering Experiment Station represent a gross income of \$32,677.00.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University, including the establishment of certain memorial and endowment 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. \$202,834.00 granted by the Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, 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)

January 17, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

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 of Mathematics under the direction of Professor Robert C. Fisher, Department of Mathematics. This grant terminates September 30, 1964. (GE-3516)
3. \$55,700.00 granted by the National Science Foundation to the University for support of a "Summer Institute in Science for Secondary School Teachers of Science," under the direction of Dr. John S. Richardson, Department of Education. This grant terminates September 30, 1964. (GE-3515)
4. \$42,491.00 granted by the Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, 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)
5. \$39,900.00 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 of General Science," under the direction of Professor Edmund M. Spieker, Department of Geology. This grant terminates September 30, 1964. (GE-3498)
6. \$27,865.00 granted by the National Science Foundation to the University for support of a "Summer Science Training Program for Secondary School Students," under the direction of Dr. Arnold E. Ross, Department of Mathematics. This grant terminates October 31, 1964. (GE-3802)
7. \$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 of Science," under the direction of Dr. John S. Richardson, Department of Education. This grant terminates September 30, 1964. (GE-3485)
8. \$18,935.00 granted by the National Science Foundation to the University for support of a "Summer Science Training Program for Secondary School Students," under the direction of Paul T. Yarrington, College of Engineering. This grant terminates October 31, 1964. (GE-3796)
9. \$10,000.00 granted by the National Science Foundation to the University for support of the "Ninth International Conference on Low Temperature Physics," under the direction of John G. Daunt, Department of Physics. This conference is to be held during August and September 1964. (GP-2373)

TOTAL - Through Office of Business and Finance \$510,825.00

January 17, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund

1. \$30,000.00 from E. I. duPont de Nemours and Company to support fundamental research in the Departments of Chemistry, Chemical Engineering, Physics, and Metallurgy for 1964.
2. \$15,000.00 from The Friedman Foundation (Mr. and Mrs. Robert G. Friedman, Tiffin, Ohio) to be deposited in the University's Investment Portfolio and that it be added to the fund for the construction of a new residence for the President.
3. \$10,481.40 in securities (No. AC 56183 for 100 shares common stock The Firestone Tire and Rubber Company; No. AC 56184 for 100 shares common stock The Firestone Tire and Rubber Company; No. AC/0 64122 for 70 shares common stock The Firestone Tire and Rubber Company) from Mr. Raymond C. Firestone as an unrestricted gift with the preference that it be deposited in the University's Investment Portfolio and that it be added to the fund for the construction of a new residence for the President. These securities are listed at their mean market price as of December 18, 1963.
4. \$10,000.00 from Emma H. Meyer for The Emma H. Meyer Dairy Technology Fund.

The Emma H. Meyer Dairy Technology Fund

The Emma H. Meyer Dairy Technology Fund was established December 30, 1963 by a gift through the Development Fund from Emma H. Meyer.

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

The income is to be used in the Department of Dairy Technology for research purposes, or for scholarships at the graduate or undergraduate level, or for any other purpose deemed desirable by the Chairman of the Department of Dairy Technology.

In any year in which the income is not used it shall be added to the principal.

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

5. \$8,000.00 from Eli Lilly and Company, Indianapolis, Indiana-- \$5,000.00 for continuation of a research project in protozoa in rumen and \$3,000.00 for a new clinical pharmacology research project, both in the College of Medicine.

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

6. \$7,554.04 in securities (C1 32753 for 50 shares Continental Casualty - \$4,219.00; NoCA994 for 100 shares Nationwide Corporation; NoNAU440 for 106 shares Nationwide Corporation; NoNA07070 for 10 shares Nationwide Corporation - \$3,335.04) from Oscar E. Carlin to be added to the Oscar E., Florence P., David P., and Philip E. Carlin Scholarship Fund. These stock certificates were accepted on December 31, 1963.
7. \$6,125.00 in securities (No. C69025 for 100 shares General Telephone Corporation and No. C114158 for 100 shares General Telephone Corporation) from Dr. Theodore N. Beckman for The Theodore N. Beckman Fund for Research in Marketing. These securities are listed at their mean market price as of December 19, 1963.

The Theodore N. Beckman Fund for Research in Marketing

The Theodore N. Beckman Fund for Research in Marketing was established December 19, 1963 by a gift through the Development Fund from Dr. Theodore N. Beckman, Professor of Business Organization. The principal and any additions thereto are 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 to facilitate and encourage research in marketing by faculty members and/or graduate students. The choice of research projects and the persons to conduct them shall be controlled by a committee to be composed of the Dean of the College of Commerce and Administration, the Chairman of the Department of Business Organization and a senior marketing faculty member who shall be chosen by the other two members of the committee.

In the event of a structural reorganization of the University which might entail positions other than those mentioned above, the Board of Trustees of the University is requested to appoint a committee which can and will perform the functions assigned to the above mentioned committee.

In case the need for the research indicated herein should cease to exist or so diminish as to create unused income then the Board of Trustees of the University may use said income in its discretion, preference to be given however to items in the area of marketing or business organization.

8. \$6,000.00 from the Woodrow Wilson National Fellowship Foundation for Woodrow Wilson Fellows in the Graduate School for 1963-64.
9. \$5,000.00 from Dr. Thomas Alvin Boyd, Detroit, Michigan, to be added to the Thomas A. Boyd Lectureship Fund in Engineering.

January 17, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

10. \$5,000.00 from The Allyn Foundation (Stanley C. Allyn) to be deposited in the University's Investment Portfolio and that it be designated to establish a fund for the construction of a new residence for the President.
11. \$5,000.00 from the National Machinery Foundation, Inc. (Mr. Robert G. Friedman, Tiffin, Ohio) to be deposited in the University's Investment Portfolio and that it be added to the fund for the construction of a new residence for the President.
12. \$5,000.00 from Dorothy and Lewis Rosenstiel Foundation, New York, New York, for heart research in the College of Medicine.
13. \$4,650.00 from Herbert L. Fenburr, Columbus, Ohio, for laboratory equipment in the Department of Chemical Engineering.
14. \$4,119.37 from friends of Ruth Blosser for the University Hospital Chapel Fund.

University Hospital Chapel Fund

The University Hospital Chapel Fund was established December 13, 1963 by gifts through the Development Fund, many of them in memory of Ruth Blosser, former School of Nursing faculty member.

The principal and any additions thereto are 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.

When a Chapel or Meditation Room is provided in the University Hospital the principal is to be used to defray the expense of preparing and equipping the same. This would include anything agreed upon for the establishment of such a Chapel or Meditation Room.

Until the principal is so used, the income is to be used to provide a Ruth Blosser Award for a junior student in the School of Nursing.

15. \$4,041.88 from the National Fund for Graduate Nursing Education for the graduate program in the School of Nursing.
16. \$3,731.25 from William A. Dougherty as an undesignated gift to the University.
17. \$3,600.00 from Organson, Inc., West Orange, New Jersey, for research in the Department of Obstetrics.
18. \$3,500.00 from Donald C. Power to be added to the Donald C. Power Fund for the College of Law.
19. \$3,000.00 from The Arline and Thomas Patton Foundation to be added to the Thomas F. Patton Fund for the College of Law.

January 17, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

20. \$3,000.00 from Mrs. John W. Spain for eye research in the Department of Ophthalmology.
21. \$2,900.00 from Jacob E. Davis--\$1,000.00 for the Jacob E. Davis Fund for College of Law and \$1,900.00 for the Jacob E. Davis Scholarship Fund for School of Social Work.
22. \$2,400.00 from W. K. Kellogg Foundation, Battle Creek, Michigan, for scholarships for medical dietetic students in the College of Medicine.
23. \$2,000.00 from The City National Bank, Columbus, Ohio, for research in the College of Medicine.
24. \$1,756.09 from friends of Edward S. Drake for the Edward S. Drake Fund.

Edward S. Drake Fund

The Edward S. Drake Fund was established December 11, 1963 by gifts through the Development Fund from friends of Edward S. (Beanie) Drake, in his honor.

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 undergraduate scholarships at The Ohio State University.

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 for any purpose in its discretion.

25. \$1,500.00 from the Alton F. Davis Charitable Trust to be added to the Alton F. Davis Memorial Fund.
26. \$1,436.74 from friends of John E. Fintz for the John E. Fintz Memorial Fund.

John E. Fintz Memorial Fund

The John E. Fintz Memorial Fund was established December 9, 1963 by gifts through the Development Fund from friends of John E. Fintz (B.Sc. in Education '30) in his memory.

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 in the field of special education.

January 17, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

27. \$1,200.00 from the Cleveland Greenhouse Vegetable Growers' Cooperative Association, Cleveland, Ohio, for seed breeding research in the College of Agriculture and Home Economics.
28. \$1,047.75 from Alan B. Loop to be credited to the College of Law Student Financial Aids Fund.
29. \$1,014.00 from Mrs. Shirle Nesbitt Westwater for Student Athletic Grant-in-Aid Fund.
30. \$1,000.00 from Richard T. Baker for the Student Athletic Grant-in-Aid Fund.
31. \$1,000.00 from Joseph L. Bitonte for eye research in the Department of Ophthalmology.
32. \$1,000.00 from George W. Byers, Sr. as an undesignated gift to the University.
33. \$1,000.00 from Dr. William H. Havener for eye research in the Department of Ophthalmology.
34. \$1,000.00 from Walter F. Heer, Sr. --\$500.00 for the Student Athletic Grant-in-Aid Fund and \$500.00 for research in the Institute for Research in Vision.
35. \$1,000.00 from James H. Hoffman, Mansfield, Ohio, for the Office of University Relations.
36. \$1,000.00 from Dr. Ralph S. Licklider--\$500.00 for the College of Medicine and \$500.00 for the Department of Athletics.
37. \$1,000.00 from Harry S. Littman for the Knight Endowment Fund, College of Law.
38. \$1,000.00 from Thomas B. Meek, Sr. for the School of Journalism.
39. \$1,000.00 from Fred A. Murphy for the Student Athletic Grant-in-Aid Fund.

TOTAL - Through the Development Fund \$168,057.52

C. Gifts-in-Kind

1. A collection of specially designed modern costumes constructed of fine fabrics from Mrs. Harvey S. Firestone, Jr. to the School of Home Economics.

January 17, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

C. Gifts-in-Kind (continued)

2. A gift of medical equipment from Oscar E. Carlin for the College of Medicine and University Hospital.

Upon motion of Mr. Bricker, seconded by Mr. Rairdon, the above report of grants and gifts, including the establishment of certain memorial and endowment funds, was accepted 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 1963

In December, 1963, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	2,227	\$ 90,235.89
Individuals, other than alumni	99	40,573.90
Nonprofit organizations	67	56,467.60
Business concerns	14	33,537.27
	<u>2,407</u>	<u>\$ 220,814.66</u>

Of these gifts, 1,883 totaling \$13,224.55 were undesignated and 524 totaling \$207,590.11 were designated.

2. Annual Report 1963

The totals for the calendar year 1963, January 1 to December 31, inclusive, are as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	29,538	\$ 627,736.51
Individuals, other than alumni	941	112,351.01
Nonprofit organizations	430	728,055.42
Business concerns	381	483,311.79
	<u>31,290</u>	<u>\$1,951,454.73</u>

Of these gifts, 25,832 totaling \$175,926.60 were undesignated and 5,458 totaling \$1,775,528.13 were designated.

This represents an increase over 1962 of \$95,518.26 in money and 710 in number of contributors.

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V. EXTRAS, CREDITS AND EXTENSIONS OF TIME 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, Credit Orders and Extensions of Time 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 in each case.

A. Dining Facility South (Bradford Commons)

Plumbing Contract

It is recommended that water supply lines to the new type of hot chocolate and ice tea dispensers be provided in the serving area. Add \$ 657.00

Kitchen Equipment Contract

It is recommended that the following changes be made:

1. Change Item 103 Spray Rinse to T & S Spray Rinse Model B-133 with integral check valves, bracket and brush attachment. Add \$3.85.
2. Change Item 501 Broiler to Toastmaster Model 4152-A, two broiler sections on cabinet base. Add \$9.00.
3. Omit two Ice Makers. Deduct \$906.70.
4. Change both cafeteria counters from 38" height to 36" height. No change in price.
5. Omit Soak Sinks with faucets and hose hooks as specified and supply two Seco P-3-32P sinks with Chicago 772 faucets mounted on stainless steel angle and hose hooks mounted on wall. Add \$233.50.
6. Omit hot chocolate, ice tea and juice dispensers, Items 1100, 1150, 1101, and 1151. Deduct \$3,000.00. Total deduction \$ 3,660.35

Funds for this project are provided from the Dormitory Construction Fund.

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

Utilities Contract

It is recommended that the following changes be made from the estimated bid quantities for pipe, manholes, watermains, excavation, etc. Prices used in the additions or deductions are those contained in Item 5A of the Bid Proposal.

January 17, 1964 meeting, Board of Trustees

V. EXTRAS, CREDITS AND EXTENSIONS OF TIME TO CONTRACTS (continued)

B. Miami University - The Ohio State University Dayton Campus - Phase I
(continued)

Utilities Contract (continued)

1. Add 8" water main. Add \$276.00.
 2. Extra excavation. Add \$348.00.
 3. Extra 15" sanitary sewer. Add \$368.00.
 4. Deduct one sanitary manhole.
Deduct \$250.00.
- Net addition \$ 742.00

Funds for this project are provided in Budget Account 91017.

C. Research Space - East Side of Stadium (Phase II)

It is recommended that an extension of time for completion be granted to all contracts due to the unavoidable delay in delivery of heating and electrical equipment. The original completion date was January 30, 1964, and it is proposed that the completion date be extended to March 15, 1964.

Electrical Contract

It is recommended that light fixtures be furnished and installed in Rooms 108L, 108M, 108N, 108P, 108R, 108S, 109L, 110L as indicated in Alternate E-2 of the original specifications.

Add \$ 1,050.00

Funds for this project are provided in Budget Account 91020, Research Space East Side of Stadium (Phase II).

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

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VI. 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. Renovation of Building for Dormitory Central Food Facility (Phase I)

This project provides refrigerated rooms for cold storage and prepares space for dry storage.

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

January 17, 1964 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS (continued)

B. Highway Testing Laboratory Remodeling

Remodeling of former Highway Testing Laboratory to provide facilities for the Department of Engineering Mechanics.

Funds for this project will be provided from Item 315-003, S. B. 370.

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

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VII. REPORT OF AWARD OF CONTRACTS

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

A. Replacement of Contagious Wing Incinerator, University Hospital

Bids were received on December 30, 1963 for this project and the award of contract recommended to the lowest and best bidder as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
(2 bids received)		
F. L. Purdy Company (Columbus)	\$ 4,400.00	\$ 5,200.00

Funds for this project will be provided from the University Hospital Rotary.

B. College of Dentistry, Lobby and Corridor Repairs

Bids for this project were received on December 23, 1963, and the award of contract recommended to the lowest and best bidder as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
(5 bids received)		
Chester A. Smith, Inc. (Columbus)		
Base Bid for Marble and Tile	\$12,241.00	\$16,600.00
Alternate 2 Add Basement Corridor	2,853.00	4,000.00
Alternate 3 Coated Fabric Wall Covering	580.00	600.00
Total Contract	<u>\$15,674.00</u>	<u>\$21,200.00</u>

Funds for this project will be provided from Maintenance Account 200, H. B. 711.

January 17, 1964 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

C. Repairs in Room 154 - Health Center Laboratory (Wiseman Hall)

Bids were received on December 23, 1963 for this project and the award of contracts recommended to the lowest and best bidder as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (9 bids received) Waller & Lund, Inc. (Columbus)		
Base Contract	\$ 7,360.00	\$ 9,220.00
Alt. G-1 Two Cell Partition	50.00	500.00
Total Contract	<u>\$ 7,410.00</u>	<u>\$ 9,720.00</u>
<u>Heating and Ventilating Contract</u> (4 bids received) Bruner Corporation (Columbus)	1,825.00	3,250.00
<u>Plumbing Contract</u> (5 bids received) The Kuempel Company (Columbus)	1,970.00	1,750.00
<u>Electrical Contract</u> (9 bids received) Pence Electric Company (Columbus)	<u>2,028.00</u>	<u>3,480.00</u>
<u>Total Contracts</u>	<u>\$13,233.00</u>	<u>\$18,200.00</u>

Funds for this project will be provided from University Hospital Rotary and Rotary 19185, Project No. 5.

D. Repairs to Rooms 473, 476, 478, 479 and N-729, University Hospital

Bids were received as a result of readvertisement for the Plumbing Contract on December 17, 1963 and the award of contract recommended to the lowest and best bidder as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u> (3 bids received) Limbach Company (Columbus)	\$ 5,100.00	\$ 5,500.00

Funds for this project are provided from the University Hospital Rotary. Award of contracts for the other three divisions of this project were reported on December 13, 1963.

E. Installation of Air Conditioning in Rooms 174, 196A, 196F, 296G and 296H, McPherson Laboratory

Bids were received on January 8, 1964 for this project and the award of contracts recommended to the lowest and best bidder as follows:

VII. REPORT OF AWARD OF CONTRACTS (continued)

E. Installation of Air Conditioning in Rooms 174, 196A, 196F, 296G and 296H, McPherson Laboratory (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
(5 bids received)		
Julian Speer Company (Columbus)		
Base Bid	\$ 8,400.00	\$ 8,400.00
Alternate 3 Delete Pneumatic Temperature Control System in Entirety	Deduct 1,200.00	800.00
Total Contract	<u>\$ 7,200.00</u>	<u>\$ 7,600.00</u>

Funds for this project are provided from Department 2355, Budget Account 18503 and then rebilled to six research accounts.

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, Business and Finance, ratified by unanimous roll call vote.

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VIII. CONTROLLING BOARD APPROVALS

Each numbered approval shown below accomplishes the following purposes:

- 36 Approves the repair by force account and the expenditure of \$30,000.00 from Account 330, H. B. 711, for the project "Remodel 48 Private Patient Rooms, University Hospital."
- 38 Approves the expenditure of \$45,000.00 from Account 330, H. B. 711, to provide funds for the project "University Hospital, Repairs to Rooms 473, 476, 478, 479 and N-729."

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IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Materials Engineering and Science Building

It is recommended that the engineering firm of Ralph J. Cramer, Comer & Passe, Columbus, Ohio, be employed to provide complete professional engineering services for heating, ventilating and air conditioning, plumbing, and electrical work for the above project, including design, preparation of drawings, specifications and estimate of cost, and complete field supervision of construction.

The fee for this service will be 5 per cent of the cost of the mechanical work or an estimated \$50,000.00. Funds will be provided from Item 315-002, S. B. 370.

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

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

B. Renovation of Building for Dormitory Central Food Facility (Phase I)

It is recommended that the engineering firm of Metzger & Blackburn, Columbus, Ohio, be employed to provide complete professional engineering services for heating, ventilating and air conditioning, plumbing, and electrical work for the above project, including design, preparation of drawings, specifications and estimate of cost, and complete field supervision of construction.

The fee for this service will be on an hourly basis of \$8.00 per hour for engineers and \$5.00 per hour for draftsmen with a maximum fee of \$18,000.00. Funds will be provided from Account 86291, General Dormitory Fund, University Treasurer Account.

Upon motion of Mr. Rairdon, seconded by Mr. Allyn, 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 death of Hans Sperber, Professor Emeritus of German; Paul Alfred Carmack, Associate Professor of Speech; Robert E. Monroe, Professor Emeritus of the Department of Romance Languages; and Nellie Watts, Professor Emeritus in the Cooperative Extension Service; and, 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. Hans Sperber

The Board of Trustees expresses its sorrow at the death on December 10, 1963, of Hans Sperber, Professor Emeritus of German.

Dr. Sperber was born in Vienna, Austria, on March 25, 1885, the son of Wilhelm and Rudolfine Sperber. After being graduated from the Gymnasium, he attended the University of Vienna, where he studied Germanic and romance philology. He received the Ph.D. degree in 1907. That same year he went to Uppsala on a traveling scholarship awarded him by the University of Vienna to do postgraduate work. In 1908 he was appointed to a lectureship at the University of Uppsala, a position he held until 1915. He then went to the University of Cologne where he taught in the Department of Germanic Languages and Literatures from 1919 until 1933.

His special fields of interest were German and Scandinavian philology and semantics, in which he established an international reputation. In 1934 he was called to The Ohio State University where he taught in the German Department until he retired in 1955. After his retirement his services were sought by universities in this country and abroad. Professor Sperber was guest professor at the University of Hamburg in 1956-57, and from 1960 to 1963 he taught at the University of Bonn, two years of which were on a Fulbright grant.

January 17, 1964 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

A. Hans Sperber (continued)

Professor Sperber was the author of several books and numerous articles published in learned journals in Germany, Austria, Sweden, Norway, and America, dealing with problems in linguistics, literature, and folklore. His books, too, show his breadth of interest. They include: Sechs Islandische Gedichte legendarischen Inhalts (Uppsala: 1913); Über den Affekt als Ursache der Sprachveränderung (Halle: 1914); Studien zur Bedeutungsentwicklung der Praposition UBER (Uppsala: 1915); Motiv und Wort (with Leo Spitzer) (Leipzig: 1918); Einführung in die Bedeutungslehre (Bonn und Leipzig: 1923); Geschichte der deutschen Sprache (Berlin und Leipzig: 1926, 2nd ed. 1958); Three Keys to Language (with R. M. Estrich) (New York: 1952); American Political Terms. An Historical Dictionary (with Travis Trittschuh) (Detroit: 1962).

Professor Sperber was not only a profound scholar, but an inspired and stimulating teacher. He was beloved by his students, both graduate and undergraduate, at Ohio State and abroad. Anyone that came into contact with him profited from his wisdom, knowledge, and never failing understanding.

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. Paul Alfred Carmack

The Board of Trustees expresses its sorrow at the death on December 27, 1963, of Paul Alfred Carmack, Associate Professor of Speech.

Dr. Carmack was born on March 16, 1903, in Murdock, Illinois. He received his A. B. degree with High Distinction from DePauw University in 1929, the M. S. degree from Butler University in 1942, and the Ph. D. degree from Syracuse University in 1949. In 1962 he was awarded the honorary LL. D. degree by Findlay College. He taught at Indiana State Teachers College and Syracuse University prior to joining the faculty of The Ohio State University in 1946.

Dr. Carmack's record of service to his profession, his community, and his church earned him the high regard of his associates. Among the offices he held were the following: Member of Board of Directors of the American Institute of Parliamentarians; Vice President of the Ohio Council of State Universities of the American Association of University Professors; President of the Ohio State Chapter of the American Association of University Professors; member of Executive Committee of the Legislative Assembly of the Speech Association of America; Parliamentarian to the Speech Association of America, the Ohio Education Association of America, the Ohio Association of Real Estate Boards, and the Ohio State Nurses Association; National Secretary of Delta Sigma Rho, National Honorary Forensic Society; President of the Board of Trustees of the Riverside Methodist Church; President of the Perry Local Board of Education; President of the American Forensic Association; Chairman of the Ohio Conference for Speech Education. He was a member of Phi Kappa Phi, Phi Delta Kappa, and Delta Sigma Rho.

January 17, 1964 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

B. Paul Alfred Carmack (continued)

Dr. Carmack's contribution to speech in Ohio will long be remembered. Not only was he chairman of the annual Ohio Conference for Speech Education but was the driving force which sustained and brought it national recognition. He encouraged the founding of the Ohio Speech Journal and was the editor of the first two volumes which received wide acclaim.

Dr. Carmack was widely known for his development of rhetorical models of many important rhetoricians of all ages and for his work with graduate students. At the time of his death, a book of rhetorical studies, of which he was the co-editor, was nearing completion. His extensive personal library, containing many rare editions of books on rhetorical theory and public speaking, was always available for the use of students.

More than any other single attribute, he stood highest as a man of good will and character--the factor of ethos of which Aristotle spoke, Paul Alfred Carmack was a persuasive man whose chief mode of persuasion was personal--his own ethos. His breadth of interest and depth of devotion to the service of his fellow men will cause his loss to be widely and deeply mourned.

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.

C. Robert E. Monroe

The Board of Trustees expresses its sorrow at the death on December 7, 1963, of Robert E. Monroe, Professor Emeritus of the Department of Romance Languages.

Born in Webberville, Michigan, on February 11, 1883, Robert Emmett Monroe was brought up and educated in Michigan and received his A.B. in 1902 and his M.A. in 1913 from the University of Michigan. He was Assistant Professor of Modern Languages at Georgetown College, Georgetown, Kentucky, from 1908 to 1909; Associate Professor of Romance Languages at Transylvania College at Lexington, Kentucky, from 1909 to 1910; and Professor and Head of the Department of Romance Languages in the same institution from 1910 to 1920. At that time he left teaching to conduct and organize European trips for the Temple Tours. He resumed his teaching career in 1929 when he came to The Ohio State University to supervise the elementary courses in French and Spanish as Professor of Romance Languages in that department.

During his twenty-four years of service at The Ohio State University, Professor Monroe contributed much to the teaching of French and Spanish. In collaboration with Professor William S. Hendrix, then chairman of the Department, he advocated and developed the aural phase of language teaching at a time when most of the language departments in the country were emphasizing only reading objectives. In addition to supervising the elementary courses in French and Spanish, he worked constantly with the

January 17, 1964 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

C. Robert E. Monroe (continued)

graduate students of other departments who were preparing their reading examinations in those languages. He maintained close contact with the teachers of French and Spanish in the Columbus and Ohio high schools and did much to encourage the learning of these languages throughout the State. He participated in many campus activities. As a member and at one time chairman of the Athletic Board, he exercised a considerable influence at a time when the athletic program was growing. He was president of the Faculty Club from 1944 to 1945.

During his years of service in the Department of Romance Languages, he trained many graduate assistants to teach; and he will be remembered as a most inspiring and resourceful teacher by the hundreds of students who took his courses. Mr. Monroe became Professor Emeritus upon his retirement in 1953.

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.

D. Nellie Watts

The Board of Trustees expresses its sorrow at the death on January 4, 1964, of Nellie Watts, Professor Emeritus in the Cooperative Extension Service.

Professor Watts in her thirty years of work in Home Economics as a part of the Ohio Cooperative Extension Service, College of Agriculture and Home Economics, did much to make Extension an educational effort. She gave outstanding leadership to the continuous professional improvement of the Extension staff and was an inspirational force in improving the local leader training program.

Professor Watts received her B.S. degree from Pennsylvania State University in 1920 and her M.S. degree from the University of Pittsburgh in 1923. In 1925 she came to Ohio and served as a Home Demonstration Agent in both Warren and Franklin counties. Because of her competence she was promoted to Assistant State Home Demonstration Leader and later to State Home Demonstration Leader, the position she held until her retirement in 1955. Because of her significant contributions to the total educational program of The Ohio State University and her effective pursuit of excellence in all endeavors, she was held in very high esteem by her associates on the faculty of the University.

Professor Watts had a genuine interest in the training and development of professional home economics workers in several other countries of the world. She served on two special missions to Israel and Ethiopia and was the supervisor for many international groups of women who came to Ohio State to study Home Economics.

X. RESOLUTIONS IN MEMORIAM (continued)

D. Nellie Watts (continued)

After retirement her educational interests continued through contact with many groups in the State explaining the problems and need for an educational relationship with other countries. She was a vital force in the Columbus community through her active and dedicated association with professional, civic, and church organizations.

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. Central Food Facility and Dining Facility Northwest

Mr. Dargusch, a member of the Finance and Investment Committee, presented the following resolution:

BE IT RESOLVED by the Board of Trustees of The Ohio State University that:

Section 1. The President and Vice President, Business and Finance, and each of them, are authorized to expend from the Contingency Repair and Replacement Fund, established and existing with The Ohio National Bank of Columbus, Ohio, under Trust Agreement dated as of April 15, 1957, as supplemented, such sums of money as may be needed to pay costs of construction and equipping the Central Food Facility at 1315 Kinnear Road, Columbus, Ohio, and from surplus money in the Dormitory Revenue Fund, such sums as may be needed to pay costs of acquiring, leasing, remodeling, renovating and equipping the Central Food Facility and Dining Facility Northwest.

Section 2. The President and Vice President, Business and Finance, and each of them are authorized to expend from the Contingency Repair and Replacement Fund and from surplus monies in the Dormitory Revenue Fund such sums of money as may be needed to pay costs of constructing and equipping additional dormitory facilities, to be known as the Northwest Commons, including without implied limitation, cost of obtaining plans, specifications and drawings, both preliminary and final, architect's and engineer's fees, costs of construction and equipment and any and all other costs necessary or incidental to the aforesaid project, and the President and Vice President, Business and Finance, and each of them are authorized to hire and appoint architects and engineers to prepare plans, specifications and drawings for said project.

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

January 17, 1964 meeting, Board of Trustees

XI. REPORTS (continued)

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

2. Report on the Investment Portfolio

The report on the University's Investment Portfolio dated December 31, 1963 was presented to the Board of Trustees. The Secretary was instructed to file a copy of the report with the official records of the Board of Trustees.

B. Report on Actions Taken by the Ohio Board of Regents at Its Meeting on January 10, 1964 on the Requests Submitted by The Ohio State University

1. Approval of Degrees

The Board of Regents by unanimous vote approved The Ohio State University's proposals to grant (a) the Doctor of Optometry degree and (b) the Doctor of Philosophy degree in Slavic Languages and Literatures.

2. Approval of Requests for Release of Capital Improvement Funds

The Board of Regents at its January meeting approved the release of funds for the following nineteen Capital Improvement Projects. This action is in accordance with Amended Senate Bill 370 as enacted by the 105th General Assembly of Ohio.

Release of \$95,000 for plans for materials, Engineering and Science Building. Total appropriation \$2,309,000.

Release of \$32,340 for plans for Dentistry Laboratories. Total appropriation \$854,500.

Release of \$90,000 for plans for Physics and Astronomy Building. This is the total appropriation.

Release of \$122,360 for plans for Engineering Classrooms and Laboratories. Total appropriation \$2,897,000.

Release of \$30,000 for plans for Aerodynamics and Missile Propulsion Laboratory. Total appropriation \$469,500.

Release of \$47,740.00 for plans for Chemistry Research Facilities. Total appropriation \$1,310,000.

Release of \$97,000 for plans for Electronics Laboratories. This is the total appropriation.

Release of \$83,400 for plans for Systems Engineering Building. This is the total appropriation.

Release of \$112,560 for plans for Pharmacy Building. Total appropriation \$3,321,800.

January 17, 1964 meeting, Board of Trustees

XI. REPORTS (continued)

B. Report on Actions Taken by the Ohio Board of Regents at Its Meeting on January 10, 1964 on the Requests Submitted by The Ohio State University (continued)

2. Approval of Requests for Release of Capital Improvement Funds (continued)

Release of \$15,610 for plans for modernization of Orton Hall and Mendenhall Laboratories. Total cost will be \$317,500 out of an overall appropriation item of \$1,078,000 for modernization of Engineering and Physical Science Facilities.

Release of \$175,100 for completion of Robinson Laboratory. This is a part of an overall appropriation item of \$1,078,000 for modernization of Engineering and Physical Science Facilities.

Release of \$17,570 for plans for modernization of Commerce and Administration Buildings. Total cost will be \$296,700 out of an overall appropriation of \$421,700.

Release of \$102,300 for Olentangy River Improvements. This is a part of an overall appropriation of \$1,307,000 for the Campus Loop Road.

Release of \$379,000 for Remodeling a former Highway Testing Laboratory. This is a part of an overall appropriation of \$1,078,000 for modernization of Engineering and Physical Science Facilities.

Release of \$464,000 for purchase of Urban Renewal Land and to reverse an earlier transfer of General Fund money to its original source, which will no longer be needed.

Release of \$33,740 for plans and \$536,600 for right-of-way for the Campus Loop Road. This is a part of an overall appropriation of \$1,307,000 for the Campus Loop Road.

\$1,000,000 for College of Medicine - Land.

Release of \$147,620 for plans at the Dayton Branch. Total appropriation \$3,000,000.

Release of \$131,740 for plans for Removal of the Veterinary Clinic. Total appropriation \$200,000.

3. Action Deferred on Request for Release of Capital Improvement Funds

The Board of Regents deferred action on release of funds for planning for the following two projects:

January 17, 1964 meeting, Board of Trustees

XI. REPORTS (continued)

B. Report on Actions Taken by the Ohio Board of Regents
at Its Meeting on January 10, 1964 on the Requests
Submitted by The Ohio State University (continued)

3. Action Deferred on Request for Release of Capital Improvement Funds
(continued)

\$130,685 for plans for the Lima Branch. Total appropriation \$3,300,000.

\$88,790 for plans for the Mansfield Branch. Total appropriation \$2,200,000.

4. Capital Improvement Projects Not Yet Activated

\$90,400 for modernization of the Communications Laboratory. This is a part of the overall appropriation item of \$1,078,000 for modernization of Engineering and Physical Science Facilities.

\$116,000 for modernization of Brown Hall. This is a part of the overall appropriation item of \$1,078,000 for modernization of Engineering and Physical Science Facilities.

\$125,000 for Renovation of Walks and Roads.

\$250,000 for addition to Starling Loving Hall.

\$2,000,000 for College of Medicine--Plans.

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Thereupon the Board adjourned to meet Friday, February 14, 1964, at The Ohio State University, Columbus, Ohio, at ten o'clock.

Attest:

John T. Mount
Secretary

Thomas F. Patton
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
NINE HUNDRED AND EIGHTY-SEVENTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, February 14, 1964

The Board of Trustees met at its regular monthly meeting on Friday, February 14, 1964, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Thomas F. Patton, Chairman, Smith L. Rairdon, Alan B. Loop, Jacob E. Davis, Stanley C. Allyn, John W. Bricker, Carlton S. Dargusch, and John G. Ketterer.

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Minutes of the last meeting were approved.

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February 14, 1964 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Honorary Degrees

The Faculty Council on February 11, 1964 recommended that the honorary degree, Doctor of Science, be conferred on:

J. George Harrar
George Preston Hoff

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

Potter Stewart

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 to be held during the year 1964, or as soon as possible thereafter.

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

B. Report of Auditor of State to The Ohio State University

The Annual Report of the Auditor of State for the fiscal year 1962-63 has been received. The report indicates that the books and records of The Ohio State University are in excellent condition and that all accounts are in order.

It is recommended that the receipt of the Annual Report of the Auditor of State be noted in the minutes of this meeting and that it be filed with the official documents of the Board of Trustees.

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

C. Degrees Conferred - Winter Quarter Commencement Convocation

It is recommended that degrees be conferred at the Winter Quarter Commencement Convocation on March 19, 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 VI, page 335).

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

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February 14, 1964 meeting, Board of Trustees

II. PERSONNEL CHANGES

It is recommended that all personnel changes since the January 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 in Administrative Positions and Leave of Absence Without Salary:

A. Promotions in Administrative Positions

Elzy V. McCollough from Professor, Department of Accounting, to Professor and Chairman, effective March 1, 1964, at a salary of \$17,268.00 per annum.

Albert J. Kuhn from Associate Professor, Department of English, to Associate Professor and Chairman, effective July 1, 1964, at a salary of \$16,068.00 per annum.

B. Leave of Absence Without Salary

Metellus E. Cravens, Professor (part time - 43%), Agricultural Economics and Rural Sociology, April 1, 1964 through June 30, 1964, to serve as a project leader for an economic study of food grain storage and handling in East Pakistan.

Upon motion of Mr. Loop, seconded by Mr. Davis, the Promotions in Administrative Positions, Leave of Absence Without Salary, and the personnel changes 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 Electron Properties of Chlorophyll Films (to be known as National Institutes of Health Project No. 1017 - Ext. #4 - Department of Chemistry).
Gross Value - \$11,880.00.

February 14, 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)

- b. Department of the 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. #8 - Defense Management Center).
Gross Value - \$28,863.00.
- c. 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 - Sup. #1 - Department of Pharmacology).
Gross Value - \$7,068.00.
- 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. #3 - Department of Medicine).
Gross Value - \$12,672.00.
- e. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for Contributive Research in Thermomechanics (to be known as Systems Engineering Group, Research and Technology Division Project No. 1401 - Mod. #4 - RF Internal Supervision).
Gross Value - \$31,420.00.
- f. 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. #1 - Department of Zoology and Entomology).
Gross Value - \$18,783.00.
- g. Department of the Navy, U. S. Naval Training Device Center, Port Washington, New York, for Team Training Study (to be known as U. S. Naval Training Device Center Project No. 1584 - Sup. #1 - Department of Psychology).
Gross Value - \$117,081.00.
- h. 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. 1612 - Sup. #2 - Department of Psychology).
Gross Value - \$304,400.00.

February 14, 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)

- i. 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. #1 - Department of Physiology).
Gross Value - \$8,884.00.
- j. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, for an Investigation of Enzyme Characterization in Hemolytic Anemias (to be known as National Institutes of Health Project No. 1634 - Ext. #1 - Department of Physiological Chemistry).
Gross Value - \$22,010.00.
- k. 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 Audio-visual Instructional Programs (to be known as Office of Education Project No. 1683 - Sup. #1 - Bureau of Educational Research and Service).
Gross Value - \$26,498.00.
- l. 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 - Sup. Award 1/22/64 - Department of Speech).
Gross Value - \$8,161.00.
- m. Department of Defense, 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. #2 - Department of Sociology and Anthropology).
Gross Value - \$99,998.00.
- n. 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 - New - College of Dentistry).
Gross Value - \$44,683.00.
- o. Air Force Office of Scientific Research, Office of Aerospace Research, Washington, D. C., for an Investigation of Reactions of Chlorocarbonium Ions (to be known as Office of Aerospace Research Project No. 1776 - New - Department of Chemistry).
Gross Value - \$33,792.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- p. 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 - New - Department of Medicine).
Gross Value - \$20,220.00.
- q. 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 - New - Department of Psychology).
Gross Value - \$24,852.00.
- r. National Science Foundation, Washington, D. C., for A Free Operant Study of Approach-Avoidance Conflict (to be known as National Science Foundation Project No. 1780 - New - Department of Psychology).
Gross Value - \$19,500.00.
- s. Air Force Office of Scientific Research, Office of Aerospace Research, Washington, D. C., for Simulation Studies of Organizational Behavior Under Stress (to be known as Office of Aerospace Research Project No. 1781 - New - Department of Sociology and Anthropology).
Gross Value - \$34,996.00.
- t. National Science Foundation, Washington, D. C. for an Investigation of Immunologic Specificity of Antibodies to Liver Ribosomes and Nuclei (to be known as National Science Foundation Project No. 1782 - New - Department of Microbiology).
Gross Value - \$46,200.00.
- u. National Science Foundation, Washington, D. C., for an Investigation of Acoustical Characteristics of Selected English Consonants (to be known as National Science Foundation Project No. 1783 - New - Department of Slavic Languages and Literatures).
Gross Value - \$1,150.00.
- v. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Changes in Muscle with Nutritional Stress (to be known as National Institutes of Health Project No. 1784 - New - Department of Agricultural Biochemistry).
Gross Value - \$26,900.00.

February 14, 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. 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 - New - Department of Psychology).
Gross Value - \$19,588.00.
- x. 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 - New - Department of Dairy Science).
Gross Value - \$19,624.00.
- y. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Congenital Diaphragmatic Hernia in Fetal Puppies (to be known as National Institutes of Health Project No. 1787 - New - Children's Hospital).
Gross Value - \$15,576.00.
- z. Department of the Navy, Bureau of Naval Weapons, Washington, D. C., for an Investigation of Reactive-Wall Corner Reflectors for 9 mm Microwave Operation (to be known as Bureau of Naval Weapons Project No. 1790 - New - Department of Electrical Engineering).
Gross Value - \$20,000.00.

TOTAL - Government Contracts - Federal \$1,024,799.00

2. Industrial and Other Contracts

- a. Charles Pfizer and Company, Inc., 235 East 42nd Street, New York, New York, for an Investigation of Effects of Terramycin on the Tracheobronchial Tree in Patients with Pulmonary Tuberculosis (to be known as Charles Pfizer and Company, Inc. Project No. 1405 - Ltr. 12/27/63 - Department of Surgery).
Gross Value - \$1,550.00.
- b. The National Foundation, 800 Second Avenue, New York, New York, for Birth Defects Clinical Study Center (to be known as The National Foundation Project No. 1481 - Ltr. 12/19/63 - Children's Hospital).
Gross Value - \$25,000.00.

February 14, 1964 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

2. Industrial and Other Contracts (continued)

c. 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. #21417 - Department of Surgery).
Gross Value - \$1,125.00.

d. Diehl, Inc., Defiance, Ohio, for an Investigation of Improved Concentrated Milk Products (to be known as Diehl, Inc. Project No. 1788 - New - Department of Dairy Technology).
Gross Value - \$8,000.00.

TOTAL - Industrial and Other Contracts \$35,675.00

The foregoing thirty contracts for research in cooperation with Government, Industry and Other represent a gross income of \$1,060,474.00.

Upon motion of Mr. Ketterer, 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 by unanimous consent.

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

During the period from January 4, 1964 through January 31, 1964, the Engineering Experiment Station of The Ohio State University entered into the following research contract. This research contract is reported to the Board of Trustees for information and record.

1. Industrial Research Contract

EES 222	Development of Natural Aggregate as a Construction
Ext. #1	Material, The Marble Cliff Quarries Company, 2100 Tremont Center, Columbus, Ohio.
	Gross Value - \$5,000.00.

C. Amendment to India/Education Project with Agency
for International Development - Contract W/677

The University Grants Commission of India through the Agency for International Development of the United States Department of State has requested The Ohio State University to render assistance in the advancement of teaching mathematics and the sciences in Indian universities. This assistance is to be rendered by twenty professors who will direct sixteen summer institutes and four centers for advanced study on the campuses of outstanding Indian universities during June and July of 1964. The summer institutes and centers for advanced study are to be designed to assist the members of the faculties of Indian universities to become better acquainted with recent advances in their substantive fields and the recent developments in the teaching of these disciplines.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

C. Amendment to India/Education Project with Agency
for International Development - Contract W/677 (continued)

The Dean of the College of Education, after careful appraisal of this request for assistance, has proposed that an Amendment to the existing contract between The Ohio State University and the Agency for International Development (Contract AID/W/677 - India) be negotiated. It is therefore recommended that the President be authorized to sign such an Amendment for and on behalf of the Board of Trustees with the understanding that all costs for this program are to be covered by funds from the Agency for International Development of the United States of America and the University Grants Commission of the Government of India.

Upon motion of Mr. Davis, seconded by Mr. Loop, the President was authorized to sign an Amendment to Contract AID/W/677 - India by unanimous roll call vote.

D. Renewal of Lease with Federal Aviation Agency
for Operation of Aircraft Landing Marker

The Federal Aviation Agency now occupies under lease a tract of University land 70' x 101' and operates thereon an outer marker for the guidance of aircraft landing at Port Columbus. This installation is on the west side of Fyffe Road north of Lane Avenue.

The lease under which the Federal Aviation Agency holds this land was authorized by the Board of Trustees on July 10, 1959. It expires on June 30, 1964, and the Federal Aviation Agency now desires to execute a new one-year lease at \$1.00 per year, effective July 1, 1964 and renewable annually at the option of the Government through June 30, 1969. Neither the location nor the operation of this facility interferes with any University operation.

With the concurrence of the Executive Director for Campus Planning and the President's Cabinet, it is recommended that the President be authorized to sign such lease for this purpose as he deems appropriate and not inimical to the interests of the University.

Upon motion of Mr. Rairdon, seconded by Mr. Allyn, the Board of Trustees by unanimous roll call vote authorized the President to sign the aforesaid lease between The Ohio State University and the Federal Aviation Agency.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University are hereby reported for the record and appropriate expressions of appreciation have been conveyed:

February 14, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance

1. \$250,000.00 granted by the National Science Foundation to the University for support of the "Construction of Laboratory Facilities for Basic Research and Research Training in Aeronautical and Astronautical Engineering," under the direction of Dr. G. L. Von Eschen, Department of Aeronautical and Astronautical Engineering. (GU-610)
2. \$9,541.00 granted by the Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, to the University for "Effect of Occlusal Patterns on Edentulous Individuals," under the direction of Dr. Julian B. Woelfel, College of Dentistry, for the period April 1, 1964 through March 31, 1965. (Grant DE 00548-08)

TOTAL - Through Office of Business and Finance \$259,541.00

B. Received Through the Development Fund

1. \$12,000.00 from Corn Industries Research Foundation, Inc., Washington, D. C., for research in Chemistry under the direction of Dr. M. L. Wolfrom.
2. \$11,200.00 from John C. Martin, Columbus, Ohio, for the John C. Martin Fund.
3. \$10,639.91 from Midwest Foundation for Research in Education, Columbus, Ohio, for research in the College of Medicine.
4. \$10,117.00 from the Mark L. Morris Animal Foundation, Denver, Colorado, for three research projects in the College of Veterinary Medicine.
5. \$10,000.00 in securities (160 shares Buckeye Union Casualty Company stock) from Mrs. Frederick E. Jones to be credited to the Virginia Kelsey Jones Fund.
6. \$10,000.00 from William Bartlett Calkins, Orlando, Florida, for the William Bartlett Calkins Scholarship Fund.
7. \$9,185.00 from The Charles F. High Foundation, Bucyrus, Ohio, for undergraduate scholarships.
8. \$5,000.00 from Dr. John J. Fahey, Chicago, Illinois, as an unrestricted gift to the College of Medicine.
9. \$5,000.00 from Mrs. Betty L. Niehoff, Columbus, Ohio, to establish the Elsa Will LeVeque, M.D., Memorial Fund. The principal is to be used for hematological research in the College of Medicine.

February 14, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

10. \$4,924.00 from the Grace High Washburn Trust, Bucyrus, Ohio, for undergraduate scholarships.
11. \$3,941.00 from the Trust under the Will of Anna Roessler for scholarships in the College of Medicine.
12. \$3,300.74 from Frank K. Griesinger, Cleveland, Ohio, for the Frank K. Griesinger Scholarship Fund.
13. \$2,500.00 from Herman Frasch Foundation for research in Agricultural Biochemistry.
14. \$2,500.00 from Dr. Victor L. Steffel, Columbus, Ohio, to be added to the Victor L. and Marie M. Steffel Student Loan Fund in the College of Dentistry.
15. \$1,380.00 from Hoffman-LaRoche, Inc., Nutley, New Jersey, for perinatal studies and growth development research in the College of Medicine.
16. \$1,000.00 from Dr. Wendell D. Postle, Columbus, Ohio, for the Wendell D. and Helen R. Postle Dental Student Loan Fund in memory of Wendell D. Postle, Jr.
17. \$1,000.00 from Clarence S. Ohsner to be placed in the University's Unrestricted Endowment Fund.

TOTAL - Through the Development Fund \$103,687.65

C. Gifts-in-Kind

1. A gift of musical scores and other musical material for the School of Music from Louis H. Diercks, Columbus, Ohio. (Appraised at \$1,154.00)
2. A gift of books and pamphlets for the library from George S. Mitchell, Washington, D. C. (Appraised at \$1,231.00)

Upon motion of Mr. Allyn, seconded by Mr. Ketterer, 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.

D. Report from The Ohio State University Development Fund

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

February 14, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	549	\$ 39,934.05
Individuals, other than alumni	46	16,117.34
Nonprofit organizations	41	87,013.11
Business concerns	8	35,849.37
	<u>644</u>	<u>\$178,973.87</u>

Of these gifts, 428 for \$4,320.98 were undesignated and 216 for \$174,652.89 were designated for special projects.

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V. APPROPRIATION AND TRANSFER OF FUNDS

A. Appropriation for the Development of a Research Project

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 \$6,500.00 be appropriated from the University Treasurer Research Subaccount (a) to the Institute of Nutrition and Food Technology to match funds now available to the Institute for the purchase of a Tri-Carb liquid scintillation counter.

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

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VI. 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 project be approved by the Board of Trustees:

A. Connection of Cold Water Supply Lines on the West Campus

This project provides an 8" connection line from the main campus system along Stadium Drive to the water line serving Goss Laboratory and Sisson Hall to assure reliable service to this area.

Funds will be provided from Budget Account 12350, Contract Repairs.

Upon motion of Mr. Rairdon, 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 project for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contract. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

* * *

VII. REPORT OF AWARD OF CONTRACTS

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

A. Starling Loving Hall - Window Repairs (West Elevation of M Wing Only)

Bids were received on January 17, 1964 for this project and the award of contract recommended to the lowest and best bidder as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
(4 bids received)		
Pendleton Construction Co. (Columbus)		
Base Bid	\$ 6,043.00	\$ 7,250.00
Alternate G-1 Screens	420.00	450.00
Total Contract	<u>\$ 6,463.00</u>	<u>\$ 7,700.00</u>

Funds for this project will be provided from Maintenance Account 200, H. B. 711.

B. McPherson Laboratory - Window Repairs

Bids were received on January 17, 1964 for this project and the award of contract recommended to the lowest and best bidder as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
(4 bids received)		
Waller & Lund, Inc. (Columbus)		
Base Bid	\$18,960.00	\$25,500.00
Alternate G-1 Screens	1,050.00	1,400.00
Total Contract	<u>\$20,010.00</u>	<u>\$26,900.00</u>

Funds for this project will be provided from Maintenance Account 200, H. B. 711.

C. Twelve Inch Well and Pumping Equipment for Elevated Storage Tank

Bids were received on February 5, 1964 for this project and the award of contract recommended to the lowest and best bidder as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received)		
Dunbar Drilling (Swanton, Ohio)	\$10,250.00	\$11,500.00

Funds for this project will be provided from Department 3115, Budget Account 19945, Water Storage Tank, H. B. 711.

D. Underground Water and Gas Piping for Elevated Storage Tank

Bids were received on February 5, 1964 for this project and the award of contract recommended to the lowest and best bidder as follows:

VII. REPORT OF AWARD OF CONTRACTS (continued)

D. Underground Water and Gas Piping for Elevated Storage Tank (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
(8 bids received)		
Kuempel Company (Columbus, Ohio)	\$10,239.00	\$19,000.00

Funds for this project will be provided from Department 3115, Budget Account 19945, Water Storage Tank, H. B. 711.

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

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VIII. CONTROLLING BOARD APPROVALS

Each numbered approval shown below accomplishes the following purposes:

- 37 Approves the award of contract for "Improvements in Electrical Systems, University Hospital" to the low bidder in the amount of \$296,747.00 and the expenditure of \$300,000.00 for this project.
- 40 Approves the expenditure of \$18,000.00 from Maintenance Account 200, H. B. 711, for the project "College of Dentistry Lobby and Corridor Repairs."
- 41 Approves the expenditure from Hospital Rotary Funds of \$4,700.00 for the project "Replacement of Contagious Wing Incinerator, University Hospital."
- 43 Approves the expenditure of \$11,000.00 from Hospital Rotary Funds for the project "Repairs to Room 154 Health Center Laboratory."
- 44 Releases \$95,000.00 in planning funds for the facility "Materials Engineering and Science Building."
- 45 Releases \$32,340.00 in planning funds for the facility "Dentistry Laboratories."
- 47 Releases \$122,360.00 in planning funds for the facility "Engineering Classrooms and Labs."
- 48 Releases \$30,000.00 in planning funds for the project "Aerodynamics and Missile Propulsion Laboratory."
- 49 Releases \$47,740.00 in planning funds for the facility "Chemistry Research Facilities."
- 52 Releases \$112,560.00 in planning funds for the facility "Pharmacy Building."

VIII. CONTROLLING BOARD APPROVALS (continued)

- 53 Approves the transfer of \$317,500.00 to a new item "Modernization of Orton Hall and Mendenhall Laboratory" from "Modernization of Engineering and Physical Science Facilities" and releases \$15,610.00 in planning funds for this facility.
- 55 Approves the transfer of \$296,700.00 from "Modernization of Commerce and Administration Buildings and Walks and Roads" to a new account "Modernization of Commerce and Administration Buildings" and release \$17,570.00 for planning funds.
- 57 Approves the transfer of \$379,000.00 from "Modernization of Engineering and Physical Science Facilities" to a new account "Remodel Highway Testing Laboratory" and releases this amount for the project.
- 58 Releases \$464,000.00 for the purchase of Urban Renewal Land.
- 59 Approves the transfer of \$464,000.00 from Urban Renewal Land to Maintenance Account 200 (returns funds used for interim funding).
- 61 Releases \$1,000,000.00 for the acquisition of land for the College of Medicine.
- 62 Releases \$147,260.00 in planning funds for the Dayton Branch.

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IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Purchase of Buildings and Property, 357 West 10th Avenue

It is recommended that the Vice President, Business and Finance, be authorized to proceed with the purchase of the following property from Katherine G. Feinknopf at a price of \$24,000.00:

Property known as 357 West 10th Avenue, being Lot #32, Elizabeth King's Olentangy Subdivision, City of Columbus, County of Franklin, State of Ohio.

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

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

B. Purchase of Buildings and Property, 406 West Ninth Avenue

It is recommended that the Vice President, Business and Finance, be authorized to proceed with the purchase of the following property from Richard Huggard and Horace W. Jones, Trustees, at a price of \$16,000.00:

February 14, 1964 meeting, Board of Trustees

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

B. Purchase of Buildings and Property, 406 West Ninth Avenue (continued)

Property known as 406 West Ninth Avenue, being Lot #18, Elizabeth King's Olentangy Subdivision, City of Columbus, County of Franklin, State of Ohio.

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

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

C. Purchase of Buildings and Property, 401 West Tenth Avenue

It is recommended that the Vice President, Business and Finance, be authorized to proceed with the purchase of the following property from Warren A. Smith, Executor of the Estate of Minnie E. White, deceased, at a price of \$18,000.00:

Property known as 401 West Tenth Avenue, being Lot #40, Elizabeth King's Olentangy Subdivision, City of Columbus, County of Franklin, State of Ohio.

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

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

D. Special Policeman Commission

At the request of the Vice President, Business and Finance, it is recommended that Harry LaVerne Wiley, Jr., 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. Wiley, 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. Rairdon, the above recommendation was unanimously approved by roll call vote.

E. Purchase of Buildings and Property, 112-114-116 West Frambes Avenue and 2125-27-29-31-33 Peasley Street

It is recommended that the Vice President, Business and Finance, be authorized to proceed with the purchase of the following property from Mary C. Burns at a price of \$52,000.00:

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

E. Purchase of Buildings and Property, 112-114-116 West Frambes Avenue and 2125-27-29-31-33 Peasley Street (continued)

Property known as 112-114-116 West Frambes Avenue and 2125-27-29-31-33 Peasley Street, being Lot 169, 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 Amended S. B. 370 or other sources designated by the Department of Finance.

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

F. Employment of Architects

It is recommended that the following architectural firms be employed to provide complete architectural services for the projects indicated including preliminary plans, basic drawings, working drawings, specifications, estimates of cost and necessary bidding documents.

Dan A. Carmichael, Architect (Heapy and Associates, Engineers)	Dentistry Laboratories
Schooley, Cornelius & Schooley, Architects (W. E. Monks, Engineer; Bolt, Beranek & Newman, Acoustics)	Engineering Classrooms and Laboratories Building
Wright, Gilfillen & Keske, Architects (Metzger and Blackburn, Engineers)	Aerodynamics & Missile Propulsion Laboratory
Benham, Richards & Armstrong, Architects (Byers, Urban, Klug & Pittenger, Engineers)	Chemistry Research Facilities
Potter, Tyler, Martin & Roth, Architects (Fosdick & Hilmer, Engineers)	Pharmacy Building
Tully and Hobbs, Architects (Ralph J. Kramer, Comer & Passe, Engineers)	Physics and Astronomy Building
Kellam and Foley, Architects (Heapy and Associates, Engineers)	Electronics Laboratory
Croce and Abbot, Architects (W. E. Monks, Engineer)	Systems Engineering

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

F. Employment of Architects (continued)

Louis F. Karlsberger, Architect (Heapy and Associates, Engineers)	College of Medicine
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Dan A. Carmichael, Architect (Fosdick and Hilmer, Engineers)	Veterinary Clinic
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The employment of these architects is subject to the approval of the Director of Public Works, State of Ohio, and the release of funds by the State Controlling Board. The fees for their services will be calculated on the standard fee basis as established by the Director of Public Works.

Funds will be provided from accounts established in Amended S. B. 370 for each project.

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

G. Employment of Architect--Miami University - The Ohio State University Dayton Campus, Engineering and Science Building

After consultation with the officials of Miami University, it is recommended that Lorenz and Williams, Architects, Dayton, Ohio, (and Heapy & Associates, Engineers) be employed to provide complete architectural services for this project including preliminary plans, basic drawings, working drawings, specifications, estimate of cost and necessary bidding documents.

The fee for this service will be calculated at the standard fee as established by the Director of Public Works and the appointment of this firm is subject to the approval of the Director of Public Works, State of Ohio. Funds will be provided from the account established in Amended S. B. 370 for this project.

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

H. Employment of Management Consultants - Data Processing Feasibility Study

It is recommended that at the request of the Vice President for Research, and with the concurrence of the Vice President, Business and Finance, Booz, Allen & Hamilton, Inc., Management Consultants, be employed to conduct a Data Processing Feasibility Study for the purpose of developing a general plan for immediate action as well as future action to bring together (through organizational centralization, various degrees of physical centralization, and other forms of centralization) the variety of scientific data processing functions, instructional functions, business functions, registrar functions, hospital functions, and other specialized data processing functions.

February 14, 1964 meeting, Board of Trustees

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

H. Employment of Management Consultants - Data Processing Feasibility Study (continued)

The fee for this service is not to exceed \$30,000.00 and funds will be provided from Budget Account 19956 Data Processing Feasibility Study.

Upon motion of Mr. Davis, seconded by Mr. Rairdon, the above recommendation was approved by unanimous roll call vote, subject to the reservation that the above named firm is not employed by any specific manufacturer of data processing equipment.

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X. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Robert Meiklejohn, Professor Emeritus of Engineering Drawing, and Alfred James Wright, Professor of Geography, and in accordance with instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board have been furnished to the families of the deceased.

A. Robert Meiklejohn

The Board of Trustees expresses its sorrow at the death on January 20, 1964, of Robert Meiklejohn, Professor Emeritus of Engineering Drawing.

Professor Meiklejohn was born in Chillicothe, Ohio, on December 14, 1881, and was graduated from The Ohio State University in 1904 with the degree Mechanical Engineer.

Professor Meiklejohn spent the first year following his graduation on a special assignment for the Illinois Steel Company in Chicago before returning to Ohio State as an Instructor in Engineering Drawing. He was advanced to an Assistant Professor in 1908 and to Professor in 1920. He served as Secretary of the College of Engineering from 1921 to 1930. From 1942 to 1944 he was Acting Chairman of the Department.

Professor Meiklejohn (known as "Uncle Bob") was loved and respected by thousands of students and faculty, who admired his unusual ability as a teacher and his exceptional skill in lettering and illuminations. From the time he returned to his Alma Mater in 1905 until the autumn quarter of 1963 he assisted in preparing the diplomas for the University. These diplomas were hand lettered until 1942 and since that time have been printed. Even though he was retired in 1952 after 47 years of active teaching, he continued to serve the University by helping the Department of Engineering Drawing with about two hours or more of work each day--almost 60 years of continuous service.

Professor Meiklejohn was the author of "Step-by-Step Solutions of Descriptive Geometry Problems" and was co-author with the late Thomas E. French of a volume on Essentials of Lettering, as well as a heavy contributor to the first edition of Engineering Drawing.

X. RESOLUTIONS IN MEMORIAM (continued)

A. Robert Meiklejohn (continued)

As a student he was treasurer of the senior class and a member of the Sigma Chi Fraternity, by which he was awarded a 50-year certificate in 1955. He also held memberships in Triangle and Texnikoi, engineering fraternities. He was an honorary member of the Student Senate for a number of years and was faculty representative on the campus "Boost Ohio" committee, now known as Ohio Staters Incorporated.

Professor Meiklejohn was the 25th person to be recognized by the Board of Trustees by being presented with the "Distinguished Service Award" for outstanding service rendered the University.

The University was his life. He loved the association with his many friends on the faculty where daily at the noon hour at the Faculty Club they enjoyed his friendly greetings, his keen sense of humor, his fine contributions in University background, and his unusually grand philosophy of life.

This campus has lost a truly great person--whose loyalty and devotion to his Department, to his College, and to his University have rarely been equalled. His students, colleagues, and friends rank Professor Robert Meiklejohn among those who have left an indelible impression on the 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.

B. Alfred James Wright

The Board of Trustees expresses its sorrow at the death on January 14, 1964, of Alfred James Wright, Professor of Geography.

Professor Wright was born in Middletown, Ohio, on May 10, 1897. He received the A. B. degree from the University of Michigan in 1922, the A. M. degree from the University of Pennsylvania in 1925, and the Ph. D. degree from the University of Michigan in 1934.

Professor Wright joined the faculty of The Ohio State University in 1928 as an Instructor after having taught at George School in eastern Pennsylvania and at the University of Pennsylvania. He attained the rank of Professor in 1948. At various times, he had served as Visiting Professor at Miami University and the University of Nebraska.

Professor Wright was a member of the Association of American Geographers and the Ohio Academy of Science. His sincere interest in and enthusiasm for the students of this University were reflected in his active participation and membership in such groups as Bucket and Dipper, Civitas, Sphinx, Ohio Staters Inc., and the Ohio Union Council. He served as an active advisor to several of these groups. In addition, he was a faithful member of Beta Gamma Sigma, the Commerce College honorary.

X. RESOLUTIONS IN MEMORIAM (continued)

B. Alfred James Wright (continued)

In his 35 years of service to this University, Professor Wright provided stimulation to students of all ages. He was a dynamic and successful classroom teacher whether involved with a group of freshmen in an introductory course or with a seminar of graduate students examining a particular facet of his field. His teaching was distinguished by sound principles not only of geography but of morality; by a devotion not only to the subject matter of a course but to the individual students who were participants with him in examining the geographic concept; and by an appreciation for scholarship and creative research.

His interest in the broad field of economic geography was translated into numerous studies involving aspects of industrial location as well as the geography of Ohio and the Nation. Three Development Fund grants aided his research and that of his students in the study of industrial location in Ohio.

Within the University community, Professor Wright gave generously of his time and talent. He was a devoted servant to this University and felt privileged to be a part of its life. Everyone who knew Alfred James Wright, whether within the University circle or those with whom he came into daily contact off campus, feels the deep loss of such a vital man.

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. Report on the Investment Portfolio

The report on the University's Investment Portfolio dated January 31, 1964 was presented to the Board of Trustees. The Secretary was instructed to file a copy of the report with the official records of the Board of Trustees.

B. Report on Highlights of University Activities

In concluding the meeting, President Fawcett reviewed some of the highlights of the University activities during the past month. The report, which is filed with the official records of the Secretary, included data on the number of Ph.D. degrees awarded since the early 1920's. The Ohio State University has climbed from fifteenth place to eighth among the nation's colleges and universities in the production of all doctoral degrees. The survey conducted by the National Research Council of the National Academy of Sciences revealed that from 1920-1961, Ohio State was fourth in the number of doctorates granted in the field of psychology and fifth in doctorates conferred in education. The President also called attention to the fact that Antenna Laboratory engineers have expressed satisfaction with initial operation of

February 14, 1964 meeting, Board of Trustees

XI. REPORTS (continued)

B. Report on Highlights of University Activities (continued)

the University's unique communication antenna system in receiving radio signals relayed from the new Echo II satellite. Initial development of the liquid hydrogen-liquid oxygen fuel which powered the second stage of the Saturn rocket in its first successful flight January 29 was conducted in Ohio State laboratories.

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Thereupon the Board adjourned to meet Friday, April 17, 1964, at The Ohio State University, Columbus, Ohio, at ten o'clock.

Attest:

John T. Mount
Secretary

Thomas F. Patton
Chairman

APPENDIX VI

Degrees Conferred at
THE OHIO STATE UNIVERSITY COMMENCEMENT
March 19, 1964

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GRADUATE SCHOOL

Dean: RICHARD ARMITAGE

Doctor of Philosophy

- David George Adams, S.M. (University of Chicago) Mansfield
*Dissertation: Nuclear Magnetic Resonance Studies of Some Grignard
Reagents and Organolithium Compounds*
Field of Specialization: Chemistry
- Thomas Leroy Alley, B.S.M.E. (Kansas State University); M.Sc.
Winfield, Kans.
*Dissertation: The Establishment of a Procedure for Selecting a Favorable
Method of Determining Natural Frequencies and
Natural Modes of Vibration of Multi-Degree-of-Freedom
Mechanical Systems, the Motions of Which Can Be De-
scribed by Linear Differential Equations*
Field of Specialization: Mechanical Engineering
- Schell Hilton Bodenhamer, B.S. in Agr., M.S. (University of Missouri)
Columbia, Mo.
*Dissertation: The Effects of Presenting Informative Speeches with and
without the Use of Visual Aids to Voluntary Adult Audi-
ences*
Field of Specialization: Agricultural Education
- Frank Harlen Brown, B.Sc. in Edu., M.A. Bedford
*Dissertation: Functional Interrelationships as Perceived by Supervisors
and Administrators in Various Positions in Selected
Northeastern Ohio School Systems*
Field of Specialization: Education
- Joseph David Brown, B.Sc. in Agr., M.Sc. Grove City
*Dissertation: An Analysis of Factors Affecting Week-to-Week Vari-
ations in Retail Margins for Selected Produce Items*
Field of Specialization: Agricultural Economics and Rural Sociology
- Peter Kong-Liang Cheo, B.S. (Aurora College, Illinois); M.S. (Virginia
Polytechnic Institute) Rockaway, N. J.
*Dissertation: The Measurement of Absolute Rotation through the
Interference Effect for Photons*
Field of Specialization: Physics
- James Robert Collier, B.S. (Rensselaer Polytechnic Institute); M.Sc.
Youngstown
*Dissertation: Determination of the Parameters Governing Electromag-
netic Wave Propagation in a Moving Plasma*
Field of Specialization: Physics
- Ralph Theodore Compton, Jr., S.B. in E.E. (Massachusetts Institute of
Technology); M.Sc. Bethesda, Md.
*Dissertation: The Admittance of Aperture Antennas Radiating into
Lossy Media*
Field of Specialization: Electrical Engineering
- David M. Cook, B.A., B.Sc. in Edu., M.A. Mansfield
Dissertation: Teaching the Short Story in the Secondary School
Field of Specialization: Education
- Howard Hayes Crouch, B.Sc. in Agr.; M.S. in Ed. (Westminster College)
Lockwood
*Dissertation: Criteria for the Construction of Community Junior Col-
lege Curricula*
Field of Specialization: Education

- Purnendu Datta, B.Sc., M.Sc. (University of Dacca) ; M.Sc.
 Calcutta, West Bengal, India
Dissertation: A Study of Macroglobulins
Field of Specialization: Physiological Chemistry
- Stanley Eugene Dewey, A.B. (Indiana University) ; M.A. (Kent State
 University) Columbus
*Dissertation: The Ohio Township as a Local Government Unit: A
 Study in Obsolescence and Adaptation*
Field of Specialization: Political Science
- Jess Boyd Eskridge, B.S., M.Opt. (University of California, Berkeley) ;
 M.Sc.....Worthington
*Dissertation: Investigation of the Horopter and the Apparent Frontal
 Plane*
Field of Specialization: Optometry (Physiological Optics)
- Michael William Fabian, B.S. (Grove City College) ; M.S. (Michigan
 State University).....New Wilmington, Pa.
*Dissertation: A Quantitative Study of the Predation of Fresh Water
 and Tropical Fish Fry by Cyclopoid Copepods*
Field of Specialization: Zoology
- Jeanne Delpierre Frankart, A.B. (Western College for Women) ;
 M.Ed. (Miami University).....Springfield
*Dissertation: Grammaticalness: Its Psychological Dimension and Re-
 lation to Habit*
Field of Specialization: Psychology
- Sanjib Kumar Ghosh, B.Sc. (Hons.) (University of Calcutta)
 Calcutta, India
Dissertation: Investigation into the Problems of Relative Orientation
Field of Specialization: Geodetic Science
- Robert Hayes Giles, Jr., B.S., M.S. (Virginia Polytechnic Institute)
 Covington, Va.
*Dissertation: The Ecology of a Small Forested Watershed Treated
 with the Insecticide Malathion-S³⁵*
Field of Specialization: Zoology
- Robert DeVere Glasgow, B.Sc. in Edu., M.A..... Columbus
*Dissertation: The Values of American Public School Teachers: A
 Trend Study, 1932-1962*
Field of Specialization: Education
- Vernon Chadwick Hall, B.Sc. in Educ. (University of Nebraska) ; M.A.
 Lincoln, Nebr.
*Dissertation: The Identification and Evaluation of Teachers with
 Varying Levels of Teaching Success*
Field of Specialization: Psychology
- Reginald James Harrison, B.Sc. (in Econ.) (University College of the
 South West of England) ; B.A. (Depauw University)
 Loughton, Essex, England
*Dissertation: Organisation and Procedure in the New Zealand
 Parliament*
Field of Specialization: Political Science
- Glenn Wilson Hatfield, Jr., B.A., M.A.....Seattle, Wash.
Dissertation: Fielding's Irony and the Corruption of Language
Field of Specialization: English

- Rudolph William Hirzel, B.S., M.S. (Michigan State University) . . . Toledo
Dissertation: The Effect of Commercial Processing Unit Operations on the Removal of Fallout from Green Beans (Phaseolus vulgaris)
Field of Specialization: Horticulture
- Nancy Anna Hoddick, B.S. (Boston University); M.A. (Cornell University)Hamburg, N. Y.
Dissertation: Personality Correlates and Degree of Satisfaction with Undergraduate Field of Specialization
Field of Specialization: Psychology
- William George Huber, A.B. (City College, New York); M.A. (University of Delaware)Circleville
Dissertation: The Relationship of Anxiety and of Adjustment to the Academic Performance of Institutionalized Retardates
Field of Specialization: Education
- Wayne Sanford Kaufman, B.Sc. in Edu., M.A.Cuyahoga Falls
Dissertation: The Effect of Football Equipment on Core Temperature, Heart Rate, Oxygen Uptake and Pulmonary Ventilation of Athletes during Exercise
Field of Specialization: Physical Education
- Karl Wilfred Kepner, B.Sc. in Dairy Tech., M.B.A.Hartford
Dissertation: Product Differentiation in the Fluid Milk Industry
Field of Specialization: Agricultural Economics and Rural Sociology
- John Alfred Kirker, B.S. in Ed. (Capital University); M.A.Columbus
Dissertation: A Proposed Plan for Pre-College Guidance in Secondary Schools
Field of Specialization: Education
- Peter Endre KordaColumbus
Dissertation: Critical Evaluation of the Theory of Shallow Shells and Application of Digital Computers to Mixed Boundary Value Problems of Shells
Field of Specialization: Engineering Mechanics
- Helen Florence Kriegsmann, B.S. in Ed., M.S. (Kansas State Teachers College of Pittsburg)Pittsburg, Kans.
Dissertation: Proposal for Integrating the Concepts of Plane and Solid Geometry Based on Student Thinking about the Concept of Dimension
Field of Specialization: Education
- Edward Bertil Lundquist, B.S. (University of Miami)Columbus
Dissertation: The Application of Thermal Infrared Radiation as a Heat Source in the Freeze-drying of Liquid Food Materials
Field of Specialization: Horticulture
- Lyle Lee Marsh, Jr., B.S. in Met.Eng. (Case Institute of Technology); M.Sc.Columbus
Dissertation: The Recrystallization and F.C.C. \rightleftharpoons H.C.P. Transformation in Cobalt-Iron Alloys by Transmission Electron Microscopy
Field of Specialization: Metallurgical Engineering
- Jaswant Raj Mathur, B.Sc. (University of Rajputana); M.Sc. Jodhpur, Rajasthan, India
Dissertation: Effect of Row Spacing, Uncropped Border Area, and Adjacent Varieties on Yields of Winter Wheat
Field of Specialization: Agronomy

- Floyd Guy McCormick, Jr., B.S., M.E. (Colorado State University)
Center, Colo.
*Dissertation: The Development of an Instrument for Measuring the
Understanding of Profit-maximizing Principles*
Field of Specialization: Agricultural Education
- Hans Joachim Mürbe.....Shelburne, Vt.
*Dissertation: The American Image of Germany Set Forth in Nine-
teenth-Century Travel Books*
Field of Specialization: English
- Philip William Murdick, D.V.M., M.Sc.....Columbus
Dissertation: The Electrical Activity of the Pregnant Sheep's Uterus
Field of Specialization: Veterinary Physiology
- Harry Stewart Nielsen, Jr., B.S., M.S. (Brigham Young University)
Ferron, Utah
*Dissertation: Virulence-Lipid-Dimorphism Relationships in Histoplasma
capsulatum*
Field of Specialization: Botany and Plant Pathology
- Henry Sylvester Paulin, B.S. in Educ. (Kent State University); M.A. Kent
*Dissertation: Ceramic Manufacturing Industry: Implications for Indus-
trial Arts Curriculum Development*
Field of Specialization: Education
- William Thomas Persick, B.Sc. in Edu. (University of Nebraska); M.A.
Grand Forks, N. Dak.
Dissertation: Three Concepts of Pottery
Field of Specialization: Art
- Hwang Wen Pu, B.Sc. (Taiwan Normal University); M.A.
Taipei, Taiwan, China
Dissertation: A Set-valued Integral
Field of Specialization: Mathematics
- Fentress Rhodes, Jr., B.S. in I.M. (Georgia Institute of Technology); M.S.
(George Washington University).....Jackson, Miss.
*Dissertation: Prediction of Target Difficulty from Psychophysical Judg-
ments of Image Characteristics*
Field of Specialization: Psychology
- John Merle Rife, Jr., B.A. (Muskingum College); M.A.....New Concord
Dissertation: The Political Career of Louis Barthou, 1889-1913
Field of Specialization: History
- Herbert Melvin Rosenberg, A.B. (Brooklyn College).....Dayton
*Dissertation: Molecular Orbital Correlations of the Acidity of Phenols
in the Ground and Excited States*
Field of Specialization: Chemistry
- Melvin Howard Rudov, B.S., M.S. (University of Pittsburgh).....Dayton
*Dissertation: An Analysis of Error Factors in a Human Information
Processing Task*
Field of Specialization: Psychology
- Roman Bronislaw Rutkowski, B.S. (Rutgers University); A.M.
(Columbia University).....Garfield Heights
Dissertation: The Assay of the Human Fibrinolytic System
Field of Specialization: Physiological Chemistry
- Robert Bruce Schweikart, A.B. (Wittenberg University); M.A.....Alliance
Dissertation: Radio-Telephone Network Programs in Medical Education
Field of Specialization: Speech

- Krishan Kanta Sharma, B.Sc. (University of Calcutta); M.Sc.
(Agra University).....Meerut, U.P., India
*Dissertation: The Role of Translocation of Water in the Upward
Translocation of Mineral Ions*
Field of Specialization: Botany and Plant Pathology
- Henry John Sredl, B.S., M.A. (New York University)
Upper Montclair, N. J.
Dissertation: A History of Industrial Arts from 1920 to 1964
Field of Specialization: Education
- Jane Frances Taylor, A.B. (University of Cincinnati); M.Sc.....Columbus
*Dissertation: The Effect of the Rh Blood Type of the Maternal Grand-
mother on the Occurrence of Erythroblastosis Fetalis in
the Grandchild*
Field of Specialization: Pathology
- N. Venkateswaran, B.Sc. (University of Madras); M.Sc. (University
of Saugor).....Bangalore, Mysore, India
*Dissertation: The Syntheses of 4'-Chloro and 4'-Bromo-10-Methyl-1,2-
Benzanthracenes*
Field of Specialization: Chemistry
- Lewis Walker, B.A. (Wilberforce University); M.A.....Fairfield, Ala.
*Dissertation: Matricentricity and Delinquency: A Study of the Re-
lation of Female-based Households to Delinquency and
Non-Delinquency among Negro and White Boys*
Field of Specialization: Sociology
- Harold Eugene Ward, B.A., M.A. (Marshall University)
Huntington, W. V.a
*Dissertation: Special Institute Science Courses in Academic Year
Institutes, 1962-1963*
Field of Specialization: Education
- Emily Davis Weed, B.Sc.....Huntsville, Ala.
*Dissertation: A Study of the Palladium II-Chloride Complexes in Aque-
ous Solution*
Field of Specialization: Chemistry
- Robert James Wherry, Jr., B.A., M.A.....Columbus
*Dissertation: Toward an Optimal Method of Equating Subgroups
Composed of Different Subjects*
Field of Specialization: Psychology
(Fifty-three candidates)

Master of Arts

- Katharine Neff Abbott, A.B. (Indiana University)....La Grange Park, Ill.
Field of Specialization: Journalism
- Richard Mathias Alzner, B.A., B.Sc. in Edu.....Columbus
Field of Specialization: Education
- Donna Browder Brown, B.Sc. in Edu.....Columbus
Field of Specialization: Education
- Evan Burr Bukey, B.A. (Ohio Wesleyan University).....Cincinnati
Field of Specialization: History
- Norman Joseph Cellini, B.Sc. in Edu.....Crestline
Field of Specialization: History
- Leslie Leroy Chesnut, B.Sc. in Edu.....Galloway
Field of Specialization: Education

- William Robert Cleland, B.A.....Cuyahoga Falls
Field of Specialization: History
- Wilma Olney Compton, B.A.....Columbus
Field of Specialization: English
- Donald Stephen Elder, B.A. (Kalamazoo College).....Niles, Mich.
Field of Specialization: German.....
- Iris Maybruck Epstein, B.Sc. in Edu.....Springfield
Field of Specialization: Education
- Marjorie Henderson Feitis, B.A. (University of Washington)
Glendale, Calif.
Field of Specialization: Political Science
- Donald Lee Fjellin, B.A. (University of Omaha).....Omaha, Nebr.
Field of Specialization: Psychology
- Kristine Ottesen Garrigan, A.B. (Denison University)..Charleston, W. Va.
Field of Specialization: English
- William George Haas, B.A.....Cleveland
Field of Specialization: Slavic Languages
- Robert Eugene Heet, A.B. (University of Dayton); B.Sc. in Edu..Columbus
Field of Specialization: Education
- John Alexander Heinz, B.A. (University of Washington)
San Luis Obispo, Calif.
Field of Specialization: Education
- Theodore Lee Jahn, Mus.B. (Oberlin College).....Spokane, Wash.
Field of Specialization: Music
- Joan Lee Kelly, B.A. (Inter-American University of Puerto Rico)
New Orleans, La.
Field of Specialization: English
- Duane Henry Lipe, A.B. (Nebraska Wesleyan University)...Lincoln, Nebr.
Field of Specialization: Psychology
- Paul Vernon Lorton, Jr., A.B. (University of California, Los Angeles)
Atherton, Calif.
Field of Specialization: Psychology
- John Godfrey Mauritz, B.S. (Wisconsin State College, Oshkosh)
Oshkosh, Wis.
Field of Specialization: Education
- Franklin Miller, A.B. (Oberlin College).....Gambier
Field of Specialization: Art
- Deborah Hubbard Nelson, B.S. in Ed. (Wittenberg University)..Columbus
Field of Specialization: Romance Languages (French)
- Helen Mary Nesper, B.A. (University of Melbourne, Australia)..Cleveland
Field of Specialization: Slavic Languages
- Thomas Molloy Pogue, A.B. in Ed. (University of Kentucky)....Columbus
Field of Specialization: Physical Education (Health Education)
- Barry Warren Poulson, B.A. (Ohio Wesleyan University).....Columbus
Field of Specialization: Economics
- Kathleen Marie Rolfe, B.Sc. in Soc.Adm.....Columbus
Field of Specialization: Sociology

- Paul Leroy Sarchet, B.A. (Muskingum College) Circleville
Field of Specialization: Education
- Renee Schnider Sattin, B.Sc. in Edu. Cleveland
Field of Specialization: Psychology
- Austin Emery Showman, B.A. (Fenn College) Hilliard
Field of Specialization: Journalism
- Gordon Robert Thomas, B.A. (University of Washington)
 Sacramento, Calif.
Field of Specialization: Slavic Languages
- Marilyn Lange Vogt, A.B. (Wayne State University) Columbus
Field of Specialization: English
- Val Sweyn Vore, B.Sc. in Edu. Columbus
Field of Specialization: Music
- Hal Huntington Wyss, B.A. (Wesleyan University, Connecticut) . . Delaware
Field of Specialization: English
- Georgette Marie Zirbes, B.A. (DePauw University) . . . Redwood City, Calif.
Field of Specialization: Art
- Virginia Barrett Zollinger, B.S. in Edu. (Capital University) . . . Columbus
Field of Specialization: Education

(Thirty-six candidates)

Master of Business Administration

- John George Ignarski, A.B. in Ed. (University of Kentucky)
 South Milwaukee, Wis.
Field of Specialization: Business Organization
- William Henry Matthews, B.B.A. (Saint Mary's University of
 San Antonio) Fairborn
Field of Specialization: Business Organization
- Edward Alfred Moats, B.Sc. in Bus. Adm. Chillicothe
Field of Specialization: Business Organization
- Russell Dale Morris, B.Sc. in Bus. Adm. Canal Winchester
Field of Specialization: Business Organization
- Mohamed Adnan Najjar, B.A. (Damascus University) Hama, Syria
Field of Specialization: Business Organization
- George John Patson, B.A. (New Jersey State Teachers College
 at Montclair) Wayne, N. J.
Field of Specialization: Business Organization

(Six candidates)

Master of Education

- Carl Althausen Boehm, B.Sc. in Agr. Barnesville
Field of Specialization: Agricultural Education
- John Edward James, A.B. (Glennville State College, West Virginia)
 Columbus
Field of Specialization: Education
- Richard Clinton McNutt, B.Sc. in Agr. Dunkirk
Field of Specialization: Agricultural Education

(Three candidates)

Master of Medical Science

- Andrew Walter Botschner, B.S., M.D. (Western Reserve University)
Columbus
Field of Specialization: Obstetrics and Gynecology
- Joel Gordon Wachtel, A.B. (Western Reserve University); M.D...Cleveland
Field of Specialization: Ophthalmology
- Robert Lee Westerheide, B.S. (University of Dayton); M.D.
(Saint Louis University).....New Bremen
Field of Specialization: Surgery
(Three candidates)

Master of Science

- Abdulmuniem Husein Abdallah, B.S. (American University of Cairo); B.S.
(Pharm) (University of Kentucky).....Ramallah, Jordan
Field of Specialization: Pharmacy
- Leo Gelvosa Agustin, B.S. in Ag. (University of the Philippines)
Hinigaran, Negros Occidental, Philippines
Field of Specialization: Agronomy
- Don L. Baker, B.M.E. (General Motors Institute).....Elyria
Field of Specialization: Engineering Mechanics
- David Allen Bankes, B.S. Ag. (University of Delaware) ...New Castle, Del.
Field of Specialization: Horticulture
- Gary Lee Beeler, B.Ch.E.....Lima
Field of Specialization: Chemical Engineering
- Duane Marshall Benton, A.B. (Ashland College).....Savannah
Field of Specialization: Chemistry
- Roland Melvin Bertka, B.A. (Taylor University); B.S.E.E. (Purdue
University).....Marion
Field of Specialization: Electrical Engineering
- Jane Pycraft Bibler, A.B. (Miami University).....Lorain
Field of Specialization: Chemistry
- Joseph Leon Block, A.B. (Colgate University).....New Hyde Park, N. Y.
Field of Specialization: Physics
- Carl Robert Blue, B.Sc. in Agr.....Ravenna
Field of Specialization: Agricultural Economics and Rural Sociology
- James Vermilya Boyer, D.D.S.....Norwalk
Field of Specialization: Dentistry
- James Eugene Bradley, B.S. (Muskingum College).....Columbus
Field of Specialization: Geology
- Donald Gray Chafin, B.S. (Virginia Polytechnic Institute).....Riner, Va.
Field of Specialization: Agricultural Economics and Rural Sociology
- Herbert Denison Chamberlain, Jr., B.Sc. in Agr.....Jackson
Field of Specialization: Agricultural Education
- Jerry Earl Chess, D.D.S.....Warren
Field of Specialization: Dentistry
- Thomas Edmund Christie, D.D.S. (University of Pennsylvania)
Westport, Conn.
Field of Specialization: Dentistry

- Gordon David Clark, B.Sc. in Rest.Mgt.....Lima
Field of Specialization: Horticulture
- Thomas David Cooper, Met.Engr. (University of Cincinnati) Vandalia
Field of Specialization: Metallurgical Engineering
- William Campbell Corder, B.Ch.E.....North Kenova
Field of Specialization: Chemical Engineering
- Luis Carlos Cortes.....Caracas, Venezuela
Field of Specialization: Chemistry
- Dante Anthony DeAngelo, A.B. (Ohio University); D.D.S.... Youngstown
Field of Specialization: Dentistry
- Robert William DeShields, D.D.S.....Shaker Heights
Field of Specialization: Dentistry
- Terry Lee Devine, B.S. (Central Michigan University) Van Wert
Field of Specialization: Zoology
- Dale Thomas Duff, B.Sc. in Agr.....Columbus
Field of Specialization: Agronomy
- Robert Irvin Emmert, B.S.E.E. (University of Arkansas) Columbus
Field of Specialization: Electrical Engineering
- Herbert Irwin Fleischer, B.S. (Brooklyn College) Brooklyn, N. Y.
Field of Specialization: Mathematics
- Myron William Gallogly, B.M.E..... Mt. Vernon
Field of Specialization: Mechanical Engineering
- Melvin Morris Goldberg, B.S. in Met.E. (University of Pennsylvania)
Allentown, Pa.
Field of Specialization: Metallurgical Engineering
- Kenneth George Gould, Jr., B.A., M.D. (Duke University) Tampa, Fla.
Field of Specialization: Physiology
- Myron Floyd Greene, B.I.E..... Bellaire
Field of Specialization: Industrial Engineering
- John Amos Grove, B.Sc. in Agr.....North Jackson
Field of Specialization: Animal Science
- Pensri Guptavanij, B.S. (Chulalongkorn University); M.D. (University
of Medical Sciences) Bangkok, Thailand
Field of Specialization: Zoology and Entomology
- Richard Allen Hahn, B.Sc. in Phar..... Columbus
Field of Specialization: Pharmacy
- Diane Hoof Hanson, B.A. (Blackburn College) Columbus
Field of Specialization: Anatomy
- Robert Edwin Hastings, B.Sc. in Agr..... Wooster
Field of Specialization: Agronomy
- Martin Thomson Hetherington, B.S. in Ed. (Miami University) .. Avon Lake
Field of Specialization: Zoology
- Peter Felix Hille, B.E.E..... Columbus
Field of Specialization: Electrical Engineering
- Benjamin Horne, B.S.E. (Princeton University) Columbus
Field of Specialization: Electrical Engineering

- Arie Janssens, B.S. (Kent State University) Kent
Field of Specialization: Geology
- William de Coursey Jeffers, D.I.T.C.A. (Imperial College of Tropical
 Agriculture) Plymouth, Montserrat, W. I.
Field of Specialization: Horticulture
- Elizabeth Anne Joering, B.S.H.E. (University of Cincinnati) Cincinnati
Field of Specialization: Home Economics
- Hugh Paul Johnson, B.S. (United States Military Academy)
 Panama City, Fla.
Field of Specialization: Civil Engineering
- Gary Garcia Kelly, B.A. (Louisiana State University) New Orleans, La.
Field of Specialization: Geodetic Science
- Kenneth Richard Kimble, B.Sc. Lima
Field of Specialization: Mathematics
- Eugene Martin Klimko, B.Sc. Campbell
Field of Specialization: Mathematics
- Ahmet Hamdi Koyunguden Bursa, Hocahasan, Turkey
Field of Specialization: Agricultural Economics and Rural Sociology
- George Arthur Lanciault, B.S. in Phar. (Union University) . . Cohoes, N. Y.
Field of Specialization: Pharmacy
- Wilson Earl Lehman, B.E.E. Mt. Sterling
Field of Specialization: Electrical Engineering
- Donald Gene Lubnau, B.E.E. Baltimore, Md.
Field of Specialization: Electrical Engineering
- Robert Melville MacAllister, D.D.S. (McGill University, Canada)
 Vancouver, B. C., Canada
Field of Specialization: Dentistry
- Charles Robert Mayer, B.S. (University of Illinois) Troy, Ill.
Field of Specialization: Electrical Engineering
- *Ronald Ashley McMaster Woodville
Field of Specialization: Mechanical Engineering
- Robert George McNamee, B.E. (Youngstown University) Youngstown
Field of Specialization: Electrical Engineering
- Roger Jeffrey McNichols, B.I.E. Columbus
Field of Specialization: Industrial Engineering
- Ram Narayan Lal Muralia, B.Sc. (Ag.) (University of Rajasthan)
 Udaipur, Rajasthan, India
Field of Specialization: Horticulture
- Robert Charles Murray, A.B. (Albion College) Grand Rapids, Mich.
Field of Specialization: Zoology
- Nelson Peter Mwanza, B.Sc. (University of London)
 Zomba, Nyasaland, Africa
Field of Specialization: Botany and Plant Pathology
- Richard Lloyd Nelson, E.E. (University of Cincinnati) Worthington
Field of Specialization: Industrial Engineering
- David Arthur Nippert, B.I.E. Columbus
Field of Specialization: Industrial Engineering
- James Carroll Notestine, B.Agr.E. Lewistown
Field of Specialization: Agricultural Engineering

* Two degrees

- Festus Ifeanyichuku Onwubiko Nwoke, B.Sc. (Honours) (University of London) Aguata, Awka, Nigeria
Field of Specialization: Botany and Plant Pathology
- Thomas Ovid Oesterling, B.Sc. in Phar..... Butler, Pa.
Field of Specialization: Pharmacy
- Sharon Cottrill Parker, B.S. (West Virginia Wesleyan College) Weston, W. Va.
Field of Specialization: Physiological Chemistry
- Manjoola Siddharth Patel, B.Sc., M.Sc. (University of Baroda) Bombay, India
Field of Specialization: Botany and Plant Pathology
- Gedeon Daniel Petit, A.B. (Saint Anselm's College) Suncook, N. H.
Field of Specialization: Zoology
- Wallace Juan Pobst, B.S. (University of California, Los Angeles) Scottsdale, Ariz.
Field of Specialization: Chemistry
- Bertram Phillip Price, A.B. (Wittenberg University) Cleveland
Field of Specialization: Mathematics
- John Edward Price, D.D.S..... Dayton
Field of Specialization: Dentistry
- Krishna Chandra Pundrik, B.Sc. (Ag.) (University of Rajasthan) Udaipur, Rajasthan, India
Field of Specialization: Horticulture
- Robert Andrew Reyda, B.Sc. in Agr..... Akron
Field of Specialization: Horticulture
- Terrence LaVerne Rich, B.S. (United States Military Academy) .. Cincinnati
Field of Specialization: Civil Engineering
- Robert William Ross, B.S.C.E. (Duke University) Mansfield
Field of Specialization: Civil Engineering
- Herbert J. Roth, B.Sc. in Agr..... Wauseon
Field of Specialization: Agricultural Economics and Rural Sociology
- Willard Travis Rushton, B.S. (Ag.Ec.) (Agricultural and Mechanical College of Texas) Kingsville
Field of Specialization: Agricultural Economics (Rural Sociology)
- Phillip Michael Russo, B.S.E.E. (Purdue University) Willoughby
Field of Specialization: Electrical Engineering
- David Eugene Scott, B.Sc..... Columbus
Field of Specialization: Physiology
- Harold William Scott, B.Sc. in Agr..... Wooster
Field of Specialization: Animal Science
- Dennis Carl Shultz, B.S. (Manchester College) Arcanum
Field of Specialization: Chemistry
- William Sickman Stinson, Jr., B.Sc. in Agr..... Clinton
Field of Specialization: Horticulture
- Aysun Sualp, B.S. (University of Missouri) Ankara, Turkey
Field of Specialization: Civil Engineering

- Gabor Stephan Szava-Kovats.....Columbus
Field of Specialization: Geodetic Science
- Thomas Orlo Thatcher, B.Sc. in Agr.....Columbus
Field of Specialization: Zoology
- Donald Raymond Theado, B.E.E.....Columbus
Field of Specialization: Electrical Engineering
- Elizabeth McBride Thompson, B.Sc.....Westerville
Field of Specialization: Zoology
- Wallace Tilden Thompson, B.E.E.....Columbus
Field of Specialization: Electrical Engineering
- David Winslow Thomson, B.A., B.S. in Chem. (State University of Iowa)
Mt. Vernon, Ia.
Field of Specialization: Chemistry
- James Bertram Tichy, B.Sc. in Phys.....Fairview Park
Field of Specialization: Physics
- Michael George Van Winkle, B.Sc.....Rocky River
Field of Specialization: Microbiology
- Paul Arlen Wagstaff, B.A.....Lakeview
Field of Specialization: Microbiology
- David Brooks Warner, B.S. (Otterbein College).....Columbus
Field of Specialization: Civil Engineering
- Ralph Edward Wharton, B.A. (Ohio Wesleyan University).....Centerburg
Field of Specialization: Geology
- Gerald Gene Wilson, B.A.A.E.....West Liberty
Field of Specialization: Aeronautical and Astronautical Engineering
- Lowell O. Wilson, B.Sc. in Agr.....Marysville
Field of Specialization: Agricultural Education
- Durmaz Yazgan, B.E.M.....Diyarbakir, Turkey
Field of Specialization: Physics
- Donald Eugene Yingst, B.Sc. in Agr.....Covington
Field of Specialization: Horticulture
- John Daoud Youssef, B.S. in Ag. (American University of Beirut)
Beirut, Lebanon
Field of Specialization: Agricultural Economics and Rural Sociology
 (Ninety-six candidates)

**Master of Science
 in Public Administration**

- Robert James Baldwin, B.C.S. (Drake University).....Reynoldsburg
Field of Specialization: Political Science
- Gordon John Dobler, B.S.P.H. (University of Michigan).....Columbus
Field of Specialization: Political Science
 (Two candidates)

Master of Social Work

Marjorie Johnson Diuguid, A.B. (West Virginia State College) Dayton
Field of Specialization: Social Work

Mary Ann Oliver Miree, A.B. (University of Cincinnati) Cincinnati
Field of Specialization: Social Work

(Two candidates)

CANDIDATES FOR TWO DEGREES

- Gwendolyn Ruth Bowers.....Dayton
Bachelor of Arts
Bachelor of Science in Education
- Marilyn Kay Cogswell.....Marysville
Bachelor of Arts
Bachelor of Science in Education
- Susan Helen Elsasser.....South Euclid
Bachelor of Arts
Bachelor of Science in Education
- Judith Ann Katz.....Worthington
Bachelor of Arts
Bachelor of Science in Education
- Judith Diane Speert.....Dayton
Bachelor of Arts
Bachelor of Science in Education
- Ronald Ashley McMaster.....Woodville
Master of Science
Bachelor of Mechanical Engineering (cum laude)

(Six candidates)

COLLEGE OF AGRICULTURE AND HOME ECONOMICS

Dean: ROY M. KOTTMAN

Bachelor of Science in Agriculture

John Allan Balazs (with Distinction in Horticulture)	Cleveland
Larry Postle Bates	Columbus
Robert Ellsworth Bowers, Jr.	Urbana
Raymond Jacob Bricker	Salem
Edgar Clayton Buck	Gibsonburg
Ronald Eugene Clark	West Unity
William Lee Crist	Homeworth
Stanley Ray Gahn	Fremont
Neal Sewell Gregory	Jamestown
Thomas Leroy Haschen	Salem
Jack Lee Hopper	Worthington
Donald Wayne Hughes	Zanesfield
Charles Norman Ihle	Racine
James Virgil Justus	Columbus
Ronald Ernest Kampfer	Salineville
Byron Dale Kerschner	Grove City
Edward Lloyd Kimmey	Mt. Gilead
John Mitchell Lynd	Columbus
James Irvin Mann	Jerusalem
John Harlan McClelland	Fredericktown
Robert Mallarnee McConnell	Tippecanoe
Jeffrey Scott Mehring	Shaker Heights
Gerald Emanuel Miller	Luckey
Edwin Herman Otte	Defiance
Charles Albert Otto	St. Marys
Robert Stevens Park	Urbana
Frederick Warren Roeth	Houston
Thomas Carroll Stilwell	Piqua
Lynn LaMar Stuckey	West Unity
Clair Stanley Zimmerman	Spencerville

(Thirty candidates)

Bachelor of Science in Home Economics

Dorothy Sue Baughman	Powell
Nancy Alice Bowen	Columbus
Carol Jane Culler	Lucas
Susan De Lor	Columbus
Jo Nora Ellis	Lancaster
Nancy Jane Evans	Reynoldsburg
Norma Jean Frank	Fresno
Marlene Lois Gelfand	University Heights
Carolyn Sue Hayes	Covington
Kay Wolff Hicks	Columbus
Susan Loretta Jones	Youngstown
Karen Lucile Kiser	Canton
Barbara Ann Lebold	Dover
Cheryl Evans Leiss	Circleville
Emily Jane Lindeman	Cincinnati

Alice Kathryn Long.....St. Paris
 Betty Maki Price.....Orrville
 Harriet Linebaugh Scott.....Grove Ctiy
 Donna Frances Simons.....Akron
 Judith Smith Trishman.....Columbus
 Elizabeth Ann Williams.....Athens
 Ann Elizabeth Yarrington.....Marysville

(Twenty-two candidates)

COLLEGE OF ARTS AND SCIENCES

Dean: J. OSBORN FULLER

Bachelor of Arts

Bonnie Thomas Abbott.....	Quincy
Richard Marion Bachtel.....	Massillon
John Thomas Bender.....	Columbus
Robert Carroll Bernow.....	Prospect
Celia Bidwell (summa cum laude).....	London
Bonnie Marie Bower.....	Columbus
*Gwendolyn Ruth Bowers.....	Dayton
Gary Lynn Bowman.....	Findlay
Huyen Trang Bui-Thi.....	Saigon, Vietnam
Calvin Duane Callender.....	Washington C.H.
*Marilyn Kay Cogswell.....	Marysville
Darlene Sue Cohen.....	Columbus
Richard Jacob Daniels.....	Mariemont
Charles Richard Donovan.....	Columbus
*Susan Helen Elsasser.....	South Euclid
Stuart Leslie Fauver.....	Oberlin
Charles Garwood Fenton.....	Sandusky
Thomas Robert Finneran.....	Columbus
Perry Gary Fish.....	Rockville Centre, N. Y.
William Alfred Fortsch.....	New Hyde Park, N. Y.
Gerald Henry Galbreath III.....	Columbus
William John Glueck.....	Cincinnati
Thomas Matthew Hackett.....	Columbus
Jan Hanzel.....	Wooster
Sharon Lynn Hoffman.....	Steubenville
John Thomas Hopkins.....	Jeromesville
Joseph Edward Hughes, Jr.....	Youngstown
Jerry Myron Jacobson.....	Cleveland Heights
Theodore William Jenkins.....	Barberton
Thomas Fredrick Johnson.....	Columbus
*Judith Ann Katz.....	Worthington
Jill Carol Kupin.....	Great Neck, N. Y.
David Stanley Lessem.....	Columbus
James Allen Lewis.....	Galion
Elizabeth Jane MacLearie.....	Chagrin Falls
William Ernest McElhaney.....	Hebron
Robert Caywood Mercer.....	Bowling Green
Thomas Ludwig Minnick (cum laude).....	Parma
Roger Allan Mitchell.....	Newark
Patricia Kay Morse.....	Cleveland
To-Thi Nguyen.....	Saigon, Vietnam
Ralph Stanley Pollock, B.Sc.....	Toledo
Martha Anne Potter.....	Worthington
Thomas Lynn Rapp.....	Dayton
Ronald Alan Rappoport.....	Youngstown
Thomas Mason Richardson.....	Waynesburg
Roberta Mae Robin.....	Columbus
William Russell Robinson.....	Pittsburgh, Pa.
Ellen Schmitt.....	Queens Village, N. Y.
Eileen Frances Silver.....	North Woodmere, N. Y.

* Two degrees

Ronald Keith Silversten.....	Wheeling, W. Va.
Diane Lee Simison.....	Newark
Denis Edward Skora.....	Columbus
Heloise Carole Sokoloff.....	Merrick, N. Y.
*Judith Diane Speert.....	Dayton
Elise Marie Spencer.....	Cleveland
John Alexander Spoff.....	Worthington
Robert George Squire, Jr.....	Burton
John Griffith Steed.....	Dayton
Diana June Talbott.....	Jackson
Olivia Ella Teter.....	Galion
James Wayne Veronesi.....	Adena
Thomas Lee Wharton.....	Middletown, N. J.
Roland Arthur Wobbe.....	Springfield
Bonnie Austin Woodruff.....	Columbus

(Sixty-five candidates)

Bachelor of Science

Barbara Shoup Aue.....	Germantown
Glenn Lee Bredemeyer.....	Cincinnati
Thomas Harold Connors.....	Toledo
George Edward DeBorde III.....	Miami, Fla.
Richard David Dolbec.....	Columbus
Richard David Eastep.....	Springfield
Donald Francis Eggeman.....	Delphos
Carol Edna Ehrnsberger.....	Lakewood
Ronald Charles Fox.....	Green Springs
Jimmy Richard Galford.....	Columbus
George Roger Hamilton.....	Rayland
Thomas Philip Hart.....	Cleveland
Jack Foster Hastings.....	Avon Lake
Gerhard Arno Hauptmann.....	Columbus
William Hilton, Jr.....	Martins Ferry
Linda Kay Hiser.....	Columbus
John Louis Hughes.....	Springfield
David Maxson Huntley.....	Bryan
Irving Lee Kaplan.....	Cleveland
David Joel Kinzelman.....	Columbus
Lyn Klaiber.....	South Euclid
Thomas Michael Kneisley.....	Dayton
Charles Richard Krause.....	Columbus
James Lee Lager.....	Maumee
Sondra Lee Maksim.....	Ft. Myers, Fla.
Faunna Lynn Matheny.....	Logan
David Leigh McConagha.....	Reynoldsburg
James Michael McKisic.....	San Diego, Calif.
Landon Eugene McManis.....	Mt. Vernon
Carl Franklin Miller.....	Ostrander
William George Miller.....	Toledo
Edgar Morris Price.....	Uhrichsville
John Michael Rice.....	Columbus
Robert John Ripich.....	Canton
William Denny Robertson.....	Akron
John Sandford Roesch.....	Massillon
John Allison Rolls.....	Cincinnati

* Two degrees

Margery Jennie Schafer.....New Richmond
 Robert Lloyd Shagrin.....Youngstown
 Judith Ann Smith.....Zanesville
 John William Spies.....Columbus
 Karen Stevens.....Euclid
 Michael Andrew Wasylik.....Dover
 Joseph Aloysius Weingates (summa cum laude).....Fostoria
 Ralph Jay Weinstein.....New York, N. Y.
 John Wilson Westman.....Rochester, N. Y.
 John Paul Woodruff.....Shelby

(Forty-seven candidates)

**Bachelor of Science
 in Medical Technology**

Dorothy Ann Bockbrader.....Walbridge
 Emily Marie Dierken.....Spring Valley
 Jane Hardesty Flatt.....Rocky River
 Margaret Ruth Kline.....Dayton
 Janet Ann Lineback.....Cincinnati
 Joyce Belt McCabe.....Columbus
 Kathie Pauline Mowrer.....Columbus
 Marlene Joyce Weinbren.....East Liverpool

(Eight candidates)

SCHOOL OF JOURNALISM

Bachelor of Arts

Donna Engle Boller (cum laude).....Manchester, Md.
 Mary Margaret Griffith.....Shelby
 Joseph David Rice.....Pikesville, Md.

(Three candidates)

COLLEGE OF COMMERCE AND ADMINISTRATION

Dean: JAMES R. MCCOY

Bachelor of Science in Business Administration

Harold Vance Abraham.....	Columbus
Leslie Barton Abramovitz.....	Youngstown
David Keith Arras.....	Findlay
Richard Allen Bavetz.....	Euclid
Leonard Eugene Berry.....	Loganville, Ga.
Boyd Fletcher Bilger.....	Hicksville
William Franklin Bippus.....	Dayton
John Hemphill Bowman.....	Columbus
Donald Anthony Breen.....	Pittsburgh, Pa.
Maurice Randolph Buchsbaum.....	Columbus
Stephen Michael Buttress.....	Columbus
Henry Childs Christopher, Jr.....	Fort Payne, Ala.
LeRoy Coffey.....	Dayton
Sanford Richard Cohen.....	Akron
Stephen Michael Collins.....	Dayton
Orlando Francis Costanzo.....	Cleveland
Jerome Phillips Distel.....	Portsmouth
William Howard Doerr.....	Columbus
Thomas David Driskell.....	Columbus
Kathleen Ellen Dunkle.....	Columbus
Fred William Emley.....	Mt. Vernon
Boyd Bernarr Ferris.....	Loudonville
Robert Louis Fuller.....	Columbus
James Robert Goslee III.....	Bellefontaine
Lawrence Edward Guffey.....	Columbus
William Francis Hemmert.....	Dayton
William Wesley Hess.....	Springfield
David Arthur Howe.....	Columbus
James Malcolm Howe.....	Columbus
David Falknor Hutchinson.....	Akron
Henry George Kobulnicky.....	Perry
Michael John Kormos.....	Lyndhurst
Harry Lange Krieger, Jr.....	Columbus
Ronald Frank Krulich.....	Euclid
Norma Jean Landry.....	Rocky River
Charles Thomas Leighton.....	Newark
Harold Sanford Maggied, B.A.....	Columbus
Paul Frederick Martin.....	Columbus
James Harold Maurice.....	Katonah, N. Y.
Kenneth Paul Mitchell.....	Marion
Richard William Mitchell.....	Columbus
Jorge Shojiro Mukoyama.....	Valencia, Venezuela
James Robert Neuhart.....	Columbus
Paul Larmer Newhart.....	Worthington
Thomas Allyn Niehaus.....	Fairfield
Nancy Kelley Noecker.....	Chillicothe
Richard Allen Norris.....	Columbus
James Freeman Pearson.....	West Milton
Paul D. Potter.....	Roscoe, Tex.
Roger Allen Remlinger, A.B. (Ohio University).....	Prospect
Mary Helen Roberts.....	Bellefontaine

Charles Edward Roope.....Columbus
 Barbara Palmer Schindler.....Cincinnati
 Stanley Bruce Segall.....Youngstown
 David Lee Shoup.....Tipp City
 Peter Hill Skepstedt.....Columbus
 Joseph James Snabl, Jr.....Columbus
 David Randolph Thrasher.....Dayton
 Warren Herbert Tisdale.....Lorain
 William Henry Upperman.....Amlin
 George Henry Welliver, Jr.....Westfield, Mass.
 Jonathan Fred Williams.....Ormond Beach, Fla.

(Sixty-two candidates)

**Bachelor of Science
 in Social Welfare**

Irene Louise Humphrey.....Columbus
 Valerie Jean King.....Rochester, N. Y.
 Barbara Jo Michaelson.....Columbus
 Patsy Shoemaker Miller.....Columbus
 Betty Lillian Skobrak.....Columbus
 Linda Ann Warner.....Painesville

(Six candidates)

COLLEGE OF EDUCATION

Dean: DONALD P. COTTRELL

Bachelor of Science in Education

Pauline Turberg Aaron.....	Hamilton
Janet Sue Adams.....	Columbus
Patricia Anne Adams.....	Yorkville
Carole Lynn Adelstein.....	Shaker Heights
Carol Ann Angene (cum laude).....	Bucyrus
Wilbur Lee Angles.....	Wellston
Gerald Lee Annis.....	Waverly
Rozelle Estreicher Atkins.....	Cleveland
Barbara Cordle Ball.....	Columbus
John Joseph Beck.....	Columbus
Lenore Elizabeth Bell.....	Pittsburgh, Pa.
Carol Ann Benasky.....	Cleveland
Marcia Lynne Blair.....	Youngstown
Wendelyn Houghton Borland.....	Columbus
*Gwendolyn Ruth Bowers.....	Dayton
Rona Elayne Brotkin.....	Piqua
Stanley Arthur Burkett.....	Bellevue
Howard Allen Butler.....	Columbus
Donna Rose Marie Calcara.....	Columbus
Karen Patricia Cline.....	Mansfield
Ronnie Lee Coder.....	Magnetic Springs
Rona Ellen Coganow.....	Zanesville
*Marilyn Kay Cogswell.....	Marysville
Linda Triger Cohen.....	Canton
Bonnieta Lew Cone (cum laude).....	Madison
Jean Aerial Corwin.....	Paulding
James Edward Davis.....	Akron
Mary Truitt Dawson.....	Worthington
Gene Royce Delaplane.....	Upper Sandusky
Bonnie Mae Detwiler.....	Bellefontaine
Frayda Miriam Deutsch.....	Long Beach, N. Y.
Nancy Anne DeVoe.....	South Solon
Diann Sandra Doudna.....	Canton
Sarah Gilbert Eggers.....	Twinsburg
Bonita Kay Egnew.....	Toledo
*Susan Helen Elsasser.....	South Euclid
Madeline Ernst.....	Dayton
Lawrence Joel Evans.....	Beachwood
Lynne Feldman.....	Toledo
Ronald Gayle Ferguson.....	Xenia
Sonia Gold Fesman.....	Columbus
Caroline Stella Florea.....	Blanchester
Sheila Miriam Fraigon.....	Shaker Heights
Herbert Noah Frankel.....	Cincinnati
Janis Gibson Fritz.....	Berlin Center
Gerald Michael Galloway, A.B. (Ohio University).....	Columbus
Sheila Welch Ganch.....	Toledo
Joanne Stewart Garbe.....	Dayton
Donna Rae Gillespie.....	Jackson

* Two degrees

Judy Lee Glass (cum laude).....Xenia
 June Seemann Gomez de Molina.....Dayton
 Janice Ruth Goodman.....Toledo
 Judy Gail Gross.....University Heights
 Marilyn Jean Hardee.....Akron
 Leo Arden Haycook.....Bucyrus
 Thomas Allan Hephner, B.S. in B.A. (Kent State University)....Columbus
 Marilyn Hanger Hicks.....Columbus
 Dona Jones Hobbs.....Columbus
 Donald Paul Hodgson.....Columbus
 Joyce Detwiler Hostetler.....Leetonia
 Tressa Joan Houghton.....Bedford
 Keith Eldon Jenkins, B.Sc. in Dairy Tech.....Cleveland
 Willard Charles Johnson.....La Grange
 Robert Christian Jonas III.....Columbus
 Leif Mari Jonassen, Jr.....Euclid
 Mina Karlin.....Oklahoma City, Okla.
 *Judith Ann Katz.....Worthington
 Robert Joseph Klein.....Athens, Mich.
 William Lewis Kolar.....Berlin Heights
 Mary Ellen Ladrach.....Wooster
 Martha Washburn Landes (cum laude).....Columbus
 Lawrence John Lapinski.....Bound Brook, N. J.
 Phyllis Cox Lawson.....Middletown
 Eve-Sandra Lerner.....Huron
 Sharon Ann Levine.....Passaic, N. J.
 Jaye Slaughter Lincicome.....Canal Winchester
 Diane Louise Locey (cum laude).....Columbus
 Eileen Francis Lyson.....Maple Heights
 Nancy Elizabeth Lyss.....Bay Village
 Rosalie McClain.....Upper Sandusky
 Arlene Mendelson (summa cum laude).....University Heights
 Lindley David Moore.....Bethel
 John Andrew Moss.....Columbus
 William Mrukowski.....Elyria
 William Anthony Muraco.....Cleveland
 Kathleen Marjory Murphy.....Springfield
 Marve Ann Olsen.....Dayton
 Rebecca Sue Orr.....Baltimore
 Anne Lee Owens.....Delta
 Eve Evans Papagan.....Columbus
 Julia Wells Peebles.....Lucasville
 Penelope Jo Peterson (summa cum laude).....Syracuse, N. Y.
 Ralph Eugene Philbin.....Youngstown
 Richard William Phillips.....Stout
 Betty Kay Pinsenschaum.....Grove City
 Jane Ann Ullman Plummer.....Beverly
 Adrienne Marlene Pollock.....Bayside, N. Y.
 Sondra Sue Potts.....Pomeroy
 Martha Sandbeck Racey.....Celina
 Penelope Susan Rector.....Xenia
 Ann Kirk Reinhard.....Grove City
 Alice Louise Brown Reuter.....Columbus
 Dean Burleigh Rinehart.....Columbus
 Mary Louise Robbins.....Middletown

* Two degrees

Sandra Helm Robert	Columbus
Robert Blaine Robinson	Columbus
Sylvia Schottenstein Rosenberg	Columbus
Aileen Cecile Sacks	Shaker Heights
David Lee Sansbury	Columbus
Linda Gail Saul	Dalton, Ga.
Janice Hague Schnarr	Rocky River
Joyce Rogers Schoedinger	Columbus
Marikay Glassman Schwartz	University Heights
Sandra Marie Secrest	Columbus
Helena Theresa Sekular	Lorain
Patricia Sharkey	Columbus
Charles Lynn Shrewsberry	Mansfield
Barbara Lee Smigel	New Philadelphia
Joyce Corinne Smith	Amsterdam
Emma Louise Snively	Yellow Springs
*Judith Diane Speert	Dayton
Bonnie Hedges Stephenson	Columbus
Sarah Rood Stewart	Columbus
Charles Albert Stites	Urbana
Robert Winfield Stone	Delaware
Grant Ensign Strickland, B.A.	Youngstown
Nancy Lee Stump	Alliance
William George Summers	Elmore
Kenneth Allan Valimaki, B.F.A.	Fairport Harbor
Phyllis Barbara Van Dyne	Brooklyn, N. Y.
Barbara Bailey Vercoe	Columbus
Jo Ellen Vinsel	Coshocton
Janet Marie Volpe	Powhatan Point
Judith Ann Watters	Ripley
James Martin Wheeler	Lakewood
Diana Marie Whetsel	Delaware
Joan Culbertson White	Shelby
Diana Dee Wilson	Mt. Vernon
Ida Cunningham Young, A.B. (Miami University)	Columbus
Marilyn Jane Zeisler	Poland

(One hundred and forty candidates)

Bachelor of Fine Arts

Hannah Dickason Brehmer (cum laude)	Vermilion
James Roy Howard	Lakewood
Stanley Edward Lockwood	Cincinnati
Judith Helen Ogden	Barberton
Barbara Ann Paine	Columbus
John Thomas Seery	Mt. Healthy
Lorena Holshoy Smith	North Canton
Jchn William Stephenson	Ashtabula

(Eight candidates)

Bachelor of Music

Karen Lee Kullmann (summa cum laude)	Westerville
Robert Patsy Porco, B.Sc. in Edu.	Steubenville

(Two candidates)

* Two degrees

**Bachelor of Science
in Occupational Therapy**

Mary Virginia Howenstine.....Lima
Phyllis Anne Ober.....Cleveland
Patricia Ann Van Atta.....Oak Harbor

(Three candidates)

COLLEGE OF ENGINEERING

Dean: HAROLD A. BOLZ

Bachelor of Agricultural Engineering

Melvin Duane Maddox.....West Chester
(One candidate)

Bachelor of Civil Engineering

Rodney Macloon Allen.....Mansfield
Thomas Edward Beck.....Crestline
James Wendell Bushee.....Lancaster
Robert Etling Fletcher, A.B. (Miami University).....Orrville
Gerald Allan Hepp.....Cleveland
Ronald Franklin Huprich.....Baltic
Edward Robert Steele.....Seville
William David Wood.....Columbus
(Eight candidates)

Bachelor of Electrical Engineering

Joseph Brelsford Beach, B.S. (Marietta College).....Lowell
Larry Allen Crum.....Bucyrus
Dawson Richard Getz.....Massillon
Edward Lawrence Pelton.....London
Andrew George Repjar.....Elyria
(Five candidates)

Bachelor of Industrial Engineering

Samuel Vernon Huffman, Jr.....New Rumley
Gokaraju Venkata Narasimha Raju, B.Sc. (Benaras Hindu University)
BhimavaramTq, India
Darrell James Steffey.....Vandalia
(Three candidates)

Bachelor of Mechanical Engineering

Gerald Eugene Bernard.....North Madison
Fredrick Alan Fischer (cum laude).....Mansfield
Robert Wilson Flinn.....Kenton
Ray Curtis Ladrach (summa cum laude).....New Philadelphia
Chaman Mahajan, B.Sc. (University of Delhi).....New Delhi, India
*Ronald Ashley McMaster (cum laude).....Woodville
Glenn Evan Siemer.....Cincinnati
(Seven candidates)

Bachelor of Engineering in Mining

Chakib Khelil.....Oujda, Morocco
(One candidate)

Bachelor of Science in Physics

Warren Dale Burggraf.....Caledonia
Larry Allan Seitz.....Cleveland
(Two candidates)

* Two degrees

COLLEGE OF MEDICINE

Dean: RICHARD L. MEILING

SCHOOL OF NURSING

**Bachelor of Science
in Nursing**

Janet Gay Blackwood (summa cum laude).....Yellow Springs
Carol Ann Bumb (cum laude).....Bellevue
Emilie Louise Drumm.....Lambertville, Mich.
Audrey Jean Gottschling.....Lorain
Marcia Ann Kellermeier.....Toledo
Suann Hilty Kiefer.....Spencerville
Tanya Karen Kuenzli.....Upper Sandusky
Deanna Kay Wenger.....Dayton

(Eight candidates)

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
NINE HUNDRED AND EIGHTY-EIGHTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, April 17, 1964

The Board of Trustees met at its regular monthly meeting on Friday, April 17, 1964, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

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

* * *

Minutes of the last meeting were approved.

* * *

April 17, 1964 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Fiftieth Anniversary for Nursing Education

The Director of the School of Nursing of the College of Medicine, with the concurrence of the Dean, has proposed that the year 1964 be officially designated by the Board of Trustees as the Fiftieth Anniversary for Nursing Education. It is clear from all available evidence that nurses' training became a part of the teaching program of The Ohio State University in the autumn of 1914 when the University established a College of Homeopathic Medicine and took over Starling-Ohio Medical College--Board resolution adopted January 27, 1914.

It is therefore recommended that the proposal to designate the year 1964 as the Fiftieth Anniversary for Nursing Education be approved.

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

B. Remedial Courses in English and Mathematics Discontinued

The Faculty Council on March 10, 1964, endorsed the proposal of the Council on Instruction, that all courses in English and mathematics which are purely remedial in purpose and content be discontinued at the end of the Summer Quarter 1965 and that the teaching of these remedial courses be phased out by offering such courses only in the Summer and Autumn Quarters of 1964 and the Winter and Summer Quarters of 1965.

It is therefore recommended that the above proposal to discontinue the teaching of remedial courses in English and mathematics be approved.

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

C. Naming of Building - James Ellsworth Boyd Laboratory

Upon the recommendation of Dean Harold A. Bolz, College of Engineering, and the chairman and faculty of the Department of Engineering Mechanics, and with the concurrence of Mr. Frederick Stecker, Executive Director for University Relations, it is proposed that the space formerly occupied by the State Highway Testing Laboratory located at 155 West Woodruff Avenue, which is now being converted for use by the Department of Engineering Mechanics, be named "James Ellsworth Boyd Laboratory," in memory of Professor Boyd. Professor Boyd was one of the University's earliest faculty members to attain national recognition and was largely responsible for the development of the University's Department of Engineering Mechanics.

April 17, 1964 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Naming of Building - James Ellsworth Boyd Laboratory (continued)

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. Bricker, seconded by Mr. Davis, the Board of Trustees by unanimous roll call vote approved the naming of the building located at 155 West Woodruff Avenue, which is to house the Department of Engineering Mechanics.

D. Honorary Degrees

The Faculty Council on March 10, 1964, recommended that the honorary degree, Doctor of Humane Letters, be conferred on:

Leonard Bernstein
George Remington Havens

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

Charles Austin Doan

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 1964-1965.

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

E. Recommendation for the Benjamin G. Lamme Meritorious Achievement Medal - William W. Heimberger

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 William W. Heimberger, Chairman of the Board of Directors of Buckeye Steel Castings Company, Columbus, Ohio, for the Benjamin G. Lamme Meritorious Achievement Medal to be awarded at the June Commencement, 1964.

It is therefore recommended that this nomination be approved by the Board of Trustees.

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

F. Revision of Rules 31.0701 and 31.0703 - Rules for the University Faculty

On February 11, 1964, the Faculty Council recommended that Rules 31.0701 and 31.0703 of the Rules for the University Faculty be revised as follows, effective Summer Quarter 1964:

April 17, 1964 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Revision of Rules 31.0701 and 31.0703 -
Rules for the University Faculty (continued)

1. Delete paragraph b of Rule 31.0701:

During at least his first three quarters at the University,
one hour of Physical Education each quarter until a total
of three credit hours has been earned; and

2. Delete paragraph b of Rule 31.0703:

During at least her first six quarters at the University,
one hour of Physical Education each quarter until a total
of six credit hours has been earned; and

3. Insert the following as a new paragraph b in Rules 31.0701 and
31.0703:

One or more hours of Physical Education per quarter for
a total of three quarters; and

It is therefore recommended that this action of the Faculty Council be
approved with the understanding that students enrolled during the Summer
Quarter 1964 or any subsequent quarter shall be required to meet the
conditions of the Rules 31.0701 and 31.0703 as amended.

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

G. Establishment of Richard E. Byrd Memorial

It has been proposed by an ad hoc committee of nationally distinguished
geological scientists that a memorial be erected in honor of the late Rear
Admiral Richard E. Byrd, polar explorer. By virtue of the international
reputation and the distinguished work of The Ohio State University's Institute
of Polar Studies, interest has been expressed in locating the memorial on
The Ohio State University campus and in the use of The Ohio State University's
name for the purpose of soliciting funds for the memorial. This memorial
would be a building in which his Arctic and Antarctic mementoes and his
polar library would be preserved.

With the concurrence of the Board of Directors of The Ohio State University
Development Fund and the President's Cabinet, it is recommended that per-
mission be granted to use the name of The Ohio State University to solicit
funds for the memorial, subject to the following conditions:

1. That the memorial be located on The Ohio State University campus
and that the University will determine the location of the memorial
on its campus.
2. That the building be planned under regular University procedures.

April 17, 1964 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

G. Establishment of Richard E. Byrd Memorial (continued)

3. That the endowment in support of the Byrd Memorial cover all capital and operating costs of the memorial.
4. That all literature in which the name of The Ohio State University is to be used be approved in advance of publication by the University through the Executive Director for University Relations.

Upon motion of Mr. Allyn, seconded by Mr. Loop, the above recommendation to use the name of The Ohio State University in solicitation of funds, subject to the conditions as set forth in the above recommendation, was approved by unanimous roll call vote.

H. Transfer of Jurisdiction and Control of Certain State-Owned Land in Edward Orton Memorial Park, Greene County, Ohio, from the Ohio Department of Natural Resources to The Ohio State University

Whereas, on or about October 4, 1940, Mr. Hugh T. Birch made a gift of money to the State of Ohio conditioned upon the purchase of certain land located in Greene County, Ohio, hereinafter described; and

Whereas, there was a further condition of said gift to the effect that said land be purchased as an addition to the Edward Orton Memorial Park to be leased to the 4-H Club Camp, Inc. for camping and recreational purposes; and

Whereas, pursuant to said gift the land was purchased and on November 25, 1940, the State of Ohio through the Board of Control of the Ohio Agricultural Experiment Station entered into a lease, the full terms and conditions of which are therein set forth, said lease being recorded in the Office of the Recorder of Greene County, Ohio, in Lease Book 9, page 128; and

Whereas, pursuant to a change in the statutes of Ohio, forest and park land, theretofore under the jurisdiction and control of the Board of Control of the Ohio Agricultural Experiment Station, was transferred to the Ohio Department of Natural Resources; and

Whereas, the Board of Trustees of The Ohio State University through its Cooperative Extension Service is administratively responsible for the jurisdiction and control of the 4-H Club program of Ohio; and

Whereas, the Ohio Department of Natural Resources in pursuance of Sections 121.17 and 151.01 of the Revised Code of Ohio has for the reasons stated above, with the concurrence of the Attorney General of Ohio and the Governor of Ohio, deemed it proper to place the jurisdiction and control of this said land with the Board of Trustees of The Ohio State University; and

Whereas, said Department has executed a departmental transfer and release to the Board of Trustees of The Ohio State University, through John T. Mount, Secretary of the Board of Trustees, of its jurisdiction and control of certain land in Miami Township, Greene County, Ohio, owned by the State of Ohio, being more particularly described as follows:

I. GENERAL RECOMMENDATIONS (continued)

H. Transfer of Jurisdiction and Control of Certain State-Owned Land in Edward Orton Memorial Park, Greene County, Ohio, from the Ohio Department of Natural Resources to The Ohio State University (continued)

Being a part of the 69.77 acre tract acquired by the State of Ohio to form an addition to Edward Orton Memorial Park in Miami Township, Greene County, Ohio, located in V.M.S. 610 and bounded and described as follows:

Beginning at a point in the east line of the said 69.77 acre tract, which point is N-17 deg. 21' W. and 76.75 feet distant from a stone monument in the center of the Old Sandusky Road, also known as the Clifton-Xenia Road, and which stone monument is at the southeast corner of the said 69.77 acre tract;

Thence following the east line of said tract N-17 deg. 21' West 691.7 ft. to a stake on the bank of a small ravine;

Thence following the line of this ravine the following courses and distances: N-72 deg. 42' West 95.9 ft.; S-79 deg. 21' West 45.3 ft.; N-64 deg. 48' West 151.2 ft.; S-78 deg. 25' West 141.6 ft.; S-68 deg. 23' West 86.4 ft.; S-45 deg. 44' West 81.5 ft.; to where the cliffs of the Little Miami River meet the ravine; thence S-19 deg. 10' West, 101.7 ft. to the top of the cliff; thence follow the edge of the cliff as follows: S-32 deg. 44' West 138.3 ft.; S-0 deg. 57' West 75.1 ft.; S-15 deg. 25' East 99.7 ft.; S-48 deg. 19' West 114.6 ft.; S-17 deg. 15' East 51.5 ft.; S-45 deg. 45' West 228.3 ft.; S-47 deg. 51' West 117.4 ft.; to where a small ravine meets the cliff; thence S-30 deg. 27' East 87.4 ft.; thence N-71 deg. 41' East 196.9 ft.; thence S-28 deg. 30' East 323.4 ft. to a point 75' from the center of the said Old Sandusky Road; thence parallel with the said center line of said road N-60 deg. 23' East 85 ft.; thence South 29 deg. 37' East 75.0 ft. to the center of said road; thence following the center of said road N-60 deg. 23' East 30 ft.; thence N-29 deg. 37' West 75.0 ft.; thence parallel with the center of said road and 75 feet distant therefrom N-60 deg. 22' East 758.6 ft. to the place of beginning.

Containing 17.54 acres.

Whereas, pursuant to the terms of the gift and of the lease dated November 25, 1940, the 4-H Club Camp, Inc. under date of March 23, 1964, has requested authorization to proceed with certain improvements;

NOW THEREFORE BE IT RESOLVED that in consideration of the foregoing, the Board of Trustees of The Ohio State University accepts from the Ohio Department of Natural Resources jurisdiction and control of the land more particularly described above for the uses and purposes stipulated in a certain lease, dated November 25, 1940, granted to 4-H Club Camp, Inc., Springfield, Ohio, and if such occupancy shall cease, the said land shall be returned to the jurisdiction and control of the Ohio Department of Natural Resources;

April 17, 1964 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

H. Transfer of Jurisdiction and Control of Certain State-Owned Land in Edward Orton Memorial Park, Greene County, Ohio, from the Ohio Department of Natural Resources to The Ohio State University (continued)

BE IT FURTHER RESOLVED that the plans for improvement of the 4-H Club camp site as submitted by 4-H Club Camp, Inc. under the date of March 23, 1964, be approved with the understanding that there will be no cost for said improvements to the Board of Trustees of The Ohio State University.

Upon motion of Mr. Loop, seconded by Mr. Ketterer, the above resolutions were approved by unanimous roll call vote, and the Secretary was instructed to forward a copy of this action to the Ohio Department of Natural Resources and to file all the official documents pertaining thereto with the official records of the Board of Trustees.

I. Relocation of Olentangy River Road and Establishment of Research Parks

The University's master plan, which was officially adopted by the Board of Trustees in February 1962, resulted from three years of intensive study by a competent firm of planning consultants and our own Office of Campus Planning. Several hundred leading faculty members and University administrators participated, and both local and regional planning officials were frequently and significantly involved. The Board of Trustees reviewed the findings of the study as it progressed, and adopted guiding principles which established the major features of the final plan.

After extensive discussion over a period of several months, the Board of Trustees in March 1960, by a unanimous vote of its full membership, stated that continuation of the Olentangy River Road in its present location through the campus "would in large measure destroy the sense of oneness that is essential to the intellectual vitality, well-being, and growth of the University."

This position has been reaffirmed by the Board of Trustees on several occasions, most recently by a unanimous vote of its full membership on September 13, 1963.

Because of the growing volume of traffic, the continued expansion of the University, especially in graduate education and research, and the increasing urgency of establishing the availability of building sites along the river in accordance with the official master plan, the Board of Trustees has again reviewed its position in this matter. It is the considered judgment of the Board of Trustees: (1) that the realignment of this road is of vital importance to the future growth and development of the University, and (2) that the slight additional cost of this realignment over the cost of adequately improving the present road would be more than offset by the savings in tax dollars that would result from use of the river frontage for University building purposes.

I. GENERAL RECOMMENDATIONS (continued)

I. Relocation of Olentangy River Road and
Establishment of Research Parks (continued)

In connection with the discussion of the relocation of the Olentangy River Road, it has recently been proposed by certain interests that the University establish a research park. The official master plan adopted by the Board of Trustees in February 1962 unmistakably endorses the establishment of research agencies and research-oriented industries in reasonable proximity to the campus, and the Board of Trustees now reaffirms this endorsement. However, the legal authority of the University to create, or to participate in the creation of, a research park has not been established.

The University is pleased with the recent proposal of the staff of the City Planning Commission that a research and industrial park be created along the west side of the railroad tracks between East 11th Avenue and East 5th Avenue. This is viewed as a desirable supplement to the master plan proposal for a similar development along Kinnear Road.

Among other locations recently suggested for an industrial research park is the general area of the Outer Belt and the Don Scott Airport. A development of this kind in reasonable proximity to the University's Department of Aviation and expanding aerodynamics research facilities at Don Scott Field would undoubtedly be of mutual advantage to the University and to the current research and development interests of the State. It would be welcomed by the University, and the University should assist the movement within the limits of its resources and the limits of its legal authority.

Upon motion of Mr. Davis, seconded by Mr. Rairdon, it was unanimously voted that the foregoing statement be adopted as expressing the position of the Board of Trustees on these issues; that the President be instructed to press vigorously for early decisions by appropriate city and state officials to clear the way for the realignment of the Olentangy River Road through the campus and for the vacation of a portion of the existing right-of-way in accordance with the official master plan; and that, without regard to the problems of road realignment, the President be instructed to give appropriate assistance and support to the creation of one or more research parks at appropriate places on private land which is or can be made available for this purpose.

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II. PERSONNEL CHANGES

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

April 17, 1964 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

- A. That John C. Weaver's appointment as Vice President for Instruction and Dean of Faculties, which was announced earlier, be ratified; further that his annual salary for this position be \$27,168.00 and that he be appointed Professor in the Department of Geography at No Salary, effective July 1, 1964.

Upon motion of Mr. Loop, seconded by Mr. Bricker, the appointment of the Vice President for Instruction and Dean of Faculties and Professor in the Department of Geography was ratified by a unanimous roll call vote.

- B. That effective on July 1, 1964, the titles and administrative responsibilities for the following-named persons be changed as indicated below. All salary adjustments to be made in connection with these changes in duties will be included in the 1964-1965 personnel services budget, which will be presented to the Board of Trustees at its June 1964 meeting.

John T. Mount from Vice President and Secretary to Vice President for Educational Services. This action does not affect his service as Secretary of the Board of Trustees. He will continue to hold the rank of Professor in the Agricultural Extension Service.

John E. Corbally, Jr. from Executive Assistant to the President and Director, Personnel Budget, to Vice President for Administration. He will continue to hold the rank of Professor in the Department of Education.

Ronald B. Thompson from Executive Dean for Special Services to Executive Dean for Admissions and Registrations.

Edward Q. Moulton from Associate Dean (part time - 52%), Graduate School, Associate Dean (part time - 48%), College of Arts and Sciences, and Acting Chairman, Department of Geodetic Science, to Associate Dean of Faculties and Dean of Off-Campus Education. He will continue to hold the rank of Associate Professor in the Department of Civil Engineering.

Kenneth J. Arisman from Director, Off-Campus Education, to Assistant Dean of Off-Campus Education. He will continue to hold the rank of Professor in the Department of Education.

Upon motion of Mr. Davis, seconded by Mr. Ketterer, the changes in titles and administrative responsibilities were approved by a unanimous roll call vote.

Mr. Patton, Chairman of the Board, congratulated the above-named persons on their promotions to the new posts and expressed confidence in their ability to carry forward in these new duties. On behalf of the Board of Trustees, Mr. Patton further expressed the very best wishes and appreciation for the many years of devoted service to Dr. Frederic Heimberger whose retirement as Vice President for Instruction and Dean of Faculties will become effective June 30, 1964.

April 17, 1964 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Amendments to the Rules for the University Faculty

That pursuant to the foregoing recommendations for changes of titles and definitions of responsibility for certain administrative personnel, it is recommended also that the following Rules for the University Faculty be amended to read as follows:

11.1104. Vice President for Educational Services.*

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

Section 2. The major area of responsibility and authority of the Vice President for Educational Services shall be that of the educational services of the University. Without limiting the generality of the foregoing the Vice President for Educational Services shall under the direction of the President and with the approval of the Board of Trustees, be responsible and have the necessary authority for: the development of policies relating to the admission and registration of all students; the development of administrative policies and operating procedures for the part-time and continuing educational programs; the development of teaching programs in physical education, air science, military science and naval science; the development of policies and operating procedures for the administration of telecommunication and other teaching aid services. In cooperation with the Vice President for Instruction and Dean of Faculties he shall assist in coordination of the programs for the above listed areas of responsibility with the instructional program of the University; and, in cooperation with the Executive Dean for Student Relations he shall assist in the coordination of the admission and registration of students with the student housing and student personnel programs of the University.

Section 3. The principal administrative officials of the Office of Educational Services shall be the Executive Dean for Admissions and Registrations, the Dean of Part-Time and Continuing Education, the Director of the Telecommunications Center, the University Historian, and the Chairmen of the Departments of Physical Education, Air Science, Military Science, and Naval Science.

11.1105. Vice President for Administration.*

Section 1. The Vice President for Administration shall serve as the executive administrative assistant to the President and shall be a member of the General Administration division of the University.

April 17, 1964 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Amendments to the Rules for the University Faculty (continued)

11.1105. Vice President for Administration.* (continued)

Section 2. The Vice President for Administration shall perform general administrative services assigned by and on behalf of the President. Without limiting the generality of the foregoing, the Vice President for Administration shall assist the President in coordinating University administrative functions so as to insure the orderly and timely conduct of the business of the University; shall be responsible for the orderly flow of external and internal communication among University officers, faculty, staff, and students and among such groups and external individuals and agencies; and shall serve as Secretary of the President's Cabinet and of the Administrative Council.

11.1109. Executive Dean for Admissions and Registrations.*

Section 1. The Executive Dean for Admissions and Registrations shall be the executive head of the Office of Admissions and Registrations.

Section 2. The major area of responsibility and authority of the Executive Dean for Admissions and Registrations shall be that of the admission to and registration in the University of students. The Executive Dean for Admissions and Registrations shall, under the direction of the Vice President for Educational Services and with the approval of the President and the Board of Trustees be responsible and have the necessary authority for: the administration of the rules relating to the admission and registration of all students and in cooperation with the Vice President for Instruction and Dean of Faculties the preparation of the material for the academic bulletins and catalogs; the administration of the University policy relating to the residency of all students; the scheduling of University facilities including classrooms; the administration of the University cultural programs; the coordination of the administration of the motor vehicle parking and traffic regulations with the Commission of Traffic and Parking and the appropriate administrative officers of the University; and the maintenance of relationships with the North Central Association, Ohio College Association, and the secondary schools.

Section 3. The principal administrative officials of the Executive Dean for Admissions and Registrations shall be the Director of Admission; Registrar; and Manager of the Mershon Auditorium.

April 17, 1964 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Amendment to the Rules for the University Faculty (continued)

Upon motion of Mr. Bricker, seconded by Mr. Davis, the amendments to the Rules for the University Faculty Nos. 11.1104, 11.1105, 11.1109 as recommended by the President were adopted by the Board of Trustees by a unanimous roll call vote. The Secretary was instructed and authorized to make such editorial changes in the By-Laws of the Board of Trustees of The Ohio State University and the Rules for the University Faculty as are required by virtue of the foregoing changes in Rules, administrative titles, and definitions of responsibility.

In addition to the foregoing personnel recommendations, it is recommended that all personnel changes since the February 14, 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 additional faculty Appointment, Leaves of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Titles.

D. Appointment

Leon M. Dorfman, Professor, Department of Chemistry, at a salary of \$15,168.00 per annum, effective October 1, 1964.

E. 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.

Harold D. McBurney, Instructor (County Extension Agent, 4-H) Ashland County, June 16, 1964 through July 31, 1964, to study at Colorado State University.

William W. Wharton, Instructor (Extension Specialist, Animal Science, Performance Testing), April 1, 1964 through June 15, 1964, to study at The Ohio State University.

F. Leaves of Absence Without Salary

Nancy K. Clatworthy, Assistant Professor, Sociology and Anthropology, April 1, 1964 through June 30, 1964, to pursue a lecture tour in Australia.

Russell W. Smith, Assistant Professor (Supervisor, 4-H Club Work), Ohio Cooperative Extension Service, April 1, 1964 through May 31, 1964, to study at Teachers College, Columbia University.

Ariadna Foureman, Instructor, Romance Languages, April 1, 1964 through June 30, 1964, to devote full time to working on the Ph.D. degree.

April 17, 1964 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

F. Leaves of Absence Without Salary (continued)

Edwin E. Zorn, Instructor (County Extension Agent, 4-H)
Warren County, Ohio Cooperative Extension Service,
March 16, 1964 through June 15, 1964, to study at The
Ohio State University.

G. Emeritus Titles

Thomas H. Langlois, Zoology and Entomology, with the
title Research Professor Emeritus, effective July 1, 1964.

John B. Brown, Physiological Chemistry, with the title
Professor Emeritus, effective July 1, 1964.

Leo G. Staley, Physical Education for Men, with the
title Professor Emeritus, effective July 1, 1964.

Jennette A. Stein, Physical Education for Women, with
the title Professor Emeritus, effective July 1, 1964.

Geneva H. Nolan, Ohio Cooperative Extension Service,
with the title Instructor (County Extension Agent, Home
Economics) Emeritus, effective November 1, 1963.

Upon motion of Mr. Davis, seconded by Mr. Rairdon, the additional faculty
Appointment, Leaves of Absence With Salary, Leaves of Absence Without
Salary, Emeritus Titles, and the personnel changes 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-1. 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. #7 - Department of Chemistry).
Gross Value - \$56,466.00.

April 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)

- a-2. U. S. Atomic Energy Commission, Chicago Operations Office, 9800 South 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. #8 - Department of Chemistry).
Gross Value - \$34,115.00.
- a-3. Department of the Navy, Office of Naval Research, Washington, D. C., for an Investigation of Polynitro Aliphatic Synthesis (to be known as Office of Naval Research Project No. 783 - Amend. #11 - Department of Chemistry).
Gross Value - \$7,462.00.
- a-4. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Synthesis of Steroidal Alpha-diazoketones (to be known as National Institutes of Health Project No. 906 - Ext. #5 - Department of Chemistry).
Gross Value - \$20,319.00.
- a-5. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Constancy of Mandibular Rest Position (to be known as National Institutes of Health Project No. 907 - Ext. #5 - College of Dentistry).
Gross Value - \$9,541.00.
- a-6. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for Intermittent Research Analysis (to be known as Systems Engineering Group, Research and Technology Division Project No. 930 - Sup. #17 - RF Internal Supervision).
Gross Value - \$32,555.00.
- a-7. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for Midwest Cooperative Chemotherapy Group (to be known as National Institutes of Health Project No. 1094 - Ext. #4 - Department of Medicine).
Gross Value - \$15,492.00.
- a-8. 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. #4 - Department of Physics).
Gross Value - \$28,000.00.

April 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)

- a-9. Department of Health, Education and Welfare, Public Health Service, 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. #3 - Department of Chemistry).
Gross Value - \$27,120.00.
- a-10. Department of Health, Education and Welfare, Public Health Service, 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. #3 - Department of Medicine).
Gross Value - \$16,976.00.
- a-11. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for Studies With Influenza Vaccination (to be known as National Institutes of Health Project No. 1257 - Ext. #3 - Department of Medicine).
Gross Value - \$25,565.00.
- a-12. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Self-administered Procedures in Speech and Hearing (to be known as National Institutes of Health Project No. 1414 - Ext. #2 - Department of Speech).
Gross Value - \$45,686.00.
- a-13. 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. #6 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$42,000.00.
- a-14. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Cardiac and Renal Dynamics (to be known as National Institutes of Health Project No. 1441 - Ext. #2 - Department of Veterinary Physiology and Pharmacology).
Gross Value - \$12,522.00.
- a-15. Department of Health, Education and Welfare, Bureau of State Service, Washington, D. C., for a Study of the Sulfide-to-Sulfate Reaction Mechanism (to be known as Bureau of State Service Project No. 1442 - Ext. #2 - Engineering Experiment Station).
Gross Value - \$19,780.00.

April 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)

- a-16. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for A Study of Oscillatory Blood Flow (to be known as National Institutes of Health Project No. 1447 - Ext. #2 - Department of Physiology).
Gross Value - \$10,275.00.
- a-17. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for Distribution and Metabolism of Labeled Digitaloids (to be known as National Institutes of Health Project No. 1451 - Ext. #2 - Department of Physiological Chemistry).
Gross Value - \$16,189.00.
- a-18. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Nervous System Elements in Tissue Culture (to be known as National Institutes of Health Project No. 1457 - Ext. #2 - Departments of Pathology and Psychiatry).
Gross Value - \$26,192.00.
- a-19. 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 - Ext. #2 - Department of Psychology).
Gross Value - \$19,890.00.
- a-20. Sandia Corporation, P. O. Box 5800, Albuquerque, New Mexico, for Research Investigation of Uranium Corrosion (to be known as Sandia Corporation Project No. 1545 - C. O. #3 - Department of Metallurgical Engineering).
Gross Value - \$2,823.00.
- a-21. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for an Investigation of Plasma Noise Temperature Measurements (to be known as Systems Engineering Group, Research and Technology Division Project No. 1573 - Sup. #1 - Department of Electrical Engineering).
Gross Value - \$149,940.00.
- a-22. 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. #6 - Department of Medicine).
Gross Value - \$9,000.00.

April 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)

- a-23. Classified Program (to be known as Classified Program Project No. 1579 - Sup. #2 - Department of Electrical Engineering).
Gross Value - \$199,000.00.
- a-24. 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. #1 - Department of Psychology).
Gross Value - \$9,417.00.
- a-25. 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. #1 - Department of Physics).
Gross Value - \$80,000.00.
- a-26. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for An Objective Evaluation of the Spreading Enzymes (to be known as National Institutes of Health Project No. 1599 - Ext. #1 - Department of Surgery).
Gross Value - \$19,936.00.
- a-27. 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. #2 - Department of Geodetic Science).
Gross Value - \$99,959.00.
- a-28. 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. #3 - Engineering Experiment Station).
Gross Value - \$17,619.00.
- a-29. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of CO₂ Transients Associated with Hyperventilation (to be known as National Institutes of Health Project No. 1647 - Ext. #1 - Department of Physiology).
Gross Value - \$19,241.00.

April 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)

- a-30. Department of Health, Education and Welfare, Public Health Service, 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. #1 - Department of Physiological Chemistry).
Gross Value - \$14,916.00.
- a-31. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for Research on Radio-graphic Techniques of Graphite Evaluation (to be known as Systems Engineering Group, Research and Technology Division Project No. 1663 - Sup. #1 - Department of Welding Engineering).
Gross Value - \$50,000.00.
- a-32. U. S. Army Biological Laboratories, Fort Detrick, Frederick, Maryland, for Investigations of the Nutritional Requirements for the Growth of Insect Tissues (to be known as U. S. Army Biological Laboratories Project No. 1684 - Mod. #2 - Department of Zoology and Entomology).
Gross Value - \$15,000.00.
- a-33. National Aeronautics and Space Administration, Washington, D. C., for Theoretical and Experimental Investigation of the Measurement of Angular Rotation With Photons (to be known as National Aeronautics and Space Administration Project No. 1760 - New - Department of Physics).
Gross Value - \$70,420.00.
- a-34. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Phenylalanine Metabolism in Phenylketonuria (to be known as National Institutes of Health Project No. 1770 - Ext. #1 - Department of Pathology).
Gross Value - \$11,304.00.
- a-35. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for Studies of Metabolic Defects in Accumulation Diseases (to be known as National Institutes of Health Project No. 1771 - Ext. #1 - Department of Pathology).
Gross Value - \$13,468.00.
- a-36. Classified Program (to be known as Classified Program Project No. 1774 - New - Department of Electrical Engineering).
Gross Value - \$100,000.00.

April 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)

- a-37. Base Procurement Division, EWPB, Building No. 120, Area C, Wright-Patterson Air Force Base, Ohio, for an Investigation of Nickel Matrix Cathode (to be known as Base Procurement Division Project No. 1791 - New - Department of Electrical Engineering).
Gross Value - \$1,127.00.
- a-38. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Redox Chemistry of Cobalamins (to be known as National Institutes of Health Project No. 1792 - New - Department of Chemistry).
Gross Value - \$16,000.00.
- a-39. Electronic Systems Division, AFSC, Laurence G. Hanscom Field, Bedford, Massachusetts, for Research Into the Scattering of Electromagnetic Energy from Highly Conducting Bodies (to be known as Electronic Systems Division Project No. 1793 - New - Department of Electrical Engineering).
Gross Value - \$30,000.00.
- a-40. U. S. Atomic Energy Commission, Chicago Operations Office, 9800 South Cass Avenue, Argonne Illinois, for an Investigation of the Cycling of CL³⁶ Labeled DDT in a Marsh Ecosystem (to be known as U. S. Atomic Energy Commission Project No. 1794 - New - Department of Zoology and Entomology).
Gross Value - \$29,364.00.
- a-41. National Science Foundation, Washington, D. C., for an Investigation of the Evolution of Ecological Adjustment (to be known as National Science Foundation Project No. 1795 - New - Department of Slavic Languages and Literatures).
Gross Value - \$31,100.00.
- a-42. Department of Health, Education and Welfare, Office of Education, Washington, D. C., Applicability of PERT to Educational Research and Development Projects (to be known as Office of Education Project No. 1796 - New - Bureau of Educational Research and Service).
Gross Value - \$42,622.00.
- a-43. National Science Foundation, Washington, D. C., for an Investigation of Properties of Metals and Alloys Between 0.03 and 3°K (to be known as National Science Foundation Project No. 1798 - New - Department of Physics).
Gross Value - \$12,500.00.

April 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)

- a-44. 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 - New - Department of Physiology).
Gross Value - \$8,220.00.
- a-45. Research and Development Procurement Office, U. S. Army Engineer Research and Development Laboratories, Fort Belvoir, Virginia, for an Investigation of Geodetic Control Without Triangulation, Trilateration or Gravity (to be known as U. S. Army Engineer Research and Development Laboratories Project No. 1802 - New - Department of Geodetic Science).
Gross Value - \$29,000.00.
- a-46. George C. Marshall Space Flight Center, National Aeronautical and Space Administration, 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 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$70,000.00.
- a-47. 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 - New - Department of Electrical Engineering).
Gross Value - \$30,000.00.
- a-48. 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 - New - Department of Pathology).
Gross Value - \$15,700.00.
- a-49. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Chemo- and Radiotherapy Treatment of Bladder Cancer (to be known as National Institutes of Health Project No. 1806 - New - Department of Surgery).
Gross Value - \$16,486.00.
- a-50. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Cardiovascular Adjustment Associated with Acclimatization (to be known as National Institutes of Health Project No. 1807 - New - Department of Physiology).
Gross Value - \$6,890.00.

April 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)

- a-51. National Science Foundation, Washington, D. C. , for Symposium on Molecular Structure and Spectroscopy (to be known as National Science Foundation Project No. 1808 - New - Department of Physics).
Gross Value - \$3,335.00.
- a-52. Department of Health, Education and Welfare, Public Health Service, 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 - New - Department of Chemistry).
Gross Value - \$25,012.00.
- a-53. 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 - New - Institute of Polar Studies).
Gross Value - \$23,700.00.
- a-54. National Science Foundation, Washington, D. C. , for an Investigation of Glacial Geology of Upper Muir Inlet Area, Alaska (to be known as National Science Foundation Project No. 1813 - New - Institute of Polar Studies).
Gross Value - \$14,700.00.
- a-55. National Science Foundation, Washington, D. C. , for an Investigation of Igneous-Metamorphic Geology of the Tasersiaq Area, Southwest, Greenland (to be known as National Science Foundation Project No. 1814 - New - Institute of Polar Studies).
Gross Value - \$9,900.00.

TOTAL - Government Contracts - Federal \$1,763,844.00

2. Industrial and Other Contracts

- a-1. The Firestone Tire and Rubber Company, Akron, Ohio, for an Investigation of Health Hazards of Certain Compounds and Products (to be known as The Firestone Tire and Rubber Company Project No. 246 - Ext. #18 - Department of Pathology).
Gross Value - \$28,056.00.
- a-2. University of Illinois, Business Office, Purchasing Division, 203 Administration Building E, Urbana, Illinois, for Transmission of Pulsed Radio Signals at 6.4MC/S (to be known as University of Illinois Project No. 473 - Mod. #36 - Department of Electrical Engineering).
Gross Value - \$1,830.00.

April 17, 1964 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

2. Industrial and Other Contracts (continued)

a-3. Shuler and Benninghofen, Hamilton, Ohio, for an Investigation of Reactions and Treatments of Wool to Improve Its Properties (to be known as Shuler and Benninghofen Project No. 632 - Ext. #10 - Department of Chemistry).
Gross Value - \$9,319.00.

a-4. Life Insurance Medical Research Fund, 345 East 46th Street, New York, New York, for an Investigation of Factors Influencing Cardiac Output in Man (to be known as Life Insurance Medical Research Fund Project No. 1324 - Ext. #1 - Department of Medicine).
Gross Value - \$11,000.00.

a-5. American Cancer Society, Inc., 219 East 42nd Street, New York, New York, for Cancer Research (to be known as American Cancer Society, Inc. Project No. 1799 - New - Department of Pathology).
Gross Value - \$35,000.00.

a-6. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, for Area Research Grant in Cardiovascular Disease (to be known as Central Ohio Heart Association Project No. 1811 - New - Department of Pharmacology).
Gross Value - \$7,350.00.

a-7. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, for Area Research Grant in Cardiovascular Disease (to be known as Central Ohio Heart Association Project No. 1812 - New - Department of Medicine).
Gross Value - \$3,150.00.

TOTAL - Industrial and Other Contracts \$95,705.00

The foregoing sixty-two contracts for research in cooperation with Government, Industry and Other represent a gross income of \$1,859,549.00.

Upon motion of Mr. Jones, seconded by Mr. Dargusch, 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 February 1, 1964 through April 3, 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.

April 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 241 Potential Uses of Sonic and Ultra-Sonic Devices in Highway
Construction, National Academy of Sciences, Highway
Research Board, Washington, D. C.
Gross Value - \$24,960.00.

SC 36 Short School for Water and Sewage Plant Operators, Ohio
Department of Health, Ohio Departments Building,
Columbus, Ohio.
Gross Value - \$3,280.00.

TOTAL - Government Research Contracts \$28,240.00

2. Industrial Research Contract

EES 224 A Study of the Economics of Ice and Snow Removal in the
Ext. #2 Urban Areas, American Public Works Association,
Research Foundation, Philadelphia 4, Pennsylvania.
Gross Value - \$3,000.00.

The foregoing three contracts for research in the Engineering Experiment
Station represent a gross income of \$31,240.00.

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

To enhance the instructional program of students in the College of Medicine,
the Dean of the College of Medicine recommends that an agreement be
executed between the Children's Hospital of Columbus and the College of
Medicine of The Ohio State University. The professional staff of Children's
Hospital, who are also members of the faculty of the College of Medicine,
will collaborate in the teaching of students of the College of Medicine in a
private hospital.

The Board of Trustees of Children's 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
of the University effective immediately, with the understanding that there is
no financial obligation on the part of the University.

Upon motion of Mr. Allyn, seconded by Mr. Ketterer, the Board of Trustees by
a unanimous roll call vote authorized the President to sign an agreement between
the College of Medicine of The Ohio State University and Children's Hospital for
an affiliate teaching program.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

D. Agreement Between the College of Medicine of The Ohio State University and St. Anthony's Hospital for an Affiliate Teaching Program

To enhance the instructional program for postdoctorate students pursuing a course of resident training in surgery in the College of Medicine, the Dean of the College of Medicine has proposed that an agreement be executed between St. Anthony's Hospital and the College of Medicine of The Ohio State University whereby surgical residents will be given an opportunity to gain experience in the care and treatment of patients at St. Anthony's Hospital; thus, the professional staff of St. Anthony's Hospital, who are members of the faculty of the College of Medicine, will collaborate in the teaching of The Ohio State University surgical residents in a private hospital.

Should such an agreement be approved, it is expected that beginning July 1, 1964, a select number of surgical residents of the Department of Surgery of the College of Medicine would spend a portion of their time at St. Anthony's Hospital. The surgical residents would be rotated so that eventually the entire group would have had an opportunity to share in this learning experience.

The Board of Trustees of St. Anthony's Hospital has indicated its willingness to participate in an affiliate teaching program, and it is therefore recommended that the President be authorized to sign such an agreement on behalf of the University with the understanding that there is no financial obligation on the part of the University.

Upon motion of Mr. Rairdon, seconded by Mr. Davis, the Board of Trustees by a unanimous roll call vote authorized the President to sign an agreement between the College of Medicine of The Ohio State University and St. Anthony's Hospital for an affiliate teaching program.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University, including the establishment of certain 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. \$78,688.00 granted by the National Science Foundation to the University for support of "Sixteen Graduate Traineeships in Engineering distributed as follows: two in Aeronautical, one in Ceramic, two in Chemical, four in Electrical, three in Metallurgical, one in Sanitary and three in a field of engineering to be determined by the grantee institution," under the direction of Edward Q. Moulton, Associate Dean, Graduate School. This grant terminates on September 30, 1965. (GE-4790)
2. \$27,900.00 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 of Science and Mathematics," under the direction of Dr. John S. Richardson, Department of Education. (GE-3388 - Amendment No. 1)

April 17, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

3. \$25,000.00 granted by the Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, to the University for "Undergraduate Clinical Training," under the direction of Dr. James V. Warren, Department of Medicine, for the period March 1, 1964 through February 28, 1965. (Grant 5 T2 HE 5035-11)
4. \$17,250.00 from the Alfred P. Sloan Foundation, 630 Fifth Avenue, New York, New York 10020, to the University for the Alfred P. Sloan Research Fellowship for Dr. James R. Gaines, Department of Physics.
5. \$13,988.99 from The American Medical Association Fund to the College of Medicine for medical education.
6. \$12,839.00 granted by the Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, to the University for "Ventricular Activation and Chronic Congestive Heart Failure," under the direction of Dr. Robert L. Hamlin, Department of Veterinary Physiology and Pharmacology, for the period April 1, 1964 through March 31, 1965. (Grant 5-K3-HE-13,524-02)
7. \$10,860.00 granted by the National Science Foundation to the University for support of an "In-Service Institute in Physics for Secondary School Teachers of Science and Mathematics," under the direction of Professor William R. Riley, Department of Physics. This grant terminates June 30, 1965. (GE-4408)
8. \$4,180.00 granted by the National Science Foundation to the University for support of an "In-Service Institute in Mathematics for Secondary School Teachers of Mathematics," to be held at Marion under the direction of Professor Harold C. Trimble, Department of Education. This grant terminates June 30, 1965. (GE-4633)
9. \$3,580.00 granted by the National Science Foundation to the University for support of an "In-Service Institute in Mathematics for Elementary School Personnel," to be held at Marion under the direction of Professor Harold C. Trimble, Department of Education. This grant terminates June 30, 1965. (GE-4630)

TOTAL - Through the Office of Business and Finance \$194,285.99

B. Received Through the Development Fund

1. \$29,091.34 from Russell Horn and H. Claude Peer, representing a bequest under the Will of Claudia L. Melick, deceased, for the Cyrus A. Melick Memorial Fund.

April 17, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

1. Cyrus A. Melick Memorial Fund (continued)

Cyrus A. Melick Memorial Fund

The Cyrus A. Melick Memorial Fund was established March 11, 1964, by a bequest from Claudia L. Melick, deceased, made in memory of her deceased husband, Cyrus A. Melick (C.E. '03, D.C.E. '11). 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 scholarships in Civil Engineering to be awarded under the direction of the Board of Trustees of The Ohio State University in such amounts and to such students as it shall determine or direct. In addition to the use of the income the principal may be invaded for the same use as the income if the Board of Trustees shall so determine. Scholarships from this fund may be made available to freshmen who have finished high school with high standing in their studies.

2. \$21,000.00 from Procter and Gamble Company, Cincinnati, Ohio, for research and fellowships in the College of Dentistry.
3. \$17,000.00 from the Estate of Clara Ewalt, representing a bequest under Item 7 of the Last Will and Testament of Clara Ewalt, to establish The Clara Ewalt Memorial Scholarship Fund.

The Clara Ewalt Memorial Scholarship Fund

The Clara Ewalt Memorial Scholarship Fund was established April 10, 1964, by a bequest under Item 7 of the Last Will and Testament of Clara Ewalt, B.Ph. '01, M.A. '03.

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

The candidates shall be chosen by a board composed of the Dean of the College of Arts and Sciences, the Secretary of the Board of Trustees, and the President of the University. Recommendations for awards may be made by any college or department. Scholarship awards should only be made to students of superior character and outstanding scholastic ability who give promise of future usefulness to society and who would be unable financially, except for the scholarship grant, to commence or complete a complete college educational program. Scholarship grants shall be made for a period of one year only but any successful candidate shall be eligible for renewal of the grant if he or she successfully performed during the preceding academic year.

The said scholarship board shall have the authority to grant any number of scholarships it, in its discretion, considers advisable during any year and may, if it so elects, refrain from granting any scholarship for any period. In any year in which no scholarship is granted the income for that year shall be added to the principal.

April 17, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

3. The Clara Ewalt Memorial Scholarship Fund (continued)

The following charge is placed upon the use of the income. Should any child or grandchild of Russell Ewalt qualify for admission to The Ohio State University then such person shall receive a grant equivalent to the total scholarship award and shall receive the same as long as he or they are in good standing at The Ohio State University. If more than one child or grandchild of Russell Ewalt is enrolled at the University at the same time, there shall be a division of the income from this fund so that each such child enrolled shall receive an equal amount each year. This grant-in-aid to children or grandchildren of Russell Ewalt shall extend from the first year of undergraduate study through graduate study.

4. \$10,000.00 from the Bremer Foundation, Youngstown, Ohio, for research in medicine.
5. \$8,517.00 from the Charles F. High Foundation, Bucyrus, Ohio, for scholarships.
6. \$8,482.00 from the Trust under the Will of Anna Roessler for scholarships in the College of Medicine.
7. \$8,000.00 from Children's Hospital, Columbus, Ohio, for research in child development by the Department of Pediatrics.
8. \$7,000.00 from Esso Research and Engineering Company--\$3,500.00 for support of graduate research in the Department of Chemical Engineering and \$3,500.00 for support of graduate training and research in the Department of Chemistry.
9. \$7,000.00 from the Estate of Ella Pontius, to the College of Medicine, University Hospital Emergency Fund.
10. \$7,000.00 from The General Foods Fund, Inc., New York, New York, for fellowships in the School of Home Economics.
11. \$6,000.00 from the Roche Anniversary Foundation, Montclair, New Jersey, for research in the Department of Chemistry.
12. \$5,000.00 from Wyeth Laboratories, Philadelphia, Pennsylvania, to the College of Medicine, University Hospital Emergency Fund.
13. \$5,000.00 from The Sears Roebuck Foundation, Chicago, Illinois, for the National Center for Advanced Study and Research in Agricultural Education.
14. \$4,634.00 from the Grace High Washburn Trust for undergraduate scholarships.

April 17, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

15. \$4,200.00 from the Alfred P. Sloan Foundation for the Alfred P. Sloan Scholarship Fund.
16. \$3,875.00 from Theodore N. Beckman to be added to the Theodore N. Beckman Fund for Research in Marketing. (The total in this fund is \$10,000.00.)
17. \$3,000.00 from Minnesota Mining and Manufacturing Company for "3M" Fellowship in Ceramic Engineering.
18. \$3,000.00 from Ethicon, Inc. for research in the Department of Obstetrics and Gynecology.
19. \$2,700.00 from Everett D. Reese for the Everett D. Reese Scholarship and Loan Fund.
20. \$2,500.00 from Dorothy H. and Lewis Rosenstiel Foundation for the Heart Holding Fund.
21. \$1,650.00 from Mrs. William M. MacNevin to be added to the William Marshall MacNevin Memorial Fund.
22. \$1,500.00 from Universal Oil Products Company, Des Plaines, Illinois, for a scholarship program for students in the Department of Chemical Engineering--\$1,000.00 to be used to continue the UOP scholarships for upperclassmen and the balance to be used for any purpose the Department may deem worthwhile.
23. \$1,300.00 from Medical Research Consultants, Inc. for research in the Department of Obstetrics and Gynecology.
24. \$1,000.00 from The Mead Corporation Foundation--\$500.00 to the College of Commerce and Administration and \$500.00 to the College of Engineering.
25. \$1,000.00 from Helen S. Bernstein, widow of Louis G. Bernstein, for the Louis G. Bernstein Memorial Fund.

Louis G. Bernstein Memorial Fund

The Louis G. Bernstein Memorial Fund was established February 1, 1964, by a gift through the Development Fund from Helen S. Bernstein, widow of Louis G. Bernstein, B.Sc. in Bus. Adm. '20, in his memory.

The principal and any additions thereto are 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.

April 17, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

25. Louis G. Bernstein Memorial Fund (continued)

The income is to be used for scholarships to deserving students of good character and need shall be a factor. It is my wish that these scholarships be awarded to students specifically interested in cancer research whenever possible, it being understood that this is a request only and not a directive. In any year when such a student is not available the scholarship or scholarships may be awarded to any student at the University who has need and who qualifies for a scholarship academically under University regulations.

26. \$1,000.00 from William R. Kenan, Jr., Lockport, New York, to establish the John F. Lyman Memorial Scholarship Fund. (The purpose for the fund is to be designated later.)
27. \$1,000.00 from John Dana Cole for deposit in the University's Unrestricted Endowment Fund.
28. \$1,000.00 from Clyde G. Conley for the Clyde G. Conley Memorial Fund in Engineering.
29. \$1,000.00 from John F. Jones for College of Law Student Financial Aids Fund.
30. \$1,000.00 from the Erie County Cancer Society for cancer research.
31. \$1,000.00 from Leo Yassenoff for the College of Law Emergency Fund.

TOTAL - Through the Development Fund \$175,449.34

C. Gift-in-Kind

1. A gift of equipment from Herbert D. Woolf, O.D., to the School of Optometry. (Appraised at \$1,000.00)

Upon motion of Mr. Rairdon, seconded by Mr. Davis, 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.

D. Report from The Ohio State University Development Fund

1. February, 1964

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

April 17, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

1. February, 1964 (continued)

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	296	\$ 28,866.37
Individuals, other than alumni	76	5,831.53
Nonprofit organizations	31	27,612.50
Business concerns	<u>22</u>	<u>46,401.90</u>
	425	\$108,712.30

Of these gifts, 144 for \$1,065.25 were undesignated and 281 for \$107,647.05 were designated.

2. March, 1964

In March, 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	16,540	\$119,202.62
Individuals, other than alumni	53	2,257.50
Nonprofit organizations	46	106,844.10
Business concerns	<u>13</u>	<u>17,076.22</u>
	16,652	\$245,380.44

Of these gifts, 14,946 totaling \$90,476.75 were undesignated and 1,706 totaling \$154,903.69 were designated.

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V. APPROPRIATIONS AND TRANSFER OF FUNDS

A. Orientation Program for New Faculty

Upon the recommendation of Dr. Frederic Heimberger, Vice President for Instruction and Dean of Faculties, and with the concurrence of the President's Cabinet, it is recommended that an amount not to exceed \$600.00 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. Bricker, seconded by Mr. Ketterer, the above recommendation for appropriation of funds was approved by a unanimous roll call vote.

April 17, 1964 meeting, Board of Trustees

V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

B. Annual Recognition Dinner - May 11, 1964

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 Monday, May 11, 1964, at 6:15 p. m., in the Ohio Union, and that a sum not to exceed \$3,450.00 be appropriated from Endowment 4002 for expenses.

Upon motion of Mr. Davis, seconded by Mr. Ketterer, the appropriation of \$3,450.00 for the annual Recognition Dinner was approved by a unanimous roll call vote.

C. Appropriation for Completion of Research Project - "Research Space, East Side of Stadium - Phase II"

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 \$7,200.00 be allocated from the University Treasurer Research Subaccount (b) to complete Rooms 109L and 110L and for painting and floor tile for six additional rooms of the project, "Research Space, East Side of Stadium, Phase II."

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

D. Improvements to Fifth Avenue Dam Across the Olentangy River Between Fifth and King Avenues

On December 13, 1963, the Board of Trustees approved the plans and specifications for this project with the funds to be provided from the proceeds of Issue No. 1.

It has been determined that funds will not be released from S. B. 370 for this purpose, and it is therefore recommended that an amount not to exceed \$110,000.00 be appropriated from the University Treasurer General Fund for the purpose of raising the crest of the existing Fifth Avenue Dam eighteen inches and to make minor repairs to the existing spillway, apron and abutments. The increased pool capacity will benefit the present University power and heating facilities and provide a water plane through the area to be occupied by the Center for Tomorrow.

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

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April 17, 1964 meeting, Board of Trustees

VI. EXTRA AND CREDIT ORDERS AND EXTENSIONS OF TIME TO CONTRACTS

At the request of the Council on Business Affairs, and with the concurrence of the Cabinet, it is recommended that the Extra and Credit Orders to Contracts and Extensions of Time for completion of 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.

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

1. General Contract

- a. It is recommended that panic hardware be installed on certain pairs of "B" labeled doors--Nos. 112, 113, 120, 201, 208, 301, 308, 401 and 403. Add \$2,328.15

- b. Music Room #11. Enlarge this area by including a bay from the adjoining storage room. Provide new flooring and ceiling in Col. Row Bay H to J and 5 to 6; new door, frame and hardware for Door 19 same as Door 13; paint concrete walls in Col. Row J from Col. 5 to 6 and Col. Row 6 from Col. H to J; and provide a coat rack on concrete block wall in Col. Row 6. Add \$1,595.77

2. Mechanical Contract

- a. Music Room #11. Provide additional sheet metal work and insulation in connection with the revisions in Item 1-b. Add \$ 520.00

3. Electrical Contract

- a. Music Room #11. Provide additional electrical fixtures, boxes, conduit and fittings, wire and devices and plates. Add \$ 931.00

Funds for these extra orders in the amount of \$5,374.92 are provided in Budget Account 91017.

B. Repairs to Rooms 473, 476, 478, 479 and N-729, University Hospital

1. Plumbing Contract

- It is recommended that one additional oxygen outlet and two additional vacuum outlets be provided, mounted in the console panels in each of Operating Rooms #473 and #479; and that 16 custom-made machined adapters be provided for all new oxygen and vacuum outlets in lieu of adapters as specified. Add \$ 817.55

April 17, 1964 meeting, Board of Trustees

VI. EXTRA AND CREDIT ORDERS AND EXTENSIONS OF TIME TO CONTRACTS
(continued)

B. Repairs to Rooms 473, 476, 478, 479 and N-729, University Hospital
(continued)

2. Electrical Contract

It is recommended that the following changes be made:

- a. Provide 8" x 1-1/2" Walker electric ducts below the finished floors in Operating Rooms 473 and 479 connecting console panels at each side of each room with a terminal panel in the corridor. This work will provide for future installation of surgical monitoring devices and should be done before the floor fill and finished floors are installed. Add \$1,433.30.
- b. In lieu of reinstalling existing clock in Room 478, provide a new synchronized clock, similar to those in the other Operating Rooms. This clock will be tied in with the existing hospital synchronization system. Add \$175.00.
- c. Install the motorized dimmer switches for lights in Room 476 in the corridor drinking fountain recess instead of in Room 472 where explosive gases will be worked with and stored. This change will eliminate the danger of sparking from the switches. Add \$27.00.

Total addition \$1,635.30

Funds for these extra orders in the amount of \$2,452.85 will be provided from the University Hospital Rotary.

C. Research Space - East Side of Stadium (Phase II)

General Contract

It is recommended that movable metal office-type partitions be provided in Rooms 109L and 110L; asphalt tile flooring, rubber base and wall painting be provided in Rooms 108L, 108M, 108N, 108P, 108R, 108S, 109L and 110L; and seal the openings at six of the original Stadium columns at the 752.08' level with 3" of concrete.

Add \$3,074.43

Funds for this extra order are available in Budget Account 91020.

April 17, 1964 meeting, Board of Trustees

VI. EXTRA AND CREDIT ORDERS AND EXTENSIONS OF TIME TO CONTRACTS
(continued)

D. Student Housing, Building No. 12 (Drackett Tower)

Electrical Contract

It is recommended that an additional cable be provided between Building No. 12 and Building No. 6 and additional oil switches be provided in each building on the primary electric distribution system. These changes will permit the eventual completion of a cable loop in the North Dormitory Complex which will permit feeding electricity to the entire area through either of the two present feeders.

Add \$8,429.00

Funds for this extra order are available in the Dormitory Construction Fund.

E. Addition to Antenna Laboratory

Electrical Contract

It is recommended that feeders, outlets, wiring and main breakers for special services at Laboratory Panels be provided as specified in Alternate E-1.

Add \$9,652.00

Funds for this extra order are available in Budget Account 91019.

F. Replacement of Contagious Wing Incinerator, University Hospital

Because of a delay in the receipt of Controlling Board approval, it is recommended that an extension of time for completion of the contract be granted for this project from April 1, 1964 to July 1, 1964.

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

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:

April 17, 1964 meeting, Board of Trustees

VII. PLANS AND SPECIFICATIONS (continued)

A. The following projects are part of the scheduled annual maintenance program and are funded from the Maintenance Account in H. B. 711.

1. Exterior Painting of Twenty-Two Buildings
2. Interior Painting and Patch Plastering of Five Buildings
3. Wall Washing Five Buildings
4. Repairs to Curbs on the Streets on Campus
5. Repairs to Exterior Masonry of Ten Buildings
6. Repairs to Roofs on Seven Buildings
7. Repair and Resurface Sidewalks on Campus
8. Repair Streets and Parking Areas on Campus

B. Repairing and Patching a Portion of the Exterior Concrete Surface of the Stadium

Funds for this project are provided in the Athletic Department Revenue Fund.

C. Stadium Press Box Elevator

This project provides a new shaft and elevator on the outside of the west side of the Stadium.

Funds for this project are available in the Athletic Department Revenue Fund.

D. Addition and Alterations to George Wells Knight International Student Center

This project includes the addition of an assembly room to the house and interior renovations.

Funds for this project are available in Budget Account 21272 International Student Center Program.

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

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April 17, 1964 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. Repair of Electrical Distribution and Lighting in Botany and Zoology Building, Derby Hall, Hamilton Hall, Page Hall and Stillman Hall

Bids were received on February 14, 1964 for this project and the award of contract recommended to the lowest and best bidder as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
(9 bids received)		
Pence Electric Company (Columbus)	\$121,000.00	\$184,000.00

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

B. Highway Testing Laboratory Remodeling

Bids were received on March 5, 1964 for this project and the award of contracts recommended to the lowest and best bidders as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(12 bids received)		
C. C. Vogel (Columbus)		
Base Bid	\$137,736.00	\$135,000.00
Alt. G-3 Site Improvement in Court	12,692.00	9,000.00
Alt. G-4 Site Improvement at Entrances	1,228.00	1,750.00
Total Contract	<u>\$151,656.00</u>	<u>\$145,750.00</u>

<u>Plumbing Contract</u>		
(5 bids received)		
Piping Contractors (Columbus)		
Base Bid	\$ 17,903.00	\$ 25,300.00
Alt. P-2 Vacuum Cleaning System	3,037.00	3,500.00
Total Contract	<u>\$ 20,940.00</u>	<u>\$ 28,800.00</u>

<u>Heating and Ventilating Contract</u>		
(7 bids received)		
Limbach Co. (Columbus)		
Base Bid	<u>\$ 92,332.00</u>	<u>\$ 98,952.00</u>

<u>Electrical Contract</u>		
(8 bids received)		
Blum & Son Electric Co. (Columbus)		
Base Bid	\$ 44,700.00	\$ 54,000.00
Alt. E-2 Service for Vacuum System	223.00	800.00
Total Contract	<u>\$ 44,923.00</u>	<u>\$ 54,800.00</u>

<u>Total Contracts</u>	<u>\$309,851.00</u>	<u>\$328,302.00</u>
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Funds for this project are provided in Item 022, S. B. 370, when they are released.

April 17, 1964 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

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

Bids were received on March 17, 1964 for this project and all bids for the Refrigeration Contract and the Plumbing Contract rejected. These two divisions were readvertised with bids received on March 31, 1964. The recommendation for award of contracts are as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract (3-17-64)</u> (6 bids received)		
A. L. Meyer Construction Co. (Columbus)	\$ 15,603.00	\$ 27,500.00
<u>Electrical Contract (3-17-64)</u> (5 bids received)		
Mid City Electric Co. (Columbus)	35,290.00	55,000.00
<u>Refrigeration Contract (3-31-64)</u> (3 bids received)		
Koppers Co. Inc. (Detroit, Michigan)	183,074.00	204,807.00
<u>Plumbing Contract (3-31-64)</u> (1 bid received)		
Piping Contractors, Inc. (Columbus)	10,185.00	11,000.00
Total Contracts	<u>\$244,152.00</u>	<u>\$298,307.00</u>

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

D. Stadium Press Box Elevator

Bids were received for this project on April 7, 1964 and the award of contracts recommended as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (7 bids received)		
Pendleton Construction Co. (Columbus)	\$ 68,743.00	\$ 85,000.00
<u>Electrical Contract</u> (3 bids received)		
McCarty Bros. Electric Co. (Columbus)	2,560.00	5,000.00
Total Contracts	<u>\$ 71,303.00</u>	<u>\$ 90,000.00</u>

Funds for this project will be provided from the Athletic Department Revenue Fund.

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

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April 17, 1964 meeting, Board of Trustees

IX. CONTROLLING BOARD APPROVALS

Each numbered approval shown below accomplishes the following purposes:

- 67 Approves the expenditure of \$7,300.00 from Maintenance Account 200, H. B. 711, for the project "Starling Loving Hall - Window Repairs."
- 68 Approves the expenditure of \$21,700.00 from Maintenance Account 200, H. B. 711, for the project "McPherson Laboratory - Window Repairs."
- 71 Approves the expenditure of \$122,000.00 from Maintenance Account 200, H. B. 711, for the project "Repair of Electrical Distribution and Lighting in Botany and Zoology Building, Derby Hall, Page Hall, Hamilton Hall and Stillman Hall."
- 76 Authorizes 10-day advertising for the project "Stadium Press Box Elevator."

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X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Employment of Engineer - Materials Engineering and Science Building

It is recommended that the engineering firm of Fling & Eeman, Inc., be employed to provide professional engineering services for the structural system, including design calculations, drawings, specifications, estimate of cost, checking shop drawings, and consultation and supervision during construction on unusual or unexpected problems.

The fee for this service will be 0.85 per cent of the cost of the General Contract or an estimated \$6,375.00. Funds are available in Item No. 002, S. B. 370, for this project and the employment of this firm as stated above is subject to the release of the funds necessary for their fee.

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

B. Demolition of Buildings

Upon the request of the Vice President, Business and Finance, and with the concurrence of the Cabinet, it is recommended that all buildings located on the following property be demolished as soon as practical:

Structure at 2570 Hardin Street,
(River Road Dormitory No. 12)

This demolition will be accomplished in the normal University manner.

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

April 17, 1964 meeting, Board of Trustees

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

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 \$55,000.00 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.

D. Purchase of Buildings and Property, 385 West Tenth Avenue

It is recommended that the Vice President, Business and Finance, be authorized to proceed with the purchase of the following property from Alice M. Bratton at a price of \$17,500.00:

Property known as 385 West Tenth Avenue, being
Lot #37, Elizabeth King's Olentangy Subdivision,
City of Columbus, County of Franklin, State of Ohio.

The purchase will be consummated when funds are made available in Item 015 College of Medicine - Land, S. B. 370.

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

E. Purchase of Buildings and Property, 1631 Perry Street

It is recommended that the Vice President, Business and Finance, be authorized to proceed with the purchase of the following property from Alden R. Winter and Ethel F. Winter at a price of \$35,500.00:

Property known as 1631 Perry Street, being
128' x 100' on Perry Street Tract, McMillin's
Partition, City of Columbus, County of Franklin,
State of Ohio.

This purchase will be consummated when funds are made available in Item 015 College of Medicine - Land, S. B. 370.

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

April 17, 1964 meeting, Board of Trustees

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

F. Purchase of Buildings and Property, 124-126 West Frambes Avenue

It is recommended that the Vice President, Business and Finance, be authorized to proceed with the purchase of the following property from Lawrence C. Grener at a price of \$12,750.00:

Property known as 124-126 West Frambes Avenue,
being Lot #172, 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 purpose.

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

G. Purchase of Buildings and Property, 146-148 West Frambes Avenue

It is recommended that the Vice President, Business and Finance, be authorized to proceed with the purchase of the following property from Frederick C. McGillivray at a price of \$15,000.00:

Property known as 146-148 West Frambes Avenue,
being Lot #178, 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 purpose.

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

H. Purchase of Property - Lots No. 111, 112, 113, 170, 171, 173, 174, 175, 176, 177, 187 and 188 of R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, 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 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

April 17, 1964 meeting, Board of Trustees

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

H. Purchase of Property - Lots No. 111, 112, 113, 170, 171, 173, 174, 175, 176, 177, 187 and 188 of R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio (continued)

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 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 University has arranged for the necessary financing for construction and detailed construction drawings and specifications are being completed; 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 as soon as funds are available from S. B. 370 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. Lot No. 111 and 5' x 77' of Lot No. 112, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 121 West Frambes Avenue. Owner of record is Arthur R. and Bessie King.
2. Being the south 83' of Lots No. 112 and 113, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 2085-93 Peasley Street. Owners of record are Thomas Hartzler, Florence Slagle, John L. Penry, Audrey Dudley, John G. Vermillion and Harold K. Hull.
3. Being the north 55' x 77' of Lots No. 112 and 113, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 111-117 West Frambes Avenue. Owner of record is the Huntington National Bank, Trustees.

April 17, 1964 meeting, Board of Trustees

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

H. Purchase of Property - Lots No. 111, 112, 113, 170, 171, 173, 174, 175, 176, 177, 187 and 188 of R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio (continued)

4. Lot No. 171 and 10' of Lot No. 170, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 120 West Frambes Avenue. Owner of record is Evelyn Schirtzinger.
5. Lot No. 173, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 128 West Frambes Avenue. Owner of record is Rohe F. and Alice M. Helm.
6. Lot No. 174, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 132 West Frambes Avenue. Owner of record is George C. and Mae M. Hall.
7. Lot No. 175, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 134 West Frambes Avenue. Owner of record is Lela F. Darby.
8. Lot No. 176, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 140 West Frambes Avenue. Owner of record is John W. and Nena Bowen.
9. Lot No. 177, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 144 West Frambes Avenue. Owner of record is Jean G. Smith.
10. Being the south 95' of Lots No. 187 and 188, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 2138 Neil Avenue. Owner of record is Marathon Oil Company.
11. Being the north 65' of Lots No. 187 and 188, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 2142-46 Neil Avenue. Owner of record is Sun Realty Co.

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

I. Parking Facilities Feasibility Consultants

It is recommended that the Vice President, Business and Finance, be authorized to proceed to employ Wilbur Smith & Associates, New Haven, Connecticut, to bring the parking facilities feasibility study up to date.

April 17, 1964 meeting, Board of Trustees

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

I. Parking Facilities Feasibility Consultants (continued)

The fee for this service will be negotiated on the same basis as the original study and funds will be provided from Account 86287, Parking Facilities.

Upon motion of Mr. Bricker, seconded by Mr. Allyn, 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 Robert Gildersleeve Paterson, Professor Emeritus, Social Administration, and in accordance with 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 to the family of the deceased.

A. Robert Gildersleeve Paterson

The Board of Trustees expresses its sorrow at the death on March 11, 1964, in Tryon, North Carolina, of Robert Gildersleeve Paterson, Professor Emeritus, Social Administration.

Professor Paterson was born in Columbus, Ohio, on September 18, 1882. He received the B.A. degree from The Ohio State University in June 1905, a Certificate from the New York School of Social Work (now Columbia University, School of Social Work) in 1906, the M.A. degree from Columbia University in 1907, and the Ph.D. degree from the University of Pennsylvania in 1909.

Professor Paterson joined the faculty as an Assistant Professor of Public Health, Department of Public Health and Sanitation, College of Medicine, in 1915 and served until 1920. From 1925 to 1933, he was a Lecturer in Public Health in the Department of Sociology and the School of Social Administration of the University. From 1933 until the time of his retirement in December 1947, he served as a Professor, part time, in the School of Social Administration, which he helped to organize in 1927.

Dr. Paterson became the first paid Executive Secretary of the Ohio State Society for the Prevention of Tuberculosis in May 1911. In the years 1912 and 1913 Dr. Paterson, representing the Ohio Society, was instrumental in the creation of the Division of Tuberculosis in the Ohio State Board of Health, the first such division in the United States. He became the first Secretary and Executive Officer of the new Division, serving from May 15, 1913 to September 1, 1916, during which time he organized a tuberculosis program, a public health nursing service, and a public health education program.

During World War I, Dr. Paterson assisted in the organization of the American Red Cross Commission to Italy.

April 17, 1964 meeting, Board of Trustees

XI. RESOLUTION IN MEMORIAM (continued)

A. Robert Gildersleeve Paterson (continued)

For over forty years, he devoted his energies to combat tuberculosis in Ohio and the United States, serving as Executive Secretary of the Ohio Society, later to become the Ohio Tuberculosis and Health Association. His interest and activity assisted in the development of tuberculosis organizations in other states and of the National Tuberculosis Association.

Dr. Paterson was known as an inspiring teacher in public health organization and assisted many graduate students in preparing for careers in tuberculosis societies and community health organizations in local social planning councils. Through Dr. Paterson's interest and effort, a scholarship in community health organization was established in the School of Social Administration (now School of Social Work).

Dr. Paterson was the author of many papers, pamphlets, and monographs dealing with tuberculosis and public health. He was the author of a textbook, "Foundations of Community Health Education," published in June 1950.

Upon motion of Mr. Dargusch, seconded by Mr. Bricker, the Board of Trustees unanimously expressed to the family its deep sympathy and directed that this resolution be inscribed upon the minutes of the Board of Trustees.

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XII. REPORTS

A. Report of the Finance and Investment Committee--
University's Investment Portfolio

The reports of the University's Investment Portfolio dated February 28, 1964 and March 31, 1964, as approved by the Finance and Investment Committee of the Board, were received by the Board of Trustees, and the Secretary was instructed to file a copy of the reports with the official records of the Board of Trustees. The Committee's report included the following resolution:

Sale of Land (Portion of Mitchell Tract, Route 161)
to Adjutant General's Department, State of Ohio

Whereas, the Adjutant General's Department of the State of Ohio desires a site for Ohio National Guard Armory and Aviation Operations in the vicinity of University Airport and,

Whereas, the Board of Trustees has title in its Investment Portfolio to a tract of land on the north side of University Airport which would be suitable for such use in accordance with the University's official Master Plan for Don Scott Field, and,

April 17, 1964 meeting, Board of Trustees

XII. REPORTS (continued)

A. Report of the Finance and Investment Committee--
University's Investment Portfolio (continued)

Whereas, the Adjutant General's Department has offered to purchase approximately 26 acres comprised of an eighteen-acre tract at \$2,880.00 per acre and an eight-acre tract at \$1,664.00 per acre, totaling \$65,152.00 for the 26 acres.

Therefore, Now Be It Resolved that the Vice President for Business and Finance have the desired tract surveyed and a legal description prepared and,

Be It Further Resolved that the President and Treasurer are hereby authorized and empowered to execute a deed transferring the land to the Adjutant General's Department, State of Ohio, upon payment of the above stipulated \$65,152.00, this money to be deposited in the University's Investment Portfolio.

The above resolutions, authorizing the sale of certain land held in the Investment Portfolio, were adopted by unanimous consent.

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 February 14, 1964 meeting of the Board of Trustees. The report, which is filed with the official records of the Secretary, included:

1. A report of the establishment of a new division to coordinate all research activities in the College of Commerce and Administration to be administered by Assistant Dean for Research, Dr. Carroll L. Shartle.
2. The announcement that the University ranked eighth in the Nation in the number of Ph.D's granted in the area of engineering (39) during the 1962-1963 academic year, according to a report in the Journal of Engineering Education.
3. A report of the Administrative Council's action to equalize the four quarters of the academic year.
4. An announcement of the recipients of the Alumni Distinguished Teaching Awards, which were presented at the Winter Quarter Faculty Meeting on March 5, 1964.

Dr. Linden F. Edwards, Professor, Department of Anatomy
Professor Hoyt L. Sherman, Professor, School of Art
Dr. Clyde C. Allison, Professor, Department of Botany
and Plant Pathology
Dr. Meno Lovenstein, Professor, Department of Economics
Dr. Henry E. Wenden, Professor, Department of Mineralogy

April 17, 1964 meeting, Board of Trustees

XII. REPORTS (continued)

C. Report Concerning the Location of a Branch Campus
in North Central Ohio (Mansfield Area)

President Fawcett reported to the Board for information that the Board of Regents at its last regular meeting held on April 10, 1964, recommended release of planning money for a branch campus "to be located in the vicinity but to the west of Mansfield, on land to be donated by the community." The University will proceed promptly to complete its site selection studies and report the location of the site to the appropriate citizens advisory board of the Mansfield area. The site will then be purchased with funds provided by the citizens of the area served--Mansfield, Bucyrus, Galion, Shelby, and Crestline.

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Thereupon the Board adjourned to meet Friday, May 15, 1964, at The Ohio State University, Columbus, Ohio, at ten o'clock.

Attest:

John T. Mount
Secretary

Thomas F. Patton
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
NINE HUNDRED AND EIGHTY-NINTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, May 15, 1964

The Board of Trustees met at its regular monthly meeting on Friday, May 15, 1964, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Smith L. Rairdon, Vice 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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Minutes of the last meeting were approved.

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May 15, 1964 meeting, Board of Trustees

ELECTION OF OFFICERS

Mr. John W. Bricker moved that the following-named persons be placed in nomination as officers for the Board of Trustees, whose terms shall be effective immediately and shall continue through the May 1965 meeting of the Board:

Chairman - Smith L. Rairdon

Vice Chairman - Alan B. Loop

Secretary - John T. Mount

Treasurer - Gordon B. Carson

Mr. John Ketterer seconded the motion and with Mr. Stanley C. Allyn in the chair, the above-named persons were elected to the offices as indicated by acclamation of the Board.

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The newly elected Chairman, Mr. Rairdon, then invited Mr. Alan Loop to present a statement on behalf of the Board of Trustees in recognition of the meritorious service of Mr. Thomas F. Patton, the retiring Chairman of the Board of Trustees.

A TRIBUTE TO THOMAS F. PATTON

Mr. Loop presented the following statement:

Each of us on this Board, President Fawcett and his Cabinet, the faculty and student body, and the Alumni wherever they may be, will feel the impact of Mr. Patton's retirement as a Trustee of this great University.

He has given generously of his time, energy, and worldly goods to this University. From the day in 1926 when he graduated, with honors, from our College of Law, to this very moment he has been unselfishly dedicated to repaying what we have heard him describe as "a graduate's obligation to his University."

Mr. Patton over his years as a graduate has served as a member of the Board of Directors of The Ohio State University Association, as a member of the Alumni Advisory Board, and in addition has enjoyed the distinct honor of being elected National President of The Ohio State University Association for the 1945-47 term. On May 13, 1964 he completed seven years as a member of this Board of Trustees. During the last year as our Chairman, he devoted many hours in leading the successful campaign for the \$250,000,000 Bond Issue--a matter so important to all of Ohio, and to his Alma Mater.

The enviable stature of Tom Patton in this country and abroad is well known. His eminence as a leader of men and of industry has already become legendary. But above all, he possesses one of the finest of virtues--he is instinctively and innately an extremely courteous man. It is said that courtesy, in the final analysis, is merely "awareness of

May 15, 1964 meeting, Board of Trustees

A TRIBUTE TO THOMAS F. PATTON (continued)

others." We all felt better in his presence and we will all do better for The Ohio State University in the days ahead because of having been exposed to the delightful personality of this kind and generous gentleman.

Upon motion of Mr. Allyn, seconded by Mr. Davis, the Secretary was instructed by unanimous vote to spread this excellent and well-deserved statement upon the record and to send a copy of the statement to Mr. Patton.

President Fawcett added his enthusiastic support to the above statement on behalf of the administration, faculty, and students of the University. President Fawcett was authorized by the Board to present the following certificate of grateful acknowledgment of Mr. Patton's distinguished service to the University.

The Ohio State University

in recognition of duty well performed
upon completion of distinguished service to the University
as a dedicated member of the Board of Trustees and a
faithful custodian of our educational heritage, the
Board of Trustees conveys deep appreciation and good wishes to

Thomas F. Patton

a loyal alumnus of the University. In grateful acknowledgement
this certificate is presented, by resolution of the Board.



Given at Columbus on the fifteenth day of May in
the year of our Lord nineteen hundred sixty-four.

Smith L. Bairdon *Novice H. Fawcett*
Chairman of the Board of Trustees President of the University
John T. Mount
Secretary of the Board of Trustees

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May 15, 1964 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Naming of Building - "The College of Pharmacy"

Upon the recommendation of Dean Lloyd M. Parks and the faculty of the College of Pharmacy, and with the concurrence of Mr. Frederick Stecker, Executive Director for University Relations, it is proposed that the new building to be erected for the College of Pharmacy on the north side of 12th Avenue, north of Upham Hall, be known as "The College of Pharmacy."

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. Allyn, seconded by Mr. Loop, the Board of Trustees by a unanimous roll call vote approved the naming of the new building to be erected for the College of Pharmacy on the north side of 12th Avenue, north of Upham Hall.

B. Distinguished Service Awards

In 1952 the Board of Trustees established the Distinguished Service Award to be given in recognition of eminent and illustrious service to The Ohio State University. The President's Cabinet, which serves as the Committee on Distinguished Service Awards, has nominated for consideration by the Board of Trustees the following-named persons to receive the Distinguished Service Award at the August 28, 1964 Commencement:

Viva Belle Boothe
John Bernis Brown
Josephine Sitterle Failer
Fred Andrews Hitchcock
Everett David Reese

Upon motion of Mr. Davis, seconded by Mr. Bricker, the above nominations for the Distinguished Service Award were approved by a unanimous roll call vote.

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II. PERSONNEL CHANGES

It is recommended that all personnel changes since the April 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 Changes in Titles and Administrative Responsibilities, Leaves of Absence Without Salary, and Emeritus Titles:

May 15, 1964 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Changes in Titles and Administrative Responsibilities -
Ohio Cooperative Extension Service

That effective July 1, 1964, the titles and administrative responsibilities for the following-named persons be changed as indicated below. All salary adjustments to be made in connection with these changes in duties will be included in the 1964-65 personnel services budget which will be presented to the Board of Trustees at its June 1964 meeting.

Roy M. Kottman from Dean of the College of Agriculture and Home Economics to Dean of the College and Director of the Ohio Cooperative Extension Service. He will continue as the Director of the Ohio Agricultural Experiment Station.

Edwin L. Kirby from Acting Director of the Ohio Cooperative Extension Service to Associate Director of the Ohio Cooperative Extension Service. He will continue to hold the rank of Professor in the Department of Agricultural Education.

B. Leaves of Absence Without Salary

Edward C. Naber, Professor (part time - 55%), Poultry Science, September 1, 1964 through June 30, 1965, to be a Visiting Professor at the University of Wisconsin.

Francis W. Niedenfuhr, Professor, Engineering Mechanics, October 1, 1964 through September 30, 1965, to accept a post with the Institute for Defense Analyses, Washington, D. C.

Kenneth L. Karst, Professor, College of Law, October 1, 1964 through December 31, 1964, to teach at UCLA.

John W. Sharp, Professor (part time - 44%), Agricultural Economics and Rural Sociology, June 1, 1964 through May 31, 1965, to direct the agricultural economics research in the area of food storage and processing in foreign countries for Weitz-Hettelsater Engineers of Kansas City.

Richard U. Sherman, Jr., Mershon Professor of Economics, Mershon Committee on Education, October 1, 1964 through June 30, 1965, to teach at National War College, Washington, D. C.

Walter F. Loeb, Assistant Professor, College of Veterinary Medicine - Administration and Veterinary Pathology, July 1, 1964 through June 30, 1965, to complete work on the Ph.D. degree at Michigan State University.

Lloyd C. Parks, Assistant Professor, English, October 1, 1964 through September 30, 1965, to continue his Fulbright grant in France.

May 15, 1964 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Emeritus Titles

Harold P. Fawcett, Education, with the title Professor Emeritus, effective September 1, 1964.

George E. Large, Civil Engineering, with the title Professor Emeritus, effective July 1, 1964.

Robert E. Mathews, College of Law, with the title Professor Emeritus, effective July 1, 1964.

Ralph S. Paffenbarger, Engineering Drawing, with the title Professor Emeritus, effective July 1, 1964.

Harrison B. Summers, Speech, with the title Professor Emeritus, effective July 1, 1964.

John Gersten, Anatomy, with the title Associate Professor Emeritus, effective July 1, 1964.

Robert C. Higgy, Electrical Engineering, with the title Associate Professor Emeritus, effective July 1, 1964.

Eunice J. Wertenberger, School of Home Economics, with the title Assistant Professor Emeritus, effective July 1, 1964.

Upon motion of Mr. Bricker, seconded by Mr. Ketterer, the Changes in Titles and Administrative Responsibilities, Leaves of Absence Without Salary, Emeritus Titles, and the personnel changes 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 Excitation and Inhibition in the Vertebrate Retina (to be known as National Institutes of Health Project No. 782 - Ext. #6 - Institute for Research in Vision).
Gross Value - \$34,599.00.

May 15, 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)

- b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for A Servoanalytic Study of the Myotatic Reflex System (to be known as National Institutes of Health Project No. 1101 - Ext. #4 - Department of Physiology).
Gross Value - \$11,048.00.
- c. Department of Health, Education and Welfare, Public Health Service, Bureau of State Services, Washington, D. C., for Characterization of Milk Lipases (to be known as Bureau of State Services Project No. 1263 - Ext. #3 - Department of Dairy Technology).
Gross Value - \$6,460.00.
- d. Department of Health, Education and Welfare, Public Health Service, 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. #3 - Departments of Dairy Technology and Chemistry).
Gross Value - \$19,680.00.
- e. 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. #3 - Department of Pharmacology).
Gross Value - \$24,552.00.
- f. Department of Health, Education and Welfare, Public Health Service, Bureau of State Services, Washington, D. C., for The Professionalization of Dental Students (to be known as Bureau of State Services Project No. 1283 - Ext. #3 - Department of Sociology and Anthropology).
Gross Value - \$15,218.00.
- g. Department of Health, Education and Welfare, Public Health Service, Bureau of State Services, Washington, D. C., for Improving Competence of Nursing Faculty in Research (to be known as Bureau of State Services Project No. 1384 - Ext. #2 - School of Nursing).
Gross Value - \$34,336.00.
- h. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for Research on Similarity Parameters Relating Model Tests in High-Enthalpy Hypersonic Wind Tunnels to Corresponding Full-Scale Flight Conditions (to be known as Systems Engineering Group, Research and Technology Division Project No. 1580 - Mod. #3 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$50,725.00.

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 an Investigation of Functional Morphology in the Aging Nervous System (to be known as National Institutes of Health Project No. 1624 - Sup. #1 - Department of Psychiatry).
Gross Value - \$10,780.00.
- j. 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. #2 - Department of Psychiatry).
Gross Value - \$19,692.00.
- k. 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. #1 - Department of Speech).
Gross Value - \$32,267.00.
- l. 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. #3 - RF Internal Supervision).
Gross Value - \$31,500.00.
- m. Department of Health, Education and Welfare, Public Health Service, 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 - Sup. #1 and Ext. #1 - Department of Chemistry).
Gross Value - \$13,156.00.
- n. U. S. Army Research Office, Durham, Box CM, Duke Station, Durham, North Carolina, for an Investigation of 4237-C - Synthesis and Properties of Naphtho- and Phenanthraquinones (to be known as U. S. Army Research Office Project No. 1667 - Sup. #1 - Department of Chemistry).
Gross Value - \$17,513.00.
- o. Department of Health, Education and Welfare, Public Health Service, 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 - Ext. #1 - Department of Mathematics).
Gross Value - \$4,975.00.

May 15, 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)

- p. Headquarters, Rome Air Development Center, Griffiss Air Force Base, New York, for an Investigation of EM Absorbing Material Application (to be known as Rome Air Development Center Project No. 1767 - New - Department of Electrical Engineering).
Gross Value - \$65,000.00.
- q. Classified Program (to be known as Classified Program Project No. 1801 - New - Department of Electrical Engineering).
Gross Value - \$150,000.00.
- r. Classified Program (to be known as Classified Program Project No. 1815 - New - Department of Electrical Engineering).
Gross Value - \$20,000.00.
- s. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for an Investigation of the Relationship of Microstructure to Strength and Toughness in High Strength Steels (to be known as Systems Engineering Group, Research and Technology Division Project No. 1816 - New - Department of Metallurgical Engineering).
Gross Value - \$16,200.00.
- t. National Science Foundation, Washington, D. C. , for Essential Improvements in the 360-Foot Radio Telescope (to be known as National Science Foundation Project No. 1817 - New - Department of Electrical Engineering).
Gross Value - \$43,300.00.
- u. National Academy of Sciences, 2101 Constitution Avenue, Washington, D. C. , for Retrospective Halothane Study (to be known as National Academy of Sciences Project No. 1818 - New - Department of Surgery).
Gross Value - \$5,557.00.
- v. 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 - New - Bureau of Educational Research and Service).
Gross Value - \$140,554.00.
- w. 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 - New - Department of Chemistry).
Gross Value - \$22,627.00.

May 15, 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)

- x. National Science Foundation, Washington, D. C., for an Investigation of Particulates in Antarctic Firn Cores (to be known as National Science Foundation Project No. 1821 - New - Institute of Polar Studies).
Gross Value - \$18,700.00.
- y. 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 - New - Department of Physiological Chemistry).
Gross Value - \$21,897.00.
- z. Department of Health, Education and Welfare, Public Health Service, 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 - New - Department of Pathology).
Gross Value - \$12,604.00.
- aa. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Tricyclic Tropane Congeners (to be known as National Institutes of Health Project No. 1825 - New - Department of Chemistry).
Gross Value - \$12,031.00.
- bb. 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 - New - Department of Metallurgical Engineering).
Gross Value - \$14,984.00.
- cc. National Science Foundation, Washington, D. C., for an Investigation of Physical Chemical Properties of Monomolecular Films and Dilute Solutions in the Chlorophylls (to be known as National Science Foundation Project No. 1828 - New - Department of Chemistry).
Gross Value - \$16,000.00.

TOTAL - Government Contracts - Federal \$885,955.00

2. Industrial and Other Contracts

- a. Regents of the University of Wisconsin, Madison, Wisconsin, for Drug Evaluation Program of the CCNSC in the Central Region, USA (to be known as Regents of the University of Wisconsin Project No. 1395 - Cks. #134276 and 136904 - Department of Surgery).
Gross Value - \$3,600.00.

May 15, 1964 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

2. Industrial and Other Contracts (continued)

- b. The University of Michigan, Ann Arbor, Michigan, for an Investigation of Bistatic Microwave Cross-Section Measurements (to be known as The University of Michigan Project No. 1822 - New - Department of Electrical Engineering).
Gross Value - \$44,000.00.

TOTAL - Industrial and Other Contracts \$47,600.00

The foregoing thirty-one contracts for research in cooperation with Government, Industry and Other represent a gross income of \$933,555.00.

Upon motion of Mr. Jones, 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 consent.

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

During the period from April 4, 1964 through April 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 232 A Study of V-Belts, Dayco Corporation, Belt Engineering
Ext. #1 Department, Springfield, Missouri.
Gross Value - \$1,440.00.
- EES 244 The Influence of Metallurgical Factors on Resistance Spot
Welding of Galvanized Steel, International Lead-Zinc
Research Organization, New York, New York.
Gross Value - \$16,650.00.
- EES 245 Fire Safety Characteristics of Certain Building Constructions
and Materials, American Iron and Steel Institute, New York,
New York.
Gross Value - \$136,620.00.
- EES 246 The Effect of Structural Restraint, Stiffness and Composite
Action on the Fire Resistance of Steel Constructions,
American Iron and Steel Institute, New York, New York.
Gross Value - \$13,740.00.

The foregoing four contracts for research in the Engineering Experiment Station represent a gross income of \$168,450.00.

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May 15, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS

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

A. Administered Through the Office of Business and Finance

1. \$38,592.00 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 in Social Sciences," under the direction of Dr. Raymond F. Sletto and Dr. Saad Z. Nagi, Department of Sociology and Anthropology, for the period July 1, 1964 through June 30, 1965. (Grant 5 T1 MH-7853-03)
2. \$35,464.00 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 "Graduate Training - Psychiatric Social Work," under the direction of Mrs. Miriam E. Prince, for the period July 1, 1964 through June 30, 1965. (Grant 5 T1 MH-6530-08)
3. \$29,524.00 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, for the period July 1, 1964 through June 30, 1965. (Project No. 45)
4. \$29,235.00 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 - Arthritis and Metabolic Diseases," under the direction of Dr. George J. Hamwi, Department of Medicine, for the period July 1, 1964 through June 30, 1965. (Continuing project reported to the Board May 18, 1962.) (Grant T1 AM 5118-08)
5. \$28,975.00 granted by the Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, to the University for "Training Grant - Neurological Diseases and Blindness," under the direction of Dr. James V. Warren, Department of Medicine, for the period July 1, 1964 through June 30, 1965. (Grant 1 T8 NB 10,031-01)
6. \$21,589.00 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 - Psychiatric Nursing," under the direction of Professor Mildred E. Newton, School of Nursing, for the period July 1, 1964 through June 30, 1965. (Grant 2 T2 MH-6375-08)
7. \$21,306.00 granted by the Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, to the University for a "Development Award - Energy Conversion in Primary Bio-photoprocesses," under the direction of Dr. H. H. Nielsen, Chairman, Department of Physics, for the period April 1, 1964 through March 31, 1965. (Grant 1-K3-GM-21,946-01)

May 15, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

8. \$17,928.00 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," under the direction of Dr. John C. Ullery, Department of Obstetrics and Gynecology, for the period July 1, 1964 through June 30, 1965. (Grant T1 AM 5403-02)
9. \$8,273.00 granted by the Department of Health, Education and Welfare, Public Health Service, Division of Nursing Resources, Washington, D. C., to the University for "Regular Academic Program - Supplemental Award," under the direction of Professor Mildred E. Newton, School of Nursing, for the period September 1, 1963 through August 31, 1964. (NT-29-C7-S-1)

TOTAL - Through the Office of Business and Finance \$230,886.00

B. Received Through the Development Fund

1. \$14,000.00 from The Payne Fund, Inc. to the College of Education, Bureau of Educational Research and Service, for support of the various instruments of communication from the Bureau.
2. \$10,000.00 from William Bartlett Calkins for the William Bartlett Calkins Scholarship Fund.

William Bartlett Calkins Scholarship Fund

The William Bartlett Calkins Scholarship Fund was established January 21, 1964, by a gift through the Development Fund from William Bartlett Calkins, G. Ph. '98. The principal is to be invested in accordance with Sec. 3345.16 G. C. The income is to be used for scholarships in the field of science in the same manner and for the same purpose as the income from the George H. Calkins Scholarship Fund. In the event the need for such scholarships ceases to exist, the Board of Trustees, at its discretion, may use the income for any purpose.

3. \$8,340.02 from the Estate of Edythe L. Cook to be used by the Speech and Hearing Clinic for "research in the field of relieving total deafness."
4. \$7,500.00 from The Lubrizol Foundation--\$6,000.00 for fellowships in Chemical Engineering and Chemistry and \$1,500.00 for scholarships in Mathematics and Mechanical Engineering.
5. \$5,000.00 from American Cyanamid Company for the building fund for a new Alumni House. This was the amount won by the Ohio State team on the "Alumni Fun" program.
6. \$5,000.00 from Mrs. Bruce K. Wiseman, Columbus, Ohio, to the College of Medicine to be used for any programs developed for or in Wiseman Hall.

May 15, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

7. \$5,000.00 from the General Electric Foundation, for work in distributive education being carried on in the Department of Education under the direction of Dr. William B. Logan.
8. \$4,500.00 from Armco Steel Corporation, Middletown, Ohio, for the Armco Fellowship in Metallurgical Engineering.
9. \$3,630.00 from Tek-Hughes for use in the College of Dentistry.
10. \$3,608.00 from the Trust under the Will of Anna Roessler for scholarships in the College of Medicine.
11. \$3,500.00 from the Goodyear Foundation, Inc., Akron, Ohio, for graduate fellowship award for 1964-65 in the field of aerospace engineering in the Department of Aeronautical and Astronautical Engineering.
12. \$3,076.25 from Jacob E. Davis--\$1,676.25 for the Jacob E. Davis Scholarship Fund for School of Social Work, \$1,000.00 for the Jacob E. Davis Fund for the College of Law and \$400.00 to the Presidents Club Fund.
13. \$1,115.89 from James F. Lincoln as a special gift to the Development Fund.
14. \$1,000.00 from Charles Y. Lazarus for the Pacesetters Fund.
15. \$1,000.00 from Wendell D. Postle for the Wendell D. and Helen R. Postle Dental Student Loan Fund.
16. \$1,000.00 from Gates, McDonald and Company, Columbus, for scholarships in the School of Architecture.

TOTAL - Through the Development Fund \$77,270.16

Upon motion of Mr. Loop, seconded by Mr. Allyn, the above report of grants and gifts, including the establishment of a scholarship fund, was accepted by a 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 April, 1964, The Ohio State University Development Fund received gifts on behalf of the University as follows:

May 15, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	2,664	\$ 33,143.66
Individuals, other than alumni	42	6,621.40
Nonprofit organizations	20	59,494.65
Business concerns	16	16,673.66
	<u>2,742</u>	<u>\$115,933.37</u>

Of these gifts, 2,364 totaling \$19,823.60 were undesignated and 378 totaling \$96,109.77 were designated.

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V. APPROPRIATION AND TRANSFER OF FUNDS

A. Appropriation for the Development of a Research Project

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 \$9,000.00 be appropriated from the University Treasurer Research Subaccount (a) to supplement the funds now available in departmental accounts for the purchase of the component parts for a mass spectrometer to be assembled by the faculty of the Department of Geology.

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

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VI. EXTRAS, CREDITS AND EXTENSIONS OF TIME 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, Credit Orders and Extensions of Time 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 in each case.

A. Housing for Metallurgical and Mineralogical Laboratories

Electrical Contract

It is recommended that the 200 amp. buss duct on the basement ceiling be relocated to clear previously relocated ducts.

Add \$ 990.00

Funds for this extra order are available in Account 806, H. B. 711.

May 15, 1964 meeting, Board of Trustees

VI. EXTRAS, CREDITS AND EXTENSIONS OF TIME TO CONTRACTS (continued)

B. Student Housing, Building No. 12 (Drackett Tower)

It is recommended that an emergency engine-generator be furnished and installed in the basement of Drackett Tower to supply emergency current for four elevators, all of the exit lights, 1/3 of the corridor lights, 1/2 of the stairwell lights, and one water booster pump. In order to accomplish this work the following extra orders should be issued.

1. Electrical Contract - \$22,070.00
2. Plumbing Contract - \$1,895.00
3. General Contract - \$907.50

Total addition **\$24,872.50**

Funds for these extra orders are available in the Dormitory Construction Account.

C. Elevated Water Storage Tank

It is recommended that the following changes be made:

1. Furnish two full field coats of standard aluminum paint in addition to the patch coat of primer on the exterior surfaces of the elevated tank in lieu of the two coats of vinyl paint specified.
2. Eliminate aluminum paint on the inside surface of the bell.
3. Provide two full field coats of aluminum in addition to the patch coat of primer on the inside surface of the shaft.
4. Provide two coats of bright red painted lettering in lieu of one coat of vinyl paint.

Deduct **\$ 998.00**

Funds for this project were provided from Budget Account 19945.

May 15, 1964 meeting, Board of Trustees

VI. EXTRAS, CREDITS AND EXTENSIONS OF TIME TO CONTRACTS (continued)

D. Addition to Antenna Laboratory

Heating and Ventilating Contract

It is recommended that a 2" steam line and a 1" return line be relocated from the second floor ceiling in the laboratories along the south side of the existing building to a position above the ceiling in the corridors.

Add \$ 1,186.00

Funds for this extra order will be provided from Budget Account 91019.

E. Repairs to Rooms 473, 476, 478 and N-729, University Hospital

It is recommended that an extension of time for completion of contracts on all divisions of this project be approved from April 24, 1964 to May 24, 1964, for the following reasons:

1. Field measurements for the stainless steel surgical consoles could not be completed until rough-in by the mechanical and electrical contractors, which delayed delivery of the consoles.
2. Floor tile scheduled to be used in Operating Rooms 7 and 8 was used to replace tile in Rooms 476 and 478A by change order.
3. Lightweight concrete floor fill could not be poured due to electrical duct changes to provide for monitoring devices.

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

It is recommended that the number of faculty offices in Allyn Hall be increased from 44 to 62. As staffing for the General College and the College of Science and Engineering progresses based upon the present forecasted enrollment, it becomes apparent that this space should be provided. In order to accomplish this work, the following extra orders should be issued:

1. Mechanical Contract	Add	\$3,737.00
2. Electrical Contract	Add	1,158.00
3. Movable Partition Contract	Add	7,822.20
4. General Contract	Deduct	877.88

Total addition \$11,839.32

Funds for this extra order will be provided from Budget Account 91017.

Upon motion of Mr. Bricker, seconded by Mr. Loop, the above recommendation was approved by a 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. Repairs to Electrical Systems in Baker Hall

The scope of this project is the replacement and modernization of the original distribution wiring in this building.

Funds for the project will be provided from Budget Account 8295, Dormitory Contingency Repair and Replacement Fund.

B. Dining Facility Northwest

This facility will provide a dining area for approximately 1,730 students housed in Norton, Scott, Nosker and Archer Houses and Drackett Tower.

Funds for the project will be provided from the Dormitory Construction Account and the project will proceed as soon as funds are released for the purchase of the necessary property for construction.

Upon motion of Mr. Davis, 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 contract for the following project has been recommended for award and the action is hereby reported to the Board:

A. Connection of Cold Water Supply Lines on the West Campus

Bids for this project were received on April 23, 1964, and the award of contract recommended to the lowest and best bidder as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
(5 bids received)		
K & I Construction (Worthington)	\$8,100.00	\$10,000.00

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

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

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May 15, 1964 meeting, Board of Trustees

IX. CONTROLLING BOARD AND EMERGENCY BOARD APPROVAL

A. Controlling Board Approval

Each numbered approval shown below accomplishes the following purpose:

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" and the expenditure of this amount from the University Hospital Rotary.

B. Emergency Board Approval

Each numbered approval shown below accomplishes the following purpose:

3 Authorizes the University to proceed to repair the damage in Brown Hall caused by fire, on a force account basis, and allocates \$30,000.00 from the Emergency Fund to restore the building and replace the equipment destroyed by fire.

* * *

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Lease of Space in Hangar No. 4, University Airport

The U. S. Army Engineer District, Louisville, proposes a ten-year lease for approximately 1064 sq. ft. of space in Hangar No. 4 at a rental fee which will provide a return to the University which covers all costs. The proposed lease has been carefully evaluated and is hereby submitted to the Board of Trustees for approval.

It is recommended that the President be authorized to sign the lease for the University.

Upon motion of Mr. Davis, seconded by Mr. Jones, the above recommendation was approved by a unanimous roll call vote, and the Secretary was instructed to file a copy of the lease with the official records of this meeting.

B. Agreement for Architectural Services - Addition and Alterations to George Wells Knight International Student Center

Mr. Todd Tibbals, Architect, has agreed to provide working drawings and specifications for this project at no cost to the University or the State of Ohio.

It is therefore recommended that the Secretary be instructed to sign the agreement for this service for and on behalf of the Board of Trustees.

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

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May 15, 1964 meeting, Board of Trustees

XI. RESOLUTION IN MEMORIAM

President Fawcett reported to the Board the death of Emory Frederick Almy, Professor Emeritus of Agricultural Biochemistry, and in accordance with 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 to the family of the deceased.

A. Emory Frederick Almy

The Board of Trustees expresses its sorrow at the death on April 17, 1964, of Emory Frederick Almy, Professor Emeritus of Agricultural Biochemistry.

Professor Almy was born in Greenwood, Nebraska, on July 6, 1895. He earned his B.S. and M.S. degrees in chemistry at the University of Nebraska in 1916 and 1917 respectively. He received his Ph.D. degree from The Ohio State University in 1929. He was a veteran of World War I serving in the chemical corps in munitions production. Immediately following he was with the Nestle Co. a short time. He came to The Ohio State University as an Assistant in the Department of Agricultural Chemistry and Soils in 1919. He was made Instructor in 1921; Assistant Professor in 1925; Associate Professor in 1934; and Professor in 1940. During World War II he was with the M & R Dietetics Laboratory. He became Professor Emeritus in 1960.

Professor Almy and his students did significant work in the chemistry of milk. This work is described in a number of publications and patents. Early in his career he studied the carmelization or browning reaction in heated milk and showed it to be due to the interaction of lactose and proteins. Studies in this area have since attracted many workers for these changes became increasingly important in foods stored long periods of time. He made notable contributions to the industrial production of lactose, so necessary in the last war. His special field of interest was ion exchange modified milks which are important in baby foods, special dietary foods, and powdered dairy products, including cream. He was active in the American Chemical Society, American Dairy Science Association, and was a member of many honor societies such as Phi Beta Kappa, Phi Lambda Upsilon, and Gamma Sigma Delta.

Professor Almy came from a family of teachers and professors. During his 40 years of service, over 80 per cent of all students in the College of Agriculture were in at least one of his classes. He was particularly fond of students and this permeated his whole personality. He had a keen sense of humor and an ability to look on the bright side of every problem which was almost infectious. He and Mrs. Almy opened their home to hundreds of students and a number of students lived in their home. Whether advanced students or beginners, all were admirers of Professor Almy, and many became close life-time friends. Certainly his Department, his College, and the University have been the beneficiaries of a life time of devoted service.

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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May 15, 1964 meeting, Board of Trustees

XII. REPORTS

A. Report on the Investment Portfolio

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

B. Report from The Ohio State University Research Foundation and the Engineering Experiment Station

Mr. Mount reported that the Annual Report for The Ohio State University Research Foundation and the magazine, News in Engineering, which reported research activities for the Engineering Experiment Station, have been received. A copy of each 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.

C. 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 April 17, 1964 meeting of the Board of Trustees. The report, which is filed with the official records of the Secretary, included:

1. Two recent studies have indicated that the University is one of the top producers of the Nation's executives. Of the 2,100 universities and colleges of the Nation, Ohio State is tied for 16th place in the number of Presidents and Chairmen of the Boards of the Nation's 750 biggest corporations.
2. Dr. J. G. Harrar, President of the Rockefeller Foundation, will speak at the University's Spring Quarter Commencement on June 12.
3. Some 762 faculty and staff members were honored for their long and dedicated service to the University at the 20th Annual Recognition Dinner on Monday, May 11, 1964.
4. Ohio State's Antenna Laboratory conducted its first successful test of a moon relay of a voice-modulated signal on May 7 when President Lyndon B. Johnson's address at Ohio University was transmitted from Athens, Ohio, via the moon by a 10-kilowatt Air Force transmitter. The signal took 2 1/2 seconds to cover the 480,000-mile route and was received and reported by equipment at the "saucer field" of Ohio State's Antenna Laboratory. Engineers reported the reception as "good."
5. Dr. John C. Weaver, who will be assuming his duties at The Ohio State University as Vice President for Instruction and Dean of Faculties, was elected recently to the Chairmanship of the Committee on Institutional Cooperation, for the coming year. He will succeed Dr. Frederic Heimberger in this capacity.

May 15, 1964 meeting, Board of Trustees

XII. REPORTS (continued)

C. Report on Highlights of Campus Activities (continued)

President Fawcett further reported that the Spring Quarter University faculty meeting to be held on May 25 will be devoted to officially recognizing Dr. Heimberger for his many years of faithful service to the University.

Vice President Heimberger indicated that this will be the last meeting which he will attend in his official capacity, and Mr. Rairdon expressed best wishes to Dr. Heimberger and the desire of the Board to share in the well-deserved recognition which will be bestowed upon him at the May 25 meeting of the University faculty.

D. Report Concerning the Leadership Awards Dinner

Mr. Loop reported to the Board that he and Mr. Rairdon had the good fortune of being able to attend the annual University Leadership Awards Dinner held at the Ohio Union on May 6, 1964. He reported further that it was indeed an impressive ceremony. He noted that the "first family" of the University was honored by having both Mrs. Marjorie Fawcett and Miss Jane Fawcett tapped for membership in Mortar Board, senior women's honorary.

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Thereupon the Board adjourned to meet Friday, June 5, 1964, at The Ohio State University, Columbus, Ohio, at ten o'clock.

Attest:

John T. Mount
Secretary

Smith L. Rairdon
Vice Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
NINE HUNDRED AND NINETIETH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, June 5, 1964

The Board of Trustees met at its regular monthly meeting on Friday, June 5, 1964, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Smith L. Rairdon, Chairman, Alan B. Loop, Jacob E. Davis, Carlton S. Dargusch, and Frederick E. Jones.

* * *

Minutes of the last meeting were approved.

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June 5, 1964 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Budgets for the 1964-65 Fiscal Year

The following budgets, including ranks, titles and salaries, as set forth in the "Salary Roll" are hereby recommended for approval.

1. The Ohio State University annual personnel budget from appropriated general revenue funds, student fees, Morrill Fund, and unrestricted funds, in the amount of \$35,044,053.00, for the fiscal year beginning July 1, 1964.

Upon motion of Mr. Davis, seconded by Mr. Loop, The Ohio State University personnel budget was approved unanimously by roll call vote, and the Secretary was instructed to file the "Salary Roll" detailing this budget with the official records of the University.

2. The University Hospital annual personnel budget from appropriated general revenue funds and Hospital rotaries in the amount of \$8,611,080.00, for the fiscal year beginning July 1, 1964.

Upon motion of Mr. Loop, seconded by Mr. Jones, the University Hospital personnel budget was approved unanimously by roll call vote, and the Secretary was instructed to file the "Salary Roll" detailing this budget with the official records of the University.

3. Ohio Cooperative Extension Service annual personnel budget from appropriated funds in the amount of \$3,533,233.00, for the fiscal year beginning July 1, 1964.

Upon motion of Mr. Davis, seconded by Mr. Jones, the Ohio Cooperative Extension Service personnel budget was approved unanimously by roll call vote, and the Secretary was instructed to file the "Salary Roll" detailing this budget with the official records of the University.

4. The Ohio State University Research Foundation annual operating budget in an amount not to exceed \$664,256.00 for the fiscal year beginning July 1, 1964. This budget was approved by the Board of Directors of The Ohio State University Research Foundation at its annual meeting on April 10, 1964.

Upon motion of Mr. Davis, seconded by Mr. Loop, The Ohio State University Research Foundation operating budget was approved unanimously by roll call vote.

5. The Department of Athletics annual operating budget in an amount not to exceed \$2,132,686.00, for the fiscal year beginning July 1, 1964. This budget was approved by the Athletic Council at its regular meeting on May 25, 1964.

Upon motion of Mr. Jones, seconded by Mr. Davis, the Department of Athletics operating budget was approved unanimously by roll call vote.

June 5, 1964 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Revision of Rule 35.07--Rules for the University Faculty

On May 12, 1964, the Faculty Council upon the recommendation of the Dean of the Graduate School, with the concurrence of the Council on Instruction, approved the recommendation that Rule 35.07 of Rules for the University Faculty be amended by changing the S--Satisfactory paragraph as follows:

S--Satisfactory. This mark shall be used as a final mark only for (a) a graduate student who has completed satisfactorily his thesis or dissertation research, (b) a graduate student who has completed satisfactorily a special problem or minor problem course in which the instructor works directly with the individual graduate student, (c) a graduate student who has completed satisfactorily a literature review course or seminar designated by the Dean of the Graduate School as qualifying for the mark of S, and (d) a student enrolled in the College of Medicine in a curriculum leading to the degree, Doctor of Medicine, when that student has completed satisfactorily a course in that curriculum. A student who would be entitled to the mark of S if he had completed his work satisfactorily but who does not complete his work satisfactorily shall receive the mark of E. S credit shall be counted as hours only and shall not be considered in determining a student's point-hour ratio under Rule 37.05.

It is recommended that the above Rule as amended by action of the Faculty Council be adopted.

Upon motion of Mr. Davis, seconded by Mr. Loop, the Board of Trustees by a unanimous roll call vote approved the foregoing recommendation, and the Secretary was authorized to amend Rule 35.07 of Rules for the University Faculty accordingly.

C. Establishment of a Pre-Professional and Professional Division in the College of Education for the Teacher-Education Curricula

The faculty and administration of the College of Education have had under consideration for the past academic year the admission and selective retention standards for the teacher-education curricula with the objective in mind of raising the quality level of its candidates for graduation in the program for the degree of Bachelor of Science in Education. As a result of these deliberations, it is now proposed that the teacher-education curricula in the College be reorganized into a two-year Pre-Professional Education Division and a two-year Professional Education Division. The proposal which is listed in detail below has been approved by the Council on Instruction and the Faculty Council at its meeting on May 12, 1964.

To implement the above proposal, it is now recommended that the Board of Trustees take favorable action on the items listed below.

1. That there be established within the College of Education teacher-education curricula two divisions:

June 5, 1964 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Establishment of a Pre-Professional and Professional Division in the College of Education for the Teacher-Education Curricula (continued)

- a. A Pre-Professional Education Division to administer the first and second years in the teacher-education curricula which shall include the completion of approximately 100 quarter hours of credit;
 - b. A Professional Education Division to administer the third and fourth years of the teacher-education curricula which lead to the Bachelor of Science in Education degree.
2. That the admission requirements for the Pre-Professional Education Division shall be equivalent to the admission requirement to the University and that the requirements to the Professional Education Division will be as follows, effective Autumn Quarter 1964:
- a. Attainment of a cumulative point-hour ratio of 2.25 or above in all college work undertaken at The Ohio State University and elsewhere.
 - b. Satisfactory evidence of skill in English exhibited by obtaining an average of 2.0 or better in the freshman English courses taken at The Ohio State University (English 416, 417, 418) or by obtaining a grade of "C" or better in English 418. Transfer students from other institutions who have received "K" credit for all three freshman English courses will be considered to have met the required standard.
 - c. Satisfactory rating of the student's progress and potentiality as evidenced by a rating on the part of the area faculty with which the student is working. This rating will reflect his course work and progress to date and an interview with an advisor in the area.
 - d. Adequate speech, hearing, and health status to perform the functions required of a teacher.

It is further recommended that the Secretary be instructed and authorized to make such changes in the By-Laws of the Board of Trustees and Rules for the University Faculty as are required to implement the foregoing recommendations.

Upon motion of Mr. Loop, seconded by Mr. Davis, 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 By-Laws of the Board of Trustees and Rules for the University Faculty as are required as a result of the foregoing changes.

June 5, 1964 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Naming of Building - North Commons (Dining Facility Northwest)

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 the building now identified as "Dining Facility Northwest," to be erected at 136 West Frambes Avenue, be named "North Commons" in memory of the late William A. North. Mr. North became the University's first police officer in 1909 and served until 1944. During that period he was known and held with great affection by thousands of students, faculty, and alumni.

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. Davis, the Board of Trustees by a unanimous roll call vote approved the naming of the dining facility located at 136 West Frambes Avenue as "North Commons."

E. 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 12, 1964, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the Faculty Council. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix VII, page 475.)

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

F. Transfer of New Wing and Remodeled Research Area of the Columbus Psychiatric Hospital (Upham Hall) to The Ohio State University

A letter dated May 20, 1964, from the Director of Mental Hygiene and Correction, Mr. Martin A. Janis, advises that the new wing and remodeled research area of the Columbus Psychiatric Hospital (Upham Hall) have been completed, are operating within design limits, and are ready for transfer to the Board of Trustees of The Ohio State University, pursuant to the provisions of Section 3 (A) of Amended S. B. 453, enacted July 3, 1961.

With the concurrence of the Office of the Attorney General of Ohio, it is recommended that the transfer of the facilities identified above be accepted, and that the Secretary be instructed to communicate this information to the Director of Mental Hygiene and Correction on behalf of the Board of Trustees.

It is further recommended that the President be authorized to take such action as he deems necessary to assure the proper assumption of

June 5, 1964 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Transfer of New Wing and Remodeled Research Area of the Columbus Psychiatric Hospital (Upham Hall) to The Ohio State University (continued)

responsibility for the operation, use, and maintenance of the new wing and remodeled research area of the Columbus Psychiatric Hospital, which was officially named Upham Hall on September 13, 1963.

Upon motion of Mr. Jones, seconded by Mr. Davis, the Board of Trustees by roll call vote approved unanimously the above recommendations, and the Secretary was instructed to include a copy of the letter dated May 20, 1964, from Martin A. Janis with the minutes of this meeting.

C State of Ohio
O DEPARTMENT OF MENTAL HYGIENE AND CORRECTION
P State Office Building
Y Columbus, Ohio 43215

May 20, 1964

Board of Trustees
Ohio State University
Columbus 10, Ohio

Re: New Wing and Remodeled Research
Area of Columbus Psychiatric Hosp.

Gentlemen:

Pursuant to the provisions of Section 3 (A) of Am. S. B. 453, enacted July 3, 1961, the new wing and remodeled research area of the Columbus Psychiatric Hospital is hereby transferred from the Department of Mental Hygiene and Correction to the Board of Trustees of the Ohio State University effective this day.

Section 3 (A) of Am. S. B. 453 states, "Upon completion of construction and installation of equipment, the director shall transfer to such board of trustees the new wing of the Columbus Hospital and State Institute of Psychiatry authorized by Item 785 of Section 1 of Am. H. B. 1124, entitled, 'An Act to make appropriations for capital improvements and other general purposes, for the biennium beginning July 1, 1959 and ending June 30, 1961, and to declare an emergency,' passed July 24, 1959, approved August 1, 1959, and effective August 1, 1959."

The Department of Public Works informed us under date of May 14, 1964, that the new wing and the remodeled research area have been completed, are operating within design limits, and are ready for transfer to Ohio State University.

The original facilities and equipment of the Columbus Hospital and State Institute of Psychiatry were transferred to Ohio State University July 1, 1961.

Yours very truly,

/s/

MAJ:CM
cc: Dept. Public Wks.
Div. Ment. Hyg.
Engineering Sec.
Div. Busi. Adm.

Martin A. Janis
Director

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II. PERSONNEL CHANGES

It is recommended that all personnel changes since the May 15, 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, Appointment, 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. Promotions

John R. Wilson, D.D.S. from Associate Dean to Dean of the College of Dentistry, effective January 1, 1965, at a salary of \$20,772.00 per annum.

George R. St. Pierre from Associate Professor, Department of Metallurgical Engineering, to Associate Dean (part time - 33%), Graduate School, effective July 1, 1964, and Professor (part time - 67%), Department of Metallurgical Engineering, effective October 1, 1964, at a total salary of \$17,580.00 per annum.

Kenneth W. Wheeler from Instructor, Department of History, to Assistant Dean and Secretary, Graduate School, effective July 1, 1964, at a salary of \$9,768.00 per annum.

B. Appointment

Leo J. Raskind, Professor, College of Law, effective October 1, 1964, at a salary of \$15,168.00 per annum.

C. Leave of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 12, 1954, the following-named person is recommended for Leave of Absence With Salary from the Agricultural Extension Service for the period indicated.

Leota L. Balsizer, Instructor (County Extension Agent, Home Economics) Sandusky County, June 16, 1964 through July 31, 1964, to study at Colorado State University.

D. Leaves of Absence Without Salary

Henry B. Mann, Professor, Mathematics, October 1, 1964 through September 30, 1965, to engage in research at the Army Research Center, Madison, Wisconsin.

William W. Van Alstyne, Professor, College of Law, October 1, 1964 through September 30, 1965, to engage in research as a Sterling Fellow at Yale University.

Angelo Margaris, Associate Professor, Mathematics, October 1, 1964 through September 30, 1965, to engage in research at the University of California, Berkeley, California.

June 5, 1964 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

David D. Jenkins, Instructor (County Extension Agent, 4-H), Ohio Cooperative Extension Service, June 16, 1964 through December 31, 1964, to study at The Ohio State University.

Donald Orth, Instructor, Mathematics, October 1, 1964 through September 30, 1965, to engage in research at the University of California, San Diego, California.

Eldon C. Schriener, Instructor (County Extension Agent, 4-H), Ohio Cooperative Extension Service, June 16, 1964 through December 15, 1964, to study at The Ohio State University.

E. Emeritus Titles

Frederic W. Heimberger, Office of Instruction, with the title Dean of Faculties Emeritus, effective July 1, 1964.

Dr. Heimberger's retirement will become effective June 30, 1964, pursuant to the policy relating to the retirement of Vice Presidents adopted by the Board of Trustees June 4, 1954, and amended by the Board on July 8, 1957, February 6, 1959, and April 10, 1959.

Chester S. Hutchison, College of Agriculture and Home Economics, with the title Assistant Dean Emeritus, effective September 1, 1964.

Robert D. Patton, Economics, with the title Professor Emeritus, effective September 1, 1964.

Justina D. Epp, Slavic Languages and Literatures, with the title Assistant Professor Emeritus, effective September 1, 1964.

F. New and Reappointments of Department Chairmen and Directors of Schools

<u>Department or School</u>	<u>Chairman or Director</u>	<u>Reappointed to</u>
Aeronautical and Astronautical Engineering	Garvin L. Von Eschen	June 30, 1968
School of Architecture and Landscape Architecture	Elliot L. Whitaker	June 30, 1968
Chemical Engineering	Joseph H. Koffolt	June 30, 1968
Civil Engineering	Hamilton Gray	June 30, 1968
Electrical Engineering	E. E. Dreese	September 30, 1968
Engineering Drawing	Paul Yarrington	June 30, 1968

June 5, 1964 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

F. New and Reappointments of Department Chairmen and Directors of Schools
(continued)

<u>Department or School</u>	<u>Chairman or Director</u>	<u>Reappointed to</u>
Engineering Mechanics	Charles T. West	September 30, 1968
Geodetic Science	Urho Uotila	June 30, 1968
Geology	Howard J. Pincus	September 30, 1968
Industrial Engineering	David F. Baker	September 30, 1968
Mechanical Engineering	Salvatore M. Marco	September 30, 1968
Metallurgical Engineering	Mars G. Fontana	June 30, 1968
Occupational Therapy	Barbara Locher	June 30, 1968
School of Optometry	Glenn Fry	June 30, 1968
Philosophy	Everett Nelson	June 30, 1968
Photography	Francis W. Davis	June 30, 1968
Surgery	Robert M. Zollinger	June 30, 1968
Welding Engineering	Roy B. McCauley	June 30, 1968

G. Promotions in Academic Rank

(Effective October 1, 1964 unless marked with * which
indicates effective July 1, 1964)

College of Agriculture and Home Economics

To Professor:

*H. R. Conrad - Dairy Science
*F. B. McCormick - Agricultural Economics and Rural Sociology
*R. E. Taylor - Agricultural Education

To Associate Professor:

*Mary Millican - School of Home Economics
*E. D. Rudolph - Botany and Plant Pathology
*J. R. Staubus - Dairy Science
*F. E. Walker - Agricultural Economics and Rural Sociology

To Assistant Professor:

Winston Bash - Horticulture and Forestry
*C. J. Cunningham - Agricultural Education
*C. H. Ingraham - Agricultural Economics and Rural Sociology

College of Arts and Sciences

To Professor:

Paul Barton - School of Journalism
Eleanor W. Bulatkin - Romance Languages
Roy H. Bowen - Speech
Robert C. Fisher - Mathematics

June 5, 1964 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

G. Promotions in Academic Rank (continued)

College of Arts and Sciences (continued)

To Professor: (continued)

W. C. Fotheringham - Speech
David A. Griffin - Romance Languages
Philip S. Jastram - Physics
E. Leonard Jossem - Physics
Richard M. Mall - Speech
George E. Moore, Jr. - Geology
Carl E. Nielsen - Physics
Philip P. Poirier - History
Kenneth R. Scholberg - Romance Languages
John H. Shaw - Physics

To Associate Professor:

Bogdan Bajsanski - Mathematics
Walter K. Bonsack - Astronomy
*Matthew Bruccoli - English
Francis W. Carroll - Mathematics
Eugene Ching - East Asian Division
Martha E. Frosch - Romance Languages
James R. Gaines - Physics
Sheila G. Goff - Speech
Wolfgang P. Kappe - Mathematics
Robert J. Lenardon - Classical Languages
Kurt Reibel - Physics
William R. Riley - Physics
*Walter W. Seifert - School of Journalism
John J. TePaske - History
*Urho A. Uotila - Geodetic Science
*Bradford W. Wild - School of Optometry
Chen Ping Yang - Physics
Joseph A. Zilber - Mathematics

To Assistant Professor:

Ilsedore M. Edse - German
Rosamond England - English
Jess B. Eskridge - School of Optometry
*Sanjib K. Ghosh - Geodetic Science
Glenn H. Goodman - German
*Barney J. Laeuffer - School of Journalism
Mark P. O. Morford - Classical Languages
John C. Morrow - Speech
Richard I. Rieke - Speech
Arnold Shapiro - English
Nolan Smith - English

June 5, 1964 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

G. Promotions in Academic Rank (continued)

College of Commerce and Administration

To Professor:

*Alfred C. Clarke - Sociology and Anthropology
Henry L. Hunker - Geography

To Associate Professor:

J. A. Black - Business Organization
Joseph T. Crymes - School of Social Work
A. F. Doody - Business Organization
Thomas G. Eynon - Sociology and Anthropology
David B. McCalmont - Economics
W. M. Morgenroth - Business Organization

To Assistant Professor:

Patrick T. Cleaver - Sociology and Anthropology
Agnes M. Gordon - Accounting

College of Dentistry

To Professor:

*Benjamin H. Williams

To Associate Professor:

Robert T. Trippy

College of Education

To Professor:

*Desmond Cook - Bureau of Educational Research and Service
Charles Csuri - School of Art
G. Epperson - School of Music
Jack Frymier - Education
Elizabeth Maccia - Bureau of Educational Research and Service
George S. Maccia - Education
Willis E. Ray - Education
Donald Wood - School of Art

To Associate Professor:

E. Barker - Psychology
C. Benner - School of Music
Edward Hewett - School of Art
Karl Openshaw - Bureau of Educational Research and Service
*Arliss L. Roaden - Education

June 5, 1964 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

G. Promotions in Academic Rank (continued)

College of Education (continued)

To Associate Professor: (continued)

L. Schmidt - Psychology
Willavene Wolf - Bureau of Educational Research and Service
Frank J. Zidonis - Education

To Assistant Professor:

Hans Hohlwein - School of Art
William Krueger - School of Art
James Rubright - School of Art

College of Engineering

To Professor:

Robert S. Brodkey - Chemical Engineering
John D. Cowan, Jr. - Electrical Engineering
John P. Hirth - Metallurgical Engineering
Charles D. Jones - Mechanical Engineering
Arthur W. Leissa - Engineering Mechanics
Morris Ojalvo - Civil Engineering
George R. St. Pierre - Metallurgical Engineering
Henry F. Wenden - Mineralogy
*Paul T. Yarrington - Engineering Drawing

To Associate Professor:

*Richard W. Bletzacker - Civil Engineering
Dean T. Davis - Electrical Engineering
William A. Drake - Photography
Robert T. Nash - Electrical Engineering
*Johannes F. Schwar - Civil Engineering
Charles F. Sepsy - Mechanical Engineering

To Assistant Professor:

Randall F. Barron - Mechanical Engineering
*George C. Chapman - Aviation
Joseph K. Davidson - Mechanical Engineering
Walter C. Giffin - Industrial Engineering
Thomas E. Hoover - Industrial Engineering
*Robert M. Nerem - Aeronautical and Astronautical Engineering
*Stuart L. Petrie - Aeronautical and Astronautical Engineering

June 5, 1964 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

G. Promotions in Academic Rank (continued)

College of Law

To Professor:

William T. Burke
Paul D. Carrington
Lawrence Herman
William Van Alstyne

To Associate Professor:

*Lorin Slagle, Jr.

College of Medicine

To Professor:

*David G. Cornwell - Physiological Chemistry
*Bertram D. Dinman - Preventive Medicine
*William E. Hunt - Surgery

To Associate Professor:

*G. Adolph Ackerman - Anatomy

To Assistant Professor:

*Carol J. Fair - School of Nursing
Frederick J. Julyan - Anatomy
*Vernon C. Stevens - Obstetrics and Gynecology

To Instructor:

*Norma L. Singer - Ophthalmology

College of Pharmacy

To Associate Professor:

*Harold H. Wolf

To Assistant Professor:

*David A. Knapp

College of Veterinary Medicine

To Professor:

*Richard A. Griesemer - Pathology
*Adalbert Koestner - Pathology

June 5, 1964 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

G. Promotions in Academic Rank (continued)

College of Veterinary Medicine (continued)

To Associate Professor:

*George P. Wilson III - Surgery

To Assistant Professor:

*Philip W. Murdick - Medicine

Office of Instruction

To Assistant Professor:

M. Derrenbacher - Library

R. Gray - Library

J. Walling - Library

Office of Educational Services

To Associate Professor:

Mary Beyrer - Women's Physical Education

Evelyn Rupert - Women's Physical Education

To Instructor:

Vickie Blaine - Women's Physical Education

Upon motion of Mr. Davis, seconded by Mr. Dargusch, the Promotions, Appointment, 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 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.

June 5, 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

- a. Department of the 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. #11 - Department of Chemistry).
Gross Value - \$71,753.00.
- b. Department of Health, Education and Welfare, Public Health Service, Bureau of State Services, Washington, D. C. , for an Investigation of Chemical Factors in Host Plant Selection by Insects (to be known as Bureau of State Services Project No. 1088 - Ext. #4 - College of Pharmacy).
Gross Value - \$9,780.00.
- c. 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. #4 - Department of Pathology).
Gross Value - \$24,500.00.
- d. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Effect of Hypoglycemic Agents on Cell Metabolism (to be known as National Institutes of Health Project No. 1158 - Ext. #4 - Department of Medicine).
Gross Value - \$18,146.00.
- e. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for A Study of the Stability of Tungsten in Carburizing and Oxidizing Atmospheres (to be known as Systems Engineering Group, Research and Technology Division Project No. 1247 - Sup. #8 - Department of Metallurgical Engineering).
Gross Value - \$15,000.00.
- f. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for Research on Etch Pit Investigation of Iron Whiskers (to be known as Systems Engineering Group, Research and Technology Division Project No. 1262 - Sup. #7 - Engineering Experiment Station).
Gross Value - \$24,895.00.
- g. 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 - Sup. #1 - Department of Pathology).
Gross Value - \$6,032.00.

June 5, 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)

- h. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Variability in Driving Performance on the Highway (to be known as National Institutes of Health Project No. 1450 - Ext. #2 - Engineering Experiment Station).
Gross Value - \$38,304.00.
- i. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Methods of Image Intensification Applied to Radiology (to be known as National Institutes of Health Project No. 1462 - Ext. #2 - College of Dentistry and Department of Physics).
Gross Value - \$20,400.00.
- j. Department of Health, Education and Welfare, Public Health Service, Bureau of State Services, Washington, D. C., for an Investigation of the Diatoms of the West End of Lake Erie (to be known as Bureau of State Services Project No. 1464 - Ext. #2 - Department of Botany and Plant Pathology).
Gross Value - \$9,540.00.
- k. Sandia Corporation, Purchasing Organization, P. O. Box 5800, Albuquerque, New Mexico, for a Research Investigation of Uranium Corrosion (to be known as Sandia Corporation Project No. 1545 - C. O. #4 - Department of Metallurgical Engineering).
Gross Value - \$4,227.00.
- 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 - Sup. #2 - Institute for Research in Vision).
Gross Value - \$4,392.00.
- m. 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 - Sup. #1 - Children's Hospital).
Gross Value - \$4,000.00.
- n. Classified Program (to be known as Classified Program Project No. 1641 - Sup. #1 - Department of Electrical Engineering).
Gross Value - \$100,000.00.

June 5, 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)
- o. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Conformational Aspects of Drug Action (to be known as National Institutes of Health Project No. 1650 - Ext. #1 - College of Pharmacy).
Gross Value - \$11,100.00.
 - p. Department of Health, Education and Welfare, Public Health Service, 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. #1 - Department of Sociology and Anthropology).
Gross Value - \$29,796.00.
 - q. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Psychotropic Drugs and Phenotypical Behaviors (to be known as National Institutes of Health Project No. 1653 - Ext. #1 - College of Pharmacy).
Gross Value - \$4,800.00.
 - r. Department of Health, Education and Welfare, Public Health Service, 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. #1 - Department of Sociology and Anthropology).
Gross Value - \$60,813.00.
 - s. U. S. Department of Agriculture, Agricultural Research Service, Northern Utilization R&D Division, 1815 North University Street, Peoria, Illinois, for Basic Investigations on the Organic Chemistry of Unsaturated and Sulfur-Containing Carbohydrates (to be known as Agricultural Research Service Project No. 1827 - New - Department of Chemistry).
Gross Value - \$73,750.00.
 - t. U. S. Army Natick Laboratories, Natick, Massachusetts, for an Environmental Study of Sukkertoppen Ice Cap, Southwest Greenland (to be known as U. S. Army Natick Laboratories Project No. 1830 - New - Institute of Polar Studies).
Gross Value - \$24,424.00.
 - u. Department of Health, Education and Welfare, Office of Education, Washington, D. C., for Development of Educational Theory Derived from Three Models (to be known as Office of Education Project No. 1832 - New - Bureau of Educational Research and Service).
Gross Value - \$48,648.00.

June 5, 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)

- v. Department of Health, Education and Welfare, Office of Education, Washington, D. C., for an Investigation of Critical Reading Ability of Elementary School Children (to be known as Office of Education Project No. 1833 - New - Bureau of Educational Research and Service).
Gross Value - \$84,954.00.
- w. 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 - New - Department of Education).
Gross Value - \$26,758.00.
- x. R&D Procurement Office, U. S. Army Engineer R&D Laboratories, Fort Belvoir, Virginia, for The Systematic Correction and Weighting of Analogue Aerial Triangulation Observations and Their Use in Strip and Block Adjustments (to be known as U. S. Army Engineer R&D Laboratories Project No. 1835 - New - Department of Geodetic Science).
Gross Value - \$9,018.00.
- y. Department of Health, Education and Welfare, Office of Education, Washington, D. C., for an Investigation of Community Conflict Related to School District Reorganization (to be known as Office of Education Project No. 1836 - New - Department of Sociology and Anthropology).
Gross Value - \$7,730.00.
- z. National Science Foundation, Washington, D. C., for Traverse Glaciology, 1964-65 (to be known as National Science Foundation Project No. 1838 - New - Institute of Polar Studies).
Gross Value - \$20,000.00.
- aa. National Science Foundation, Washington, D. C., for an Investigation of Volcanic Rocks of Ross Island (to be known as National Science Foundation Project No. 1839 - New - Institute of Polar Studies).
Gross Value - \$28,200.00.
- bb. 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 - New - Institute of Polar Studies).
Gross Value - \$57,500.00.

June 5, 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)

- cc. National Science Foundation, Washington, D. C., for an Investigation of the Chemistry of Cyclic Amides and Nitrogen-Containing Ketones (to be known as National Science Foundation Project No. 1841 - New - Department of Chemistry).
Gross Value - \$35,700.00.
- dd. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Chemistry, Metabolism and Immunology of Gangliosides (to be known as National Institutes of Health Project No. 1842 - New - Department of Psychiatry).
Gross Value - \$38,773.00.
- ee. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, for an Investigation of Inherited Caries Resistance in Gnotobiotic Animals (to be known as National Institutes of Health Project No. 1843 - New - College of Dentistry).
Gross Value - \$14,580.00.

TOTAL - Government Contracts - Federal \$927,513.00

2. Industrial and Other Contracts

- a. Ohio Tuberculosis and Health Association, 1575 Neil Avenue, Columbus, Ohio, for an Investigation of Autoimmunization in Experimental Tuberculosis (to be known as Ohio Tuberculosis and Health Association Project No. 764 - Ext. #7 - Department of Microbiology).
Gross Value - \$3,614.00.
- b. 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. #1 - Department of Chemical Engineering).
Gross Value - \$6,228.00.
- c. The Population Council, 230 Park Avenue, New York, New York, for Estimates of Demographic Measures for Pakistan (to be known as The Population Council Project No. 1831 - New - Department of Sociology and Anthropology).
Gross Value - \$3,500.00.

June 5, 1964 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

2. Industrial and Other Contracts (continued)

- d. G. T. Schjeldahl Company, Northfield, Minnesota, for Photogrammetric Research and Measurement of Spheres (to be known as the G. T. Schjeldahl Company Project No. 1837 - New - Department of Geodetic Science).
Gross Value - \$19,956.00.

TOTAL - Industrial and Other Contracts \$33,298.00

The foregoing thirty-five contracts for research in cooperation with Government, Industry and Other represent a gross income of \$960,811.00.

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 by unanimous consent.

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

During the period from May 1, 1964 through May 22, 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-189 A Study of Roadside Maintenance and Its Effects on Highway
Ext. #3 Design and Construction, Ohio Department of Highways,
Columbus, Ohio, Bureau of Public Roads, Washington,
D. C.
Gross Value - \$33,390.00.

EES-196 Terrain Investigation Techniques for Highway Engineers,
Ext. #2 Ohio Department of Highways, Columbus, Ohio, Bureau of
Public Roads, Washington, D. C.
Gross Value - \$5,280.00.

TOTAL - Government Research Contracts \$38,670.00.

2. Industrial Research Contracts

EES-158 Interfacial Tension Between Liquid Iron and Slag, American
Ext. #5 Iron and Steel Institute, New York, New York.
Gross Value - \$25,000.00.

EES-231 Basic Research on the Corrosion of Iron and Steel, American
Ext. #1 Iron and Steel Institute, New York, New York.
Gross Value - \$20,000.00.

June 5, 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-247 A Study of Vee-Belts, Dayco Corporation, Belt Engineering
Department, Springfield, Missouri.
Gross Value - \$3,464.00.

TOTAL - Industrial Research Contracts \$48,464.00

The foregoing five contracts for research in the Engineering Experiment
Station represent a gross income of \$87,134.00.

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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. \$75,580.00 granted by the Department of Health, Education and Welfare,
Public Health Service, National Institutes of Health, Bethesda 14,
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, 1964 through June 30, 1965. (Continuing project
reported to the Board April 6, 1962.) (Grant 5 T1 HE 5546-04)
2. \$64,864.00 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 Program in Occupational Health,"
under the direction of Dr. William F. Ashe, Department of Preventive
Medicine, for the period July 1, 1964 through June 30, 1965. (Grant
8 T1 ES 32-02 - Formerly GM 1134-01)
3. \$38,799.00 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 "Graduate Training in Social Work," under
the direction of Dr. Samuel P. Daykin, School of Social Work, for the
period July 1, 1964 through June 30, 1965. (Grant 5 T1 MH-8254-02)
4. \$32,971.00 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 in Water Supply and Pollution
Control," under the direction of Dr. Charles A. Dambach, Natural
Resources Institute, for the period July 1, 1964 through June 30, 1965.
(Grant 1T1-WP-39-01A1)

June 5, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

5. \$25,424.00 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 "Graduate Training - Experimental-General Psychology," under the direction of Dr. Delos D. Wickens, Department of Psychology, for the period July 1, 1964 through June 30, 1965. (Grant 1 T1 MH-8526-01)
6. \$21,600.00 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 "Graduate Training - Psychiatry," under the direction of Dr. Leonard P. Ristine, Department of Psychiatry, for the period July 1, 1964 through June 30, 1965. (Grant 1 T1 MH-8386-01)
7. \$21,493.00 granted by the Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, to the University for a "Development Award - Study of the Carcinogenesis of the Female Reproductive Organs," under the direction of Dr. Emmerich von Haam and Dr. Dante G. Scarpelli, Department of Pathology, for the period July 1, 1964 through June 30, 1965. (Continuing project reported to the Board March 15, 1962.) (Grant 5-K3-GM-15,104-08)
8. \$17,304.00 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 "Graduate Training - Physiological Psychology," under the direction of Dr. Donald R. Meyer, Department of Psychology, for the period July 1, 1964 through June 30, 1965. (Grant 5 T1 MH-6748-07)
9. \$14,904.00 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 "Graduate Training - Psychiatry," under the direction of Dr. Leonard P. Ristine, Department of Psychiatry, for the period July 1, 1964 through June 30, 1965. (Grant 1 T1 MH-8458-01)
10. \$13,550.00 granted by the Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bethesda 14, Maryland, to the University for "Training Grant - Tropical Medicine and Parasitology," under the direction of Dr. G. W. Wharton, Department of Zoology and Entomology, for the period July 1, 1964 through June 30, 1965. (Continuing project reported to the Board February 16, 1962.) (Grant 5 T1 AI 216-04)
11. \$12,320.00 granted by the National Science Foundation to the University for support of an "Undergraduate Instructional Scientific Equipment Program," under the direction of Dean Lloyd M. Parks, College of Pharmacy. This grant terminates May 31, 1966. (Grant GE-5259)

June 5, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

12. \$11,800.00 granted by the National Science Foundation to the University for support of an "Undergraduate Instructional Scientific Equipment Program," under the direction of Dr. R. E. Stewart, Department of Agricultural Engineering. This grant terminates May 31, 1966. (Grant GE-5079)
13. \$10,000.00 granted by the National Science Foundation to the University for support of an "Undergraduate Instructional Scientific Equipment Program," under the direction of Dr. Robert J. Wherry, Department of Psychology. This grant terminates May 31, 1966. (Grant GE-4878)
14. \$7,720.00 granted by the Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to be added to the support of the "Grants-in-Aid Program for Training Teachers of the Deaf under Public Law 87-286," supervised by the College of Education. This amount is to be added to the \$12,280.00 from a previous grant.
15. \$5,467.00 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 "Graduate Training- Psychiatry," under the direction of Dr. Leonard P. Ristine, Department of Psychiatry, for the period July 1, 1964 through June 30, 1965. (Grant 1 T1 MH-8385-01)
16. \$1,944.00 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 "Graduate Training - Social Work," under the direction of Professor Merriss Cornell, School of Social Work, for the period July 1, 1964 through June 30, 1965. (Grant 5 T1 MH-7507-04)

TOTAL - Through the Office of Business and Finance \$375,740.00

B. Received Through the Development Fund

1. \$10,000.00 from The Bremer Foundation, Youngstown, Ohio, for research in the College of Medicine.
2. \$6,544.31 from the Carrie May Horan Trust for scientific research, especially causes, cure, and treatment for diseases of the blood--leukemia in particular.
3. \$6,007.08 from Midwest Foundation for Research and Education for cancer research in the Department of Surgery.
4. \$6,000.00 from Charles Pfizer and Company, Inc. for endocrine research in the College of Medicine.
5. \$5,500.00 from Ayerst Laboratories, New York, New York--\$4,000.00 for the Studybaker Memorial Fund and \$1,500.00 for research in the Department of Obstetrics and Gynecology.

June 5, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

6. \$5,000.00 from Mrs. J. I. Falconer for the Ag-Econ Fund.

Ag-Econ Fund

The Ag-Econ Fund was established May 21, 1964, by a gift through the Development Fund from Mrs. J. I. Falconer in memory of her late husband, Professor J. I. Falconer, for the purpose of starting the Agricultural Economics and Rural Sociology Aid Fund, to be referred to as the Ag-Econ Fund.

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

The income (in special cases, or if indicated by the donor, some of the principal) is to be used to encourage scholarship, graduate study, research, and writing in the fields of Agricultural Economics and Rural Sociology as recommended by the Graduate Committee of the Department of Agricultural Economics and Rural Sociology.

7. \$4,500.00 from Owens-Illinois Glass Company for the Owens-Illinois Fellowship in Ceramic Engineering.
8. \$4,200.00 from North American Aviation, Inc. for the North American Aviation Fellowship in Aviation Medicine.
9. \$3,800.00 from Midwest Foundation for Research and Education for research in the Department of Obstetrics and Gynecology.
10. \$3,608.00 from the Trust under the Will of Anna Roessler for scholarships in the College of Medicine.
11. \$3,071.25 from the Estate of Clara Ewalt to be added to The Clara Ewalt Memorial Scholarship Fund.
12. \$3,000.00 from American Cyanamid Company for the Cyanamid Faculty Support Grant for the year 1964 in the Department of Chemistry.
13. \$2,500.00 from Beechan Research Laboratories, Inc. for the Infectious Disease Research Fund.
14. \$2,023.00 from the Fund for Dental Education, Inc. for the Dental Student Loan Fund.
15. \$1,800.00 from Texaco, Inc. for support of a scholarship program for the 1964-65 academic year.

June 5, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

16. \$1,666.67 from Isadore and Ida Topper for the George R. Beneman Memorial Award.

The George R. Beneman Memorial Award

The George R. Beneman Memorial Award was established May 25, 1964, by a gift through the Development Fund from Isadore and Ida Topper to honor the memory of their friend, George R. Beneman, an attorney of Washington, D. C. The principal is to be invested in accordance with Section 3345.16 G. C. Income from this fund is to be used annually as an award in recognition of outstanding performance in the Moot Court Program of the College of Law. Decision as to the type of performance to be recognized and the recipient to be honored is vested in the Dean of the College of Law, on recommendation of the Faculty Adviser to the Moot Court.

Should there come a time when in the judgment of the Dean and Faculty of the College of Law any reward for Moot Court distinction no longer serves a sound educational purpose in the College, the income from this Fund is to be used for other recognition of law student achievement as directed by the Dean with the approval of the Faculty of the College of Law.

17. \$1,150.00 from the Estate of Edna A. Stone for the Julius F. Stone Fund for Medical Research.
18. \$1,000.00 from Dr. James R. Hull to be added to the fund for the construction of a new residence for the President.
19. \$1,000.00 from The Ohio Manufacturers' Association, Columbus, Ohio, for the Continuing Education Project in the College of Commerce and Administration.
20. \$1,000.00 from Robert Lazarus for the scholarship fund.

TOTAL - Through the Development Fund \$73,371.31

21. A gift in the amount of \$3,300.74 was received from Frank K. Griesinger and was reported to the Board on February 14, 1964. It will be deposited in accordance with the following for the establishment of the Frank K. Griesinger Scholarship Fund.

Frank K. Griesinger Scholarship Fund

The Frank K. Griesinger Scholarship Fund was established December 27, 1963, by a gift from Frank K. Griesinger, B.Sc. Bus. Adm. '38,

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.

June 5, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

21. Frank K. Griesinger Scholarship Fund (continued)

The income is to be used for scholarships to deserving students at The Ohio State University, enrolled in the College of Commerce and Administration or the College of Arts and Sciences.

In the event that the need for such scholarships should cease to exist or so diminish as to create unused income, then the Board of Trustees of said University may use this said income in its discretion for any appropriate University purpose.

C. Gifts-in-Kind

1. 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. The said Last Will and Testament, among other provisions, contains the following, to wit:

Upon the death of my wife, Marie B. Monett, said trust shall cease and determine and the two parcels of real estate above described shall pass to and vest in The Ohio State University, absolutely and in fee simple except as hereinafter limited, and become a part of the permanent endowment fund of said University and be known as "The Howard B. Monett Foundation." The income from these properties shall be used for medical research at the College of Medicine of The Ohio State University, for the study and teaching of the origin and cause of human disease and the prevention thereof, with emphasis on cancer research, but not exclusively therefor; and in connection with the foregoing purposes to provide facilities and equipment needed, to establish and maintain scholarships and fellowships in said College of Medicine, to publish and disseminate the results of such study and research not only in scientific journals and medical publications, circulating to scientists and physicians, but also, and this I especially enjoin on the university, by popular publications, newspapers, public lectures and other appropriate and effective methods, to give to the people of the United States and the world generally the benefits of increased knowledge concerning the prevention of sickness and disease and the cure thereof.

The suggestions here made shall not be considered as limiting the College of Medicine, but it may use any means which from time to time shall to it seem expedient and effective to accomplish the aforesaid purposes.

The above identified gift-in-kind will be held in the University's Investment Portfolio.

June 5, 1964 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

C. Gifts-in-Kind (continued)

2. A Hewlett-Packard High Frequency Oscilloscope from the Hewlett-Packard Company, Palo Alto, California, to the Department of Electrical Engineering. (Appraised at \$2,400.00)

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

D. Report from The Ohio State University Development Fund

In May, 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	1,535	\$ 42,699.78
Individuals, other than alumni	79	9,381.14
Nonprofit organizations	38	54,636.38
Business concerns	22	44,975.20
	<u>1,674</u>	<u>\$151,692.50</u>

Of these gifts, 1,106 totaling \$11,184.68 were undesignated and 568 totaling \$140,507.82 were designated.

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V. APPROPRIATIONS AND TRANSFER OF FUNDS

A. The Mershon Fund Restricted Portion--Education in National Security

Based upon the anticipated earnings from the Mershon Fund during 1964-65, the Mershon Committee on Education in National Security under the chairmanship of Associate Dean Robert J. Nordstrom has proposed, with the concurrence of Vice Presidents Heimberger and Garrett, the following budget for 1964-65.

Budget Request

Social Science Division	\$232,640.00
Graduate Institute for World Affairs	18,700.00
Development of Genetics	15,000.00
Mershon Professors (not connected with Social Science Division)	16,750.00
Institute for Polar Studies	23,490.00

June 5, 1964 meeting, Board of Trustees

V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

A. The Mershon Fund Restricted Portion--Education in National Security
(continued)

Biosynthetic Potential of Fungi	\$ 17, 664. 00
Research on Ocean Floor	11, 000. 00
Parametric Interactions of Radiation and Matter	25, 875. 00
Program Support	<u>8, 000. 00</u>
Total Operating Budget	\$369, 119. 00
Less Estimated Balance 1963-64	<u>70, 000. 00</u>
Total New Appropriation	\$299, 119. 00

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 Vice President for Research, subject to quarterly allotments. It is recommended further that to cover this budget request \$299, 119. 00 be allocated from the civilian-military portion of the Mershon Fund and that the estimated balance of \$70, 000. 00 from the 1963-64 budget be reallocated.

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

B. 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 concurrence of the Cabinet, 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:

\$12, 230. 00 for the College of Pharmacy under the direction of Dr. Lloyd Parks to match \$12, 230. 00 granted by NSF	Subaccount (f)
\$10, 000. 00 for the Department of Psychology under the direction of Dr. Robert Wherry to match \$10, 000. 00 granted by NSF	Subaccount (f)
\$11, 800. 00 for the Department of Agricultural Engineering under the direction of Dr. Robert E. Stewart to match \$11, 800. 00 granted by NSF	Subaccount (f)

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

June 5, 1964 meeting, Board of Trustees

V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

C. 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, 1964 through June 30, 1965.

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

* * *

VI. EXTRA ORDER AND EXTENSIONS OF TIME TO CONTRACTS

At the request of the Council on Business Affairs, and with the concurrence of the Cabinet, it is recommended that the Extra Order and Extensions of Time 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 in each case.

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

General Contract

In order to improve the security provisions in Allyn Hall, it is recommended that the following changes be made:

1. Furnish and install safety alarm locks on doors 156 and 157 in the Library; locks for doors 410, 411, 465 and 466 of the Faculty Lounge; and a lock on door 419. Add \$493.68.
2. Furnish and install locks and stops for 18 doors, #468 through 485. Add \$693.00.

Total addition \$1,186.68

Funds for this extra order will be provided from Budget Account 91017.

B. Repairs in Room 154, Health Center Laboratory (Wiseman Hall)

It is recommended that an extension of time for completion of contracts on all divisions of this project be approved from May 25 to June 12, 1964. This extension is recommended because of a considerable delay in the delivery of the Laboratory Equipment.

VI. EXTRA ORDER AND EXTENSIONS OF TIME TO CONTRACTS (continued)

C. Housing for Metallurgical and Mineralogical Laboratories

It is recommended that an extension of time for completion of contracts on all divisions of this project be approved. The Laboratory Equipment Contract should be extended from August 17 to September 1, 1964, and the General, Heating and Ventilating, Plumbing and Electrical Contracts extended from July 18 to August 3, 1964. These extensions are recommended because of the delay caused by an 11-day strike of the bricklayers and building laborers.

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

* * *

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. Improvement of North End of Fyffe Road

This project provides an outlet for students in Married Housing to Lane Avenue so that the outlet at Hess Road and the River Road can be closed and it will also provide a service road to the laboratory facilities, the incinerator and the new athletic field.

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

B. Food Facility (Phase II)

Phase II of this project includes the development of the Central Bakery and Vegetable Processing Room, a Pot and Pan Wash Area and the Process Steam Generating Plant.

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

Upon motion of Mr. Jones, 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.

* * *

June 5, 1964 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. Repair and Resurface Sidewalks on Campus

Bids for this project were received on May 22, 1964, and the award of contract recommended to the lowest and best bidder as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received)		
Savage Blacktop Company (Columbus)	\$33,285.00	\$ 40,000.00

Funds for this project will be provided from the Maintenance Account in H. B. 711.

B. Repair Streets and Parking Areas on Campus

Bids for this project were received on May 22, 1964, and the award of contract recommended to the lowest and best bidder as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
(2 bids received)		
Max J. Zeller, Incorporated (Columbus)	\$93,785.00	\$103,440.00

Funds for this project will be provided from the Maintenance Account in H. B. 711.

C. Wall Washing Five Buildings

Bids for this project were received on May 22, 1964, and the award of contract recommended to the lowest and best bidder as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
(1 bid received)		
Ohio Window Cleaning Company (Columbus)	\$33,355.00	\$ 38,025.00

Funds for this project will be provided from the Maintenance Account in H. B. 711.

D. Interior Painting and Patch Plastering of Five Buildings

Bids were received for this project on May 22, 1964, and the award of contract recommended to the lowest and best bidder as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
(5 bids received)		
H. F. Mollenauer Painting Company (Columbus)	\$75,468.00	\$105,400.00

Funds for this project will be provided from the Maintenance Account in H. B. 711.

VIII. REPORT OF AWARD OF CONTRACTS (continued)

E. Repairing and Patching a Portion of the Exterior Concrete Surface of the Stadium

Bids were received for this project on May 22, 1964, and the award of contract recommended to the lowest and best bidder as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
(6 bids received)		
Mid-Air Construction Company (Cleveland Heights)	\$13,800.00	\$ 20,000.00

Funds for this project will be provided from the Athletic Department Revenue Fund.

F. Exterior Painting of Twenty-Two Buildings

Bids were received for this project on May 22, 1964, and the award of contract recommended to the lowest and best bidder as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
(4 bids received)		
Bexley Decorating Co. (Columbus)	\$17,871.00	\$ 31,275.00

Funds for this project will be provided from the Maintenance Account in H. B. 711, Faculty Club and the Ohio Union.

G. Repairs to Roofs on Seven Buildings

Bids were received for this project on June 3, 1964, and the award of contract recommended to the lowest and best bidder as follows:

	<u>Low Bid</u>	<u>Revised Est. of Cost</u>
(4 bids received)		
Superior Roofing Company (Columbus)	\$33,746.00	\$ 36,000.00

Funds for this project will be provided from the Maintenance Account in H. B. 711, Hospital Rotary and Dormitory Revenue Fund.

H. Repairs to Curbs on the Streets on Campus

Bids were received for this project on June 3, 1964, and the award of contract recommended to the lowest and best bidder as follows:

	<u>Low Bid</u>	<u>Revised Est. of Cost</u>
(2 bids received)		
Phillip S. Mara, Inc. (Columbus)	\$ 5,760.00	\$ 6,000.00

Funds for this project will be provided from the Maintenance Account in H. B. 711.

June 5, 1964 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

I. Repairs to Exterior Masonry of Ten Buildings

Bids were received for this project on June 3, 1964, and the award of contract recommended to the lowest and best bidder as follows:

	<u>Low Bid</u>	<u>Revised Est. of Cost</u>
(4 bids received)		
Chamberlin Cleveland Co., Inc. (Cleveland)	\$84,500.00	\$100,000.00

Funds for this project will be provided from the Maintenance Account in H. B. 711 and Dormitory Revenue 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, Business and Finance, ratified by unanimous roll call vote.

* * *

IX. CONTROLLING BOARD APPROVALS

Each numbered approval shown below accomplishes the following purposes:

- 63 Approves conditionally (dependent upon availability of funds from S. B. 370) the release of \$130,685.00 for plans for the Lima Branch from Item 315-018, S. B. 370.

- 75 Approves conditionally (dependent upon availability of funds from S. B. 370) the award of contracts for the project "Remodel Highway Testing Laboratory" notwithstanding the fact that the General Contract was above the estimate of cost and that the low bidder for the Electrical Contract was allowed to withdraw his bid by the State Architect on the grounds that they made an error in their bid thereby making the second lowest bidder acceptable.

- 85 Approves the expenditure of \$9,000.00 from Account 200 Maintenance, H. B. 711, for the project "Connection of Cold Water Supply Lines on the West Campus."

* * *

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Employment of Architects

On February 14, 1964, approval was granted to employ architects and engineers for services on several new projects to be financed by proceeds from the bond issue. At the request of the Dean of the College of Medicine and with the concurrence of the Dean of the College of Dentistry and the Director of Public Works, it was deemed advisable to make the following changes in assignment of projects:

June 5, 1964 meeting, Board of Trustees

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

A. Employment of Architects (continued)

Dan A. Carmichael, Architect (Heapy and Associates, Engineers)	From Dentistry Laboratories to College of Medicine
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Louis F. Karlsberger, Architect (Heapy and Associates, Engineers)	From College of Medicine to Dentistry Laboratories
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Upon motion of Mr. Jones, seconded by Mr. Davis, the above recommendation was approved and the action concerning the assignment of these architects on February 14 rescinded.

B. Purchase of Buildings and Property, 402 West Ninth Avenue

It is recommended that the Vice President, Business and Finance, be authorized to proceed with the purchase of the following property from Clifford Hough at a price of \$21,500.00:

Property known as 402 West Ninth Avenue being Lot #19,
Elizabeth King's Olentangy Subdivision, City of Columbus,
County of Franklin, State of Ohio.

This purchase will be consummated when funds are made 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.

C. Purchase of Buildings and Property, 378 West Ninth Avenue

It is recommended that the Vice President, Business and Finance, be authorized to proceed with the purchase of the following property from Kennard M. Forrest and Mary L. Forrest at a price of \$23,000.00:

Property known as 378 West Ninth Avenue, being Lot #23,
Elizabeth King's Olentangy Subdivision, City of Columbus,
County of Franklin, State of Ohio.

This purchase will be consummated when funds are made 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. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Russell Edmund Rebrassier, Professor Emeritus of Veterinary Parasitology; Louis Roth, Clinical Associate Professor, Department of Surgery; and Israel Park Blauser, Professor Emeritus in the Ohio Cooperative Extension Service. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board have been furnished the families of the deceased.

A. Russell Edmund Rebrassier

The Board of Trustees expresses its sorrow at the death on May 10, 1964, of Russell Edmund Rebrassier, Professor Emeritus of Veterinary Parasitology.

Dr. Rebrassier was born in Louisville, Stark County, Ohio, on July 27, 1890. He graduated with distinction from the College of Veterinary Medicine in 1914; joined the faculty of the College of Veterinary Medicine in 1916; and advanced through the ranks to become Professor and Chairman of the Department of Veterinary Parasitology. He was appointed Secretary of the College in 1948 and Assistant Dean in 1955, a position he held until his retirement in 1959.

Professor Rebrassier will long be remembered as an inspirational teacher who had a deep concern for the students' welfare. In addition his research in the field of veterinary parasitology was widely recognized through his publication of scientific articles in veterinary journals.

Dr. Rebrassier contributed greatly toward the stature of the veterinary profession through his activities in local, state, and national organizations. He served as Secretary of the Ohio Veterinary Medical Association for twenty-two years and as Executive Secretary on a full-time basis from the time of his retirement in 1959 until his death. He served two years in the House of Delegates of the American Veterinary Medical Association and was elected to serve as President in 1958. He was a member of the Education Council of the Association since 1951 and served as Chairman in 1957 and 1964.

Dr. Rebrassier also has been a member of the Columbus Board of Health, of which he served as President in 1954, 1955, 1956, and 1964; Phi Zeta National Honorary Fraternity; and Alpha Psi professional fraternity, serving as President and Secretary of the National Council.

For his dedication to the University and to the profession of veterinary medicine, and for his service to the community, Dr. Rebrassier 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.

June 5, 1964 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

B. Louis Roth

The Board of Trustees expresses its sorrow at the death on April 12, 1964, of Louis Roth, Clinical Associate Professor, Department of Surgery.

Dr. Louis Roth was born October 2, 1894, in New York City. He lived in Columbus since he was eight years old and was graduated from South High School. He received a Bachelor of Science degree from The Ohio State University in 1915 and a Doctor of Medicine degree from the College of Medicine in 1919. He interned at Mt. Sinai Hospital in New York City, followed by a residency in surgery and urology. He spent six months in basic urology in Vienna, following which he began a practice in Columbus.

Dr. Roth's connection with the medical faculty began when he was appointed an Assistant in Surgery (Urology) in 1928; Instructor in 1933; Clinical Assistant Professor in 1936; and Clinical Associate Professor in 1942.

Dr. Roth was a very cooperative and valuable associate in building the section of urology of the St. Francis Hospital, in which there was no diagnostic equipment and no space available. By persistence and graciousness he was able to establish a respectable diagnostic unit. This accomplishment was followed by his establishing a teaching ward service which was valuable to students, staff, patients, and the hospital. He headed this service for over 20 years. Poor health precluded his doing urological surgery, so he confined his practice to diagnostic office urology during his latter years.

In 1937 Dr. Roth was appointed to the Columbus Board of Health and was in charge of the diagnosis and treatment of venereal diseases. As a result of this appointment, he introduced the clinical aspects of venereal diseases to his students in the College of Medicine. He resigned this position in February of 1963.

Dr. Roth was a clinician and loved clinical teaching. At times he expressed a sincere regret that such teachers were relegated to such unimportant positions on medical faculties, but he continued to play an important, if unheralded, part in teaching in this school.

Dr. Roth was a delightful conversationalist, a superb story-teller, and a prolific reader. He confined his reading to old and modern philosophical treatises, until the last two years of his life when he turned to fiction for relaxation and entertainment. He was liked by everyone who knew him--his many friends and patients admired him and his fellow practitioners respected him.

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.

June 5, 1964 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

C. Israel Park Blauser

The Board of Trustees expresses its sorrow at the death on May 24, 1964, of Israel Park Blauser, Professor Emeritus in the Ohio Cooperative Extension Service.

Professor Blauser had pioneered in the application of electric power to agriculture. During the thirty-four years he served The Ohio State University, he provided much inspiration and leadership in the development and growth of rural electrification through research writing and extension teaching.

His interest in rural electrification extended beyond his duties at Ohio State. He was an active member of the American Society of Agricultural Engineers and had held important committee assignments. Noteworthy among his professional achievements were his contributions to the Ohio 4-H Club program and the Farm and Home Week activities.

Professor Blauser was on the faculty of the University of Illinois from 1923 to 1928. In 1928 he joined the staff at The Ohio State University from which he retired on July 1, 1962, as Extension Agricultural Engineer.

Professor Blauser held the academic degrees of Bachelor of Arts and Bachelor of Science in Agriculture from The Ohio State University. He was a member of Phi Beta Kappa, Gamma Sigma Delta, Alpha Zeta, Epsilon Sigma Phi, and the American Society of Agricultural Engineers.

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.

* * *

XII. REPORT

A. Report of the Finance and Investment Committee--
University's Investment Portfolio

The Secretary was instructed to file a copy of the Report on the University's Investment Portfolio dated May 31, 1964, with the official records of the Board of Trustees.

* * *

Thereupon the Board adjourned to meet Friday, July 17, 1964, at The Ohio State University, Columbus, Ohio, at ten o'clock.

Attest:

John T. Mount
Secretary

Smith L. Rairdon
Chairman

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APPENDIX VII

Degrees Conferred at

THE OHIO STATE UNIVERSITY COMMENCEMENT

June 12, 1964

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RECIPIENTS OF HONORS

LEONARD BERNSTEIN

DOCTOR OF HUMANE LETTERS

Eminent conductor, teacher, composer, pianist, and humanitarian whose remarkable talents have provided a distinguished music educator to the Nation and the world

Leonard Bernstein, music director of the New York Philharmonic, has combined his multiple talents as conductor, teacher, composer, and pianist to help elevate the level of music-listener intelligence and appreciation to heights unparalleled. In 1954 on the experimental television series, *Omnibus*, Mr. Bernstein initiated his career as music educator to a continent. In the succeeding years, his *Young People's Concerts* and his *Thursday Evening Previews* have provided a medium through which he has applied his artistic abilities with consistent effectiveness in order to bring the joys of a sophisticated art into the lives of children and adults throughout the land.

In addition, Leonard Bernstein's efforts on behalf of serious musical performance have extended far beyond the borders of this Nation through international tours of the New York Philharmonic and through his lectures to the people of other countries. The world-renowned orchestra, which has flourished under his leadership, has performed in Europe, Russia, and Latin America representing in a distinguished manner the quality of its eminent conductor and America's cultural values and achievements.

Mr. Bernstein's widespread acclaim was nearly instantaneous following his performance as conductor of the New York Philharmonic in November of 1943, just four years after his graduation, *cum laude*, from Harvard University. Since that memorable event his broad interests and unusual versatility, conjoined with his passion for good music, have brought justifiable recognition for a variety of musical achievements. His works for the theater, such as "Wonderful Town" and "West Side Story," have helped to make Broadway more musical. His commendable promotion of contemporary music, especially his crusade for the performance of the best in American music, will have a long-lasting effect on the propagation of the art as a living, ever-emerging language. His personal sponsorship of young American musical talent has been an inspiration to thousands of aspiring musicians.

Leonard Bernstein is now in the summer of a brilliant and unprecedented career in American music. In the ensuing years, it is safe to assume that the remarkable creativity and the warm, personal charm of this outstanding music educator will continue to enrich the lives of millions as he interprets for them in his inimitable and dynamic manner the pleasures and values of serious music.

J. GEORGE HARRAR

DOCTOR OF SCIENCE

Humanitarian, statesman, able scientist and administrator, whose life has been dedicated to the service of his fellowman

J. George Harrar, president of the Rockefeller Foundation, has had a vision of a world in which man's basic needs have been met, a world in which each person may direct his best energies toward the fulfillment of his potential rather than the maintenance of mere existence. In response to that vision, he has allied himself with the highest creative forces in the world-wide struggle against hunger and disease. Today, he is recognized as an international leader in the great educational and humanitarian movement to help the disadvantaged people of the world learn how to improve their own social and economic conditions.

A graduate of Oberlin College, he completed an M.S. degree at Iowa State University and then spent the next 14 years as a university professor, first at the University of Puerto Rico, then the University of Minnesota (from which he received the Ph.D.), Virginia Polytechnic Institute, and Washington State College. His distinguished career as a teacher of biology and plant pathology, plus his background gained in Puerto Rico, made him a logical choice by the Rockefeller Foundation when it named him local director of its Mexican Agricultural Program in 1943.

Dr. Harrar quickly obtained the confidence, cooperation, and support of the government and citizens of Mexico. In partnership they developed what came to be recognized in Latin America and much of the world as a model program. Invited by other governments, Dr. Harrar has been instrumental in establishing similar projects of agricultural assistance and production throughout Latin America and also in India.

As a result of his success with the Mexican program, he became successively deputy director for agriculture of the Rockefeller Foundation, director, vice president, and in 1961 president and trustee.

Because of his broad knowledge of educational and research programs throughout the world, Dr. Harrar was called on by President Kennedy for service on many panels as well as for direct consultation. Dr. Harrar's deep understanding of the problems and people of Latin America is reflected in the valuable service he has given, and continues to give, to the United States Department of State. The international sphere of his influence and the significance of his accomplishments are suggested by the numerous honors he has received in this country and abroad, by his publications and speeches, and by his eminent position in the several key professional organizations to which he belongs.

J. George Harrar is a dedicated man of extraordinary ability, integrity, and industry. His professional career clearly reveals a continuous desire to use these personal qualities in the service of mankind, without regard to national boundaries or racial considerations.

G. PRESTON HOFF

DOCTOR OF SCIENCE

Distinguished research scientist, nationally recognized pioneer in the development of synthetic fibers, and dedicated alumni leader

G. Preston Hoff combines the best of industry and education. After nearly 35 years with the DuPont Company, he retired in 1959 as head of the Planning Division of the Textile Fibers Department. Without interruption, however, his active efforts in behalf of this University continue. Those efforts date back to his student days in the early 1920's. He received three degrees from The Ohio State University—the B.A. in 1921, the M.Sc. in 1922, and the Ph.D. in 1925.

Shortly after receiving his doctorate in chemistry, he was employed by the DuPont Company as a research chemist in the field of viscose rayon manufacture. Dr. Hoff pioneered the development of high tenacity rayon yarn for use in automobile tires and named the first successful product in that field "Cordura."

Advancing rapidly through the ranks of DuPont, Dr. Hoff was selected in 1938 to direct the technical development of nylon. As Director of Nylon research, he headed the team which brought nylon from the laboratory stage to commercialization, and for his key role he was granted several U.S. and foreign patents.

Subsequently, Dr. Hoff made important contributions in the planning and launching of "Orlon" acrylic fiber and "Dacron" polyester fiber. For more than 30 years, he played a responsible part and exerted a significant national influence in the development of synthetic fibers.

His pre-eminence in the synthetic fiber field resulted in his being appointed by the U.S. Government in the closing weeks of World War II to serve on an Allied technical team charged with the responsibility of following immediately behind the military forces and evaluating the merits of man-made fiber plants as they fell into Allied hands.

Dr. Hoff's abiding interest in the welfare of this University and the vast amount of time and energy he has expended in its behalf constitute a virtual second career. He has served with distinction as president of the Ohio State University Association and as a member of its Board of Directors. As a long-time member of the Graduate School Committee of the Alumni Advisory Board, he helped strengthen the program of graduate education. He worked with the University's Research Foundation as a member and director of the board, and he contributed significantly at the policy level during a period of transition and rapid growth.

G. Preston Hoff stands high in that distinguished company of alumni who have ever maintained the vision of higher education and who have worked diligently in behalf of their alma mater to make that vision a reality.

GLENN ALLEN SONNEDECKER

DOCTOR OF SCIENCE

Eminent scholar and teacher, prolific historian of pharmacy, articulate crusader for the advancement of the profession

Glenn Allen Sonnedecker has performed a unique service for the profession of pharmacy and for society in general. In his many-faceted role as teacher, scholar, pharmaceutical journalist and historian, he has interpreted the social significance of pharmacy and has brought into focus, perhaps better than anyone before or since, the position of the pharmacist as a professional.

In 1942, he received the B.S. in Pharmacy from this University. His interest in combining journalism and pharmacy, fostered while a student here, led to the editorship of the *Practical Pharmacy Edition* of the *Journal of American Pharmacy*. In that capacity, he exerted a significant and beneficial influence upon the profession.

In 1948, he interrupted a promising career to pursue graduate study at the University of Wisconsin under Dr. George Urdang, the renowned pharmaceutical historian. In 1952, Dr. Sonnedecker became the first person in this country to earn the Ph.D. on the basis of major work in the history of pharmacy and related social studies.

As secretary and, since 1957, director of the American Institute of Pharmacy, he has transformed what was largely a Wisconsin activity into a vital national organization with its own journal and a dynamic program. His original papers, speeches, and his advice and encouragement to others have awakened in pharmacists everywhere a new sense of pride in their professional heritage.

Now professor of the history of pharmacy at Wisconsin, he is the only full-time teacher in this field in the United States, conducts the Nation's only doctoral program in the history of pharmacy, and is pioneering a promising new area of graduate education called "social studies in pharmacy."

Dr. Sonnedecker's contributions as a teacher do not end in the classroom, however. With almost missionary zeal he has worked with teachers in other colleges to help them strengthen their backgrounds in the history of pharmacy.

Convinced of the vital importance of pharmacy internationally, Dr. Sonnedecker has assumed an increasingly prominent role in world organizations. He has been an American delegate to three world assemblies of the International Pharmaceutical Federation. Currently he is vice president of the World Union of Societies for the History of Pharmacy and the only American member of the International Academy of the History of Pharmacy. His encouragement and support have been largely responsible for the organized interest in his field in other countries of the Western Hemisphere.

As a scholar, teacher, and pharmacist, Glenn Sonnedecker has earned national and international respect. Today he is rightfully acclaimed as one of the world's leading authorities on the history of pharmacy.

WILLIAM W. HEIMBERGER
BENJAMIN G. LAMME MEDAL AWARD

*Metallurgical expert and innovator, leader in the foundry industry,
friend of engineering education*

William W. Heimberger, chairman of the board of Buckeye Steel Castings Company, has pioneered in the advancement of rail transportation through the design and manufacture of cast-steel railway parts used by railroads in every major country in the world.

Joining the firm in 1916 as an engineer trainee, he soon displayed the technical competence and leadership abilities which destined him for rapid advancement and a brilliant career. In 1924, his redesign of the open hearth furnace led to substantial improvements in production rate and economy. This redesign soon became standard practice throughout the industry. In 1931, his design of an automatic control for gas producer operation was a major development at that time.

Promoted in 1936 to superintendent of open hearth and laboratories, he managed all phases of production metallurgy. In 1948, his appointment as works manager brought with it responsibility for all production departments, plant maintenance, and personnel. Elected vice president of operations in 1960, he added plant engineering and purchasing to his areas of responsibility and personally directed major changes in molding, sand reclamation, preparation, and transportation. He was elected to his present position in 1963.

As he advanced through this series of key positions, his ingenuity, coupled with his basic understanding of his field, resulted in major production innovations that made a significant impact on the industry.

For many years Mr. Heimberger has been a leader in the foundry industry, particularly in the establishment and compilation of standards and through his participation on national advisory boards to technical and governmental agencies. He has also been active in technical societies, among them the Steel Founders' Society of America.

Mr. Heimberger was graduated from this University in 1916, and since that time he has been an enthusiastic contributor to its program of engineering education. He has represented the College of Engineering on the Alumni Advisory Board and has served as chairman of the Committee of 100 for the College of Engineering. At the national level, he has been a trustee of the Foundry Educational Foundation.

He has had an enriching influence on his community and the cultural life of Columbus and Franklin County through his active participation in civic, youth, church, and service organizations. His career represents the highest level of professional achievement, combining technical accomplishment, administrative leadership, unstinting community service, and respect for his fellowman.

GRADUATE SCHOOL

Dean: RICHARD ARMITAGE

Doctor of Philosophy

- Adolf William Almgren, A.B. (Bowling Green State University);
B.D., S.T.M. (Oberlin College).....Akron
Dissertation: Concurrence with the Social Creed of the Methodist Church
Field of Specialization: Sociology
- Charles Timon Anderson, B.Sc.....Columbus
Dissertation: On an Identity Common to Lie, Jordan, and Quasiassociative Algebras
Field of Specialization: Mathematics
- James Elson Appleby, B.Sc. in Edu., M.Sc.....Canton
Dissertation: Life History and Control of Oligotrophus apicis Sp. N. (Diptera: Cecidomyiidae), a Midge Injurious to Junipers: With Key to Species of Aligotrophus Found in the United States
Field of Specialization: Entomology
- William Wayne Barnes, B.Sc. in Agr., M.Sc.....Cleveland
Dissertation: The Absorption and Metabolism of C¹⁴-labeled Endosulfan in the Housefly
Field of Specialization: Entomology
- Margery Louise Bessom, B.S. (Simmons College); M.A. (Columbia University).....Kalamazoo, Mich.
Dissertation: Effect of Selected Factors on Practices and Problems in Buying Family Clothing
Field of Specialization: Home Economics
- Sanford Gilbert Bloom, B.Ch.E., M.Sc.....Columbus
Dissertation: A Mathematical and Experimental Analysis of Mass Transfer in a Capacitance Model of Porous Media
Field of Specialization: Chemical Engineering
- Leon William Boucher, B.Sc. in Agr., M.Sc.....Green Springs
Dissertation: The Development of a Farm Business Planning and Analysis Instructional Program for Ohio Young Farmers
Field of Specialization: Agricultural Education
- Robert Lee Brabenec, B.S. (Wheaton College).....McHenry, Ill.
Dissertation: A Set-valued Measure for a Certain Product Space
Field of Specialization: Mathematics
- Ronald William Brady, B.Sc. in Bus.Adm., M.A.....Columbus
Dissertation: An Econometric Model of the Sales Tax Revenue System in Ohio
Field of Specialization: Economics
- James Henry Brann, B.S. (University of Maine); M.Sc.....Lewiston, Me.
Dissertation: An Investigation of the Effects of Superimposed Transverse Motion on the Stick-Slip Phenomenon in Single-Degree-of-Freedom Vibrating Systems
Field of Specialization: Mechanical Engineering
- Delno Wayne Brown, B.D. (Butler University); M.A. (Northwestern University).....Columbus
Dissertation: Character Education in Ohio Church-related Colleges
Field of Specialization: Education

- William Edwin Brown, B.S. in Ed., M.S. in Ed. (Southern Illinois University) Worthington
Dissertation: A Research Project Designed to Evaluate the Use of an Automated Teaching Device in the Instruction of Engineering Graphics
Field of Specialization: Education
- George Allen Brunner, B.B.A., M.B.A. (University of Toledo) Toledo
Dissertation: Personal Bankruptcies in Ohio
Field of Specialization: Business Organization
- John Henry Bucher, Met.E. (University of Cincinnati); M.Sc. Newport, Ky.
Dissertation: A Fractographic Analysis of Some Ultra-high-strength Steels by Electron Microscopy
Field of Specialization: Metallurgical Engineering
- Joseph Ray Clary, B.S., M.A.Ed. (North Carolina State College of Agriculture and Engineering) Shelby, N. C.
Dissertation: Guidelines for the Development of Training Programs for Agricultural Technicians
Field of Specialization: Agricultural Education
- Robert William Cleary, B.S. in Phar. (University of Wisconsin); M.Sc. Milwaukee, Wis.
Dissertation: Correlation of the Acid-catalyzed Hydrolysis Rates of Some Oxazolidines with Substituent Effects
Field of Specialization: Pharmacy
- Clarence Junior Cunningham, B.Sc. in Agr., M.Sc. Fredericksburg
Dissertation: Measures of Leader Behavior and Their Relation to Performance Levels of County Extension Agents
Field of Specialization: Agricultural Education
- Donald Walter Curl, B.Sc. in Edu., M.A. Kent
Dissertation: Murat Halstead, Editor and Politician
Field of Specialization: History
- John Neary Davis, B.S. (United States Military Academy) Huntington, N. Y.
Dissertation: The Integration of Executive Development and Long-Range Planning
Field of Specialization: Business Organization
- Lincoln Wesley Deihl, B.S. in Ed. (Bowling Green State University); M.S. in Ed. (Indiana University) Pavonia
Dissertation: Factors Contributing to the Selection of First-Level Office Supervisors with Implications for Business Education
Field of Specialization: Education
- Gene Allen Futrell, B.S., M.S. (Iowa State University) Carlisle, Ia.
Dissertation: Interregional Competition in Beef and Pork: A Multi-product Spatial Equilibrium Investigation
Field of Specialization: Agricultural Economics and Rural Sociology
- Antoni Edward Gadzala, B.Sc. in Phm., M.Sc. in Phm. (University of Toronto) Toronto, Ont., Canada
Dissertation: Protein Binding of Xanthines and Related Compounds
Field of Specialization: Pharmacy
- Henry Edgar Gerry, B.S. (Montana State College) Bozeman, Mont.
Dissertation: 7-Iodoheptahelicene
Field of Specialization: Chemistry
- John Phillips Gibson, B.Sc. in Agr., D.V.M., M.S. (Kansas State University) Wichita, Kans.
Dissertation: Experimental Distemper in the Gnotobiotic Dog
Field of Specialization: Veterinary Pathology

- Walter Charles Giffin, B.I.E., M.Sc. Bucyrus
Dissertation: Studies in the Design of Mass Transit Systems
Field of Specialization: Industrial Engineering
- Agnes Marshall Gordon, B.A., M.A. Columbus
Dissertation: An Evaluation of the Past and Potential Role of Accounting in National Economic Analysis
Field of Specialization: Accounting
- Mohamed Wafik Abdel-Latif Goudah, B.Pharm. (Alexandria University);
M.Sc. Alexandria, Egypt.
Dissertation: Complex Interaction of Starches with Certain Drug Pharmaceuticals
Field of Specialization: Pharmacy
- Fredrick Chauncey Hagerman, B.S. (Wisconsin State College,
LaCrosse); M.A. Holmen, Wis.
Dissertation: The Effects of Breathing 100 Per Cent Oxygen during Rest, Heavy Work, and Recovery
Field of Specialization: Physical Education
- Donald George Hartman, B.Sc. in Edu., M.A. Elberon, N. J.
Dissertation: An Investigation of the Possibility of Correlation between Human Handedness and Differences in Length of Arm and Leg Long Bones, with a Genetic Interpretation
Field of Specialization: Botany and Plant Pathology
- Robert Joseph Heaston, B.S.Ch.E., M.S. (University of Arkansas)
Cotter, Ark.
Dissertation: Investigation of Methane and Methane-Steam Reactions in an Argon Arc Plasma
Field of Specialization: Chemical Engineering
- Larry Leroy Hench, B.Cer.E. Crestline
Dissertation: Sintering and Reactions of MgO and Cr₂O₃
Field of Specialization: Ceramic Engineering
- Donald Lewis Henry, B.S. (E.E.) (University of Illinois); M.Sc. . . . Kettering
Dissertation: A Model for Decision-making Situations with Multiple Pay-off Utilities
Field of Specialization: Industrial Engineering
- Michael Saul Herschler, B.S. (Cornell University); M.Sc. Columbus
Dissertation: The Chromosomes of Cattle: Their Association with Phylogenetic and Ontogenic Processes with an Intensive Study of the Freemartin Syndrome
Field of Specialization: Dairy Science
- Glenn Curtis Himes, B.S.Agr., M.S. (Purdue University)
Crawfordsville, Ind.
Dissertation: International Competition in the Feed Grain Economy
Field of Specialization: Agricultural Economics and Rural Sociology
- Genevieve Simonet Incefy, B.Sc., M.Sc. Columbus
Dissertation: The Isolation and Characterization of an Adenosine Triphosphatase from the Rod Outer Segments of Bovine Retina
Field of Specialization: Physiological Chemistry
- Ralph Walter Ingersoll, B.Sc. (Bob Jones University); M.A.
(University of Colorado) Columbus
Dissertation: The Predictive Abilities of the GATB in Grades Nine and Ten in Vocational and Academic Courses of Study in Selected Ohio High Schools
Field of Specialization: Education

- Charles Harold Ingraham, B.Sc. in Agr., M.Sc. Marietta
*Dissertation: A Review of the Organizational Structure of the Ohio
Farm Bureau Cooperatives and Characteristics Associated with Successful County Farm Bureau Managers*
Field of Specialization: Agricultural Economics and Rural Sociology
- Maxwell Victor Jonah, B.S. in C.E. (Northeastern University); M.Sc.
Newtonville, Mass.
*Dissertation: An Analytically Modified Analogue Solution for Aerial
Triangulation and Block Adjustment*
Field of Specialization: Geodetic Science
- Allan Evans Jones, B.Ch.E., M.Sc. Wilmington, Del.
*Dissertation: Mixtures of Hard Spheres and a Real Gas: The System
Helium-n-Butane*
Field of Specialization: Chemical Engineering
- Klaus Kalb, M.Sc. (Kansas State University) Stuttgart, Germany
Dissertation: Product Differentiation in the Mixed Feeds Industry
Field of Specialization: Agricultural Economics and Rural Sociology
- Robert Andrew Kantra, B.S. (Muhlenburg College); M.A. (Fordham
University) Bryn Mawr, Pa.
Dissertation: Satire on the Socialization of Religion
Field of Specialization: English
- Charles William Keith, B.Sc. in Edu.; M.A. (Michigan State University)
Kent
*Dissertation: The Industrial Technology Program at Kent State Uni-
versity, an Appraisal and Recommendations*
Field of Specialization: Education
- George Thomas Kennedy, Jr., B.S. in M.E. (Newark College of
Engineering); M.B.A. Westerville
*Dissertation: History and Development of a Philosophy of Evaluating
Purchasing Performance with an Analysis of the Rel-
ationship between Purchasing Department Operating
Cost and End Product Material Cost*
Field of Specialization: Business Organization
- Barry Goodwin King, B.B.A., M.A. (Hardin-Simmons University)
Texarkana, Tex.
Dissertation: A Statistical Basis for Audit Reliance on Internal Control
Field of Specialization: Accounting
- James Walter Lacksonen, B.Ch.E., M.Sc. Ashtabula
*Dissertation: Transient Transport of Adsorbable Gases in a Micro-
porous Solid*
Field of Specialization: Chemical Engineering
- Margarita Maria Adelaida Rosa Levisi. Buenos Aires, Argentina
Dissertation: Los Sueños de Quevedo: El Estilo, el Humor, el Arte
Field of Specialization: Romance Languages (Spanish)
- Kung-Pu Li, B.Sc. (National Taiwan University); M.Sc.
Taipei, Taiwan, China
Dissertation: Machine Recognition of Mandarin Monosyllable
Field of Specialization: Electrical Engineering
- William Ellis Long, B.S. (University of Nevada); M.Sc. Columbus
Dissertation: The Stratigraphy of the Ohio Range, Antarctica
Field of Specialization: Geology
- George Robert McCormick, B.A. (Ohio Wesleyan University); M.Sc.
Columbus
*Dissertation: An Investigation of the Compatibility Relations in the
System $MgO-GeO_2-MgF_2-LiF$ Principally at $1000^\circ C$.*
Field of Specialization: Mineralogy

- Coy Gaylord McNabb, B.S.A. (University of Arkansas) ; M.S. (University of Missouri) Columbia, Mo.
Dissertation: The Administrative Role of the County Extension Director in Missouri
Field of Specialization: Agricultural Education
- William Edward Meredith, B.S. (Ohio University) ; M.Sc. Dennison
Dissertation: The in Ovo and in Vitro Effects of Potentiated and Unpotentiated Chlortetracycline in Controlling Mycoplasma gallisepticum
Field of Specialization: Microbiology
- Eddy Miedema, B.S. (Southern State Teachers College, South Dakota) ; M.S. (South Dakota State College of Agriculture and Mechanic Arts) Broadland, S. Dak.
Dissertation: The Metabolism of Ethanolamine in Plants
Field of Specialization: Physiological Chemistry
- Edward Joseph Mock, B.S. (King's College, Pennsylvania) ; M.Bus.Adm. (Marquette University) State College, Pa.
Dissertation: An Evaluation of Borrower Risk in Industrial Companies Employing Convertible Subordinated Debentures
Field of Specialization: Business Organization
- Essam Hassan Moneeb, B.Sc. (University of Cairo) ; M.Sc. Cairo, Egypt
Dissertation: Economic and Statistical Analysis of the Impact of Two Federal Agricultural Policy Programs on Agricultural Resource Reallocation in Ohio
Field of Specialization: Agricultural Economics and Rural Sociology
- Homer J. Mottice, B.Sc. in Bus.Adm.; M. of B.A. (Kent State University) East Sparta
Dissertation: A Method of Analyzing Proposed Expenditures for Hospital Medical Equipment
Field of Specialization: Accounting
- Wolfgang Heinz Mueller Buffalo, N. Y.
Dissertation: Part I. The Endecaphyllins: Naturally Occurring Aliphatic Nitro-Compounds
Part II. Mammeigin: A New Naturally Occurring 4-Phenylcoumarin
Field of Specialization: Chemistry
- James Russell Myers, Met.Engr. (University of Cincinnati) ; M.S. (University of Wisconsin) Middletown
Dissertation: Anodic Polarization Behaviour of Nickel-Chromium Alloys in Sulfuric Acid Solutions
Field of Specialization: Metallurgical Engineering
- Robert Michael Nerem, B.S. in Aero.Eng. (University of Oklahoma) ; M.Sc. Columbus
Dissertation: Shock Layer Radiative Emission during Hypervelocity Re-entry
Field of Specialization: Aeronautical and Astronautical Engineering
- Benjamin Chukuka Edeoghene Nwosu, B.Sc. (University College, Nigeria) ; M.S. (Miami University) Ozubulu, Nigeria
Dissertation: Characteristic Radiations of Tc^{93} , Tc^{94} , and Nb^{90}
Field of Specialization: Physics
- Jerry Carl Olson, B.S. in Ed. (Pennsylvania State Teachers College, California) ; M.Ed. (University of Pittsburgh) Brookville, Pa.
Dissertation: The Guidance Function of Industrial Arts in Teacher Education
Field of Specialization: Education

- Vicente U. Quintana, B.S. in Ag., M.S. (University of the Philippines)
Laguna, Philippines
*Dissertation: An Economic Analysis of Straight Agricultural Loans
Granted by the Branches of the Development Bank of the
Philippines in Nueva Ecija and Isabela, 1962*
Field of Specialization: Agricultural Economics and Rural Sociology
- Richard Henry Rapp, B.S. (Rensselaer Polytechnic Institute); M.Sc.
Danbury, Conn.
*Dissertation: The Prediction of Point and Mean Gravity Anomalies
through the Use of a Digital Computer*
Field of Specialization: Geodetic Science
- Richard Davis Rieke, B.S. in Ed. (Southern Illinois University); M.A.
Columbus
Dissertation: Rhetorical Theory in American Legal Practice
Field of Specialization: Speech
- John Raymond Rizzo, B.A. (University of Colorado); M.A.
Valley Stream, N. Y.
*Dissertation: Value Dimensions, Value Commitments, and In-Basket
Performance of Business Students*
Field of Specialization: Psychology
- Richard Homer Schlessinger, B.S. in Ed. (Pennsylvania State Teachers
College, Edinboro) Edinboro, Pa.
*Dissertation: The Chemistry of Pleiadene, Acepleiadene, and Acepleia-
dylene*
Field of Specialization: Chemistry
- Lorenz Philip Schrenk, A.B. (George Washington University); M.A.
Washington, D. C.
*Dissertation: The Concept of Central Transformations in the Human
Processing of Discrete Signals*
Field of Specialization: Psychology
- Elmer Joseph Scrafford, B.Sc. in Edu.; M.A. (New York University)
Bluefield, W. Va.
*Dissertation: The Utilization of Collegiate Enrollment Projections in
West Virginia as Applied to Bluefield State College*
Field of Specialization: Education
- Robert Martin Shemenski, Met.E. (University of Cincinnati)
Martins Ferry
*Dissertation: The Defect Structures and Dissolution Characteristics of
Iron Filamentary Single Crystals*
Field of Specialization: Metallurgical Engineering
- John Dahir Shibley, B.S. in Edu., M.A. (Bowling Green State University)
Toledo
*Dissertation: An Investigation of Some Aspects of Audience Perception
during the Communication Act*
Field of Specialization: Speech
- Robert Norman Singer, B.S. (Brooklyn College); M.S. (Pennsylvania
State University) Brooklyn, N. Y.
*Dissertation: Massed and Distributed Practice Effects on the Acqui-
sition and Retention of a Novel Basketball Skill*
Field of Specialization: Physical Education
- Lorin Coover Staats, Jr., A.B. (Ohio University); M.A. (State University
of Iowa) Athens
*Dissertation: The Usage of Stressed Front Vowels among College
Freshmen in Ohio*
Field of Specialization: Speech

- Thomas John Sweeney, Jr., B.A. in Educ. (University of Akron); M.S.
(University of Wisconsin).....Akron
Dissertation: The School Counselor: Activities and Attributes
Field of Specialization: Education
- Arthur Canning Taylor, Jr., B.S. (Virginia Military Institute); M.Sc.
Lexington, Va.
Dissertation: Torsional Restraint of Lateral Buckling
Field of Specialization: Civil Engineering
- Columbus Edwin Tootle, M.B.A. (University of Chicago).....Columbus
*Dissertation: Profitability of Multiple-Line Operation by Stock Fire
and Casualty Insurance Companies*
Field of Specialization: Business Organization
- Donald Arthur Topmiller, A.B. (Miami University); M.A. (Lehigh
University).....Fairborn
*Dissertation: A Factor Analytic Approach to Human Engineering
Analysis and Prediction of System Maintainability*
Field of Specialization: Psychology
- James Phillip Van Meter, B.Sc.....Tiffin
*Dissertation: Part I. The Synthesis of 1, 2-Diphenylnaphtho [b] cyclo-
butadiene*
*Part II. The Synthesis and Reaction of Stabilized 2, 3-
Naphthoquinonoid Systems*
Field of Specialization: Chemistry
- Jack Urban Williamson, B.Sc. in Edu.; A.M. (Miami University) ..Fremont
*Dissertation: Factors Affecting the Role Concept of Ohio Secondary
School Principals*
Field of Specialization: Education
- Douglas Arthur Wolfe, B.Sc., M.Sc.....Chillicothe
*Dissertation: The Composition of Crayfish Carotenoids and the Fatty
Acid Composition of Crayfish Lipids Including Carotenoid
Esters*
Field of Specialization: Physiological Chemistry
- Melvin Lewis Woodward, A.B. (Bucknell University); M.B.A.....Kent
*Dissertation: The Nature and Functioning of a Formal Philosophy of
Management in American Industry*
Field of Specialization: Business Organization
- Harry Orbell Yates III, B.S. (University of Maine); M.F. (Duke
University).....Athens, Ga.
*Dissertation: The Influence of Oleoresin on Southern Pine Injury by
Rhyacionia (Lepidoptera: Olethreutidae)*
Field of Specialization: Entomology
- David Lee Young, B.A., M.A. (Kent State University).....Canton
Dissertation: The Art of Conrad Richter
Field of Specialization: English
- William Henry Zuccherro, B.A. (Kent State University); A.M.
(University of Michigan).....Kent
*Dissertation: The Contributions of James F. Neill to the Development
of the Modern American Theatrical Stock Company*
Field of Specialization: Speech

(Eighty-two candidates)

Master of Arts

- Agnes Campbell Anderson, B.S. (Pennsylvania State Teachers College,
West Chester)Avoca, Pa.
Field of Specialization: Education
- *Lyle Ellis AngeneBucyrus
Field of Specialization: Philosophy
- John Carroll Mathias Arimond, B.S. in Jour. (Marquette University)
Columbus
Field of Specialization: Journalism
- Carl William Asp, Jr., B.Sc. in Edu.Avon
Field of Specialization: Speech
- Jean Buckley Aurand, A.B. (University of Michigan)Reynoldsburg
Field of Specialization: Psychology
- Joan Pennock Barnard, A.B. (Oberlin College)Columbus
Field of Specialization: Psychology
- Ward LeRoy Barritt, B.Sc. in Edu.Worthington
Field of Specialization: Education
- Dorothy Jones Beatley, B.Sc. in Edu.Columbus
Field of Specialization: Education
- George Frederick Bott, A.B. (Capital University)Columbus
Field of Specialization: Education
- Marcia Lea Brazina, A.B. (Connecticut College)Easton, Pa.
Field of Specialization: English
- Francis Robert Calderwood, B.Sc. in Agr.Cleveland
Field of Specialization: Agricultural Education
- Maureen Jane Carmody, A.B. (Wayne State University)Painesville
Field of Specialization: German
- Charles William Chance, B.A.Columbus
Field of Specialization: Political Science
- Woo Yong Chun, B.A.Columbus
Field of Specialization: English
- Christopher Charles Clark, A.B. (Denison University)Lakewood
Field of Specialization: Education
- David Louis Clark, B.A. (Kent State University)Cleveland
Field of Specialization: History
- Carol Galek Colvert, B.S.Ed. (Ohio University)North Royalton
Field of Specialization: Education
- Jeffrey Holland Cook, B.M.E. (Northwestern University) ..Park Ridge, Ill.
Field of Specialization: Music
- Daniel Edwin Costello, B.Sc. in Bus.Adm.Dayton
Field of Specialization: Journalism
- Hal La Rue Curtis, A.B. (Denison University)Zanesville
Field of Specialization: German
- Robert Wayne Dameron, Jr., B.Sc. in Bus.Adm.Columbus
Field of Specialization: Economics

* Two degrees

- George Arliss Davis, B.A. (Kentucky State College) Columbus
Field of Specialization: Education
- Eleanor Stedman Dawson, A.B. (Ohio University) Columbus
Field of Specialization: Education
- Charles Alton Day, B.Sc. in Edu. Columbus
Field of Specialization: Education
- Ronald Lee Ditzler, B.S. (Gettysburg College) Gettysburg, Pa.
Field of Specialization: Music
- Carolyn Marie Duell, B.S. in H.Ec. (University of Dayton) Dayton
Field of Specialization: Speech
- Jack Eugene Earl, A.B. (Bluffton College) New Bremen
Field of Specialization: Art
- Evan David Ehmann, B.A. (Ohio Wesleyan University) Chatham, N. J.
Field of Specialization: Psychology
- Barbara Walvoord Fassler, A.B. (Hope College, Michigan) Glen Rock, N. J.
Field of Specialization: English
- John Henry Fields, A.B. (Denison University) Newark
Field of Specialization: Speech
- Norma Jean Fields, B.A. (Morris Harvey College) Bidwell
Field of Specialization: English
- Juanita Juarez Garcia, B.A. (Agnes Scott College, Georgia) . . . Tampa, Fla.
Field of Specialization: Psychology
- Melvin Lee Gary, B.A. (Haverford College) Warren, Pa.
Field of Specialization: Psychology
- Robert John Gaston, B.Sc. in Bus.Adm. Columbus
Field of Specialization: Economics
- Sue Ann Giffen, B.S. in Ed. (New York State University College of
 Education, Cortland) Mobile, Ala.
Field of Specialization: Education
- Elaine Marcia Goldberg, B.A. (Northwestern University)
 Highland Park, Ill.
Field of Specialization: Psychology
- James Warren Green, B.A. (University of Puget Sound)
 Mercer Island, Wash.
Field of Specialization: Sociology (Anthropology)
- Jean Milner Griffith, B.Sc. in Edu. Columbus
Field of Specialization: Education
- Christel Alma Gunkel, B.S. (New York State University College of
 Education, Potsdam) Northport, N. Y.
Field of Specialization: Psychology
- Sue Ann Hartley, A.B. (Antioch College) New York, N. Y.
Field of Specialization: English
- Mariwyn Distelhorst Hauelsen, B.S. in Edu. (Capital University)
 Columbus
Field of Specialization: Education
- Thelma Mitchell Heet, B.S. in Ed. (Wilmington College) Columbus
Field of Specialization: Education

- Robert Elden Hicks, B.Sc. in Bus.Adm.....Canal Winchester
Field of Specialization: Economics
- Elaine Schwab Hobart, A.B. (University of Michigan).....Columbus
Field of Specialization: Sociology
- Arland Boyd Imlay, B.S.Ed. (Ohio University).....Lancaster
Field of Specialization: Education
- Jamie George Jameson, B.A.....Columbus
Field of Specialization: Speech
- Stanley Lewis Johnson, B.Sc. in Edu.....Chillicothe
Field of Specialization: Education
- Robert Gray Jones, B.A.....Columbus
Field of Specialization: Speech
- John Robert Kayser, B.A. (University of New Hampshire)
New York, N. Y.
Field of Specialization: Political Science
- Jack Ellis Kile, B.S. in Edu. (Ashland College).....Columbus
Field of Specialization: Speech
- Judy Marlene Kyle, B.Sc. in Edu.....Fairborn
Field of Specialization: Speech
- Walter John Lesiak, Jr., B.S. (Central Connecticut State College)
Meriden, Conn.
Field of Specialization: Psychology
- Jack Walter Lewis, B.A. (Kent State University).....Columbus
Field of Specialization: Political Science
- Beatrice Bender Lovenstein, B.Sc. in Soc.Adm.....Columbus
Field of Specialization: Education
- Stephen Rodney Lucas, B.Sc. in Bus.Adm., B.Sc. in Edu.....Zanesville
Field of Specialization: Education
- Donald Edward Maiara, B.A. (City College, New York) ..Ozone Park, N. Y.
Field of Specialization: English
- William Adrian March, B.Sc. in Edu.....Ashtabula
Field of Specialization: Education
- Robert Allan Martin, B.Sc. in Edu., B.Mus.....Willoughby
Field of Specialization: Psychology
- Patricia Ann McGivern, B.A. (University of Southern California)
West Covina, Calif.
Field of Specialization: Psychology
- Sigrid Barbara Margot Meyering, B.A. (William Smith College)
College Point, N. Y.
Field of Specialization: Psychology
- Faith Anne Nason, A.B. (Ohio University).....Rocky River
Field of Specialization: English
- Daniel Melvin Nelson, B.A. (Ohio Wesleyan University)
Grosse Pointe, Mich.
Field of Specialization: History
- Joan Irene Newcomb, B.S. in Ed. (New York State University
College of Education, Cortland).....Baldwinsville, N. Y.
Field of Specialization: Education

- Jon Allyn Nicodemus, A.B. (Ashland College).....Ashland
Field of Specialization: English
- Nancy Myers Norris, B.A. (Otterbein College).....Westerville
Field of Specialization: Speech
- Paul George Ostendorf, B.S. (Loyola University).....Chicago, Ill.
Field of Specialization: History
- William Herman Parks, B.A.....Worthington
Field of Specialization: Speech
- Suzanne Fenske Parrett, B.A.....Cincinnati
Field of Specialization: Psychology
- Jean Louise Parsons, B.A. (Washington State University) ..Olympia, Wash
Field of Specialization: Psychology
- Mary Jane Eaker Peterson, A.B. (Wellesley College).....Columbus
Field of Specialization: English
- Esther Joan Pressel, B.S. (Pennsylvania State University) ...Loysburg, Pa.
Field of Specialization: Sociology (Anthropology)
- Mary Kathryn Prince, B.Sc. in Edu.....Urbana
Field of Specialization: Education
- Albert Paul Raimonde, B.Sc. in Edu.....Willard
Field of Specialization: Education
- Jack Delano Rausch, B.Sc. in Edu.....Dover
Field of Specialization: Music
- Alice Elaine Doll Risch, A.B. (Capital University).....Columbus
Field of Specialization: Education
- Martha James Root, A.B. (Miami University).....Oxford
Field of Specialization: Romance Languages (French)
- Martha Carolyn Roth, B.A.....Hamilton
Field of Specialization: Journalism
- Joan Faye Sauder, B.S. in Edu. (Goshen College).....Archbold
Field of Specialization: Education
- Thomas Scott Scovel, B.A. (College of Wooster)Stony Point, N. Y.
Field of Specialization: Linguistics
- Beverly Rynne Sepkowitz, A.B. (University of California, Berkeley)
Los Angeles, Calif.
Field of Specialization: Physical Education
- Donald Woodfred Skelton, B.A. (Otterbein College).....Columbus
Field of Specialization: Education
- Donna Mae Broeske Snyder, B.Sc. in Edu.....Bellville
Field of Specialization: Speech
- William Otto Sperling, B.A. (Saint Paul Bible College).....Toledo
Field of Specialization: Education
- Helen Davis Stephenson, B.S. in Edu. (Miami University)Columbus
Field of Specialization: Education
- Rozella Laster Stigler, A.B. (Oklahoma Baptist University) ..Reynoldsburg
Field of Specialization: Education
- Rudolph Howard Storch, A.B. (Capital University).....New York, N. Y.
Field of Specialization: History

- Ronald Joseph Stupak, B.A. (Moravian College) Bethlehem, Pa.
Field of Specialization: Political Science
- Carol Palmer Trautwein, B.S. in Ed. (Wittenberg University) Akron
Field of Specialization: Education
- Emily Chase Weaver, A.B. (Goucher College) Clearfield, Pa.
Field of Specialization: History
- Kenneth Lewis Weber, B.A. (University of Louisville) Louisville, Ky.
Field of Specialization: English
- John Crawford Wells, B.A. Columbus
Field of Specialization: Journalism
- Helen Virginia Wilson, B.M., B.S.M. (Capital University) Columbus
Field of Specialization: Music
- Dorothy Kaup Wittenberg, B.A. (University of Minnesota) Delaware
Field of Specialization: Romance Languages (French)
- John William Worst, A.B. (Calvin College) Grand Rapids, Mich.
Field of Specialization: Music
- Renee Sandra Zelizer, B.Sc. in Edu. Columbus
Field of Specialization: Education
- Bette Brown Zilles, A.B. (Capital University) Bellefontaine
Field of Specialization: Speech
- Glenn Everett Zimmerly, B.Sc. in Agr. Orrville
Field of Specialization: Agricultural Education
 (Ninety-seven candidates)

Master of Business Administration

- Josefina Macatangay Calanog, B.Sc. (University of the Philippines)
 Manila, Philippines
Field of Specialization: Business Organization
- Raymond James DeSantis, B.Sc. in Bus.Adm. Warren
Field of Specialization: Business Organization
- Carl Norman Dieringer, B.A. Napoleon
Field of Specialization: Business Organization
- Leonard Garland Gaston, B.S. (Texas Technological College) Dayton
Field of Specialization: Business Organization
- Lawrence Donald Katz, B.Sc. in Bus.Adm. University Heights
Field of Specialization: Business Organization
- Almer Winfield Reese, Jr., A.B. (Syracuse University) Dayton
Field of Specialization: Business Organization
 (Six candidates)

Master of City Planning

- John Jacob Pobst, B.S. (Antioch College) Yellow Springs
Field of Specialization: Architecture (City Planning)
- Clark Pierson Turner, A.B. (Antioch College) Yellow Springs
Field of Specialization: Architecture (City Planning)
 (Two candidates)

Master of Education

- Jerome Warmus, B.S. (McMurry College) Chicago, Ill.
Field of Specialization: Education
- Arthur Spencer Wright, B.Sc. in Edu. Westerville
Field of Specialization: Education
(Two candidates)

Master of Medical Science

- Robert David Baer, B.A., M.D. Worthington
Field of Specialization: Medicine
- Allen Douglas Harlor, Jr., B.Sc., M.D. Columbus
Field of Specialization: Pediatrics
- William Alan Hodson, M.D. (University of Manitoba) Columbus
Field of Specialization: Pediatrics
- Donald Gordon Jones, B.S. (East Tennessee State College); M.D.
(University of Tennessee) Columbus
Field of Specialization: Obstetrics and Gynecology
- Ralph Edward Kah, A.B. (Miami University); M.D. Middletown
Field of Specialization: Obstetrics and Gynecology
- Walter Michael Podedworny, M.D.C.M. (Queens University)
Copper Cliff, Ont., Canada
Field of Specialization: Ophthalmology
- Alexander Dimitrius Raptou, A.B. (Hiram College); M.D. Youngstown
Field of Specialization: Medicine
- George Walter Waylonis, A.B., M.D. (Western Reserve University)
South Euclid
Field of Specialization: Medicine
- Daniel Joseph Wilhelm, M.D. Columbus
Field of Specialization: Pediatrics
(Nine candidates)

Master of Science

- John Uldis Abele, As.E. (University of Cincinnati) Canton
Field of Specialization: Aeronautical and Astronautical Engineering
- James Theodore Addis, B.Sc. in Agr. Galion
Field of Specialization: Zoology and Entomology
- Laurence Engel Anderson, B.S. (Mount Union College) Greentown
Field of Specialization: Chemistry
- Thomas Rollins Arntz, B.Sc. in Agr. Shelby
Field of Specialization: Agronomy
- Gary Lynn Barker, B.S. in Agr. Eng. (Texas Technological College)
Lockney, Tex.
Field of Specialization: Agricultural Engineering
- Rudy Cassell Beavin, B.E.E. (University of Louisville) Dayton
Field of Specialization: Physics
- Werner LeRoy Becher, B.Sc. in Agr. Van Wert
Field of Specialization: Agricultural Education
- David Lee Beckman, B.Sc. Kettering
Field of Specialization: Physiology

- Lakew Birke, B.S. (Imperial Ethiopian College of Agricultural and Mechanical Arts) Dire Dawa, Ethiopia
Field of Specialization: Agricultural Economics and Rural Sociology
- Robert Lawrence Borlick, B.S. in E.E. (Illinois Institute of Technology) Chicago, Ill.
Field of Specialization: Electrical Engineering
- Joann Van Dellen Bossenbroek, A.B. (Calvin College) Grand Rapids, Mich.
Field of Specialization: Mathematics
- Howard Walter Boyd, B.A. (College of Wooster) Parma
Field of Specialization: Botany and Plant Pathology
- Gary Franklin Braley, B.S. (Iowa State University) Oskaloosa, Ia.
Field of Specialization: Mathematics
- William Donald Brundage, B.S.E.E. (University of Toledo) Toledo
Field of Specialization: Electrical Engineering
- Dimite Joanne Buckley, B.Sc., M.Sc. Findlay
Field of Specialization: Chemistry
- Charles Todd Bunnell, B.E.E. Bradford
Field of Specialization: Electrical Engineering
- Denver Peeper Burns, B.Sc. in Agr. Lima
Field of Specialization: Zoology and Entomology
- Ralph Patsy Carifa, B.Sc. in Opt. Columbus
Field of Specialization: Optometry (Physiological Optics)
- William Raymond Carpentier, M.D. (University of British Columbia) Lake Cowichan, B.C., Canada
Field of Specialization: Preventive Medicine
- Vernon Leroy Connor, B.S. (University of Wyoming) Cheyenne, Wyo.
Field of Specialization: Geodetic Science
- Fernando Coronel-Torres, Ing.Agr. (Universidad de Coahuila) Culiacan, Sinaloa, Mexico
Field of Specialization: Agronomy
- Richard Howard Courtney, B.Sc. in Agr. Prospect
Field of Specialization: Agricultural Economics and Rural Sociology
- Patricia Louise Crater, B.S. (University of Illinois) Havana, Ill.
Field of Specialization: Dairy Technology
- Ralph Sanford Cunningham, B.S. in Chem.Engr. (Alabama Polytechnic Institute) Birmingham, Ala.
Field of Specialization: Chemical Engineering
- Rex Edwin Cunningham, B.Sc. in Agr. Arcadia
Field of Specialization: Agricultural Education
- Robert Franklin Cuschleg, Jr., B.S. in Elec. Engr. (University of Akron) Wadsworth
Field of Specialization: Electrical Engineering
- Ralph Richard Deakins, B.S.A.E. (West Virginia University) . . . Columbus
Field of Specialization: Aeronautical and Astronautical Engineering
- Bette Conner DeDavieess, B.S. in H.Ec. (West Virginia State College) Columbus
Field of Specialization: Home Economics
- Nualchantra Homgrailars Deema, B.S. in Ag. (Kasetsart University) Bangkok, Thailand
Field of Specialization: Botany and Plant Pathology

- Donn Allan Derr, B.Sc. in Agr..... Kenton
Field of Specialization: Agricultural Economics and Rural Sociology
- Marian Parks Dolliver, B.S. in Nurs. (Western Reserve University) Lakewood
Field of Specialization: Nursing
- Dorothy Ann Duerr, B.Sc.....Tulsa, Okla.
Field of Specialization: Physiological Chemistry
- Thelma Long Duffee, B.Sc. in Nurs.....Columbus
Field of Specialization: Nursing
- Carlos Alberto Pablo Durini, Ing. (Universidad de Buenos Aires)
 Buenos Aires, Argentina
Field of Specialization: Mechanical Engineering
- Bradford Straughn Fansler, B.S. (Drexel Institute of Technology)
 Highland Park, Mich.
Field of Specialization: Microbiology
- Tulio Romulo Figarola, M.D. (University of Havana) ..Tullahoma, Tenn.
Field of Specialization: Preventive Medicine
- David Ross Filson, B.S.Ed. (Ohio University)Lima
Field of Specialization: Microbiology
- William Fisanick, B.S. (Saint Francis College)Carrolltown, Pa.
Field of Specialization: Chemistry
- Arthur Carl Fograscher, B.Sc., M.Sc., B.Sc. in Edu.....Cleveland
Field of Specialization: Mathematics
- James Hogg Frazier, Jr., B.W.E.....Detroit, Mich.
Field of Specialization: Electrical Engineering
- *Wilmer Charles Gangloff, Jr.....Cincinnati
Field of Specialization: Physics
- Donald Edmund Grant, B.S. in Pharm. (Massachusetts College
 of Pharmacy)East Walpole, Mass.
Field of Specialization: Pharmacy
- James Simpson Green, Jr., B.S.C.E. (University of Hawaii) .. Worthington
Field of Specialization: Geodetic Science
- Thomas Leonard Grimes, B.S. in Pharm. (University of Kentucky)
 Huntington, W. Va.
Field of Specialization: Pharmacy
- Johannes Ludwig Emil Grueber, Dr. Med. (Philipps University of
 Marburg)Ludhiana, India
Field of Specialization: Pathology
- Eran Hareven, M.Sc. (Agr.) (Hebrew University, Israel) ... Haifa, Israel
Field of Specialization: Agricultural Economics and Rural Sociology
- Henry James Hatch, B.S. (United States Military Academy) Sarasota, Fla.
Field of Specialization: Geodetic Science
- Robert Noel Hayes, B.E. in C.E. (National University of Ireland,
 University College, Dublin)Dublin, Ireland
Field of Specialization: Civil Engineering
- Richard Eugene Heimlich, B.Sc. in Agr.....Attica
Field of Specialization: Agricultural Education

* Two degrees

- Keith Duane Heiniger, B.S. (Kansas State University of Agriculture and Applied Science) Seneca, Kans.
Field of Specialization: Geodetic Science
- Richard William Henley, B.Sc. in Agr..... Willoughby
Field of Specialization: Horticulture
- Frederick William Hessman, B.A.A.E..... Waterville
Field of Specialization: Aeronautical and Astronautical Engineering
- Walter Fredric Hink, Jr., B.S. in Edu. (Ashland College) Columbus
Field of Specialization: Zoology (Entomology)
- Caleb Alfanso Hull, B.A., D.D.S. (University of North Carolina)
Cherryville, N. C.
Field of Specialization: Dentistry
- Shen-Dat Ing, A.B. (Asbury College, Kentucky)
Kowloon, Hong Kong, China
Field of Specialization: Chemistry
- Ronald Ivan Jackson, B.Sc. (Eng.) (University of Witwatersand)
Johannesburg, South Africa
Field of Specialization: Civil Engineering
- Ira Munselle Kelley, B.A. (Southwestern at Memphis); M.D. (University of Tennessee) Sebring, Fla.
Field of Specialization: Preventive Medicine
- Joseph Anthony Kinzel, B.E.E..... Bremen
Field of Specialization: Electrical Engineering
- Sadao Kobayashi..... Kanagawa, Japan
Field of Specialization: Chemistry
- Richard Vincent Kocienda, B.S. (United States Military Academy)
Brooklyn, N. Y.
Field of Specialization: Geodetic Science
- Helmuth Wolfgang Kutta..... Wiesbaden, Germany
Field of Specialization: Chemistry
- Ray Curtis Ladrach, B.M.E..... New Philadelphia
Field of Specialization: Mechanical Engineering
- Myron Douglas Lair, B.C.E..... Columbus
Field of Specialization: Civil Engineering
- Donald Melvin Larson, B.A., B.S. (University of North Dakota); M.D. (Wake Forest College) Devils Lake, N. Dak.
Field of Specialization: Psychiatry
- James Eugene LaRue, Jr., B.A. (University of Texas) Houston, Tex.
Field of Specialization: Geodetic Science
- Donald Richard Leavers, B.S. (University of Notre Dame) Bay Village
Field of Specialization: Chemistry
- Carol Ann Lee, B.A. (University of Washington) Park Forest, Ill.
Field of Specialization: Chemistry
- David Webster Long, B.Sc..... Upper Sandusky
Field of Specialization: Botany and Plant Pathology
- Lorna Bailey Lorenzetti, B.Sc. in Phar..... Marion
Field of Specialization: Pharmacy
- Richard Charles Lumpkin, B.E.E. (University of Dayton) Dayton
Field of Specialization: Electrical Engineering

- Richard Curtis Lyons, B.S. (United States Naval Academy) St. Paul, Minn.
Field of Specialization: Industrial Engineering
- Richard Harvey Margolin, B.S. in Phar. (Philadelphia College of
Pharmacy and Science)..... Wilmington, Del.
Field of Specialization: Pharmacy
- Edward Henry Martin, B.E.E..... Dayton
Field of Specialization: Electrical Engineering
- Robert Lawrence McCoy, B.S. (United States Military Academy)
Bluefield, W. Va.
Field of Specialization: Geodetic Science
- Demissie Gebre Michael, B.S. (Imperial Ethiopian College of
Agricultural and Mechanical Arts)Dire Dawa, Ethiopia
Field of Specialization: Agricultural Economics and Rural Sociology
- Charles Edward Miller, B.Sc. in Agr..... Green Springs
Field of Specialization: Agricultural Economics and Rural Sociology
- *David Lee Miller, B.Sc..... Columbus
Field of Specialization: Physiology
- Lawrence Charles Mitchell, B.M.E. (Fenn College) Parma Heights
Field of Specialization: Industrial Engineering
- Parviz Monadjemi, B.C.E..... Esfahan, Iran
Field of Specialization: Civil Engineering
- James Louis Murphy, B.A. (Ohio Wesleyan University); D.D.S.... Fostoria
Field of Specialization: Dentistry
- Elgene Robert Nichols, B.S. (Kansas State University of Agriculture
and Applied Science) Dayton
Field of Specialization: Physics
- James Keith Payne, B.S., D.V.M. (Kansas State University)
Bountiful, Utah
Field of Specialization: Veterinary Preventive Medicine
- Floyd Richard Poruban, B.Sc. in Agr..... Elyria
Field of Specialization: Botany and Plant Pathology
- Donald Wayne Reeves, B.S. (University of Illinois) Chicago, Ill.
Field of Specialization: Geodetic Science
- Charles Francis Reinhardt, A.B. (Wabash College); M.D.
(Indiana University) Indianapolis, Ind.
Field of Specialization: Preventive Medicine
- Richard Clarke Reinhold, B.S. (University of Washington) .. Seattle, Wash.
Field of Specialization: Mathematics
- Daryl John Rinehart, B.Sc..... Urbana
Field of Specialization: Mathematics
- Norman Charles Rosen, B.Sc..... Cleveland Heights
Field of Specialization: Geology
- Charles Robert Rossi, B.S., D.V.M. (University of Illinois) Hillside, Ill.
Field of Specialization: Microbiology
- Herbert Schaadt, Jr., B.Sc. in Agr..... Van Wert
Field of Specialization: Animal Science

* Two degrees

- Wesley Donald Seitz, B.Sc. in Agr.....Wapakoneta
Field of Specialization: Agricultural Economics and Rural Sociology
- Howard David Shapiro, B.Sc.....Cleveland Heights
Field of Specialization: Microbiology
- William Knot Shilling III, B.S. (University of Cincinnati) Yellow Springs
Field of Specialization: Electrical Engineering
- Edward Garland Smith, Jr., B.S. (Virginia Polytechnic Institute); B.S.
(University of Utah).....Columbus
Field of Specialization: Metallurgical Engineering
- Steffen Wesley Smith, B.Sc.....Dayton
Field of Specialization: Physiological Chemistry
- William Robert Smith, B.S. (Kansas State University); D.D.S.
(University of Kansas City).....Beloit, Kans.
Field of Specialization: Dentistry
- George Heft Snyder, B.Sc. in Agr.....Granville
Field of Specialization: Agronomy
- John William Snyder, B.Sc. in Phys.....Hagerstown, Md.
Field of Specialization: Physics
- Robert Norbert Spanbauer, B.S. (Wisconsin State Teachers College,
Oshkosh).....Oshkosh, Wis.
Field of Specialization: Physics
- Russell Felix Paul Staerkel, D.D.S. (Marquette University) .Oshkosh, Wis.
Field of Specialization: Dentistry
- Bruce Baldwin Stauffer, B.Sc. in Agr.....Stone Creek
Field of Specialization: Agricultural Economics and Rural Sociology
- Duane Charles Steele, A.B. (Western Michigan College of Education);
M.A.....Clarksville, Mich.
Field of Specialization: Chemistry
- Harry Alan Stern, B.Sc.....Cleveland Heights
Field of Specialization: Mathematics
- Smith Thomas Stickley, B.Sc. in Agr.....Urbana
Field of Specialization: Agricultural Economics and Rural Sociology
- Barry Mitchell Storter, B.Sc. in Bus.Adm.; M.D. (University of Miami)
Naples, Fla.
Field of Specialization: Preventive Medicine
- *Charles Lorn Stoup, Jr., B.Sc.....Columbus
Field of Specialization: Anatomy
- Robert Anderson Sweeney, B.S. (New York State University College of
Education, Albany).....Roosevelt, N. Y.
Field of Specialization: Botany and Plant Pathology
- Roger Harold Tam, B.S.C.E. (University of Hawaii).....Honolulu, Hawaii
Field of Specialization: Geodetic Science
- Donald Wayne Thompson, B.Sc. in Agr.....Columbus
Field of Specialization: Zoology

* Two degrees

- Dennis Frank Vanderwerf, B.Sc. (Canisius College)Tonawanda, N. Y.
Field of Specialization: Physics
- Andre Normand Vanier, B.A., B.Sc.A. (University of Montreal)
 Montreal, Que., Canada
Field of Specialization: Geodetic Science
- Hernan Vega-CamposSantiago, Chile
Field of Specialization: Physics
- Robert Gustaaf Verstraete, Ing. (State University of Ghent)
 Ghent, Belgium
Field of Specialization: Electrical Engineering
- Irma Vila-PintoAntofagasta, Chile
Field of Specialization: Zoology and Entomology
- Ronald Gary Wallace, B.S. (Kent State University)Cadiz
Field of Specialization: Geology
- Raymond William Westerhold, B.S. (Southern Illinois University)
 White Hall, Ill.
Field of Specialization: Agricultural Economics and Rural Sociology
- Benjamin Co Yao, B.S.Ch.E. (Mapua Institute of Technology)
 Manila, Philippines
Field of Specialization: Chemical Engineering
- Bulent Erturk Yoldas, B.Cer.E.Ankara, Turkey
Field of Specialization: Ceramic Engineering
- Emil Nickolas Zamora, M.D., C.M. (Queens University)
 Grimsby, Ont., Canada
Field of Specialization: Psychiatry
- John Frederick Zieglschmid, B.S. (Northwestern University) ; M.D.
 (Loyola University)Evanston, Ill.
Field of Specialization: Preventive Medicine
 (One hundred and twenty candidates)

**Master of Science
 in Public Administration**

- James Philip Springer, B.Sc.Lisbon
Field of Specialization: Political Science
 (One candidate)

Master of Social Work

- John Arthur Auer, B.S. in Ed. (University of Dayton)Columbus
Field of Specialization: Social Work
- Mary Taylor Beazley, A.B. (Roosevelt College)Hamilton
Field of Specialization: Social Work
- Emma Jean Brown, B.S. in Ed. (University of Cincinnati)Cincinnati
Field of Specialization: Social Work
- Bonnie Root Ehmann, B.A. (Ohio Wesleyan University)Lockport, N. Y.
Field of Specialization: Social Work
- Carley Bea Farmer, A.B. (Taylor University)Norwood
Field of Specialization: Social Work

- Dean Leroy Farringer, B.A. (Manchester College)Lima
Field of Specialization: Social Work
- Nancy Jean Fauhl, B.Sc. in Soc.Wel.....Lima
Field of Specialization: Social Work
- Emily Schmidt Froehlich, B.S. in Nurs. (University of Cincinnati)Cincinnati
Field of Specialization: Social Work
- Gary Leon Frueauf, A.B. (University of Dayton)Dayton
Field of Specialization: Social Work
- Ruth Friedman Goldberg, A.B. (Hunter College)Cincinnati
Field of Specialization: Social Work
- Ernest Edward Linwood, B.A. (North Carolina College at Durham)Delray Beach, Fla.
Field of Specialization: Social Work
- Martha Schmitt McCarthy, A.B. (College of Mount Saint Joseph)Cincinnati
Field of Specialization: Social Work
- John Thomas Niehaus, B.S. (Xavier University)Cincinnati
Field of Specialization: Social Work
- Clifford Richard Norman, Jr., A.B. (University of Cincinnati) ...Cincinnati
Field of Specialization: Social Work
- James Baldwin O'Hora, A.B. (University of Dayton) Vestal, N. Y.
Field of Specialization: Social Work
- Roger Dean Osborn, A.B. (University of Dayton)Fairborn
Field of Specialization: Social Work
- Donald Shinji Osuga, B.Sc. in Soc.Wel..... Columbus
Field of Specialization: Social Work
- Nina Josel Packman, B.A. (University of Pennsylvania)Cincinnati
Field of Specialization: Social Work
- George Peterson, B.S.C. (Salmon P. Chase College)Cincinnati
Field of Specialization: Social Work
- Edgar G. Petry, Jr., B.S. (Manchester College)Dayton
Field of Specialization: Social Work
- William Edwin Schaffner, B.S. (University of Cincinnati)Cincinnati
Field of Specialization: Social Work
- John Robert Scherm, B.A. (Xavier University)Cincinnati
Field of Specialization: Social Work
- Mary Louise Schrock, B.A. (Goshen College)Archbold
Field of Specialization: Social Work
- Jay Richard Shilling, B.S. (Springfield College)Westfield, Mass.
Field of Specialization: Social Work
- Cleora Jeannette Smith, A.B. (Ohio University)Jeromesville
Field of Specialization: Social Work
- Joel Shepherd Snodgrass, B.Sc.....Springfield
Field of Specialization: Social Work
- Joel Peter Somerick, A.B. (Ohio University)Barberton
Field of Specialization: Social Work

Raymond O. Sumrall, B.A. (Louisiana College); B.D. (Southwestern Baptist Theological Seminary) Shreveport, La.
Field of Specialization: Social Work

Joseph Lee White, B.A., LL.B. Columbus
Field of Specialization: Social Work

Miriam Cross Wollam, B.S. (Elmira College) Columbus
Field of Specialization: Social Work

(Thirty candidates)

CANDIDATES FOR TWO DEGREES

Lyle Ellis Angene.....	Bucyrus
Master of Arts	
Bachelor of Arts (summa cum laude)	
Charles Dean Bell.....	Wooster
Bachelor of Arts	
Doctor of Medicine (cum laude)	
William Alta Cook.....	Columbus
Bachelor of Arts	
Doctor of Medicine	
Allen James Daniels.....	Lebanon
Bachelor of Arts	
Bachelor of Science in Business Administration	
Sharon Kae Downey.....	Columbus
Bachelor of Science in Education (cum laude)	
Bachelor of Music (cum laude)	
Max Wallace Flockerzie.....	Bellville
Bachelor of Science in Agriculture	
Doctor of Veterinary Medicine	
Wilmer Charles Gangloff, Jr.....	Cincinnati
Master of Science	
Bachelor of Science in Physics	
Esther Loren Grobsmith.....	Shaker Heights
Bachelor of Arts	
Bachelor of Science in Education	
Marilyn Ambrose Hixon.....	Hillsboro
Bachelor of Arts	
Bachelor of Science in Education	
James David Hopkins.....	Columbus
Bachelor of Arts	
Bachelor of Science in Education	
James Roger Kadel.....	New Carlisle
Bachelor of Arts	
Doctor of Dental Surgery	
Richard John Letvin.....	Tallmadge
Bachelor of Arts	
Bachelor of Science in Education	
Bruce Perry Meyer.....	Columbus
Bachelor of Arts	
Doctor of Medicine	
David Lee Miller, B.Sc.....	Columbus
Master of Science	
Doctor of Medicine	
Bjorn Whildin Nilson.....	Worthington
Bachelor of Arts	
Doctor of Medicine	
Edward Estel Shaffer, Jr.....	Columbus
Bachelor of Arts	
Doctor of Dental Surgery	

- Charles Lorn Stoup, Jr., B.Sc.....Columbus
 Master of Science
 Doctor of Dental Surgery
- Nancy Lee Waters.....Westerville
 Bachelor of Arts
 Bachelor of Science in Education
- Harvey Teres Weinstein.....Middletown
 Bachelor of Arts
 Doctor of Dental Surgery
- Aubrey Eugene Wyatt.....Dayton
 Bachelor of Science in Agriculture
 Doctor of Veterinary Medicine
- Gerald Marvin Yosowitz.....Shaker Heights
 Bachelor of Arts
 Doctor of Medicine
- Stephen Joseph Zaron.....Columbus
 Bachelor of Arts
 Doctor of Medicine (cum laude)

(Twenty-two candidates)

CANDIDATES FOR A DEGREE AND A CERTIFICATE

- Martha Louise Allen.....Lakewood
 Bachelor of Arts
 Certificate of Graduate Dental Hygienist
- Lee Frances Derbyshire.....Coshocton
 Bachelor of Arts
 Certificate of Graduate Dental Hygienist
- Barbara Louise Derr.....Akron
 Bachelor of Arts
 Certificate of Graduate Dental Hygienist
- Catharine Anne Frear.....Columbus
 Bachelor of Arts
 Certificate of Graduate Dental Hygienist
- Nancy Marie Rauch.....Columbus
 Bachelor of Arts
 Certificate of Graduate Dental Hygienist
- Carol Langa Sherman.....Euclid
 Bachelor of Arts
 Certificate of Graduate Dental Hygienist
- Virginia Siefert West.....Columbus
 Bachelor of Arts
 Certificate of Graduate Dental Hygienist

(Seven candidates)

COLLEGE OF AGRICULTURE AND HOME ECONOMICS

Dean: ROY M. KOTTMAN

Bachelor of Science in Agricultural Biochemistry

Michael Onyechi Modebe.....Onitsha, Nigeria
(One candidate)

Bachelor of Science in Agriculture

Albert Howell Acken, Jr.....Stow
Richard Maurice Ackley.....Guysville
David Robert Ames.....Wilmington
Clyde Fenton Archer.....Lagrange
Lonnie Ray Ashbrook.....Mt. Gilead
William Athens.....Cleveland
Larry Cloyse Ault.....Cardington
James Quentin Aylsworth.....Shreve
Marvin Eugene Aylsworth.....Shreve
Joseph Homer Belt.....Mt. Sterling
Thomas Albert Bennett (cum laude).....Conneaut
Werner Gerhard Bergen (with Distinction in Dairy Science).....Hartsville
James Edward Bernhard.....Shiloh
Bernard Bond Bible.....Columbus
David Robert Binnig.....Thompson
Dale John Blackledge.....Delaware
Ronald James Borton.....Wauseon
William Steele Brackney.....Sabina
Paul Allen Briner.....Montpelier
Donald Lawrence Broering.....Maria Stein
Thomas William Brooks.....Kettering
James Michael Cochran.....Mt. Vernon
Donald Roger Cole.....Bellefontaine
Donald Lee Conrad.....New Holland
John Richard Crunkilton.....Butler
Charles David Dix.....Urbana
John Douglas Dodd.....Chillicothe
Kenneth Edwin Dountz.....Ashville
Vincent James Ebbeskotte.....Delphos
Daniel Earl Eltzroth.....Chillicothe
Charles Richard Etling.....Lancaster
Mark Alan Evans.....Richwood
*Max Wallace Flockerzie.....Bellville
Dorothea Lenore Freitas.....Far Hills, N. J.
Robert Leroy Gallatin.....Columbus
Robert Henry Geers.....Cherry Hills, N. J.
Clarence James Goelz.....Zanesville
Roger Kenneth Gwin.....Lakeville
Douglas Ralph Harper.....Madison
Samuel Clayton Hines.....Wooster
William George Hoerger (with Distinction in Rural Sociology).....Dundee
Jerry Norman Hoppes.....Greenfield
Roger Vernon Howard.....Bloomingsburg
Ronald Leroy Howsmon.....Mechanicsburg

* Two degrees

Paul John Hudak.....	Cleveland
Walter Roger Iams.....	Caldwell
Donald Lee Isler.....	Prospect
Howard Clark Jones.....	Columbus
Robert Allen Kerr.....	Petersburg
Arnold Kenneth Kissell.....	Newark
Ronald Charles Kowalka.....	Oregon
Edwin Dale Kranz.....	Shiloh
Samuel Nelson Lapp.....	West Liberty
William Earl Lemmel.....	Ashland
Donald Louis Lindsey.....	Oxford
Samuel Max Lough.....	Springfield
Lester Clarence Marrison.....	Jefferson
Alexander Robert Martin.....	Columbia Station
Thomas Andrew McClure.....	Wapakoneta
William Frederick Meyers, Jr. (with Distinction in Animal Science)	Vandalia
Carl Lee Miller.....	Delphos
Jacqueline Kay Miller.....	Sycamore
Larry Allen Muir.....	Cortland
James Kenneth Nealon, Jr.....	Newark
Sherman Joel Needham.....	Greene, Ia.
Robert Charles Nietz.....	Wayne
Martin Albert Noel, Jr.....	Columbus
James Ferry Patterson.....	Chesterland
Lee Roy Pollard.....	Wayne
Edward Harold Rigel.....	Leipsic
John Vernon Rittenhouse.....	Hillsboro
John Charles Robinson.....	Radnor
John Daniel Rohrer.....	Orrville
Roger Lewis Rose.....	Minersville
Sharon Barbara Rosenberg.....	Cleveland
Medard A. J. Ruehle (cum laude).....	McCutchenville
Richard Fred Schulte.....	Hinckley
James Richard Siefker.....	Columbus Grove
Don Kay Skillman.....	Mechanicsburg
James Edward Stahl.....	Bucyrus
Donald Hubert Starr.....	Huntsburg
William Ronald Studebaker.....	New Carlisle
Robert John Svec.....	Avon
George David Targee.....	Kingston
Gary Wayne Townsend.....	Collingswood, N. J.
James Howard Trotter.....	East Liverpool
Charles Howard Ullery.....	Dayton
James Joseph Vorst.....	Cloverdale
Richard John Wagy.....	Pataskala
Robert Eugene Walker.....	New Vienna
Richard Mark Wasson.....	Bloomdale
Thomas Ames Wetzel.....	Dayton
William Robert White.....	Wilmington
Stephen T. Williams.....	Wilmington
*Aubrey Eugene Wyatt.....	Dayton
David Kent Yockey.....	Georgetown
Gary Ernest Zinkon.....	Fresno

(Ninety-seven candidates)

* Two degrees

**Bachelor of Science
in Food Technology**

John Lee Deppen (cum laude)	Galion
William James Hirzel	Toledo
Terry Lee Houtzer	Lima
William Bailey McBride	Columbus
Del Wayne Nirode	Wooster
William Joseph Spain	Columbus

(Six candidates)

SCHOOL OF HOME ECONOMICS

**Bachelor of Science
in Home Economics**

Mary Ada Altier	Newton Falls
Paula Karen Bennett (cum laude)	Columbus
Iola Mae Bittikofer	Bucyrus
Suzanne Grieves Blue	Sidney
Roberta Jean Boes	Cincinnati
Barbara Ann Boyd	Elyria
Clara Rapp Boynton	Portsmouth
Evelyn Marie Burky	New Philadelphia
Miriam Kay Butler (summa cum laude)	Farmdale
Rebecca Ann Campbell	New Bremen
Virginia Ann Canary	Columbus
Phyllis Roth Cantor	Columbus
Carolyn Ann Courtright	Columbus
Mary Elizabeth Craig	Middlefield
Marsha Arlene Cummings	Huron
Marion Carol Baker Davis	Leesburg
Carol Page Dochat	Akron
Nancy Marie Downs	Cambridge
Hazel Annabelle Freeman (cum laude)	Marysville
Sharon Reider Goodman	Cleveland
Susan Jane Gorton	Irwin
Rebecca Ann Graham	Columbus Grove
Rhoda Kay Griffith	Westerville
Carol Jean Gump	Columbus
Vicki Anne Guthleben	Painesville
Nancy Ellen Hartshorn	Columbus
Marjorie Maxine Helmreich	Stone Creek
Linda Mae Hess	Zanesfield
Elaine Lee Jenkins	Cadiz
Nancy Jo Kistler	Warren
Joyce LaVonn Kollar	Mt. Vernon
Karen Isabel Kukey	Bedford
Andrea Nancy Levitt	Wilmington, Del.
Patricia Knutson Lindsey	Mt. Prospect, Ill.
Christina Sandra Lisch	Euclid
Janice Marie Martin	Hebron
Toby Lee Meckler	Cleveland
Ida Lucille Mercer	Petersburg
Janice Elaine Mizer	Warsaw
Margaret Ann Mohaupt	Cuyahoga Falls
Linda Newman Molesworth (cum laude)	Columbus

Alice Mae Moseley.....Thompson
 Kay Lorraine Munz.....Burlington, Ont., Canada
 Mary Kathryn Oberst.....Summit, N. J.
 Kathleen JoAnn O'Sullivan.....Cincinnati
 Betty Ann Overturf (cum laude).....Utica
 Constance Lou Oyer.....Chillicothe
 Mary Beth Patrick.....Jewett
 Nancy Ada Powers.....Fayette
 Phyllis Irene Reed.....Urbana
 Sandra MarCotte Reed.....Fairview Park
 Judith Ball Reinke (cum laude).....Berea
 Karen Sue Riker.....Bowling Green
 Carolyn Marie Roehm.....Dayton
 Katherine Ann Ryan.....Columbus
 Marilyn Joyce Sanderson.....Sylvania
 Lydia Edith Schaurer.....Arcanum
 Phyllis Ruth Schlonsky.....Columbus
 Emily Sarah Sedgwick.....Lakewood
 Carolyn Strait Shofner.....Galloway
 Bonnie Sue Slaughter.....Troy
 Sandra Lee Smith.....Canal Winchester
 Stephanie Ann Stein.....Columbus
 Anita Jean Stone.....Columbus
 Roberta Rittenhouse Stuckey.....Defiance
 Eleanor Ruth Swartz.....North Canton
 Sondra Kay Tagg.....Croton
 Barbara Ann Thieringer.....Columbus
 Gertrude Edna Thurston.....Ashley
 Nancy Zurcher Tinsler.....Columbus
 Martha Ann Topp.....New Bremen
 Joanne Marie Whitacre.....New Carlisle
 Susan Dee Zarle.....Orrville

(Seventy-three candidates)

**Bachelor of Science
in Restaurant Management**

Beatrice Louise Lyon.....Newark
 James Gearard Stout.....Alliance

(Two candidates)

COLLEGE OF ARTS AND SCIENCES

Dean: J. OSBORN FULLER

Bachelor of Arts

Paul Alexander (with Distinction in Political Science)	Brooklyn, N. Y.
David Frederick Alkire	Northfield
†Martha Louise Allen	Lakewood
Charles Everett Allison	Lancaster
Clarence Oscar Anderson, Jr.	Columbus
Laurie MacAdam Anderson (cum laude)	Cleveland
*Lyle Ellis Angene (summa cum laude)	Bucyrus
Sandra Elaine Arnoff	Cleveland
Damon Floyd Asbury	Madison
Margaret Francis Aylesworth	Cincinnati
Walter Edward Bakle	Toledo
Douglas Earl Bash	Columbus
*Charles Dean Bell	Wooster
Maida Gail Benisch	Brooklyn, N. Y.
Nancy Jane Beran	Euclid
Barbara Frances Berlin	Camden, N. J.
Rosalyn Lee Biederman	Shaker Heights
Michael James Bilette	Kettering
Judith Marie Billman	Pittsford, N. Y.
Ann Cecelia Bilobrowka	St. Johnsville, N. Y.
Michael Craig Blackstone	Camp Hill, Pa.
William Parker Blair	Canton
Carol Sue Boehme	Lakewood
Gloria Camille Booth	Amsterdam
Charles Vance Brand	Woodstock
Jonathan Spencer Bray	Albany, N. Y.
Dale Craig Brown	West Milton
Betty Jean Burkes	Malvern
Margaret Anne Calkin	Fremont
Bruce Lee Cameron	Columbus
Christopher Rudolph Carlson	Port Chester, N. Y.
James Lowen Carlson	Washington, D. C.
Judith Kay Carter	Springfield
Randall Holmes Casey	Muncie, Ind.
Stuart Jay Chaskes	Freeport, N. Y.
Gerald Lawrence Chestler	Cleveland Heights
Mara Cirulis	Columbus
Penelope Dawn Clark	Columbus
Forrest Michael Claypool	Columbus
Sherrill Ann Cloud	DeGraff
Charles Martin Cogen	Valley Stream, N. Y.
Blaine Harris Conrad, Jr.	Akron
*William Alta Cook	Columbus
Charles Nicholas Costakos	Cuyahoga Falls
Richard Sumner Cottingham	Columbus
William Floyd Crandell	Sylvania
Thomas Harold Cree, Jr.	Columbus
John Howard Curry	Fostoria
John William Dahmus (cum laude)	State College, Pa.
*Allen James Daniels	Lebanon

* Two degrees

† Degree and certificate

Judith Ann Davison.....	Columbus
Robert Lee Day, Jr.....	Bay Village
Donna Marie DeCessna.....	Columbus
James Rader Deegan.....	Columbus
†Lee Frances Derbyshire.....	Coshocton
†Barbara Louise Derr.....	Akron
Susan Lee Deutch.....	Forest Hills, N. Y.
John Frederick Dickinson II.....	Oberlin
Don Harold Didcoet.....	Troy
Susan Lois Diehl.....	Dayton
James Perry Diendl.....	Lakewood
David Allan Dilger.....	Richwood
Boris Curt Donbergs.....	Cleveland
Ronald Donn.....	Springfield
Stuart F. Dritz.....	Euclid
Judith Ellen Duffey.....	Columbus
Ludwig Thomas Dulka.....	Chardon
Kenneth Thomas Dunham.....	Columbus
Charles Gary Echelbarger.....	Findlay
James Emerson Eckstein.....	Crestline
Dorothy Jean Elk.....	Orwell
Jean Ann Ellis.....	Alger
Nelson Robert Embrey II.....	Lancaster
Stephen Douglas Enz.....	Worthington
Coral Ann Evans.....	Newark
Harold Ellsworth Everling, Jr.....	West Portsmouth
Susan Kay Ewart.....	Utica
Richard Earl Fahrenz.....	Binghamton, N. Y.
Raymond Lee Fahrmeier.....	Cincinnati
Elizabeth Jeanmary Fields.....	Ashtabula
John Carl Fitzgibbons.....	North Olmsted
Deanne Brooke Fitzpatrick.....	Canton
Alva Anne Flynn.....	Danville, Ill.
Sylvia Elaine Foreman.....	Columbus
Alice Millhone Fountain (cum laude).....	Columbus
†Catharine Anne Frear.....	Columbus
John Homer Frye.....	Mansfield
Thomas Eugene Frye.....	Cleveland
Carolyn Sue Galbraith (cum laude and with Distinction in Psychology)	Columbus
Marianne Louise Gatewood.....	Columbus
David Lee Gelbaugh.....	Springfield
William Earl Gibbs.....	Pomeroy
William Richmond Gillam, Jr.....	Columbus
David Franklin Gilmer.....	Springfield
Jeffrey Mitchell Glenn.....	Toledo
Allen Robert Glick.....	Pittsburgh, Pa.
Allan David Goldfarb.....	Albany, N. Y.
Lois Ellen Goldstein.....	Shaker Heights
Mark Sheldon Goldstein.....	Cleveland Heights
Roger Newker Gray.....	Bucyrus
Thomas Morgan Gray.....	Columbus
John Robert Greenleaf.....	Rocky River
John Wilbur Gregg.....	Dayton
Walter William Grelle.....	Columbus

† Degree and certificate

Joan Alison Griffin..... Columbus
 *Esther Loren Grobsmith..... Shaker Heights
 Charles Joseph Gross..... Columbus
 Ronald Lee Haas (cum laude and with Distinction in History)..... Toledo
 David Eugene Hagan..... Columbus
 Marian Lee Haines..... Steubenville
 Lynn Hanson Hampshire..... Columbus
 Lee Ellen Hanna..... Napoleon
 Sharon Lee Hatfield..... Dayton
 Dennis Cornelius Hayes..... Columbus
 Barbara Louise Hicks..... Columbus
 *Marilyn Ambrose Hixon..... Hillsboro
 Carole Holmes..... Cincinnati
 John Thomas Holmes..... Jamestown, R. I.
 Richard Edward Honicky..... Chagrin Falls
 Patricia Anne Hooge..... Columbus
 *James David Hopkins..... Columbus
 Ralph David Horn..... Dayton
 Bess Horwitz..... Shaker Heights
 Jerry MacArthur Hultin..... Owosso, Mich.
 Patricia Cazier Hutchins (summa cum laude and with Distinction in
 History)..... Worthington
 Judith Kay Hyman..... Cincinnati
 Donald Winston Jacob (cum laude)..... Shaker Heights
 John Arthur Jewett..... Delaware
 Larry Lee Johnson..... Bucyrus
 Rodney Gardner Johnson..... Fairborn
 Allan Herron Jones..... Marietta
 Lawrence Jones..... Washington, D. C.
 James Alton Jordan..... Hillsboro
 *James Roger Kadel..... New Carlisle
 Judith Karen Kaplan..... Chevy Chase, Md.
 Eugene Jeffery Katz..... Elyria
 Mark Edward Kaufman..... Youngstown
 Liena Rode Kaugars..... Toronto, Ont., Canada
 Phillip Craig Kays..... Columbus
 John Eugene Keck..... Cincinnati
 Ralph Frederick Keister..... Wooster
 James Alan Kepler..... Columbus
 Quentin Charles Kerr..... Warren
 Guat Hoon Khaw..... Penang, Malaya
 Hamlin Caldwell King, Jr..... Springfield
 Morton Lehman Kinnaird..... Loveland
 Marta Jean Knott..... Huron
 Ronald Laymon Kocher..... Dayton
 Linda Gail Kramer..... Berea
 Lorine Ellen Kritzer..... West Orange, N. J.
 Valentin Kuzminec..... Cleveland
 John James Langham..... Maple Heights
 Mark Allen Lapine..... Mansfield
 Dennis Ashley Laskin..... Charleston, W. Va.
 Genevieve Marie Latell..... Girard
 Ronald Joseph Lebjo..... Youngstown
 Melanie Lehmann..... Hamilton
 Judith Lynn Leis..... Springfield
 Harry Nelson Lembeck..... New Haven, Conn.

* Two degrees

Alan Edward Lemke.....Colonial Heights, Va.
 *Richard John Letvin.....Tallmadge
 Louis Hyman Levine.....Bronx, N. Y.
 Gayle Ann Lewis.....Cincinnati
 Douglas Jennings Lint.....Columbus
 Hedda Ann Litowitz (cum laude).....Cleveland
 Richard Max Lowden.....Columbus
 Harvey Irwin Luchans.....Lyndhurst
 Catherine Elizabeth Maidment.....Niagara Falls, N. Y.
 Stewart Irwin Mandel.....Cleveland Heights
 Mary Lee Martin.....Columbus
 Robert Stanley Martin.....Springfield
 Kerri Suzanne May.....Brooklyn, N. Y.
 Michael Allen Mayhew.....Bethesda, Md.
 Shannon Kathryn McCarthy.....Toledo
 Jeannette McCullough.....New York, N. Y.
 Patrick Martin McGrath.....Grand Blanc, Mich.
 James Edwin McIlvain.....Lakewood
 Raymond Arthur McIver.....Columbus
 Marcia Lipson Meckler.....Columbus
 *Bruce Perry Meyer.....Columbus
 Frederick James Milligan (cum laude).....Westerville
 Clyde David Morris.....Youngstown
 Richard Logan Morter.....Kettering
 Muhammed Hemed Nassor.....Wete, Pemba, Zanzibar
 Richard Joseph Neff.....Bucyrus
 David Jay Neustadt.....Shaker Heights
 *Bjorn Whildin Nilson.....Worthington
 William Leo Ochsenwald.....Columbus
 Sheldon Lloyd Ocker.....Akron
 Jerry Trenton Oney.....Norwalk
 Kenneth Harold Oring, Jr.....Elyria
 Sanford Sidney Paris.....South Euclid
 Bohdan Yaro Paschyn.....Lorain
 David Boyd Payne.....Columbus
 William Howard Pearlman.....Shaker Heights
 Avram Ellis Pearlstein (cum laude).....Youngstown
 Randall William Pees.....Wauseon
 Kim Thomas Peterson.....Kewaskum, Wis.
 William Charles Pflaum.....Columbus
 Lee Patrick Phelan.....Reynoldsburg
 Charles Herbert Pierce.....Bath, Me.
 John Frederick Plaggemier.....Euclid
 Michael Francis Plunkett.....Waverly
 Ann Louise Polster.....Columbus
 Andris Gundars Priede.....Worthington
 Arija Putnins.....East Cleveland
 Thomas Harry Quigley, Jr.....Norwood
 †Nancy Marie Rauch.....Columbus
 Charles Robert Rhea.....West Portsmouth
 Irene Roberta Ribyat.....Utica, N. Y.
 Gary Martin Rich.....New Philadelphia
 Raquel Rieur.....Lawrence, N. Y.
 Robert David Ritzhaupt.....Galion
 Barry Gilbert Roderman.....Port Jervis, N. Y.
 Jo Anne Rohrbough.....Dayton

† Degree and certificate
 * Two degrees

Thomas Jefferson Rosen.....Poughkeepsie, N. Y.
 Melvin Andrew Ross.....Columbus
 Larry Lee Rutherford.....Sarahsville
 Susan Doris Ryan.....Westfield, N. Y.
 Leslie Lee Sauer.....Helena
 Mark Curran Schaffer.....Toledo
 Virginia Louise Schottin.....Buffalo, N. Y.
 Almut Schroeer.....Enon
 Maxa Schutzbank.....Brooklyn, N. Y.
 Lee Joseph Schwartz.....Cleveland Heights
 Philip Jay Schwartz.....Columbus
 Barbara Ann Schwerin.....West Orange, N. J.
 Dennis Martin Seaman.....Cleveland
 Helena Theresa Sekular, B.Sc. in Edu.....Lorain
 Marilyn Ina Seltzer.....Brooklyn, N. Y.
 JoAnne Settles (cum laude).....Columbus
 *Edward Estel Shaffer, Jr.....Columbus
 †Carol Langa Sherman.....Euclid
 George Timothy Simon.....Maple Heights
 Richard Lyle Simpson.....Columbus
 Victoria Jean Skidmore (with Distinction in Psychology).....Cincinnati
 Marian Jean Smith.....Columbus
 Robert William Smith (cum laude).....Mansfield
 Antoinette Snead.....Bay Village
 Michaele Jean Snyder.....Coraopolis, Pa.
 William Nicholas Sokol, Jr.....Akron
 Joan Ingham Spalding.....Toledo
 Cynthia Russell Sterling.....Cleveland
 Lee Howard Sternheimer.....Shaker Heights
 Sally Jane Stirgwolt.....Wadsworth
 Philip Winston Stockton.....Bowling Green
 Kenneth Richard Stone.....Laguna Beach, Calif.
 Laurence Edward Sturtz.....Floral Park, N. Y.
 Carleton Lewis Taylor III.....Tamaqua, Pa.
 Rudolph John Tekaucic.....Barberton
 Richard Joseph Terrill.....Columbus
 David Arthur Thomas.....Canton
 Jerry Vangel Thomovsky.....Elyria
 Geoffrey Robert Thompson.....Port Clinton
 Janet Pound Thompson (cum laude).....Columbus
 John Clarence Thorne.....Youngstown
 Pamela Jane Thorp.....Columbus
 Lois Judith Tishkoff.....Cleveland
 David Merrill Treadwell.....Columbus
 Timothy Joseph Ucker.....Columbus
 Catharine Geiger Urick (cum laude).....Troy
 Valerie Vanaman.....Alliance
 Paul Terry Vance.....Reynoldsburg
 Sheila Marie Voris.....Dayton
 Patricia Ann Vukovich.....Youngstown
 Eric Armin Wagner.....Bedford
 Gary Peter Waldhorn.....Elmhurst, N. Y.
 Jacqueline Ruth Warner.....Perrysburg
 *Nancy Lee Waters.....Westerville
 Linda Stamm Watkins.....Cleveland Heights

* Two degrees

† Degree and certificate

Peter Kirk Watt.....	Rockville, Md.
*Harvey Teres Weinstein.....	Middletown
Thomas Henry Welch.....	Lima
Ronald James West.....	Youngstown
†Virginia Siefert West.....	Columbus
William Patton Wheeler.....	Columbus
Sara Marilyn Wice.....	Atlanta, Ga.
Janice Arlene Wichterman.....	Columbus
Charles John Wilhelm.....	Glenview, Ill.
John Robert Wilhelm.....	Columbus
Cloyd David Wilson.....	Columbus
Victor Wendell Winkler.....	Columbus
Larry Kenneth Wright.....	Brookville
Barbara Ellen Wunder (cum laude).....	Rochester, N. Y.
*Gerald Marvin Yosowitz.....	Shaker Heights
Dianne Jeanne Young.....	Columbus
Ivars Zageris.....	Columbus
*Stephen Joseph Zaron.....	Columbus
Theodore Bohdan Zawolowycz.....	Cleveland
Norman Wesley Zierhut.....	Columbus
Jan Howard Zimmerman.....	Fairborn
Michael Jay Zimmerman.....	Columbus
Linda Ann Zufall (cum laude).....	Wooster

(Two hundred and ninety-three candidates)

Bachelor of Science

Sharon Gayle Abbott.....	Columbus
William David Adams.....	New Concord
Michael Dean Alexander.....	Columbus
Charles Gerald Allen.....	Urbana
Herbert Allen Asch.....	Lorain
Ted Gary Avner.....	Gallipolis
Raymond Balsys.....	Stow
William Edwin Bartels, Jr.....	Northport, N. Y.
Victor Hiram Bazzoli.....	Canton
Sanford Philip Benjamin.....	Cleveland
Robert Harding Blinn, Jr.....	Euclid
Leonard Barry Block.....	Columbus
Donald Herbert Bloom.....	Columbus
John Wanamaker Born (cum laude and with Distinction in Zoology).....	Akron
James Norton Broock.....	Springfield
Dorothy Jean Brown.....	Cleveland
Jo Carol Brown.....	Columbus
Judith Ellen Brushwood.....	Coshocton
Kenneth Warren Bucher.....	Parma Heights
David Richard Burley.....	Crooksville
Allan Leo Cage.....	Columbus
Charles Edwin Campbell (cum laude).....	Columbus
Harold Edwin Chafin.....	Columbus
Douglas Brent Clark.....	Chillicothe
Robert Lynn Cohrs.....	Napoleon
Allan Leslie Combs.....	Galena
Charles Edward Cottrell.....	Wapakoneta
Virgil Hemmons Curry.....	Louisville, Ky.

* Two degrees

† Degree and certificate

George Ernest Dambach.....Worthington
 James Clarence Darnier.....Adamsville
 Stephen Lee Deardourff.....Greenville
 Frederick Joseph Dickey (summa cum laude).....Westerville
 Ronald Erwin Dolinsky.....Cleveland Heights
 Bradley Harris Dowden.....Columbus
 John Warren Downing.....Bucyrus
 Edmund Joseph Durkin.....Cleveland Heights
 Herbert Barnard Eagon, Jr.....Delaware
 Theodore Frank Ebner.....Lafayette
 Diana May Eby.....West Liberty
 Carl Spencer Eisenberg.....Euclid
 Dennis William Enright.....Barberton
 John William Erkert II.....Toledo
 Victor Michael Fabish.....Columbus
 Larry Lee Fisher.....Wilmington
 Judith Karen Fitch.....Lakewood
 Jon Alvin Fitzenrider.....Bryan
 John Patrick Flanagan.....Columbus
 Marvin Edward Fogel.....Lancaster
 Anthony George Hocks Folliss.....Columbus
 Rodney Noah Foster.....Cleveland
 Lawrence Elwood Frank.....Bellevue
 Barry Alan Friedman.....Columbus
 Wilmer Kenichi Furuta.....Columbus
 Marjorie Linda Gallin.....Mayfield Heights
 John William Garwood.....Fairfax, Va.
 David Lee Geiger.....Dayton
 Dixon William Gerber.....Dayton
 William Allen Gintling.....Akron
 James Harold Girkins.....Toledo
 Joel Henry Goldberg.....Scarsdale, N. Y.
 Jack Frederick Hamilton.....Washington C. H.
 Morton Paul Hansen.....Columbus
 Thomas Howard Hartranft.....Columbus
 Shirley Ann Hatfield.....Dayton
 Richard Leigh Hawkins.....Lorain
 Ellen Patricia Hennessey.....Columbus
 Margaret Elizabeth Hetzel.....Augusta, W. Va.
 Connie Sue Hill.....Lancaster
 Charles Edwin Hina, Jr.....Mayfield Heights
 Arden Luther Hothem.....Wooster
 Clayton Edward Howerton.....Knoxville, Tenn.
 Bruce Joseph Ianetta (cum laude).....Cleveland
 Eleanora Roberta Iberall.....Cleveland
 Kenneth John Irwin.....Columbus
 James Darryl James.....Vienna
 Frank Joseph Jerome, Jr.....Lakewood
 Daniel Lewis Jones.....Columbus
 Tad Harbison Koch (summa cum laude).....Mt. Vernon
 Clarence John Kofron.....Lakewood
 James Sigmund Kohner.....Shaker Heights
 Judith Ann Konecsni.....Cleveland
 Gerald Franklin Koser.....Sandusky
 Frederick Joseph Krock.....Kenton
 Jerome Edward Kurent.....Independence

Melvyn Philip Scolnick.....	Willowick
Salvatore Vincent Sidoti.....	Bellevue
John Virgil Siebert.....	Vermilion
Roger Alan Sievers.....	Rocky River
Lawrence Allen Singer.....	Springfield
Roger Matthew Singer.....	Great Neck, N. Y.
John David Sixt.....	East Liverpool
Phyllis Gail Slough.....	Middletown
Raymond Hagerman Smith (cum laude).....	Bloomfield Hills, Mich.
John Arthur Snyder.....	Columbus
Stephen A. Solomon.....	Elyria
David Rees Sperry.....	Newark
Robert Paul Spitz.....	Cleveland
Richard Elwood Spyker.....	Lima
John Philip Tankovich.....	Columbus
Michael Richard Taradash.....	Youngstown
Virginia Ann Terpay.....	Hyattsville, Md.
Frederick Jay Tompkins.....	Columbus
Russel Lord Tracy.....	Columbus
Eugene Joseph Tricarico.....	Lyons, N. Y.
Barbara Carol Troendly.....	Bowling Green
Gary Wood Troutman.....	Toledo
David Alan Walker.....	Parma
Roger Alan Weiss.....	Cleveland Heights
James A. Wells.....	Orrville
Howard Spencer Wharton.....	Ashland
Roger Dean White.....	Shelby
Elzworth Chester Wiesenmayer.....	Wapakoneta
James Larsen Worthley.....	Westlake
Wayne Paul Yingling.....	Massillon
Frank Joseph Zahler.....	Huntsburg
Stephen George Zahony.....	Cleveland
Bonnie Louise Zavortink (summa cum laude and with Distinction in Psychology)	Ravenna

(One hundred and seventy candidates)

**Bachelor of Science
in Medical Technology**

Nancy Gourley Blair.....	Youngstown
Mary Louise Costantini.....	Cleveland
Peggy Ann Harris.....	Shaker Heights
Linda Lou Johnson.....	Bucyrus
Rebecca Ruth Rainier.....	Canal Winchester
Cynthia Sue Ream.....	Novelty
Kay LaVerne Ryan.....	Byesville
Joan Francine Tekaucic.....	Barberton

(Eight candidates)

**Bachelor of Science
in Physical Therapy**

Suzanne Arnold.....	Troy
Barbara Adeline Barry.....	Dayton
Christine Ann Beisner.....	Tiffin
Janet Louise Biller.....	Mt. Jackson, Va.
Peggy Kumler Bogart.....	Vermilion
Ann Wallace Brunswick.....	Willoughby
Anthony Dennis Certo.....	Jamestown, N. Y.

Nellie Elizabeth Close.....	Union, Mo.
Mary Jane Culbertson.....	Covington, Ky.
Carol Blum Curtiss.....	Columbus
Patricia Ann Dinga.....	Plymouth Meeting, Pa.
Nancy Elizabeth Ebright.....	Columbus
Carolyn Therese Farkas.....	Hudson
Donald Ray Foltz.....	East Canton
Amy Lois Goldsmith.....	Shaker Heights
Jacqueline Kay Hettrick.....	Lexington, Ky.
Rita Greer Krasny.....	Marysville
Mary Ann Lykken.....	Springfield
William Leonard Musser.....	Westerville
Diane Patricia Nichols.....	North Olmsted
Jasper Newton Pharr.....	Cincinnati
Mary Lou Reul.....	Cincinnati
Marjorie Jo Rheinscheld.....	Logan
Virginia Ernestine Rogers.....	Cleveland
Elaine Phyllis Rosenberg.....	Atlanta, Ga.
Sandra Jean Smith.....	Martins Ferry
Suzanne Smith.....	Peebles
Julie Ortman Sutphen.....	Dublin
Patricia Ann Sutton.....	Barberton
Donald Otho Tootle.....	Chillicothe
John Clarence Trittschuh.....	Versailles
Ralph Richard Wittenbrook.....	Amherst

(Thirty-two candidates)

SCHOOL OF JOURNALISM

Bachelor of Arts

Frank William Anzinger.....	Springfield
Sandra Jeanne Arter.....	Perrysburg
Elfrieda May Ayle.....	Xenia
Charles Lee Bell.....	Avon Lake
Thomas Glenn Buckham, Jr.....	Mt. Vernon
Leonard Downie, Jr. (with Distinction in Journalism).....	Cleveland
Sarah Elizabeth Evans.....	Mansfield
Pearlann Gulden.....	Atlanta, Ga.
Susan Lynne Harman.....	Columbus
Jean Shirley Heller.....	Warren
Roger Durrel Knott, Jr.....	Columbus
Kenneth Robert May.....	Mansfield
Diana Frances Morse.....	North Beach, Md.
Frederick William Papay.....	Fairview Park
Georgia Margaret Paul.....	Canton
Jane Eleanor Schneider.....	Cincinnati
Carol Ann Sopinski.....	Canton
Robert Alan Steinberg.....	East Liverpool
Daniel James Swillinger.....	Cincinnati
Martha Frances Timura.....	Cleveland
Richard Alan Widows.....	Cleveland

(Twenty-one candidates)

SCHOOL OF OPTOMETRY

Bachelor of Science in Optometry

John Newton Allen, Jr.	Wilmington
Donald LeRoy Bader	Mt. Gilead
Jerome Martin Benkel	Dayton
James Cooke Bieber	Columbus
Larry Martin Bloom	New York, N. Y.
Kenneth Andrew Boyle, B.S. (Ohio University)	Richmond Heights
William Burnett Campbell	Columbiana
Jerry Lee Christensen	Worthington
Palmer Robert Cook, B.Sc.	Minerva
Nicholas James Donch	Albion, Pa.
David Harry Eberhart	Columbus
Martin Glassman, B.S. (University of Cincinnati)	Cincinnati
Douglas Neil Heinze	Mulliken, Mich.
Gary Alferd Hyde	Bristolville
Vincent Mervin King	Charlotte, Mich.
James Lester Kuhlman	Dayton
Robert Prine Liggett	Ripley
Robert Milton Marquard	North Muskegon, Mich.
Robert William Moore	Fostoria
Ronald Stuart Rocco	Canton
Roy A Schlabach, B.Sc. (cum laude)	Charm
Louis Anthony Shovels	Pontiac, Mich.
David Lenard Smith, B.Sc.	Lancaster
Robert Hunter Sunkle, A.B. (Wittenberg University)	Cleveland
Glenn Alan Toth	Cleveland
James Lance Wight	Wellington
Isadore John Youshak	Huntsburg

(Twenty-seven candidates)

COLLEGE OF COMMERCE AND ADMINISTRATION

Dean: JAMES R. MCCOY

Bachelor of Science in Business Administration

Leland Dale Adams, Jr.	Columbus
Ralph David Amiet (cum laude)	Apple Creek
Leslie Herbert Apple	University Heights
George John Arnold	Rocky River
Paul Thomas Baehr	Columbus
Philip Michael Baehr	Columbus
Richard Michael Bahr	Bexley
Kennard Percival Balme, Jr.	Alexandria, Va.
John Roger Barnes	Uhrichsville
Martin Earl Batross (cum laude)	Zanesville
Robert Allen Bechtel	Elyria
David Allen Beebe	Parma
Paul Christy Belhorn	Columbus
Ted John Bembenek, Jr.	Curundu, Canal Zone
Sue Ellen Berndt	Portsmouth
Jerry William Bliley	Union City, Pa.
Richard Wilson Borel	Dublin
John Robert Bosen	Columbus
Peter Phillip Botsakis (cum laude)	Cleveland
Charles William Branson	Toronto, Ont., Canada
John Daniel Brewer	Columbus
Paul Leo Brunswick	Greenville
Stephen Hoyt Buckingham	Upper Sandusky
Kenneth George Burdell	Charleston, W. Va.
Melvyn Irwin Burk	University Heights
James Terry Burkey	Millersburg
Donald Weston Burton	Columbus
Bailey William Bush	Columbus
Judith Ellen Campbell	Columbus
Howard Taft Canfield, Jr.	Columbus
Donald Carson	Chillicothe
Ronald Ray Casteel	Worthington
David Joseph Cattey	Lima
Jeffrey Herbert Ceppos	Far Rockaway, N. Y.
Joseph Anthony Chinnici, Jr.	Parma
Sondra Ann Clapp	Celina
Ronald James Clark	Farmington, Mich.
James Michael Clouse	Columbus
Sanford David Cohen	Middletown
George Avery Collins, Jr.	Vandalia
Thomas Young Conger	Columbus
Harry Paul Criss, Jr.	Mansfield
David William Crist	Columbus
James David Croft	West Liberty
*Allen James Daniels	Lebanon
John Theodore Danylyk	Cleveland
Dennis Gilbert Davis	Otway
Harvey Alan Davis	Cleveland
Neill Tison Dimmick	Lakewood
James Edgar Dodd, Jr.	Sidney

* Two degrees

Herbert Steven DuCovna.....Cincinnati
 Lennis Mack Duncan.....Toledo
 Stuart Allen Eisenberg.....Shaker Heights
 Warren Keith Emptage.....LaRue
 James William Erickson.....Westlake
 John Russell Ezzell.....Columbus
 Jack Lee Farsht.....Lima
 Diane Lois Feldinger.....Winnetka, Ill.
 Mark Donald Fishman.....Beachwood
 James Robert Ford.....Huron
 Paul David Frankel.....Toledo
 Granville James Frasher.....Newark
 Steven Theodore Galle.....Scarsdale, N. Y.
 James Manuel Galvez.....Sacramento, Calif.
 James Earl Gates.....Reynoldsburg
 Mark Howard Goldberg.....Ventnor City, N. J.
 Ronald Lawrence Goldman.....Los Angeles, Calif.
 Alan I Goodman.....University Heights
 Hy Sheldon Gordon.....Cleveland Heights
 Howard Groh.....Kettering
 James Gusty.....Blue Island, Ill.
 Gerald Ellis Haney.....Elyria
 Paul Edward Hardcastle.....Cincinnati
 Max Brown Hardy, Jr.....Leesburg, Ga.
 James Harris Harman.....Canal Winchester
 Bruce Douglas Harmon.....Columbus
 Donald Gene Hauser.....Marysville
 Neil Dennis Heikkila.....Cromwell, Minn.
 Ralph Kenneth Henricks (cum laude).....Jackson, Calif.
 Frederick William Hill.....Cleveland
 James Scott Hill.....Amarillo, Tex.
 William Ripley Hinshaw.....Washington, D. C.
 Ned William Hoge.....New Knoxville
 Jeffrey Lynn Holden.....University Heights
 John Edward Hollender.....Massillon
 Thomas Ashley Holton.....Dayton
 Raymond Elmer House.....Eastlake
 Timothy John Howard.....Lakewood
 Kenneth Dayle Ireland.....Galion
 John James Jablonski.....Elyria
 Larry Allen Jackson.....Cincinnati
 Langley Bruce James.....Columbus
 Charles Haddon Jones, Jr.....Cincinnati
 Charles Robert Jones.....Hamilton
 Maurice Howard Kastner.....Sidney
 Christopher Robin Kern.....Columbus
 William Presley Kilgore, Jr.....Fayetteville, N. Y.
 David Lawrence Kirek.....Akron
 Paula Jean Kirklng.....Columbus
 Lee Norman Kisor.....Bucyrus
 John Alexander Kissh, Jr.....Mansfield
 Jerry Lee Knappenberger.....Newark
 Aldis Marshall Knight.....Edon
 Charles Lee Knoop.....Sidney
 Patrick Edward Langford.....Columbus
 Ralph Meredith LaPorte, Jr.....Uhrichsville

Stephen Howard Latz.....Massapequa, L.I., N. Y.
 Aaron Jay Leventhal.....Cleveland Heights
 John Arthur Lowry.....Columbus
 Ronald Zale Lubeach.....Lima
 Joseph Robert Malaney.....San Diego, Calif.
 Howard Barry Maniker.....Cleveland Heights
 Robert Pundt Markey.....Lewisburg
 Roy Markle.....Harrison, Ark.
 Donald Elman Martinez.....Springfield, La.
 Jeffrey Allen McCrabb.....Trotwood
 John Livingstone Mead, Jr.....Columbus
 Diane Jacqueline Mendel.....Akron
 Victor Davis Merullo.....Columbus
 Billy James Middlebrook.....Burleson, Tex.
 Bernard Keith Miller.....Coshocton
 Michael Theodore Miller.....Columbus
 James Franklin Monnett.....Buckeye Lake
 Leroy Noble Montgomery.....Sandusky
 Herff Leo Moore, Jr.....San Antonio, Tex.
 Maurice Jerry Moore.....Columbus
 Richard Hall Moore.....Cincinnati
 David James Morris.....Stamford, Conn.
 Thomas Allen Morrison.....Strathmore, Calif.
 Alan Morton.....Gahanna
 Peter James Musci.....Bellaire
 Joseph Narbut, Jr.....Carbondale, Pa.
 Russell Stanley Natherson.....Cleveland
 Larry Allen Nichols.....Mansfield
 John Edward Nicholson.....Columbus
 James Walter Nichter.....Logansport, Ind.
 David Merrick O'Keefe.....Delaware
 James Francis Osborne II.....Columbus
 Panayotis Fernahue Pappas.....Zanesville
 Ilona Margaret Parsch.....Cleveland
 Stuart Nelson Parsons (cum laude).....Johnstown
 Ronald Eugene Patterson.....Columbus
 Bonnie Curran Patton (cum laude).....Baltimore, Md.
 Jerry Vaughn Patton.....Lorain
 John David Pelton.....Columbus
 Joseph Norton Perlman.....Toledo
 Leonard George Piech.....Jefferson
 David Plata.....Brooksville, Fla.
 Dennis Mark Polisner.....Shaker Heights
 Howard Polster.....Cleveland
 John Ryder Poole II.....Columbus
 Douglas Lynn Price.....Findlay
 Richard Alan Price.....Dayton
 Jeffrey Roland Reid.....Parma Heights
 Guy Eugene Renfro, Jr.....East Greenwich, R. I.
 Baiba Folkmanis Reynolds.....Yellow Springs
 Charles Elda Rittenhouse.....Conneaut
 Ronald Michael Robinson.....Southampton, N. Y.
 William Joseph Rohleder.....Wichita, Kans.
 Beverly Fern Rosenmutter.....Chicago, Ill.
 Kenneth Leroy Rowland.....Jeromesville
 Raymond William Schaffer.....Cincinnati

Harry Angus Schermer.....	Youngstown
Donald Ivan Schiefer.....	Bucyrus
I. Howard Schlezinger.....	Columbus
Douglas Allan Schmahl.....	Romulus, N. Y.
John William Schneider.....	Custar
James Lee Schorr.....	Columbus
Harry Paul Schwitzgebél (cum laude).....	North Canton
David Leslie Searfoss.....	Harrod
David Jerome Sheehy.....	Columbus
Gerard Francis Skruck.....	Hubbard
Daniel Michael Slane.....	East Paterson, N. J.
John Allen Snoble.....	Elyria
James Edmond Spiegel.....	Bucyrus
Larry Charles Stemen.....	Pickerington
Craig Myers Stewart.....	Columbus
Roger Reece Stough.....	Findlay
Thomas Edward Stover.....	Columbus
James Herbert Strock.....	Poland
Michael Francis Daniel Sullivan.....	Columbus
David Alan Sutton.....	Newark
William Chandler Swope.....	Welch, W. Va.
Karl David Tritsch.....	Columbus
James Edward Trogus.....	Canal Winchester
Dennis Joseph Trombly.....	Millerton, N. Y.
Jerry Miles Tulga.....	Columbus
Donald Thomas Voris.....	Newark
Leslie Kermit Wagner.....	Mansfield
Stephen Owen Walcutt.....	Worthington
Wayne Douglas Walk.....	Tralee, W. Va.
David Carl Washburn.....	Columbus
William Lloyd Watson.....	Coshocton
Kenneth Sterling Watts.....	Cincinnati
David Milton Weaver.....	Circleville
Jack Weinberg.....	Akron
James Irving Weprin.....	Dayton
Terry Elson Whaley.....	Columbus
Ronald Kenneth Whiting.....	Painesville
Russell Herbert Whittemore.....	Natick, Mass.
Gregory Drake Wilson.....	St. Marys
John Crerar Winton.....	Rocky River
John Harry Yeamans.....	Columbus
David William Yost.....	Columbus
Daniel Edward Younker.....	Gibsonburg
Grace Ann Yoxxsimer.....	Columbus
Walter Zabinski.....	Pittsburgh, Pa.
James John Zavocky.....	Parma
Larry Edwin Zigli.....	Worthington

(Two hundred and nine candidates)

Bachelor of Science in Social Welfare

Bonnie-Jo Bogner.....	Mansfield
Stanley John Debiec, Jr.....	Columbus
Barbara Basofin Dolinger.....	Columbus
James Craig Dowell.....	Hilliard
Geraldine Ostrow Dubrow.....	Pittsburgh, Pa.

Diane Lillian Dudgeon.....Akron
 Diane Louise Etter.....Marion
 Susan Katherine Fitz-Gibbon.....Lakewood
 Sandra Merle Gluckman.....Cleveland
 Norman Richard Graham.....Columbus
 Barbara Rawling Grassan.....Toledo
 Margaret Ruth Haier.....Willoughby
 Esther Stratton Johnson.....Columbus
 Linda Jane Jordan.....Caldwell
 Carol Jane Luker.....Granville
 Barbara Lynn Matison.....Laurel, Miss.
 Susan Rosalyn Meyer.....Springfield
 Bruce Arnold Moore, Jr.....Norwalk
 Darrell Lee Murphy.....Canton
 Henry Thomas Pomante.....Columbus
 Marcia Ann Porter.....Reynoldsburg
 Robert Joseph Shuster.....Cleveland
 Robyn Gay Sloboda.....Columbus
 Judith Dreama Vogt.....Columbus
 Rita Lois Waldman.....Columbus
 Sandra Lynn Wendt.....Cuyahoga Falls

(Twenty-six candidates)

COLLEGE OF DENTISTRY

Dean: WENDELL D. POSTLE

Doctor of Dental Surgery

Wallace Dare Abbey, Jr., B.Sc.....	Columbus
Richard Nathan Alpers, B.Sc.....	Columbus
William Martin Azallion.....	Lafferty
Gerald Bader.....	Toledo
Philip Gordon Beaver.....	Hamilton
Lawrence Frederick Bennett.....	Columbus
James Edward Bishop, A.B. (University of Cincinnati).....	Cincinnati
Herbert Gern Bletner, B.Sc.....	Barberton
Robert Lewis Brandt, B.S. (Denison University).....	Fairview Park
William Stanley Bricker, B.Sc.....	Hicksville
Harry Thomas Brooks, B.Sc.....	Columbus
Ralph Gaylord Bruckman, B.Sc., B.Sc. in Edu.....	Columbus
James Lawrence Bruzzese, B.Sc. in Edu.....	Steubenville
Walter Norman Bumb, B.S. (Bowling Green State University) ..	Montpelier
Robert Lee Bump, B.A. (cum laude).....	Garfield Heights
John Donald Cercek.....	Cleveland
Larry Raymond Cleaves, B.Sc.....	Lima
Philip Edward Cochran, B.A.....	Napoleon
Danny Joe Crocker (cum laude).....	Glendown
Phillip James Davis.....	Middletown
Frank L. Demos, B.A.....	Canton
Dennis Lynn DeMuth (cum laude).....	Sylvania
Louis Patrick DiOrio, A.B. (Hiram College); M.S. (University of Illinois)	Youngstown
Robert Linn Dix.....	Canton
Herman Alfred Doll, Jr., A.B. (Harvard University).....	Dayton
Robert Stephen Drew.....	Lancaster
Geoffrey Stuart Dunn.....	Columbus
Frank Ray Elges, B.S. (Mount Union College).....	Alliance
Harley Andrew Ellinger, Jr.....	Logan
Thomas Dunn English, B.S. in Pharm. (University of Cincinnati)	Cincinnati
James Ervin Faris, B.S. (Wilmington College) (cum laude) ...	New Vienna
Frederick Roy Faust.....	Dayton
David Francis Fleming.....	Columbus
Chad Leon Fogle, A.B. (Ohio University); M.S. (University of Arkansas)	Dayton
Jack Thomas Foliano, B.A.....	Garfield Heights
John George Fratz, Jr., B.Sc.....	Cincinnati
Frederick Alfred Fri, Jr., B.A. (Ohio Wesleyan University).....	Medina
Paul John Gaiser, B.Sc.....	Columbus
Gary Paul Gersh.....	Dayton
Donald Edward Gleason, B.Sc.....	Cincinnati
Jerome Neal Golub, A.B. (Western Reserve University).....	South Euclid
Mervin Wayne Graham, B.Sc. (cum laude).....	Columbus
Douglas Barrett Green.....	Akron
Harry Edward Green, B.A. (Northwestern University).....	Ashtabula
Edward Stephen Haenick.....	Youngstown
Jack Allen Hahn.....	Akron
Ronald Dwayne Haines (cum laude).....	Massillon
Timothy Conrad Hall.....	Columbus

Paul Burnett Haynes..... Plain City
 Ira Lee Hedrick, Jr..... New Albany
 Robert Allen Heinzerling, B.Sc. in Bus.Adm..... Columbus
 Daniel Arthur Henderson, B.S. (University of Toledo)..... Toledo
 Wilbert Jay Heyman, B.Sc..... Youngstown
 Douglas Phillips Hinton..... Dayton
 Otto Lefate Howell, Jr., B.S. (Capital University)..... Columbus
 Gary Franklin Igleburger (summa cum laude)..... Dayton
 Edward Joseph Jacob..... Toledo
 Valdemars Janis Jekkals (summa cum laude)..... Cuyahoga Falls
 Robert Samuel Jones, B.S. (University of Pennsylvania)..... Warren
 Joseph Frank Julius..... Youngstown
 *James Roger Kadel..... New Carlisle
 Marvin Morris Kay, B.A..... Columbus
 Daniel Allen Keenan, B.S. (Wilmington College)..... Owensville
 Allen Werner Keyser, B.Sc..... Columbus
 David Simon Kilgore, B.Sc..... Fairborn
 Robert Joseph Kinkoph, B.A. (Kent State University)..... Cleveland
 Kenneth Joseph Kozar..... Lorain
 Lee Ralston Lohnes, B.A. (Ohio Wesleyan University)..... Springfield
 Salvatore Paul Lowry..... Youngstown
 John Carl Lude, B.Sc. (cum laude)..... Youngstown
 Ronald Eugene Mangie, B.Sc..... Youngstown
 James Robert Masters..... Canton
 James Theodore McMillin, B.S. (Bowling Green State University) .. Newark
 Frederick George Meier..... Lancaster
 Raymond Jerome Menegay (cum laude)..... Canton
 Robert Henry Morason, A.B. (Miami University)..... Toledo
 Leslie Darrell Morgan, B.A..... Akron
 Markham Lane Murphy, B.Sc..... Mansfield
 Jack Raymond Musick, B.A..... Corning
 George James Mustric..... Wadsworth
 Richard Lee Nash, B.Sc..... Minerva
 Henry Langley Page, Jr..... Blanchester
 Roland Paul Pagniano, B.Sc. in Edu., M.Sc..... Wooster
 William Arthur Palmer (cum laude)..... Archbold
 Martin Clifford Perkins, B.A. (College of Wooster)..... Mt. Gilead
 Howard Worthington Peterson, Jr., B.A..... Steubenville
 John David Peterson, B.S. (Bowling Green State University)..... Geneva
 Thomas Gale Pierron..... Portsmouth
 Russell Joseph Pollina, Jr..... East Cleveland
 Robert Joseph Pond, B.Sc. in Agr..... Latty
 Peter Rocco Pugliese, B.Sc..... Cleveland
 James Albert Rayfield..... Sandusky
 David Eugene Rechsteiner..... Akron
 Glenn David Reinbold..... Cuyahoga Falls
 Richard Jay Risinger..... East Liverpool
 Bruce Berndt Robeson, B.S. (Bethany College)..... Canton
 Kenneth Lewis Roehrig, B.S. (Defiance College)..... Defiance
 John King Rosen, B.A..... Columbus
 Morris William Rosenthal..... Cincinnati
 Albert Louis Ross, Jr..... Painesville
 Dale Werner Seck..... Canton
 John Malcolm Seeds, B.Sc. in Edu..... Reynoldsburg
 Louis Charles Seikel, B.S. (University of Akron) (cum laude)..... Akron

* Two degrees

*Edward Estel Shaffer, Jr.....	Columbus
Milton Junior Shaffer, B.Sc. in Edu.....	Lexington
John Laird Shannon, B.A.....	St. Clairsville
Alan Jay Slife.....	Akron
Stanley Stanford Smith, Jr., B.S. (University of Dayton).....	Dayton
Donald Roger Sprows.....	Wooster
Robert Earl Stearns, Jr.....	Toledo
Thomas Malcolm Stewart.....	Springfield
*Charles Lorn Stoup, Jr., B.Sc.....	Columbus
Edward Joseph Straub.....	Columbus
Robert David Tennant, B.Sc.....	Mansfield
Frank Clemens Theisen.....	Cincinnati
Henry Daniel Thomas, Jr., B.A. (College of Wooster).....	Dalton
James William Thomas, B.S. in Edu. (Miami University).....	Gallipolis
Gino Louis Ventresca, B.Sc. in Edu.....	Columbus
Harold Richard Von Wyl (cum laude).....	Canton
Louis Earl Waite.....	Columbus
Matthew Michael Wansack.....	Campbell
*Harvey Teres Weinstein.....	Middletown
Robert Lynn Whitacre, B.B.A. (Western Reserve University).....	Newton Falls
Joe Douglass Wiese, B.A.....	Columbus
Theodore Thomas Wilson, B.A.....	Columbus
David S. Winston, B.A.....	New Philadelphia
Robert Eugene Wood.....	Columbus
John Carl Worley, B.S. (Otterbein College).....	Westerville
Wayne Keith Wright, B.S. (Otterbein College).....	Vandalia
Ronald William Zesch, B.S. (University of Cincinnati).....	Cincinnati

(One hundred and thirty candidates)

Certificate of Graduate Dental Hygienist

Carol Sue Albright.....	Bucyrus
†Martha Louise Allen.....	Lakewood
Judith Miller Ashworth.....	Eaton
Barbara Sue Axelrod.....	Shaker Heights
Nancy Jo Bailey.....	Columbus
Nancy Elizabeth Boehm.....	Rocky River
Julia Edith Boss.....	Cincinnati
Lois Margaret Brigleb.....	Perry
Sandra Sue Brumfield.....	Franklin
Mary Magdalen Cavasinni.....	Cleveland
Doris Trumanna Cline.....	Mansfield
†Lee Frances Derbyshire.....	Coshocton
†Barbara Louise Derr.....	Akron
Marilyn Cheryl Drake.....	Coshocton
Ann Elizabeth Elgert.....	Brookville
Joan Rae Ely.....	Antwerp
Marlene Elaine Fink.....	Cincinnati
†Catharine Anne Frear.....	Columbus
Lynda Lou Fretwell.....	Rittman
Carol Paulette Fundak.....	Lorain
Pauline Fundak Furr, B.S. (Ohio University).....	Lorain
Donna Sue George.....	Columbus
Joanne Marie George.....	Wauseon
Mary Lee Grosse.....	Columbus

* Two degrees

† Degree and certificate

Sandra Jean Haudenchild.....	Cuyahoga Falls
Carol Lee Hertz.....	Oakland, Calif.
Karen Sue Hobbs.....	Columbus
Donna Kay Hunston.....	Euclid
Lorra Jean Hutson.....	Rocky River
Karen Ann Jones.....	Columbus
Lana Louise Keller.....	Columbiana
Lee Ann Kennedy.....	Wapakoneta
Marcia Louise Kinross.....	Cincinnati
Katherine Kay Kinsey.....	Newark
Sue Marshall Kunze.....	Columbus
Phyllis Wilner Levy.....	Cincinnati
Linda Loma Lorincz.....	Painesville
Janet Beeghly McCrabb.....	Dayton
Judith Rae Meinhardt.....	Columbus
Joyce Louise Melsop.....	Worthington
Susan Helen Melzak.....	Richmond Heights
Mary Athena Michaelson.....	Dayton
Carol McElderry Miller.....	Lima
Cynthia Ann Miller.....	Kettering
Jeannine Ann Moneymaker.....	Columbus
Janet Meredith Nixon.....	Columbus
Ellen Mae Olson.....	Toledo
Judith Anne Pencil.....	Springfield
Patricia Kay Pope.....	Lima
Sharon Lee Rase.....	Wheelersburg
†Nancy Marie Rauch.....	Columbus
Mary Ann Rayburn.....	Middletown
Sally Eleanor Ream.....	Portsmouth
Rita Eileen Redkey.....	Columbus
Martha Jane Reed.....	Columbus
Catherine Amos Rubadue.....	Columbus
†Carol Langa Sherman.....	Euclid
Sandra Boulis Shidaker.....	Delta
Jacquelynn Albers Shimp.....	Cleveland
Susan Elizabeth Simmonds.....	Cincinnati
Judith Gail Slack.....	Marietta
Linda Kay Sommer.....	Canton
Joan Beverly Stallard.....	Akron
Barbara Ann Stewart.....	Fairborn
Patricia Jane Strang.....	Dayton
Bette Lou Streem.....	Cleveland
Linda Sue Swartz.....	Newark
Suzanne Bennett Taylor.....	Columbus
Nancy Jean Vickers.....	Columbus
Camilla Jelm Weber.....	Akron
Priscilla Weed.....	Cincinnati
†Virginia Siefert West.....	Columbus
Sheila Rae Wool.....	Dayton

(Seventy-three candidates)

† Degree and certificate

COLLEGE OF EDUCATION

Dean: DONALD P. COTTRELL

Bachelor of Science in Education

Sheila Helaine Abrams.....	Cleveland
Deborah Lynn Abramson.....	Canton
Marian Lang Acton, B.Sc. in Bus.Adm.....	Columbus
Ruth Ann Adams.....	Portsmouth
Larry Richard Airhart.....	Mansfield
Patricia Jeanne Albanese.....	Columbus
Nancy Irvin Alden.....	Wilmington
Jean Alexander.....	Grove City
Sarah Jane Alkire.....	Washington C. H.
Carol Ann Allensworth.....	Amsterdam
Barbara Brandt Allred.....	South Euclid
James Carl Andre.....	Columbus
Agnes MacKenzie Andreae, A.B. (Smith College) (summa cum laude)	Columbus
Karen Jeanette Andreas.....	Sugarcreek
Marjorie Jane Andreas (cum laude).....	Worthington
Phyllis Snider Andrews.....	New Lexington
Joan Donna Anshutz.....	Garfield Heights
Ellen Appelbaum.....	Columbus
Philip James Arena.....	Niagara Falls, N. Y.
Elizabeth Hoon Arnett.....	Westerville
Mark Ivan Ashworth.....	Kettering
Sandra Jane Babione.....	Worthington
Antonia Sophia Bahas.....	Canton
David Emmett Bailey.....	Wilmington
James Edward Bailey.....	Westerville
Donald Ross Ball.....	Columbus
Joan Barbara Ballitch (cum laude).....	Plymouth
Jerome John Banyots.....	Youngstown
Donna Gayle Barber.....	Springfield
Sallie Marie Barber.....	Johnstown
Sue Campbell Barrett.....	Shelbyville, Ky.
JoAnn Bartlett.....	Columbus
Paul William Barton.....	Columbus
Barbara Kay Bateson.....	Xenia
Bette Ann Bauer.....	St. Marys
Carol Jessie Baum.....	Lockbourne
Linda Dee Beach.....	Galion
Frank Allen Beck.....	Martins Ferry
John Emil Becker.....	Brunswick
William Westervelt Beelman.....	Columbus
Carol Ann Behm.....	Marion
Marcia Gwen Beinhart.....	Cincinnati
Jacqueline June Beisler.....	Marion
Patricia Ann Bennett.....	Columbus
Julienne Sears Berglind.....	Wooster
Winnie Joyce Better.....	Shaker Heights
Robert Arthur Betz.....	Mt. Gilead
Jean Helen Bigley.....	Solon
Helmut Birtler.....	Columbus

Carolyn Ann Bittner.....	Yellow Springs
Jane Wesley Blair.....	Cincinnati
Harry William Blausey.....	Elmore
Roberta Joan Bleakley.....	Worthington
Barbara Anne Bogart (cum laude).....	Columbus Grove
Charles Bontempo.....	Cleveland
Walter Scott Bower, B.S. (Waynesburg College).....	Columbus
Janet Keadey Boyd.....	Centerburg
John Cameron Boyle.....	Columbus
Sheryl Jean Braumiller.....	Westerville
Kathleen Marie Braun.....	Galion
Deanna Copley Breidenbach.....	Reynoldsburg
Mary Alice Gingrich Breiter.....	Parma
Anita Kersell Brittsan.....	Columbus
Mary Elizabeth Brodish.....	Columbus
Karen Lee Brooks.....	Youngstown
Donna Lee Brown.....	Cleveland
Hope Charlotte Brown.....	LaGrange, Ill.
Nancy Lynne Brown.....	Springfield
William Richard Brown.....	Cleveland
Elnora Ewing Brubaker.....	Columbus
Thomas Brun.....	Columbus
Carolyn Sue Brunk.....	Springfield
Carol Cromer Brunotte.....	Cincinnati
James Charles Bryant, B.S. (Fordham University); M.B.A. (University of Toledo).....	Maumee
Charles Allen Buffham.....	Grand Rapids, Mich.
Judith Ann Burngen.....	Canton
Jerry Raymond Burns.....	Columbus
Karmin Jeanne Burow.....	Toledo
Mary Jo Burt.....	Worthington
Donna Sue Buys.....	Delphos
Cynthia Ann Calcott.....	East Liverpool
John Leonard Calhoun.....	Mansfield
Penelope Ann Calhoun.....	Canton
Constance Ann Calvert.....	Dayton
Joyce Ann Cameron.....	Columbus
Nancy Ann Cannon.....	Coshocton
Elaine Louise Carpenter.....	Columbus
Diane Marie Caruzzi.....	Westerville
David Lawrence Cattee.....	Columbus
Ann Elizabeth Cecalek.....	Skaelskor, Zehland, Denmark
Aurelio Cespedes.....	Medellin, Antioquia, Colombia
David Garvin Cessna.....	Cadiz
Judith Ann Chase (cum laude).....	Cleveland
Judith Greenbaum Chernetz.....	Shaker Heights
Ernest Chiudioni.....	Dillonvale
Allan Andrew Chonko, B.A. (University of Notre Dame).....	Parma
Joyce Elaine Clark.....	Sunbury
Mary Irene Clark.....	North Baltimore
Louise Elizabeth Clerici.....	New Philadelphia
Jane Hathman Cobbs.....	Cleveland
Dorothy Bennett Coffey.....	Columbus
Joan Ellen Colbert.....	West Salem
Mel Dean Coleman.....	Mansfield
Carol Lee Colucci (cum laude).....	Kettering
Troy Gaylord Conley.....	Hillsboro

Helen Danas Conn..... Columbus
 Elaine Sue Cook..... St. Marys
 Priscilla Gail Cool..... Dayton
 Judy Kay Coppus..... Fostoria
 Freda Carroll Corcoran..... Clarksburg
 Martha Davis Cottrill..... Columbus
 Terry LeRoy Cox..... Uhrichsville
 Mitzie Smith Craddock..... Worthington
 Anne Morris Craig..... Bloomingburg
 Donis Ward Cramer..... Columbus
 Ronald John Cree..... Portsmouth
 Linda Owen Crow..... Syracuse
 Carolyn Sue Cryder..... Kingston
 Catherine Elise Cummins..... Hamilton
 Jane Carol Daily..... Warren
 Thomas Charles Dannis..... Sugarcreek
 Marilyn Davidson Daub..... South Charleston
 Carol Louise Davis (cum laude)..... Columbus
 Diane Denise Davis..... Waukegan, Ill.
 Lynn Seegert Davis..... Parma
 Sherry Anne Davis..... Worthington
 Shannah Lou DeHart..... Monroe
 Robert Edward Delly..... Euclid
 Robert Lester Dendinger..... Marion
 Mary Alice Detimore..... Salem
 Marvin Alan Diamond, B.Sc. in Bus.Adm..... University Heights
 Carolyn Rose Dimmer..... Toledo
 John Charles Dirmeyer..... Waverly
 Janyce Louise Dodson..... Columbus
 James Louis Dorrance..... Columbus
 Dan Lee Dotson..... Lima
 Stephen Aaron Douglas..... Columbus
 *Sharon Kae Downey (cum laude)..... Columbus
 Sharon Hanover Duerr..... Columbus
 Gene Ray Dulin..... Marion
 Jan Baxter Dunlap..... Dresden
 Jane Ann Durrstein..... Springfield
 Russell Garfield Easter..... Hamilton
 Karen Anne Eck..... Cleveland
 Mary Elizabeth Ehrensberger..... Dayton
 Doris Friece Eichensehr..... Westerville
 Maxene Carol Eigen..... Cleveland
 John Howard Emmons..... Ashland
 Shirley Huston Engle..... Columbus
 Gary Lee Epperley..... Dayton
 Beth Elaine Evans..... Painesville
 Diane Marie Everhart..... Westerville
 James Edward Farrell, B.Th. (Northwest Christian College) ; B.D.,
 M.A. (Butler University)..... Columbus
 Lois Raye Felder..... Canton
 Tobie Faye Feldman..... Pascagoula, Miss.
 Janice Ann Fenstermaker..... Findlay
 Carolyn Jean Ferrell..... Shelby
 Carol Joan Fields..... Shaker Heights
 Frank Louis Finale..... Brooklyn, N. Y.
 Robert Patrick Finical..... Bellville

* Two degrees

Sharon Lee Fink.....Upper Sandusky
 Bridget Ann Finnegan.....Shelby
 Adelaide Elizabeth Fisher, A.B. (Wittenberg University).....Columbus
 Donald Lee Fisher.....Columbus
 Janice Feiner Fishkin.....University Heights
 Melinda Lee Ford.....Columbus
 Dorothy Bukowski Foster.....Circleville
 Mary Lynne Fouse.....Lancaster
 Marcia Ann Fox.....Louisville, Ky.
 Suzanne Riley Fox.....Bridgeport
 Carolynn Crennell Franklin.....Euclid
 Patricia Ann Frazier.....Ashville
 Theodora Bernsohn Frazier.....Columbus
 Lanita Lou Fresh.....Columbus
 Susan Rae Fries (summa cum laude).....Columbus
 Ulisse Frissora.....Columbus
 Julie Ann Froberg.....Lakewood
 Susan Elizabeth Gallagher (cum laude).....Mt. Gilead
 Kay Ellen Garverick.....Galion
 Carolyn Alice Germann.....Van Wert
 Nancy French Gernhardt.....Columbus
 Betsy Gershkovitz.....Cincinnati
 Judy Ellen Gibson.....Ashley
 Marjorie Hope Gibson.....Warren
 Thomas Albert Giles.....Columbus
 Ina Judith Gilman.....Springfield, Mass.
 Joyce Elissa Godofsky.....Columbus
 Judy Beth Goldberg.....Dayton
 Hilary Aultz Goldstein.....Troy
 Karen Sue Good.....Toledo
 Judith Alice Goodwin.....Akron
 Alexander James Gounaris.....Dayton
 Janet Beth Graber.....Columbus
 Judith Ann Graber (cum laude).....Columbus
 Ardith Lynn Granstaff.....Port Clinton
 Deborah Louise Green.....Columbus
 Sherrie Susan Greenberg.....Toledo
 Albert Jerome Greenspan.....St. Louis, Mo.
 Gloria Sophia Greenzalis.....Columbus
 Harriet Ann Griffith.....Westerville
 Patricia Ann Griffith.....Marion
 *Esther Loren Grobsmith.....Shaker Heights
 Robert Mac Groff.....Washington C. H.
 James Jeffery Gurin.....Dayton
 Trudi Harriet Guttman, B.A.....Beachwood
 Lois Jean Hafer.....Middletown
 Thomas Joseph Hamann, B.A.....Canton
 William James Hammond.....Cleveland
 Carol Jean Hampton.....East Sparta
 Vicki Joyce Handler.....Cleveland Heights
 Nancy Trevathan Hanley.....Delaware
 Joseph Patrick Hannan.....Cleveland
 Terence Joseph Hansley.....Cleveland
 Grace Frances Hardgrove (summa cum laude).....Columbus
 Carol Catherine Harlow.....Sunnyside, L. I., N. Y.

* Two degrees

Beatrice Elizabeth Harris.....	Steubenville
Nancy Kay Harris.....	Eaton
Mary Sharon Hauck.....	Columbus
Susan Kay Hausmann.....	Newark
Maureen Ann Healy.....	Cleveland
Arlan Dwight Hedges.....	Green Camp
Susanne Nina Heines.....	Cincinnati
Mary Katherine Heistand.....	Washington C. H.
Lynnda Lee Henry.....	Bellefontaine
Nancy Jean Henry.....	Columbus
Richard Joseph Hensler.....	Corning
Nancy Gray Hicks.....	Columbus
William Russell Higgins.....	Mansfield
Jennifer Ella Highley.....	Franklin, Mich.
Peggy Ann Hightower.....	Hamilton
David John Hildreth.....	Columbus
Donna LaRene Hill.....	Columbus
Judith Ann Hillson.....	Columbus
*Marilyn Ambrose Hixon.....	Hillsboro
Michael Dennis Hock.....	Columbus
Sharon Kay Holladay.....	Hillsboro
Brenda Leslie Hoover.....	Sunbury
*James David Hopkins.....	Columbus
Alice Suzanne Horine.....	Van Wert
Margaret Anne House.....	Newark
Charles Thomas Howard.....	Leipsic
Betty Slagle Huckaba.....	Marion
Randall Logus Huffman, B.Sc. in Agr.....	LaRue
Larry Gene Hufford.....	Greenville
John Henry Hughes.....	Glencoe
Barbara Lynn Hundley (cum laude).....	Eldorado
Lawrence Frank Hunt.....	Zanesville
Donald Lester Hyatt.....	Columbus
Robert Grove Hyre, Jr.....	Worthington
Jon Joel Jacobson.....	Painesville
Ronald Franklin Jaskowiak.....	Columbus
Kay Clausing Jenkins.....	Toledo
Suzanne Lorenzen Jenney.....	Parma
Claudia Kay Johns.....	Wooster
Charles Arthur Johnson.....	DeGraff
Keawana Johnson.....	Athens
Catherine Cox Jones.....	Xenia
William Edward Jones.....	Columbus
Carol Ann Kane.....	Ashtabula
Frederick Rudolph Kaspar.....	Port Clinton
Roberta Ann Katz.....	Akron
Geraldine Miller Kaucher (cum laude).....	Bellefontaine
Susan Barbara Kaye.....	Roosevelt, N. J.
Catherine Theresa Kazienko.....	Columbus
Richard William Keller (cum laude).....	Delaware
James Martin Kennedy.....	Columbus
Wayne Gilbert Kerns.....	Wellsville
Mark O. Kerschbaum, B.Sc. in Agr.....	Columbus
Sharon Ann Kersten.....	Olmsted Falls
Nancy Jane Ketcham.....	Columbus
Charles William Kettlewell.....	St. Clairsville

* Two degrees

Sharon Morehart Kimberly.....Akron
 James Joseph Kinzer.....Hillsboro
 Sandra Kirkendall.....Marysville
 Judith Kay Kivlin (cum laude).....Columbus
 Joyce Leslie Klein.....Shaker Heights
 Susan Paula Kleinstub (cum laude).....Cleveland
 Frances Lee Kline.....Cleveland
 Rodney Frank Klingman.....Medina
 Roslyn Faye Kodish.....Akron
 Elissa Joan Kohansov.....Valley Stream, N. Y.
 Judy Wile Kossoff.....Columbus
 Erika Kostick.....New York, N. Y.
 Karen Leslie Krasnoff.....Warren
 William George Kuhn.....Clyde
 Nancy Jean Kyle.....Fairborn
 Marilyn Joy Landau.....Shaker Heights
 Betty Yates Lane.....Rochester, N. Y.
 John Warren Langham.....Columbus
 Lenore Louise Lasko (cum laude).....North Madison
 Nancy Emily Brown Latimer.....Bryan
 LeEtta Jean Lavender.....Marysville
 Mary Jo Magnelli Lavo.....Columbus
 Frances Elaine Law (cum laude).....Alexandria
 Charles Richard LeBeau.....London
 Charles Dean Leeser.....Cadiz
 Penny Liebermann Lefkowitz (summa cum laude).....Youngstown
 Francine Janet Leiderman.....Westfield, N. J.
 Carolyn Sue Leishman.....Salineville
 Lenore Kay LeMunyon.....Mansfield
 Betty Swayne Leslein.....Columbus
 Connie Dianne Leslie.....Columbus
 *Richard John Letvin.....Tallmadge
 Richard Murray Levin.....Akron
 Iris Levine.....Dayton
 Nancy Davis Lewis.....Pittsburgh, Pa.
 Nancy Hanna Lewis (cum laude).....Columbus
 Patricia Ann Lewis.....Cleveland
 Ralph Ewing Lewis.....Columbus
 Sandra Jane Lewis.....Lima
 Vikki Susan Lintala.....Wooster
 Marcia Kay Lischeid.....Cincinnati
 Mary Elizabeth Lockwood.....Ashville
 Susan Carole Logan (summa cum laude).....Columbus
 James David London.....Mt. Vernon
 Linda Ann Longfellow.....Dayton
 Linda Sue Longwell, B.F.A.....Van Wert
 Rosemarie LoPresty.....Wadsworth
 Donald Frederick Lott.....Warren
 Robert Dean Lucas.....Cincinnati
 Susan Diane Lucas.....Croton
 Linda Sue Lust.....Bucyrus
 Vincent Frank Lustig.....Thompson
 Patricia Palmer Lutz.....Columbus
 Jerry Mac Lux.....New Holland
 Karen Elaine Lynd.....Steubenville
 Kathleen Rosell Lyon.....Newark

* Two degrees

Barbara Jo Maben..... Bay Village
 Glenda Koepfel Machado..... Teaneck, N. J.
 John Edward Machado..... Englewood Cliffs, N. J.
 Larry Ivan Madorsky..... University Heights
 Karen Mailender..... Cincinnati
 Joan Louise Manker..... Canal Winchester
 Ellen Winifred Markell..... South Euclid
 Ernest Lyle Mason..... Vermilion
 Mary Ethel Mason..... Cambridge
 Mary Jo Mason..... Bryan
 Joanne Greer Mathews..... Hubbard
 Esther Snider Matson (cum laude)..... Cincinnati
 Mary Carolyn McCleaf..... Columbus
 Barbara Sue McClory..... Fremont
 James Walter McDonald..... Columbus
 Mary Susan McDonald..... Columbus
 Laurel Herman McFarland..... Lorain
 Elizabeth Anne Dyson McGinley..... Lima
 Stephen Lyle McGuire..... Marion
 Sharon Lee McLaughlin..... Columbus
 Karen Ruth McLin..... Dayton
 Ellen Greenlee McMaster..... Lancaster
 Charles Arthur Mehaffey..... Old Fort
 Betty Saxa Meyer..... Olmsted Falls
 Robert Lewis Middleton..... Marion
 Carol Ann Miller..... Upper Sandusky
 Gary Alan Miller, B.Sc. in Bus. Adm..... Napoleon
 John Lewis Miller, B.Sc. in Agr., M.Sc..... Bucyrus
 Mary Ann Miller..... Rockford
 Philip James Miller..... Newark
 Susan Rose Mills..... Dayton
 Mary Ann Mingo..... Campbell
 Robert Carl Montgomery, Jr..... Clyde
 Myron Joe Moore..... Marion
 Linda Ann Morris..... Las Vegas, Nev.
 Richard Earl Moseley, Jr., B.Sc. in Agr..... Columbus
 James Howard Moser..... Galion
 Jerry Lawrence Mrkva, B.Sc. in Agr..... Canal Winchester
 Virginia Jane Mueller..... Cincinnati
 Ann Jane Holdsworth Mulick..... Columbus
 Sandra Loraine Mullen..... Troy
 Janice Sue Murphy..... Ironton
 Margery Fisher Murphy..... Xenia
 David Anderson Murray..... Steubenville
 Marjorie Ann Murray..... Columbus
 Karen Sue Myers..... Columbus
 Linda Kay Myers..... Columbus
 Lynn Allen Myers..... Hicksville
 Susan Gallogly Myers (cum laude)..... Columbus
 Sandra Lee Nathan..... Indianapolis, Ind.
 Diana Hosket Neely..... Dayton
 John Crosby Nelson..... Columbus
 Linda Rae Nelson..... Worthington
 Susan Louise Neutzling..... Columbus
 Janet Elizabeth Nitschke..... Columbus

Jeanne Winfield Northrup.....Cincinnati
Melvyn Paul Nowell.....Columbus
Leah Stierwalt Oblak.....Fremont
Carolyn Louise Ohnsman.....Milford Center
Linda Lee Olson.....Niagara Falls, N. Y.
Penelope Fleming O'Neil.....Kettering
Glenna Yvonne Hensley Osborn.....Fairborn
David Lester Paige.....Cleveland
Linda Lou Parke.....Sidney
Janet Lynn Parker.....Port Clinton
Angela Reams Parks.....Marion
Marjorie Jean Parmenter.....Magnolia
Anne Carswell Patterson.....Columbus
Shirley Range Peters.....Columbus
Robert James Pfuntner.....Wellsville, N. Y.
Linda Lee Phillips.....Columbus
Neil Ivan Phillips.....Shaker Heights
Sharon Lee Pittenger.....Columbus
Sharon Elaine Plymale.....Hilliard
Paul Pokas.....Bellaire
Allan Frank Poklar.....Euclid
Susan Wilks Pollack.....Dayton
Judith May Polster.....Cleveland Heights
Patricia Ann Preston.....Coshocton
Ann Pulse.....Hillsboro
Penny Ann Pursel.....Searington, N. Y.
Emily Ann Raab.....Cincinnati
Barbara Ardis Radnor.....University Heights
Lynn Marie Ransbottom.....Springfield
Carolyn Louise Rausch.....Columbus
Frank David Ray.....Covington
Beverly Ruth Recht.....Akron
Robert John Redick (cum laude).....Parma Heights
Jacquelyn Ann Reed.....Marion
Diana Louise Reichert.....Fairborn
George Frederick Rengert.....Cardington
Nancé Elizabeth Reuthe.....Trenton
Sandra Lee Rhodes.....Columbus
Judith Arlene Richards.....Columbus
Larry James Richardson.....Toronto
Katherine Bach Ricketts.....Belle Center
Nadine Lee Ridout.....Toledo
David Dudley Riegel.....Amanda
Priscilla Dell Rietschlin.....Worthington
Robert Joseph Riggs.....Columbus
Alice Elizabeth Riley.....Farmdale
Faith Harris Ringol (cum laude).....Louisville, Ky.
Adrienne Elizabeth Ritchie.....Bellefontaine
Patricia Jo Werkin Ritzhaupt.....Steubenville
Carole Lou Roberts.....Lewisburg
Victoria Lynne Roberts.....Delaware
Kathleen Cronin Robinson.....Columbus
Barbara Burt Rolf.....Canton
Larry Eugene Roseberry.....Marion
Ina Valcov Rosenthal.....Columbus
Susan Ross.....Columbus

Thomas Lee Rossetti.....Columbus
 Janis Ileen Rothenberg.....Cleveland
 Sharon Ann Rowland.....Columbus
 Elin Jan Rubin.....Toledo
 Judith Ann Rubin.....Bellefontaine
 Joseph Samuel Ruggiero.....Washington, Pa.
 Geraldine Rush.....Columbus
 Karen Van Arnam Ruskan.....Wadsworth
 Margaret Paige Ruth.....Lincoln, Mass.
 Barbara Fredritz Sarr, B.Sc. in Bus.Adm.....Newark
 Raymond Sasarak.....Cleveland
 James Corwin Sayre.....Zanesville
 Sara Katherine Schaublin.....Lima
 David Rosevear Scheiderer.....Akron
 Larry Earl Schiefer.....Sycamore
 Carol Ann Schmidt.....Goshen
 Sue Ellen Schmidt.....Cleveland
 Roger Neil Schmottlach.....Springvale, Me.
 Christine Marie Schneider.....Columbus
 Thomas Grant Scholl.....Columbus
 Terry Lee Schubert.....Fostoria
 Kay Ann Schultz.....Springfield
 Nancy Jean Schulz.....Lancaster
 Linda Walburga Schwab.....Columbus
 Carol Gloyd Scott.....Columbus
 Carole Sharon Scott.....Cleveland
 Janene Nicodemus Scovel, B.A.....Ashland
 Carol Current Searfoss.....Lima
 Darrell John Secrest.....Caldwell
 Beverly Margaret Shade.....Findlay
 Joy Arlene Shepard.....Columbus
 Linda Rae Sherman.....Dayton
 Nickola Dee Sherman.....Columbus
 Don Gerald Shkolnik.....Columbus
 Susan Brooks Shoman.....Columbus
 Barbara Brown Simpson.....Cleveland
 Richard Martin Sims.....Piqua
 Barbara Ann Smith.....Youngstown
 Calvin Matthew Smith, Jr.....Brewster
 Sonja Michelle Smith.....Pittsburgh, Pa.
 Wendell Dale Smith, B.Sc. in Agr., M.Sc.....Marysville
 Charles Kurrich Snyder.....Mansfield
 Paul Edward Snyder, B.A.....Urbana
 Sharon Zelman Spector.....Cleveland Heights
 Carolyn Lois Spencer.....Columbus
 George David Spencer.....Geneva
 Martin Aaron Spiegle.....Shaker Heights
 Charles Montgomery Sprankell II, B.A.....Bellefontaine
 Bonnie Teeple Stafford.....Worthington
 Marcia Lynn Stevenson.....Springfield
 Emily Kittredge Stewart.....Port Washington, N. Y.
 Linda Carol Stewart.....Lima
 Janet Lee Stoer.....Mt. Sterling
 Alice Anne Stone.....Delaware
 Janice Ilene Storry.....Warren
 Linda Sue Strickling.....Frankfort

Maureen Chesnes Sturtz.....Cleveland
 Sandra Jeanne Super.....Youngstown
 Barbara Jane Sutherly.....Troy
 Ann Loscocco Swillinger.....Columbus
 Ostap Szwabinsky.....Cleveland
 Lyndon Dwight Tandy.....Xenia
 Mary Ann Telatnik.....Avon Lake
 Patricia Ann Tenney.....Troy
 C. James Terna.....Youngstown
 Donald Rawdon Thomas.....Middlefield
 James Allen Thomas.....Barberton
 Martha Maxine Thomas.....Lima
 Marylou Thornton.....Dayton
 Penelope Krieger Thuma.....Tipp City
 Helen Dunton Thurston, B.A., M.A. (cum laude).....Columbus
 Sue Ellen Tilton.....Portsmouth
 Patricia Ann Toby.....Dayton
 Thomas William Todd.....Lorain
 Betsy Marie Tolar.....Euclid
 George Stephen Tomko.....Cleveland
 Mary Jo Toner.....Cincinnati
 Mary Ramser Torges.....Shadyside
 Stephany Gersack Tornatzky.....New Carlisle
 Robert James Triano.....Columbus
 Lynda Remer Troy.....Findlay
 Thomas Palmer Tussing.....Reynoldsburg
 George John Vanis.....Shaker Heights
 Anita Lucille Vannelle.....Bellaire
 Norman Jerry Vanscoy.....Harrisville
 Joan Iris Wainer.....Cincinnati
 Penny Ingrid Wainer.....Columbus
 Linda Jane Waite.....Painesville
 Susan Robin Waldman.....Louisville, Ky.
 Terry Fletcher Walker.....Gambier
 James Jefferson Walls, B.Sc. in Bus.Adm.....Columbus
 *Nancy Lee Waters.....Westerville
 Beverly Marie Watson (cum laude).....Massillon
 Karen Sandra Weber.....Springfield
 Miriam Audrey Weber (summa cum laude).....Shaker Heights
 Carol Aronson Weinberg.....University Heights
 Harriet Ceil Weinberg.....Cleveland Heights
 Rhoda Weinman.....Toledo
 Phyllis Joan Weiser (cum laude).....University Heights
 Sheila Ann Welty.....Springfield
 Barbara Sue Wheelock.....Gibsonburg
 Jane Ann Wherry.....Columbus
 Lynne Anne Whetstone.....Westerville
 Janice Lou Whitaker.....London
 David Lynn Wigginton.....Cambridge
 James Lee Wilder.....Galion
 Kathryn Lenore Williams.....Canfield
 Regina Kay Williamson.....Columbus
 Diana Lee Willis.....Dayton
 Ardeen Lea Wills.....Cleveland
 Linda Lee Wills.....Clarksville
 James Miles Wilson.....Columbus

* Two degrees

Aileen Marie Wimer.....	Columbus
Barbara Frances Winger.....	Cleveland
Virginia White Wirtz.....	Cincinnati
Margaret Louise Wisecup.....	Fairborn
David Lee Wolery.....	Portsmouth
Suzanne Kay Wolfe.....	Columbus
Nancy Jane Wones.....	Mt. Gilead
Beverly Anne Wright.....	Columbus
Barbara Leland Young.....	Dayton
Barton Douglas Zaner.....	Columbus
Barbara Susan Zeigler.....	Youngstown
Carol Marie Zeitz.....	Euclid
Mary Hercelia Zeller.....	Columbus
Benay Susan Zellman.....	Shaker Heights
Rosalyn Judith Zimov.....	Dayton
Janet Masters Zook.....	Canton

(Five hundred and sixty-six candidates)

Bachelor of Fine Arts

Bonita Jeanne Acker.....	Zanesville
Adelbert Vern Bartholf.....	Cheverly, Md.
Nancy Ellen Brodkey.....	Omaha, Nebr.
Melissa Jane Brown.....	Chagrin Falls
Jeremy Gordon Bush.....	Springfield
James Douglas Campbell.....	Worthington
Robert Allen Fine.....	Beachwood
John Timothy Fix.....	Cincinnati
Carol Watkins Hall.....	Kettering
Lynn Butler Hammond (cum laude).....	Columbus
Gary George Kemp.....	Fairborn
Clayton Eric Marlow.....	Columbus
Ellsworth Lawrence Ohnsman, Jr.....	Marysville
Paulette Inez Perone (cum laude).....	Cincinnati
Marilyn Wharton Robinett.....	Columbus
David Louis Romanoff.....	Cleveland Heights
Robert Edward Schwartz.....	Cleveland
Charles Maynard Senseman.....	Fairborn
Patricia Friend Spangler.....	San Diego, Calif.
Mary Kathleen Thompson.....	Akron

(Twenty candidates)

Bachelor of Music

*Sharon Kae Downey (cum laude).....	Columbus
Margaret Ann Goldthwaite.....	Columbus
Doris Elizabeth Knies.....	Columbus
John Robert Samsel.....	Toledo
John Louis Schaefer (cum laude).....	Columbus
Richard Leslie Stoltzman (summa cum laude).....	Cincinnati

(Six candidates)

* Two degrees

**Bachelor of Science
in Occupational Therapy**

Phyllis Nell Hawkins.....Columbus
Ruth Ann Heider.....Fairborn
Margaret Karen Nelson.....Oxford
Rosalie Peterman.....Fredericktown
Patricia Ann Ruhlman.....Oxford

(Five candidates)

COLLEGE OF ENGINEERING

Dean: HAROLD A. BOLZ

Bachelor of Aeronautical and Astronautical Engineering

Ronald Gary Bell.....	Lima
Dennis Hetler Bertka.....	Marion
Robert William Betts.....	Lynchburg, Va.
Jon Thomas Busch.....	Columbus
William Frederick Case.....	Granville
Gerald Elwyn Coon.....	Williamsfield
James Stewart Hann.....	Columbus
Gerald Alan Hartley.....	Columbus
Richard Paul Janoso.....	Youngstown
David Gordon Lair.....	Columbus
Gary Walter Miller.....	Navarre
Robert Lee Moore (cum laude).....	Zanesville
Thomas Hamilton Powell.....	Cincinnati
Davey Menhem Saliba.....	Cambridge
Linden Graham Stullenbarger, Jr.....	Mogadore
Karl Michael Thomas.....	Cincinnati
David Paul Tomcik.....	Barberton
Ronald Howard Wanless.....	Brilliant
Myron Clayton Young.....	Zanesville

(Nineteen candidates)

Bachelor of Agricultural Engineering

John Paul Albert.....	St. Clairsville
Theodore Lee Glenn (cum laude).....	Greenwich
Harold John Luth.....	Celina
Roy Lee Meyer.....	Rawson
David Siegfried Santoro.....	Cincinnati

(Five candidates)

Bachelor of Ceramic Engineering

Frederick William Doss.....	Lancaster
John Kyte Goodyear.....	Uhrichsville
Burhan Ilkbay.....	Denizli, Turkey
James Allen Shell.....	Farmersville
David Fred Thompson.....	Columbus

(Five candidates)

Bachelor of Chemical Engineering

Allen Roger Axline.....	Columbus
Wayne Olen Betz.....	Cuyahoga Falls
John Henry Buddemeyer.....	St. Marys
Gary Lee Croskey.....	Killbuck
Michael B. Cutlip.....	Milford
Michael Francis Dague (cum laude).....	Akron
Michael Robert Gilsdorf.....	Columbus
Walter Reid Hayhow.....	Bellevue
Dennis Walter Kirsch.....	West Portsmouth
Dennis Charles McAdams.....	Columbus

Jerome Walter Mills (cum laude).....Doylestown
 Girish Dalpatlal Parikh, B.Sc. (University of Bombay).....Bombay, India
 James Barclay Sapp (cum laude).....Columbus
 Thomas Joseph Scattoloni.....Columbus
 Douglas Earl Skillicorn.....Bedford
 Edward Allen Vajnar.....Parma
 William Verne Whitmer.....Lakewood
 Edwin John Wilson.....Marietta

(Eighteen candidates)

Bachelor of Civil Engineering

John Edward Bartholomew, Jr.....Powell
 Robert Charles Black.....Cleveland
 Patrick Edward Blayne.....Mansfield
 Alan Roy Borson.....Cincinnati
 Larry David Close.....Shelby
 Donald Eugene Conley.....Mt. Sterling
 Alfred DiCarlo.....Maple Heights
 Albert Allen Doyle.....Salem
 Jerry Lee Francis.....Columbus
 Walter Glenn Fuller.....Ft. Wayne, Ind.
 Larry Roger Heston.....Mansfield
 Frank Glen Leach.....Columbus
 William John Lhota.....North Canton
 Larry Frederick Liff.....Logan
 David Arnold Marti.....Ambridge, Pa.
 David Randolph Mayle.....Canton
 David Warren McAnaney.....Wooster
 Fredrick Elmer Portner.....Cincinnati
 Jere Hugh Shertzler.....Lancaster, Pa.
 George Edward Smith.....Malta
 Gary Wayne Tackett.....Dayton
 Louis Vincent Vitucci.....Hollywood, Fla.
 John Charles Welch.....Columbus
 Robert Ernest Williams.....Groveport

(Twenty-four candidates)

Bachelor of Electrical Engineering

Larry Thomas Bashark.....Kettering
 Gerald Frank Bender.....Columbus
 Giora Alexander Bendor.....New Rochelle, N. Y.
 John Earl Bittner.....Cleveland Heights
 Richard Lawrence Bouman.....Brunswick
 Raymond Arthur Budd.....Jefferson
 Robert Charles Bulkley.....Columbus
 Clarence Charles Cernik.....Parma
 Stephen Thomas Cost.....Alliance
 Joseph Ernest Dryer (cum laude).....Columbus
 Larry David Duff.....Willshire
 Robert Glen Dunbar, Jr.....Mt. Blanchard
 Robert Bernhard Dybdal.....Glendale, Mo.
 John Henry Eickel.....Bucyrus
 Frederick Francis Franklin.....Olmsted Falls
 John Freeland.....Columbus
 Neil Reese Goss.....Logan

Ronald Dean Harman.....	Columbus
Wallace Mitsuo Imura.....	Kalaheo, Kauai, Hawaii
Michael James Jefferies.....	Columbus
John Gary Kampfner.....	Canton
Robert Lyman Keeper (cum laude).....	Wellsville
Joseph Vincent Kelly, B.A. (Northwestern University).....	Worthington
Terence Edward Kilcoyne.....	Oxnard, Calif.
James Teh-Zen Koo (summa cum laude).....	Kowloon, Hong Kong, China
Walter George H. Kronk.....	Long Island City, N. Y.
David Frederick Lehman.....	Columbus
Frank Michael Mangini.....	Columbus
Franklin Arthur Marting.....	Ironton
Ronald Earl Melvin.....	East Liverpool
Warren Rabold Minnick.....	Gahanna
Marvin Eugene Monroe.....	Nevada
James Patrick Moreland (cum laude).....	Dayton
Richard Lee Neal.....	Gallipolis
Edmund Frank Pawlowicz.....	Toledo
David Wharton Phillips.....	Baltimore
Allen Frederick Pulk.....	Detroit, Mich.
Kenneth Lynn Reinhard.....	Kettering
Robert Lee Riegler.....	Columbus
Sam R. Scott.....	Columbus
Everett Montague Shimp.....	Columbus
Thomas John Siderewicz.....	Columbus
Anthony Francis Vacchiano.....	Dayton
James Nicholas Weber.....	Milford
Walter James Wesner.....	Columbus
Jonathan David Young (summa cum laude).....	Dayton

(Forty-six candidates)

Bachelor of Industrial Engineering

Larry Douglas Barrington.....	Lima
Phillip Dado Cameron.....	Worthington
Michael John Colburn.....	Columbus
Thomas William Ginder.....	Galion
Russell Lowell Heizer.....	Springfield
Francisco Matanzo, Jr.....	Delaware
Joe Donald Pickett.....	Crown City
Donald George Robison.....	Parma
Lee Whittinghill Samuelson.....	Findlay
Leo Singleton.....	Cincinnati
Daniel Leslie Taylor.....	Toledo
William Allen Webster.....	Hamilton
Frederick Norman Zapf.....	Vero Beach, Fla.

(Thirteen candidates)

Bachelor of Mechanical Engineering

Robert Francis Brannon.....	Zanesville
John Preston Caldwell.....	Bay Village
Richard Glenn Chapman.....	Port Clinton
William Edward Clark, Jr.....	Dayton
Frederick Bert Cook.....	Oak Hill
Alan Richard Davis.....	Carey

Donald Merle Drake.....	Columbus
Douglas Ernest Frey.....	Mentor
Arthur John Haft.....	Cleveland
Richard Clarence Hohman.....	Zanesville
Richard Jay Jeffery.....	Cleveland Heights
Robert Edmund Jones.....	Poland
Charles Lewis Linzell.....	Columbus
Dale Robert Logan.....	Kent
Paul Edmund McGill.....	Ashtabula
Terry David Murray.....	Columbus
Gerald Roger Nichols.....	Bellville
Jon Allen Ralph.....	McConnellsville
Curtis Albert Roller.....	Prospect
Panagiotis Basil Spyropoulos.....	Springfield
Tom E Stickler.....	Dayton
Ray Bernard Stout (cum laude).....	Hamersville
William Lee Tinapple.....	Columbus
Robert Carl Treue, Jr.....	Dayton
Richard Charles Uhde.....	Mansfield

(Twenty-five candidates)

Bachelor of Metallurgical Engineering

Charles Ronald Bird.....	New Bloomington
Nathaniel Miljus.....	Steubenville
John Eric Morral (cum laude).....	Columbus
Jeremy Painter Morse.....	Akron

(Four candidates)

Bachelor of Engineering in Mining

Charles Hamilton Daub.....	Ottawa
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(One candidate)

Bachelor of Science in Physics

Ralph Edgar Best.....	Syracuse, N. Y.
Robert Ivan Boughton, Jr. (summa cum laude).....	Columbus
*Wilmer Charles Gangloff, Jr.....	Cincinnati
James Maxwell Jaffe.....	Dayton
Robert Wisner Kinne (summa cum laude).....	Columbus
Donald Eugene Lauffer.....	Ardmore, Pa.
Kent Friedley Palmer.....	Chillicothe

(Seven candidates)

Bachelor of Welding Engineering

William Lee Ballis.....	Salem
Eldon DeWain Brandon.....	Coldwater
Russell Warren Flax, Jr.....	Jamestown
Richard Joe Merlini.....	Lafferty
Patrick Randolph Scott.....	Kettering
Wade Eugene Troyer.....	Millersburg

(Six candidates)

* Two degrees

SCHOOL OF ARCHITECTURE AND LANDSCAPE ARCHITECTURE

Bachelor of Architecture

Herbert Raymond Carpenter, Jr.	Grove City
Robert Stanley Davis	Columbus
Neil Alan Dick	Shaker Heights
Wolfgang Doerschlag	Blacklick
James Theone Ellis	Fremont
Paul Ross Freshwater	Columbus
Alan Harold Geiger	Lancaster
Roger L. Grimsley	Leesburg
Lee Thomas Hansen, B.Sc. in Edu.	Toledo
Thomas Andrew Heretta	Canton
Philip Allen Hughes	Youngstown
Philip Robert Johnson	Toledo
Melvin Thomas Klass	Columbus
Laszlo Gundel Koe-Krompecher	Caracas, Venezuela
Donald Roger Kruckeberg	Columbus
Robert Joseph Leuchs	East Meadow, L. I., N. Y.
Alan Robert McDonald	Columbus
James William Melsop	Columbus
William Walter Mikusa	Canton
Carl Moser Morr	Delta
John Ross Myers	Wintersville
Dennis Bruce Nicholson	Groveport
Frederick J. Osgood	Grand Rapids, Mich.
James Frank Riley (cum laude)	Columbus
Richard Paul Ross	Cuyahoga Falls
Jerry Lee Smith	Wilmington
Roger Owen Sparling	Brownsburg, Ind.
Richard Hume Talbott	Kensington, Md.
Charles Zane Wachtel	Ashland
Fred Ernest Weingand	Willoughby

(Thirty candidates)

Bachelor of Landscape Architecture

Richard Dennis Brooks	Dayton
Donald Scott Lingo	Cuyahoga Falls
Kenneth Yarnell Parsons	Toledo

(Three candidates)

COLLEGE OF LAW

Dean: FRANK R. STRONG

Juris Doctor

James Willard Carpenter, B.A. Columbus
Martin Richard Glick, B.A. Portsmouth
David Lyle Johnson, B.B.A. (University of Cincinnati) Kettering
William Charles Moul, A.B. (Miami University) LeRoy
Niki Zola Schwartz, B.A. Columbus
Richard R. Stedman, B.Sc. in Bus.Adm. Columbus

(Six candidates)

Bachelor of Laws

George Raymond Barry, B.Sc. in Bus.Adm. Portsmouth
Gerald Taylor Baynes, B.S. in Ind.Rel. (University of North Carolina)
London
Roger E. Bennington, B.Sc. in Edu. Circleville
Jason Almon Blue, B.Sc. in Bus.Adm. Upper Sandusky
William Thomas Bodoh, B.S.C. (Ohio University) Newark
Jack Alan Bonsky, A.B. (Ohio University) Canton
George William Brehmer, Jr., A.B. (Ohio University) Vermilion
John Dennis Burns, B.Sc. in Bus.Adm. Columbus
Robert Frank Chaffin, B.A. Columbus
Levitte Henry Clapham, B.S.C. (Ohio University) Sunbury
Thomas Carroll Coady, B.I.E. Columbus
Robert William Coffman, B.A. (Ohio Wesleyan University) Coshocton
Gerald Stanton Collins, A.B. (Ohio University) Cleveland
William Michael Connelly, B.S. in S.S. (John Carroll University) ... Toledo
John Samuel DeLibera, B.A. (University of Maryland) Hopedale
Theresa Doss, A.B. (Ohio University) Lorain
Robert Lee Eberhart, B.A. Findlay
John Zoltan Albert Fargo, A.B. (Ohio University) Rossford
David Calvin Faulkner, A.B. (Hiram College) Kenton
Robert Irwin Friedman, A.B. (Indiana University) Columbus
Nelson Lawrence Gordon, B.Sc. in Bus.Adm. Circleville
Arthur C. Graves, A.B. (Kenyon College) Mt. Vernon
James Richard Gregg, A.B. (Miami University) Lakewood
Chris Thomas Heil, B.A. (Bethany College) Martins Ferry
Arnold Lee Jack, B.S. in B.A. (Kent State University) Uhrichsville
Carl Wendell Jones, B.Sc. in Agr. Chillicothe
Elliot Michael Kaufman, B.Sc. in Bus.Adm. Shaker Heights
David Clarence Kelley, B.Sc. in Bus.Adm. Cuyahoga Falls
Douglas Stephen Keyt, A.B. (Denison University) Piqua
Francis Thomas Kremblas, Jr., B.Ch.E. Copley
David Paul Kuenzli, A.B., M.A. (Ohio University) Upper Sandusky
Charles Boyce Lang, B.A. (Ohio Wesleyan University) East Liverpool
Frank Thaddeus Luarde, B.B.A. (Western Reserve University) Girard
Gary Whealdon Lyons, B.Mus. Caldwell
Samuel James McAdow, B.S. (Northwestern University) Middletown
David Lyle McClure, B.Sc. in Bus.Adm. Columbus
William Rodgers McDavid, B.Sc. in Bus.Adm. Charleston, W. Va.
David Edward Miller, B.A. (Bowling Green State University) ... Louisville
Marvin Christopher Miller, B.A. (University of Toledo) Toledo
Patrick Joyce Morin, B.A. Columbus
Thomas Joseph Moyer, B.A. Sandusky

Richard Lawrence Norton, B.A.....Warren
 Frank Edward Pfaff, B.P.E. (Purdue University).....Bryan
 Daniel Joseph Rehor, B.S. in Bus. (Miami University).....Rocky River
 Donald Edward Risch, A.B. (Capital University).....Dayton
 Allen Richard Rule, B.Sc. in Bus.Adm.....Columbus
 John Theodore Ryan, B.Sc. in Bus.Adm.....Columbus
 Arnold R. Shifman, B.A.....Canton
 John Hattery Siegenthaler, A.B. (Denison University).....Mansfield
 Stanley Schreiner Smith, B.Sc. in Bus.Adm.....Washington C. H.
 Jon Ray Spahr, B.S. in Bus. (Miami University).....Kettering
 William Louis Stehle, B.B.A. (University of Notre Dame); M.B.A.
 (Indiana University).....Sandusky
 Richard Lynn Steinberger, A.B. (Butler University).....Lakewood
 Albert Shelby Tabor, Jr., B.Sc. in Bus.Adm.....Portsmouth
 Duke Winston Thomas, B.Sc. in Bus.Adm.....Niagara Falls, N. Y.
 Charles John Tyburski, B.A. (Ohio Wesleyan University)
 Charleston Heights, S. C.
 Warren Lezar Udisky, B.Sc. in Bus.Adm.....Columbus
 John Carroll Wasserman, Ph.B. (University of Detroit).....Toledo
 Donald Ruprecht Wheeler, B.A. (College of Wooster)....Glen Ridge, N. J.
 James Edwin Wilhelm, Jr., B.A.....Portsmouth
 Janice Elizabeth Wolfe, A.B. (Ohio University).....Racine
 Thomas George Zraik.....Toledo

(Sixty-two candidates)

COLLEGE OF MEDICINE

Dean: RICHARD L. MEILING

Doctor of Medicine

James Stephan Allen, A.B. (Denison University)	Dayton
Donald Allen Andre, B.Sc.	Columbus
George William Atkinson	Mansfield
Glen Frederick Aukerman, A.B. (Miami University)	Eaton
James Arrelaus Bailey, B.S. in Ed. (West Virginia State College)	Columbus
Howard Jerald Baker, B.Sc.	Shaker Heights
Paul Allen Beale, B.Sc.	Warren
James Martin Bearden, B.A. (Kent State University)	Cuyahoga Falls
Thomas Dean Beardmore, A.B. (Ohio University)	Mt. Perry
Richard James Beebe, B.Sc. in Bus.Adm.	Utica
*Charles Dean Bell (cum laude)	Wooster
Kenneth Lloyd Bergsman, B.S. (University of Dayton)	Trotwood
James Mitchell Blackford, B.Sc. (cum laude)	Martins Ferry
Harley Myron Blank, B.A.	Columbus
Leroy Bruce Bloomberg, B.A.	Youngstown
Norman Samuel Bobes, B.A.	Zanesville
William Scott Bolz, B.A.	Columbus
Richard Steven Bornstein, A.B. (Western Reserve University)	Cleveland Heights
Peter Robert Bringewald, B.M.E.	Huntington, N. Y.
John Paul Bryk, D.V.M.	North Royalton
James Duncan Burkholder, B.Sc.	Indiana, Pa.
John Alexander Burns, B.A. (Ohio Wesleyan University)	Delaware
Michael James Butler	Cincinnati
Joseph Grimes Caldwell, B.A.	Ashville
Doyle Edward Campbell, D.D.S.	Wapakoneta
John David Carey, B.A.	Wilmington
Stewart Patrick Chase, B.Sc.	Columbus
Charles Curtis Church, B.A.	Columbus
Robert Armand Cohen, A.B. (Washington and Jefferson College)	University Heights
Charles Frederick Collins, A.B. (Dartmouth College)	Worthington
*William Alta Cook	Columbus
John Cunningham, B.S.Edu., B.A. (Ohio Northern University)	Johnsville
Gary Ellis DeMuth, B.Sc.	Hicksville
Daniel Curtis Dunlap, A.B. (Ohio University)	Youngstown
Joseph Edward Duty, Jr., B.S. (University of Toledo)	Toledo
Alfred Jay Eckhardt, B.A. (Ohio Wesleyan University)	Bellefontaine
Stanley Lowell Fox, A.B. (Western Reserve University)	Shaker Heights
Nelson Randolph Fravel, Jr., B.Sc.	Fort Jennings
Gary David Friedman, B.Sc.	Akron
Harry Fronista, B.S. (University of Dayton)	Dayton
Lawrence Richard Fulmer, B.A. (Ohio Wesleyan University) (summa cum laude)	Lakewood
Joseph Carl Gabel, B.Sc.	Fremont
Richard Dean Garber	Dayton
Albert Samuel Geller, A.B. (Miami University)	Cincinnati
John Paul Goff, B.Sc.	Sunbury
Philip Ralph Gould, A.B. (Western Reserve University)	Cleveland

* Two degrees

Marvin Gene Green, A.B. (Wittenberg University) Bellefontaine
 Eugene Frank Gulish, B.S. (University of Michigan); M.Sc. Toledo
 Lawrence Marx Haas, B.Sc. Columbus
 Bradford Rawson Hale, A.B. (Miami University) Shaker Heights
 Alexander Stuart Halle, B.A. (Kent State University) Beachwood
 Charles Alvin Hanson, B.A. (Blackburn College) Belle Center
 Jon Allan Hardacre, B.Sc. Wapakoneta
 Gerald Duff Harrison, B.Sc. Columbus
 John Wilson Higbee, B.Sc. in Opt. Shadyside
 Robert Butler Hilty, A.B. (Duke University) Dayton
 James Joseph Hodge, B.A. East Liverpool
 Marc Jeffrey Horwitz, A.B. (Miami University) Cleveland
 Frank Wright Humberger, B.S. (Bowling Green State University) Clyde
 George Alexander Hunter, B.S. (Baldwin-Wallace College) Painesville
 Charles Benson Hurst, Jr., B.S. (Wheaton College) Dayton
 Phillip Edward Jarvis, B.A. (Ohio Wesleyan University) (cum laude)
 Van Wert
 Edward Irving Kassman, A.B. (Western Reserve University) Cleveland
 William Howard Kaye, A.B. (Western Reserve University)
 Cleveland Heights
 Edward Joseph Kimm, B.Sc. Minneapolis, Minn.
 Richard Thomas Knepper, B.A. Wellsville
 William Dale Knerr, B.S. (Cornell University); D.V.M. (New York
 State College of Veterinary Medicine) (cum laude) Shelby
 Kenneth Karl Koch, B.S. (John Carroll University) Fremont
 James Wilbur Landes, B.Sc. Bellevue
 James Michael Lewis, B.A. (Kent State University) Ravenna
 Bernard James Liddy, B.S. in Bus.Adm. (University of Dayton) Piqua
 Ronald Litvak, A.B. (Western Reserve University) University Heights
 Alan Lloyd Longert, B.S. Phar. (Ohio Northern University)
 Cleveland Heights
 Raymond Sterling Lord III, B.A. (College of Wooster) Fredericktown
 David Leonard Louis, A.B. (Western Reserve University) Ashtabula
 Robert Nelson Ludwig, B.S. (Ohio University) Lima
 Jerry Lee Maloon, B.Sc. Union City, Ind.
 William Jerry McCloud, B.Sc. Middletown
 Paul Timothy McGhee, B.S. (Xavier University) Columbus
 Carolyn Renshaw McKelvey, B.A. (University of Kansas) Columbus
 *Bruce Perry Meyer Columbus
 *David Lee Miller, B.Sc. Columbus
 John Miller, A.B. (Western Reserve University) Cleveland
 Lester Ray Mohler, B.S. (Capital University) North Canton
 Charles Joseph Montgomery, A.B. (Duke University) Circleville
 Paul Everett Moody, Jr., B.S. in Sec. Edu. (Austin Peay State College);
 A.M. (George Peabody College) Ada
 Walter George Moster Cincinnati
 Charles Carey Nicolette, B.Sc. Leetonia
 John Edward Niederhuber, B.S. (Bethany College) Steubenville
 *Bjorn Whildin Nilson Worthington
 Peter Edward Nims, B.S. (Adrian College) Troy
 Larry Allen Oates, B.Sc. (cum laude) Dunkirk
 Eric Ronald Oches, B.A. (Ohio Wesleyan University) Lakewood
 Arthur Juris Ozolin, B.S. (University of Toledo) Toledo
 Richard Gary Paley, A.B. (Western Reserve University)
 University Heights
 John Paul Papp, B.A. (College of Wooster) Lakewood

• Two degrees

Bruce Robert Paxton, B.Sc. (cum laude) St. Clairsville
 Gerald Melville Penn, B.S. (University of Toledo) Toledo
 Paul Henry Phillips, B.Sc. Stow
 Donald Roy Piatt, A.B. (Marietta College) Woodsfield
 Larry Joe Porter, B.S. (Muskingum College) Gratiot
 John George Poulou, B.A. (Ohio Wesleyan University) Akron
 Richard Ross Prouty, A.B. (Western Reserve University) Newark
 Frederick Lee Remark, B.A. (Ohio Northern University) Canal Fulton
 Ralph George Rohner, Jr., B.S. (Capital University) Columbus
 Merritt Carleton Rudolph, B.A. (Ohio Wesleyan University) Liberty Center
 Thomas Wayne Ryerson, B.Aero.E. Columbus
 Stephen Frederick Schaal, B.A. (Ohio Wesleyan University)
 (cum laude) Akron
 Earl Andrew Schulte, B.S. (Heidelberg College) Ashland
 Charles David Schwindt, B.Sc. West Lafayette
 Lanny Stewart Seese, A.B. (University of Michigan) (cum laude) Tiffin
 Jerold William Shagrin, B.Sc. Youngstown
 Alfred Franklin Shoman, Jr., B.Sc. Coshocton
 Ronald Frederick Shotts, B.S. (Denison University) Youngstown
 Larry Michael Silvers, B.A. (Manchester College) Bradford
 Robert Small, B.Sc. Dayton
 Annemarie Sommer, A.B. (Wittenberg University) (cum laude) Springfield
 Edward DeLancy Sparks, B.Sc. Sidney
 Robert Bond Springer, A.B. (Harvard University) Cleveland
 Todd Craig Stallkamp, B.Sc. Delphos
 Peter Josef Karl Starek, B.A. (College of Wooster) Tehran, Iran
 Thomas Joseph Stefanik, B.S. (Kent State University) Cleveland
 Phyllis Aylleen Stephenson, B.Sc. Columbus
 Robert David Stocklin, B.A. Chillicothe
 Marilyn Weidner Strayer, B.S. (Bluffton College) Allentown, Pa.
 Joseph Thomas Stroyls, B.A. (College of Steubenville) (cum laude)
 Steubenville
 Gene Paul Swartz, B.S. (Denison University) Richwood
 James Ward Swinehart, B.A. (DePauw University) Troy
 Eugene Victor Tanski, B.S. (John Carroll University) Hudson
 Brant William Tedrow, B.S. (Ohio University); M.Sc. Nelsonville
 Byron Burton Timberlake, B.A. (Duke University) Hamilton
 Louis Joseph Tisovec, A.B. (Western Reserve University) Euclid
 Don George Traul, B.S. (University of Akron) Cuyahoga Falls
 Richard Frank Ulrich, B.S. (Xavier University) Cleveland
 Ronald Carl Van Buren, B.Sc. in Bus.Adm. Carey
 Pantel Steve Vokonas, B.A. (cum laude) Canton
 Lewis Whittier Winter, B.Sc. (McGill University) (cum laude) Lakewood
 Richard Wilbur Worst, B.S. (Denison University) Dayton
 Frank Creamer Wright, B.Sc. Columbus
 *Gerald Marvin Yosowitz Shaker Heights
 *Stephen Joseph Zaron (cum laude) Columbus

(One hundred and forty-one candidates)

**Bachelor of Science
in Medical Dietetics**

Jacqueline Louise Bayer Euclid
 Mary Beth Cain Columbus
 Sharon Hock Emley Ostrander
 Barbara Lucile Henderson (cum laude) St. Clairsville
 Marilyn Gayle Jay Columbus

* Two degrees

Barbara Lee King.....	Parma
Catherine Ellen McBride.....	Maumee
Linda Grace McMahan.....	Columbus

(Eight candidates)

SCHOOL OF NURSING

Bachelor of Science in Nursing

Virginia Cornell Acken (cum laude).....	Hilliard
Carol Lynne Ashton.....	Piqua
Nancy Jo Baehr.....	Bucyrus
Karen Ruth Bonini.....	Flossmoor, Ill.
Elaine Ruth Booth.....	Galion
Sue Ellen Bowker.....	Wilmington
Elizabeth Ida Boyd.....	Mt. Vernon
Margaret Marie Boysen.....	Kettering
Nancy Parker Briton.....	Elyria
Karen Lenore Brooke.....	Toledo
Barbara Jean Buggs.....	Cincinnati
Judith Ann Church.....	Toledo
Joan Carol Cleland.....	Columbus
Cathie Brodie Cline.....	Toledo
Kathryn Jeanne Cramblett.....	Carrollton
Nancy Lee Crist.....	Newark
Priscilla Curtiss.....	Findlay
Nancy Louise Davidson.....	Norwood
Jean Carol Davies.....	Rochester, N. Y.
Sandra Jean Deerhake.....	Toledo
Miriam Marie Dornbirer.....	Columbus
Ruth Ellen Dykes.....	Columbus
Susan Eichelberger Eldridge.....	Bucyrus
Barbara Ann Elleman.....	Dayton
Marilyn Meyer Elsass.....	Ottawa
Beverly Louise Fahy.....	Springfield
Virginia Lee Faust.....	Springfield
Letitia Lou Finley.....	Mt. Gilead
Jacqueline Dolores Fisher.....	Cleveland
Terrie McConnell Ford.....	Dayton
Elizabeth Anne Freeman.....	Wooster
Patricia Pershing Friend.....	Columbus
Karen Houser Frye.....	Cuyahoga Falls
Tamar Jane Gilson.....	Napoleon
Joyce Marie Graziani.....	Orinda, Calif.
Carol Ann Grim.....	Mt. Sterling
Sharon Kay Grimes.....	Fairborn
Rosemary Moore Grube.....	Dayton
Phyllis Georgianne Gruden.....	Chardon
Joyce Ann Haldane.....	Waverly
Constance Jay Haley.....	Springfield
Jean Ellen Haller.....	Mansfield
Rose Marie Hazucha.....	Cleveland
Nancy Denise Heinlein.....	Erie, Pa.
Marilyn Marie Herbst.....	Massillon
Patricia Ann Hieb.....	Hamilton

Diane Jessie Hoskin.....New London
 Ruth French Howser (cum laude).....Lima
 Suzanne Marie Irvin.....Wooster
 Suzanne Jennet Jackson.....Akron
 Carolyn Shaffer Jamieson.....Rockford
 Nicole Kessler Jeffers (summa cum laude).....Columbus
 Cora Avis Jenkins.....West Mansfield
 Kathleen Ann Jenkins.....New Philadelphia
 Susan Elizabeth Jones.....Greenville
 Marvel Jean Kagy, B.Sc. in Edu.....Bloomville
 Joyce Ann Karafa.....Seven Hills
 Judith Ann Kaufman.....Akron
 Annette Marie Kiefer.....Coshocton
 Amelia Louise Kiesling.....Canton
 Catherine Snider Klever.....Wilmington
 Janet Joyce Kneffler.....Massillon
 Laurene Ann Kriscak.....Lakewood
 Patty Boden Lundin.....Bay Village
 Paulette Pennington Luneborg.....Washington C. H.
 Sharon Elaine Matusoff.....Dayton
 Judith Anne McAndrews.....Columbus
 Barbara McCartney.....Piqua
 Joyce Lowe McComb.....Middletown
 Natalie Ann McConnell.....Massillon
 Normajean Merrill.....Springfield
 Nancy Groh Miller.....Canton
 Margaret Ann Montgomery.....Cincinnati
 Derian Mooney.....Columbus
 Carol Townsend Neff.....Salem
 Terry Ann Ochsenhirt.....Akron
 Rita Karla Pfaff.....Fairview Park
 Dorothy Susan Pike.....Akron
 Sandra Sue Pope.....Gallipolis
 Linda Lou Ricker.....Canton
 Doris Jean Roediger.....Wapakoneta
 Ruth Ann Ropp.....London
 Janice Earl Ruffin.....Cleveland
 Janice Ruth Sandiford.....Youngstown
 Margaret Jean Schopfer.....Millersburg
 Mary Elizabeth Schuchert.....McKees Rocks, Pa.
 Sandra Lynn Shockey.....Greenfield
 Bonnie Lou Shoemaker.....Columbus
 Patricia Anne Shoemaker.....Marion
 Karen Helen Shufelt.....Bellevue
 June Lee Skelly.....Navarre
 Phyllis Kay Smith.....Dayton
 Barbara Morgan Spitler.....Wooster
 Pamela Nowak Stallkamp.....Kettering
 Janet Evelyn Stiff.....Athens
 Margaret Louise Stinson.....Clinton
 Sue Ellen Straker.....Greenville
 Marilyn Kay Strawman.....Risingsun
 Carolyn Ann Sunyoger.....Steubenville
 Joyce Ann Swartwood.....Binghamton, N. Y.
 Janice Lee Swartz.....Wapakoneta
 Mary Frances Smith Timmons.....Columbus

Sally Jane Toland.....Cambridge
 Judith Lee Trimble.....Park Ridge, Ill.
 Judith Ann Tucker (summa cum laude).....Springfield
 Judy Ann Uhl.....Parkersburg, W. Va.
 Mary Vasiliou.....Lakewood
 Mary Alice Vollrath.....Marysville
 Jenni Louise Walz.....Defiance
 Karen Leah Waters.....Silverton
 Alyce Faye Wattleton.....Cleveland
 Judith Lynn Wells.....London
 Mary Margaret Wiedle.....Clyde
 Ann Jeannette Wilson.....Massillon
 Geraldine Mary Wolski.....Lorain
 Susan Eleanor Wyker.....Columbus
 Judith Elaine Yocum.....Mingo Junction
 Mary Young.....Marion
 Virginia Ward Young.....Mt. Gilead
 Margery Joan Zimmer.....Navarre

(One hundred and twenty candidates)

COLLEGE OF PHARMACY

Dean: LLOYD M. PARKS

Bachelor of Science in Pharmacy

Barry Martin Adelman.....	Akron
James Darrell Akers.....	Dayton
John Holmes Campbell.....	Columbus
Sylvia Gayle Day.....	Columbus
JoAnn Mary Flower.....	Kent
Frank George Fuschino, A.B. (Gettysburg College).....	Maplewood, N. J.
Philip Daniel Gressel.....	Cleveland Heights
Carl William Grodach.....	Beachwood
Robert Ellis Hall.....	Columbus
Sylvia Louise Harper.....	Warren
Robert Stanley Hayman.....	Hubbard
Jerry Joseph Horwitz.....	Cincinnati
Alice Sawada Ikeda.....	Uniontown
Patricia Morrison Jones (cum laude).....	Stryker
Phyllis Ann Kile.....	Caledonia
Melvin William Kroot.....	South Euclid
John Alan Lincewicz.....	Columbus
Jerry Joseph Mahone.....	Akron
William David Mason.....	Columbus
Kenneth Elson McCullough.....	Pomeroy
Gary Lee McFarland.....	Springfield
Wanda Jean Mizer (summa cum laude).....	Stone Creek
Penny Parthemos.....	Youngstown
John Pontones, B.Sc.....	Malvern
Robert Edward Purtiman.....	Bellaire
Robert Richard Risch.....	Logan
Marvin Schein.....	Jamaica, N. Y.
Lois Parrot Schiff.....	Apple Creek
Elizabeth Ann Schlemmer.....	Akron
Jay Warren Schneider.....	Portsmouth
Virginia Crider Stiles.....	Toledo
Harry Taubman.....	New York, N. Y.
Ronald Lee Taylor.....	Columbus
Edward Aloysius Tepe.....	Cincinnati
Clayton Bruce Torok.....	Cadiz

(Thirty-five candidates)

COLLEGE OF VETERINARY MEDICINE

Dean: WALTER R. KRILL

Doctor of Veterinary Medicine

Raymond Eugene Applegate, B.Sc. in Agr.....	Butler
William Henry Aspinall III, B.S. (West Virginia University)	
	Roanoke, W. Va.
Roger Knowles Beck.....	Rushsylvania
Charles August Beutel.....	Olmsted Falls
Darryl Norman Biery.....	Louisville
Dick Lessley Boyd, B.S. (Ashland College).....	Ashland
Kenneth Albert Brush.....	Leonardsburg
Linda Wrage Carpenter.....	Toledo
Ann Schola Clark, B.Sc. in Agr.....	Akron
John Edward Dearth, B.S.Agr. (West Virginia University)	
	Parkersburg, W. Va.
William David DeHoff.....	North Canton
Joseph Nicholas Farkas, B.Sc. in Agr.....	Avon
Theodore Shirl Fickes.....	Leetonia
*Max Wallace Flockerzie.....	Bellville
Robert Lewis Gay, B.S.Agr. (West Virginia University)....	Buckeye, W.Va.
Phillip Ray Glick.....	Stryker
Francis Howard Goldsmith, Jr., B.Sc. in Agr.....	Columbus
John Ralph Guarasci.....	Columbus
Lawrence Edward Heider.....	Fairborn
Sarah Wing Highley.....	Mechanicsburg
Donald Hugh Hostetler, B.S. (Bluffton College).....	Struthers
Douglas DeWeese Hulme.....	Piqua
William Ward Hunter, Jr.....	Fresno
Edwin Croskey Johnson, B.A. (Muskingum College).....	Flushing
Paul Joseph Klinefelter.....	Marion
Jack Rolland Knoll.....	Norwalk
Dennis Fredrich Kohn.....	Toledo
Robert Dean Linnabary, B.Sc. in Agr.....	Columbus
Thomas Lynn McCartney, B.Sc. in Agr.....	Mt. Vernon
Lawrence Theodore McGovern.....	Columbus
David Mark Miller.....	Rockford
Donald Michael Murphy.....	Springfield
Robert Louis Nehls.....	Oak Harbor
Gordon Reed Nelson.....	Galloway
James Erben Novy.....	Northfield
Russel Jacob Nyland, B.Sc. in Agr.....	Jefferson
Larry Nelson Oldham.....	Dayton
Clark Stephens Patton (cum laude).....	Springfield
Albert Ferdinand Polk, Jr., A.B. (Hamilton College).....	Dayton
Michael James Reardon (cum laude).....	Millersport
Michael Thomas Reese, A.B. (Western Reserve University) (cum laude)	
	Hinckley
Robert Walter Sayle.....	Chagrin Falls
Larry Lee Scott.....	Canton
Richard Kenneth Selby.....	Cleveland
Donald Mark Sells.....	Apple Creek
Jack Ervin Shanks.....	Urbana
Estel Eugene Snyder, B.Sc. in Agr.....	Wilmington

* Two degrees

Alfred Charles Standen, B.A., M.A. (Kent State University).....Lorain
 Edwin Lee Stanley II, B.Sc. in Agr.....Youngstown
 Earl Oliver Strimple.....Granville
 John Durant Toft II (cum laude).....Columbus
 Herbert Carl Topp.....New Bremen
 Richard Paul Tschantz, B.Sc. in Agr.....Nevada
 James Francis Vondruska.....LaGrange Park, Ill.
 Richard Stanley Werner, B.Sc. in Agr.....Terrace Park
 Oram Clark Woolpert.....Columbus
 Wallace Basil Wright, B.Sc. in Agr.....Baltimore
 *Aubrey Eugene Wyatt.....Dayton

(Fifty-eight candidates)

* Two degrees

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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, ¹ Dayton.....	May 14, 1961	May 13, 1968
JOHN W. BRICKER, ² Columbus.....	May 14, 1962	May 13, 1969
CARLTON S. DARGUSCH, ³ 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

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

² Served two previous terms (1948-1962)

³ 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.

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.

July 17, 1964 meeting, Board of Trustees

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 RH₀(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 Keweenaw 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.

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)

- 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,

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 per cent 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.

* * *

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)	<u>10, 621. 22</u>	<u>11, 262. 00</u>
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.

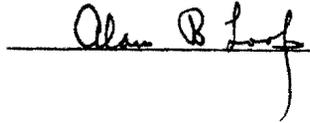
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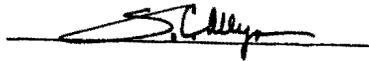
The following communications from the four members who were not in attendance, indicating their approval and ratification of all actions taken by the Board at the meeting on July 17, 1964, are included in the minutes for the record.

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. Lutz", 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.

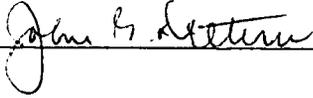
I have read the minutes of the meeting of July 17, 1964, which I was
unable to attend. The minutes are not only satisfactory, but I
approve of all the actions taken. You may record my vote that way.



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:

John T. Mount
Secretary

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 B₁₂
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) Gobeiry, 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
- John Downing Curry, A.B. (Wilmington College).....Xenia
*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
- Ernest Roderick Deihl, B.S. (Bluffton College); M.A.....Mansfield
*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
- John Richard Dettre, B.A., B.Sc. in Edu., M.A.....Newark
*Dissertation: Two Perspectives of Change in Secondary Education
over the Last Fifty Years*
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
- Sten Erik Drugge, B.A. (University of British Columbia)
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
- Joseph John Duggan, B.A. (Fordham University).....Philadelphia, Pa.
*Dissertation: Formulaic Language in the Old French Epic Poems Le
Siège de Barbastre and Buevon de Commarhis*
Field of Specialization: Romance Languages (French)
- Robert Garvin Dunn, B.S.Chem.Engr. (Louisiana State University); M.Sc.
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
- Bernice Dees Ellinger, B.Sc. in Edu., M.A.....Columbus
Dissertation: The Home Environment and the Creative Thinking Ability of Children
Field of Specialization: Education
- Walter Fritz Ersing, B.S. (Springfield College); M.A...Springfield, Mass.
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
Field of Specialization: Business Organization
- James Vincent Fee, B.S. in Edu., M.S. in Edu. (Southern Illinois University).....Carbondale, Ill.
Dissertation: An Experimental Study of Selected Factors Influencing the Comprehension and Retention of Information
Field of Specialization: Speech
- Robert Brewster Forrest, B.A. (University of Minnesota) Pine River, Minn.
Dissertation: An Empirical Study of Relative Orientation Errors in Aerial Triangulation
Field of Specialization: Geodetic Science
- Richard Harold Fulk, B.Sc. in Bus.Adm., M.A.....Canton
Dissertation: Premorbid Variables and Learning Parameters in Schizophrenia
Field of Specialization: Psychology
- Gary Eugene Galbraith, B.A. (Southern Illinois University); M.A. Tamaroa, Ill.
Dissertation: Variation in Sexual Behavior to Word Association Stimuli under Conditions of Sexual Arousal, Guilt, and Situational Expectancies for Censure
Field of Specialization: Psychology
- James Francis Gallander, B.Sc. in Food Tech.....Delphos
Dissertation: Relationship of the Chemical Constituents of Maple Sugar Sand to the Amount Formed During Maple Syrup Processing
Field of Specialization: Horticulture
- John Alden Gardiner, B.S. (University of North Carolina); M.Sc. Greensboro, N. C.
Dissertation: The Hydrolysis of Sodium Hydroborate
Field of Specialization: Chemistry
- William Jess Griffith, B.S. in Ed., M.Ed. (Bowling Green State University) Forest
Dissertation: Variables Affecting Public School Enrollment Change
Field of Specialization: Education

- Edward Emerson Hagenlocker, B.Sc. in Phys., M.Sc.....Ostrander
*Dissertation: Two-Phase Radio Frequency Heating of a Plasma Con-
 fined in a Magnetic Mirror System*
Field of Specialization: Physics
- Martha Taliaferro Halsey, A.B. (Goucher College); M.A. (State
 University of Iowa).....Baltimore, Md.
Dissertation: The Tragedies of Antonio Buero Vallejo
Field of Specialization: Romance Languages (Spanish)
- Lewis Franklin Hanes, B.Sc. in Agr., M.A.....Wakeman
*Dissertation: Discrimination of Direction of Movement at Short Ex-
 posure Durations*
Field of Specialization: Psychology
- Charles Louis Hatheway, B.Sc. in Agr., M.Sc.....Massillon
*Dissertation: The Physico-chemical Nature of the Bovine Erythrocyte
 Isoantigens; Some Aspects of the Immunochemistry of
 the F and V Antigens*
Field of Specialization: Dairy Science
- Kadambar Seetharama Holla, B.Sc. (University of Madras); B.Sc. (Tech.),
 M.Sc. (Tech.) (University of Bombay)...Kasargod, Kerala, India
*Dissertation: Methods for the Estimation of Glycerol in Neutral Gly-
 cerides, Phospholipids, and Cardiolipins by Gas-Liquid
 Chromatography*
Field of Specialization: Physiological Chemistry
- Thomas Edwin Hoover, B.I.E., M.Sc.....Columbus
*Dissertation: Informational and Human Factors in the Design of
 Man and Machine Management Control Systems*
Field of Specialization: Industrial Engineering
- Allan Leo Horvath, B.S. (University of Dayton); M.S. (University of
 Michigan)Dayton
*Dissertation: Stratigraphy of the Silurian Rocks of Southern Ohio and
 Adjacent Parts of West Virginia, Kentucky, and Indiana*
Field of Specialization: Geology
- Charles Joseph Houghton, B.A. (University of Utah); M.A.
 Castle Gate, Utah
Dissertation: Finite-Coherent Peano Spaces
Field of Specialization: Mathematics
- Jesse David Humberd, B.S. (William Jennings Bryan University);
 A.B. (Wittenberg University); M.A.; B.D. (Grace Theological
 Seminary)New Carlisle
Dissertation: Religious Bearings in the Development of Mathematics
Field of Specialization: Education
- Norman Carlton Jacobs, A.B. (Capital University); M.A....Bowling Green
*Dissertation: The Evolution of the American Elementary School: 1920-
 1960*
Field of Specialization: Education
- Adaline Dorothy Seitz Jones, B.S. in Ed. (Pennsylvania State Teachers
 College, Shippensburg); M.A.....Columbus
*Dissertation: A Survey to Determine the Knowledges and Skills Need-
 ed by Clerical Workers in First-Level Entry Occupa-
 tions in Digital Computer Installations*
Field of Specialization: Education
- Miriam Bierbaum Kapfer, B.M.E. (Drake University); M.M.E.
 (University of Kansas).....Winfield, Kans.
*Dissertation: Music Instruction and Supervision in the Public Schools
 of Columbus, Ohio, from 1845 to 1900*
Field of Specialization: Education

- Philip Gordon Kapfer, B.A., M.A. in Ed. (Iowa State Teachers College)
Winfield, Kans.
Dissertation: Criteria for Evaluating Research and Their Application to Science Education
Field of Specialization: Education
- Thomas Arnold Klein, B.S. in Bus. Adm. (University of Dayton); M.B.A. (University of Detroit).....Toledo
Dissertation: The Performance Implications of Brand Advertising: Simulation of a Typical Market for Packaged Whole Milk
Field of Specialization: Agricultural Economics and Rural Sociology
- Joel Richard Klink, B.Sc.....Nevada
Dissertation: The Effect of Substituents on the Acid-catalyzed Rearrangement of N-Methyl-N-nitro-X-anilines
Field of Specialization: Chemistry
- Kiheï Koizumi, B.Econ., LL.B. (Kuyushu University); M.S. (Bucknell University)Takasaki, Japan
Dissertation: Japan's Economic Growth and Balance of International Payments in the 1950's
Field of Specialization: Economics
- Frank Komitsky, Jr., B.S. (Grove City College).....Butler, Pa.
Dissertation: The Structures of the Osage Orange Root Bark Pigments and Nuclear Magnetic Resonance Studies on Sugar Derivatives
Field of Specialization: Chemistry
- Howard William Kottler, B.A., M.A.; M.F.A. (Cranbrook Academy of Art)Cleveland
Dissertation: An Exhibition of Pottery in Support of Three Processes in Ceramics
Field of Specialization: Art
- Ivan Paul Krafchick, B.A. (Seton Hall University); M.A. (Columbia University).....Maplewood, N. J.
Dissertation: An Investigation of the Identification of Misarticulations
Field of Specialization: Speech
- Ruth Marilyn Larson, B.S. (Parsons College, Iowa); M.S. (University of Tennessee)Atlanta, Ga.
Dissertation: Strategies of Inquiry of Ten- to Twelve-Year-Old Children
Field of Specialization: Education
- Trent Waters Latimer, B.Cer.E., M.Sc.....West Lafayette
Dissertation: Relationship of Phase Development to Dielectric Properties of Alkaline Earth-Alumina-Silica Ceramics
Field of Specialization: Ceramic Engineering
- Hsing-San Lee, B.S. (National Taiwan University); M.Sc. Taipei, Taiwan, China
Dissertation: Effects of Stress on the Electrical Characteristics of a Tunnel Diode
Field of Specialization: Electrical Engineering
- Lawrence Wilson Lichty, B.A. (University of Southern California); M.A.....Palm Desert, Calif.
Dissertation: "The Nation's Station," a History of Radio Station WLW
Field of Specialization: Speech

- Chunchang Lo, B.S. in Eng. (National Taiwan University); M.Sc.
Taichung, Taiwan, China
Dissertation: The Solution of Plane Harmonic and Biharmonic Boundary Value Problems in the Theory of Elasticity
Field of Specialization: Engineering Mechanics
- Gordon William Ludolf, B.S., M.A. (East Tennessee State College)
Johnson City, Tenn.
Dissertation: Pattern Bargaining in the Rubber Industry
Field of Specialization: Economics
- Jean Maloney, M.A. (University of Glasgow, Scotland)
Los Angeles, Calif.
Dissertation: Flying: Some Aspects of Poetic Invective Debate
Field of Specialization: English
- James Edward Marcia, A.B. (Wittenberg University); M.A. Columbus
Dissertation: Determination and Construct Validity of Ego Identity Status
Field of Specialization: Psychology
- John Glenn Maxwell, B.S. in Edu., M.A. (Kent State University) Kent
Dissertation: Derivative in Measure Space: Abstract and Applied
Field of Specialization: Mathematics
- Dwight Richmond McCurdy, B.S.For., M.S.For. (Purdue University)
Columbus
Dissertation: Factors Associated with Willingness of Private Woodland Owners in Ohio to Provide Outdoor Recreation Facilities
Field of Specialization: Agricultural Economics and Rural Sociology
- William Worth McDougald, A.B. (Emory University); M.A. (University of Georgia) Statesboro, Ga.
Dissertation: Federal Regulation of Political Broadcasting: A History and Analysis
Field of Specialization: Speech
- Robert Duncan McQuigg, B.S. (Muskingum College) Wooster
Dissertation: The Primary Processes in Formaldehyde Photolysis
Field of Specialization: Chemistry
- Shizuo Mizushina, B.Sc. (Shizuoka University); M.Sc. Fujisawa, Japan
Dissertation: The Circular-Electric-Mode Retarding-Field Oscillator
Field of Specialization: Electrical Engineering
- Mary Sferrella Montebello, B.S. (College of Saint Mary of the Springs);
M.A. Columbus
Dissertation: The Thinking and Practices of Ohio City Elementary School Principals in Reference to Unit Teaching and the Integrative Curriculum Organization
Field of Specialization: Education
- William Wilson Morrison, B.S. (Northwestern University) Cincinnati
Dissertation: Tryptophan Pyrrolase Messenger Ribonucleic Acid
Field of Specialization: Physiological Chemistry
- John Lewis Nethers, B.Sc. in Edu., M.A. Newark
Dissertation: Simeon D. Fess: Educator and Politician
Field of Specialization: History
- Anthony Kiefer Newman, B.E.E., M.Sc. Columbus
Dissertation: Linear Filters with Rapidly Varying Periodic Parameters
Field of Specialization: Electrical Engineering

- Charles Pappas, B.S. (Central Michigan University); A.M. (University of Michigan).....Marquette, Mich.
Dissertation: An Evaluation of the Ohio Wholesale Management Development Program
Field of Specialization: Education
- Ram Kishore Patel, B.Sc. (Ag.) (University of Allahabad); M.Sc. (Ag.) (Agra University).....Janipur, India
Dissertation: Management of State Agricultural Experiment Stations' Research Facilities in the U.S. and Implications for Rajasthan
Field of Specialization: Agricultural Economics and Rural Sociology
- Donald Leo Patin, B.S. (Wisconsin State College, River Falls) Edén, Wisconsin
Dissertation: Polysaccharides of the Coffee Bean
Field of Specialization: Chemistry
- Paul Allen Payne, B.A. (Phillips University); B.D. (Yale University Divinity School); M.A.....Columbus
Dissertation: The Prediction of Practicum Performance by Means of Counselor Responses to Interview Excerpts
Field of Specialization: Psychology
- Filippo Pennella, B.S. (Upsala College).....East Orange, N. J.
Dissertation: Absorption Spectrum of VCl₄
Field of Specialization: Chemistry
- Stuart Lee Petrie, B.Aero.E., M.Sc.....Columbus
Dissertation: Inviscid Non-Equilibrium Flow of an Expanded Air Plasma
Field of Specialization: Aeronautical and Astronautical Engineering
- Victor Paul Petro, B.Sc., M.Sc.....Lorain
Dissertation: Cryoscopic, Spectroscopic, and Conductimetric Study of Phosphorus Pentachloride in Selected Nonaqueous Solvent Systems
Field of Specialization: Chemistry
- Donald John Pinkava, B.Sc. in Edu., M.Sc.....Chagrin Falls
Dissertation: Biosystematic Study of Genus Berlandiera DC. (Compositae)
Field of Specialization: Botany and Plant Pathology
- Agnes Louise Porter, A.B. (Pennsylvania State University); M.A. (University of Pittsburgh).....Pittsburgh, Pa.
Dissertation: The Construction and Testing of a Forced Choice Scale for Measuring Achievement in Oral Interpretation
Field of Specialization: Speech
- Joseph John Quaranta, Jr., B.Sc. in Edu., M.A.....Ashtabula
Dissertation: School Counselors-in-Training: Emergence of Role Perceptions
Field of Specialization: Education
- 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.
Dissertation: Education for Professional Nursing: Foundations, History, Principles, Problems
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*
Field of Specialization: Agricultural Education
- James William Rinehart, B.A., M.A. (Michigan State University)
Grosse Pointe, Mich.
Dissertation: Mobility Aspirations, Achievements, and Mental Illness
Field of Specialization: Sociology
- Shaker Shihata Rizk, B.Sc. (Agr.) (Cairo University); M.Sc. (Alexandria
University) Cairo, Egypt
Dissertation: Firmness and Related Chemical Constituents of Tomatoes
Field of Specialization: Horticulture
- Mary-Lyell Swett Rogers, A.B. (University of Illinois); M.S. (Western
Reserve University) Athens
*Dissertation: Measurable Changes in Marriage Role Expectations:
University Level*
Field of Specialization: Home Economics
- Bhairab Nath Roy, B.Sc. (Hons.), M.Sc. (Tech.) (University of Calcutta)
Calcutta, India
*Dissertation: Stereospecific Synthesis of Geometric Isomers of Acyclic
C₆-Conjugated Dienes and Their Reactions*
Field of Specialization: Chemistry
- Edward Carl Roy, Jr., B.Sc. San Antonio, Tex.
*Dissertation: Pleistocene Non-Marine Mollusca of Northeastern Wis-
consin*
Field of Specialization: Geology
- Thomas Joseph Morton Schopf, A.B. (Oberlin College) Columbus
*Dissertation: Conodonts of the Trenton Group (Ordovician) in New
York, Southern Ontario, and Quebec*
Field of Specialization: Geology
- David Adrian Schum, B.A., M.A. (Southern Methodist University)
Dallas, Tex.
*Dissertation: Two Studies Comparing Human and Automated Esti-
mations of Posterior Probabilities in a Complex Stimulus
Environment*
Field of Specialization: Psychology
- Robert Frederick Adams Schumann, B.A. (Ohio Wesleyan University);
M.A. Mansfield
*Dissertation: The Development and Use of Teacher Effectiveness Pro-
files for the Diagnosis and Improvement of Instruction*
Field of Specialization: Education
- Peter Stefan Seadle, A.B., A.M. (Wayne University) Detroit, Mich.
Dissertation: Die Weltanschauung des Theaterkritikers Alfred Kerr
Field of Specialization: German
- Barbara Halliday Settles, B.Sc. in H.E., M.Sc. Powell
*Dissertation: Factors Affecting the Familial Orientation of Young
Families in a Rapidly Urbanizing Area of Franklin
County, Ohio*
Field of Specialization: Home Economics
- Louis Arden Sheets, A.B., M.A. (Marshall University) .. Huntington, W. Va.
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 D₂O
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 Antithyrotic 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 C¹⁴ 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 a-Oximino- and a-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 MaryBaghdad, 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-ShammaBaghdad, 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 FuryColumbus
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 KerrColumbus
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 Gillaspy 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 Fullgrabe..... 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.

* * *

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.

C
O
P
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.

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

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.

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.

President
The Ohio State University

Chairman
Board of Trustees

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.

September 11, 1964 meeting, Board of Trustees

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:

John T. Mount
Secretary

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.

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. Appropria-
te 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</u>		
<u>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:

John T. Mount
Secretary

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 Electromagnetic 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.

November 6, 1964 meeting, Board of Trustees

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:

John T. Mount
Secretary

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:

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	\$ <u>17,925.00</u>	\$ <u>19,000.00</u>
<u>Electrical Contract</u> (2 bids received 11-17-64) S. & S. Electric Company (Columbus)		
Base Bid	\$ <u>23,800.00</u>	\$ <u>26,000.00</u>
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)		
	\$ <u>197,800.00</u>	\$ <u>205,000.00</u>
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."

* * *

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

: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 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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December 10, 1964 meeting, Board of Trustees

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 H₂ -D₂ 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 BH₂ NH₂ 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, γ) Angular Correlations in Ti⁴⁸
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 He³ and d with Np²³⁷
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 Tosyl-hydrazones 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 C¹⁴ 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
Darryl 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 Dagleish	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.

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 CO₂ 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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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:

John T. Mount
Secretary

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.

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

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 CL³⁶ 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^e, 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 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. Gross Value - \$24,000.00.
EES 208 Ext. #5	Development of Instrumentation to Measure Pavement Thickness, Ohio Department of Highways, Columbus, Ohio, Bureau of Public Roads, Washington, D. C. 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. 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. 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. Gross Value - \$45,000.00.

TOTAL - Government Research Contracts \$237,516.00

2. Industrial Research Contract

EES 255 Ext. #1	Biodegradation of Spic and Span, Procter & Gamble Company, Cincinnati, Ohio. 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.

February 11, 1965 meeting, Board of Trustees

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:

John T. Mount
Secretary

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>
TOTAL ALL CONTRACTS	<u>\$14,537,173.00</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 CO₂ 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>
 <u>Plumbing Contract</u>		
(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>
 <u>Electrical Contract</u>		
(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>

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
TOTAL ALL CONTRACTS	<u>\$2,074,925.00</u>	<u>\$2,293,961.00</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."

* * *

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

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.

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 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

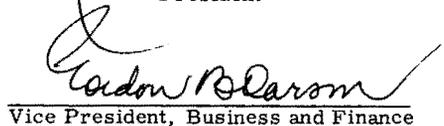
- Note 1 The term dormitory facilities as herein used shall mean dormitory facilities as that term is defined in the Trust Agreement with The Ohio National Bank of Columbus, dated as of April 15, 1957, as supplemented by First through Fifth Supplemental Trust Agreements.
- Note 2 Estimated net income 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:

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 Butterman, 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 C¹⁴-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

Sattollia 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

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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

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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>

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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

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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

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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

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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

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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.

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(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

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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

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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,

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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

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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

Fifth Supplemental Trust Agreement

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

Fifth Supplemental Trust Agreement

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

Fifth Supplemental Trust Agreement

provided in the Bond Resolution, no Bonds of any series may be called unless the same proportion of the outstanding Bonds of each other series, then callable, are called at the same time.

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

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

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

_____.

(Form of Trustee's Authentication Certificate)
TRUSTEE'S CERTIFICATE

This Bond is one of the Bonds described in the within mentioned Trust Agreement as supplemented by Fifth Supplemental Trust Agreement dated as of April 15, 1965.

The Ohio National Bank of Columbus,
Trustee

By _____
Authorized Officer

Fifth Supplemental Trust Agreement

(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").

Fifth Supplemental Trust Agreement

The University hereby reserves the right to call and redeem the Bonds of this series prior to maturity as a whole, or in part, in inverse order of maturity, on any interest payment date on or after 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.

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

(Form of Trustee's Authentication Certificate)
TRUSTEE'S CERTIFICATE

This Bond is one of the Bonds described in the within mentioned Trust Agreement as supplemented by Fifth Supplemental Trust Agreement dated as of April 15, 1965.

The Ohio National Bank of Columbus,
Trustee

By _____
Authorized Officer

Fifth Supplemental Trust Agreement

NOW, THEREFORE, THIS SUPPLEMENTAL TRUST AGREEMENT,

WITNESSETH that in order to secure the payment of the principal of and interest on the Bonds according to their true intent and meaning, and to secure the performance and observance of all covenants and conditions therein and herein, in the Bond Resolution and in the Trust Agreement contained, and for and in consideration of the premises and of the purchase and acceptance of the Bonds by the holders thereof from time to time, and the acceptance by the Trustee of the further trusts hereby created, and for other good and valuable considerations the receipt of which is hereby acknowledged, the University has executed and delivered this Fifth Supplemental Agreement.

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

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

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

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

Fifth Supplemental Trust Agreement

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

Section 4. Concerning the Trustee. The Trustee hereby accepts the trusts hereby declared and provided and agrees to perform the same upon the terms and conditions in the Trust Agreement and in this or any other Supplement set forth.

The Trustee shall not be responsible in any manner whatsoever for or in respect of the validity or sufficiency of this Supplement or the due execution thereof by the University, nor for or in respect of the recitals herein contained, all of which recitals are made by the University solely. In general, each and every term and condition contained in the Original Trust Agreement shall apply to this Supplement, with such omissions, variations and modifications thereof as may be appropriate to make the same conform to this Supplement.

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

(Seal)

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

Attest:

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.

* * *

Minutes of the last meeting were approved.

* * *

April 8, 1965 meeting, Board of Trustees

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.

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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.

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.

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.

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)

- 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.

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 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	\$ 299,900.00	\$ 328,200.00
 <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	\$ 55,996.00	\$ 58,920.00
 <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.

May 13, 1965 meeting, Board of Trustees

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

PRESIDENT
Maurice G. Hawcett

by
the students of Sphinx,
Mortar Board,
the Council of Fraternity Presidents
and the
Student Senate.

In 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

*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

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.

June 10, 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, 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 CL³⁶ 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 H³ (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^e, 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.

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	-	-
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	-	-
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	-	-
Alt. HAC-5 Omit Steam, Laboratory Equipment	-	-
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	-	-
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.

* * *

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.

* * *

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:

John T. Mount
Secretary

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
Field of Specialization: Mechanical Engineering
- Joan Spinanger Davis, B.S., M.S. (University of Cincinnati) . . . Cincinnati
Dissertation: Studies on the Kinetics and Mechanism of the D-Glucose-6-Phosphate Ketol-Isomerase Catalyzed Reaction
Field of Specialization: Agricultural Biochemistry
- David Wilson Deamer, Jr., B.S. (Duke University); M.Sc. Columbus
Dissertation: The Effect of Alkaline Earth Ions on Fatty Acid and Phospholipid Monolayers
Field of Specialization: Physiological Chemistry
- Gilles Emilio de La Fontaine, A.B. (Laval University); M.A. (University of Montreal) Delaware
Dissertation: Les Interventions Personnelles de La Fontaine dans ses Fables
Field of Specialization: Romance Languages (French)
- Earl Daniel Dietz, B.Cer.E., M.Sc. Warrensville Heights
Dissertation: A Study of the Superheating of an Albite Feldspar
Field of Specialization: Ceramic Engineering
- Benjamin Ebling, A.B. (Western Michigan University); A.M. (University of Michigan) Columbus
Dissertation: Diffusion of Innovation in Foreign Language Instruction: A Study of the Use of Audio-lingual Teaching Techniques by Former NDEA Language Institute Participants
Field of Specialization: Education
- James Stuart Fleming, Jr., B.A. (Northwestern University); M.A. (University of Buffalo) North Tonawanda, N. Y.
Dissertation: Renal Clearance Studies in Dogs During Pavlovian Conditioning
Field of Specialization: Physiology
- Harry Hong Sang Fong, B.S. in Phar., M.S. in Phar. (University of Pittsburgh) Erie, Pa.
Dissertation: A Phytochemical Investigation of the Non-phenolic Tertiary and Quaternary Alkaloids of Thalictrum Rochebrunianum, Franc. and Sav. (Ranunculaceae)
Field of Specialization: Pharmacy
- John Philip Ford, B.Sc. (University of London) Yellow Springs
Dissertation: Bedrock Geology in Southwest Hamilton County, Ohio
Field of Specialization: Geology
- Edward Lyle Fox, B.Sc. in Edu., M.A. Dayton
Dissertation: Thermal Responses of Man During Rest and Moderate Exercise in Helium-Oxygen Environment
Field of Specialization: Physiology
- Edwin Clark Franks, B.Sc. in Agr., M.Sc. Chagrin Falls
Dissertation: The Effects of Manipulated Egg Temperature on Incubation Behavior in the Ringed Turtle Dove, Streptopelia risoria
Field of Specialization: Zoology

- James Edward Fricke, B.S. in Edu. (Goshen College); M.A.
Greenfield Center, N. Y.
Dissertation: Monaural Phase Effects in Auditory Signal Detection
Field of Specialization: Speech
- William Jay Gephart, B.S. in Ed., M.Ed. (Wayne State University)
Adrian, Mich.
*Dissertation: Development of an Instrument for Evaluating Reports
of Educational Research*
Field of Specialization: Education
- Russell Frank Getson, B.S. in Edu. (Miami University) Kent
Dissertation: The Prediction of High School Dropout
Field of Specialization: Education
- Narinder Gill, B.Sc., M.Sc. (Panjab University) Khanna, Panjab, India
*Dissertation: The Syntheses of Neopentylbenzene and Cis- and Trans-
1,2-Dineopentylethylenes*
Field of Specialization: Chemistry
- † Thomas Leo Goodman, B.S., Ed.M. (Oregon State University)
Waldport, Ore.
*Dissertation: Instructional Programs in Secondary Schools Serving
Contrasting Socioeconomic Areas in Large Cities*
Field of Specialization: Education
- Ronald Dane Graft, B.S. (Ohio University); M.Sc. Hebron
*Dissertation: Pressure and Magnetic Field Effects in the He-Xe Infra-
red Maser*
Field of Specialization: Physics
- Idella Louise Graves, B.S., M.A. (Michigan State University) . Oak Park, Ill.
*Dissertation: Developmental Values Inherent in Selected Children's
Games*
Field of Specialization: Physical Education
- William Arthur Grimm, B.Sc. in Edu., M.A. Macedonia
*Dissertation: The Perception of Segments of English-spoken Conso-
nant-Vowel Syllables*
Field of Specialization: Speech
- Leonard Morton Guss, B.A. (University of Pennsylvania); M.B.A.
(Drexel Institute of Technology) Tacoma, Wash.
Dissertation: The Marketing Implications of Packaging
Field of Specialization: Business Organization
- Nancy Barnett Hamilton, B.S. (Eastern Kentucky State College); M.S. in
Ed. (University of Kentucky) Louisville, Ky.
*Dissertation: The Scientific Literacy of Seniors in Urban, Suburban,
and Rural High Schools in Kentucky*
Field of Specialization: Education
- Robert Warren Hardy, B.S., M.S. (Lehigh University) Columbus
Dissertation: Interaction of Acriflavine with Deoxyribonucleohistone
Field of Specialization: Chemistry
- Donice Averde Hawes, B.S. in H.Ec., M.S. (Kansas State University)
Manhattan, Kans.
*Dissertation: Clothing Utilization: A Study Emphasizing Length of
Wear*
Field of Specialization: Home Economics
- David Clinton Heckert, B.A. (Manchester College) Elgin, Ill.
Dissertation: The Synthesis of 2-Azabicyclo [2.2.1] Heptanes
Field of Specialization: Chemistry

† Degree granted in cooperation with Miami University

- Donald Edward Herr, B.Sc. in Agr.; M.S. (Michigan State University) Lodi
Dissertation: The Movement and Persistence of Picloram (4-Amino-3, 5, 6-trichloropicolinic Acid) in Soil
Field of Specialization: Agronomy
- Cecil Gerald Howard, B.A. (Agra University); M.B.A. Barseilly, India
Dissertation: A Study of the Motivational Value of Sales Contests in the Pharmaceutical Industry
Field of Specialization: Business Organization
- Jack Olen Howell, B.S.A. (University of Arkansas); M.A. LaRue
Dissertation: Relationships of School Superintendents' Proficiency in Economics to Job Performance
Field of Specialization: Education
- Yen-Lung Hung, B.S. (Taiwan Provincial Cheng Kung University); M.S. (University of Nebraska) Taipeihsien, Taiwan, China
Dissertation: I. Synthesis of Derivatives of 3, 6-Diamino-3, 6-dideoxy-D-altrose
II. Synthesis and Hydrazinolysis of Sulfonate Esters of Methyl 3, 6-Anhydro- α -D-glucopyranoside
Field of Specialization: Chemistry
- Herbert James Johnson, B.B.A., M.B.A. (University of Houston) Houston, Texas
Dissertation: The Integration of Organizational Components That Have Been Acquired Through Merger
Field of Specialization: Business Organization
- Donald Earl Johnston, B.S. (Wayne State University); M.S. (University of Maryland) Wooster
Dissertation: Comparative Studies on the Mouth-Parts of the Mites of the Suborder Acaridei (Acari)
Field of Specialization: Zoology and Entomology
- David Milton Jordan, B.A. (College of Wooster) Wilmington, Del.
Dissertation: A Kinetic Investigation of the Thermal and Acid-catalyzed Decompositions of α -Diazoacetophenones
Field of Specialization: Chemistry
- Mohan Dattatreya Karve, B.Sc., B.Sc. (Hons.), M.Sc. (University of Poona) Poona, India
Dissertation: The Influence of Substrate Composition and Initial pH on the Amino Acid Content of Dactylium dendroides Fr.
Field of Specialization: Botany and Plant Pathology
- Dae Sik Kim, B.Ch.E., M.Sc. Seoul, Korea
Dissertation: Fluid-Particle Heat Transfer
Field of Specialization: Chemical Engineering
- Terry James Klopfenstein, B.Sc. in Agr., M.Sc. West Unity
Dissertation: Effects of Defaunation and Antibiotic on Feed Digestibility, Rumen Metabolism, and Certain Blood Metabolites in Sheep
Field of Specialization: Animal Science
- Kenneth Kay Knaell, B.Sc. in Phys., M.Sc. Columbus
Dissertation: Lateral Effects in p-n Junctions
Field of Specialization: Electrical Engineering
- Erwin Miller Kohler, D.V.M., M.Sc. Hilliard
Dissertation: Studies of the in Vitro and in Vivo Activities of Specific Escherichia Coli Antibodies Produced and Evaluated in Orally Infected Gnotobiotic Pigs
Field of Specialization: Microbiology

- Bee Ku, B.S. in Eng. (National Taiwan University); M.S. (Virginia Polytechnic Institute) Kaohsiung, Taiwan, China
Dissertation: Analysis of Stresses and Displacements in Semi-infinite Viscoelastic Media
Field of Specialization: Civil Engineering
- Usha Kumar, B.A., M.A. (University of Lucknow) . . . Patiala, Punjab, India
Dissertation: Client and Counselor Responses to Prior Counselor Expectancies and to an Initial Interview
Field of Specialization: Psychology
- Tiruvarur Ramaiyer Lakshmanan, M.A. (University of Madras) Madras, India
Dissertation: A Theoretical and Empirical Analysis of Intraurban Retail Location
Field of Specialization: Geography
- James Kendel Lang, B.Sc. in Edu., M.A. Toledo
Dissertation: Four Measures of Audibility in Relation to Procedural Variables in the Method of Adjustment
Field of Specialization: Speech
- Sung Mook Lee, B.S. (Chosun Christian University); M.Sc. . . . Seoul, Korea
Dissertation: The Normal Vibrations of Diatomic Crystal Lattices
Field of Specialization: Physics
- Robert Powell Lottman, B.C.E. (Polytechnic Institute of Brooklyn); M.S.C.E. (Purdue University) Cleveland
Dissertation: A Thermorheological Approach to the Design of Asphaltic Mixtures
Field of Specialization: Civil Engineering
- Feng-Shyang Luh, B.A. (National Taiwan University); M.S. (University of Illinois) Tainan, Formosa, China
Dissertation: Controlled Cost: An Operational Concept and Statistical Approach to Standard Costing
Field of Specialization: Accounting
- Francis Glenn McGovern, B.S. in B.A. (Providence College); M.B.A. (Boston University) Dayton
Dissertation: The Residential Satellite: An Economic Case Study
Field of Specialization: Economics
- James Lyell Minor, B.Sc., M.Sc. (University of Nebraska) Grand Island, Nebr.
Dissertation: Hydrogenation of Glycosulose Bis (phenylhydrazones); A General Synthetic Route to Diamino Sugars
Field of Specialization: Chemistry
- Dale Edward Niesz, B.Cer.E., M.Sc. East Sparta
Dissertation: Effect of Porosity on the Strength of a Sintered Glass Powder
Field of Specialization: Ceramic Engineering
- Karl William Olson, B.E.E., M.Sc. Canton
Dissertation: Optimum Quantizer System Design
Field of Specialization: Electrical Engineering
- Patricia Paletta O'Reilly, A.B., M.A. (Hunter College) Columbus
Dissertation: The Acoustical Aspects of Vowels Phonated by Children
Field of Specialization: Speech
- Rinaldo Gene Pagnucco, B.S. (Mount Union College) Alliance
Dissertation: Synthesis of Purine Nucleosides of D-Galactose and D-Galacturonic Acid Derivatives
Field of Specialization: Chemistry

- Ronald Jack Penick, A.B., M.S. (Miami University).....Hilliard
Dissertation: Studies on Gangliosides from Human and Calf Brain
Field of Specialization: Physiological Chemistry
- Roscoe Dolan Ferritt, B.S. (Berry College) ; M.A., Ed.S. (George
 Peabody College for Teachers)Waycross, Ga.
*Dissertation: Curriculum Articulation Problems of Business Admin-
 istration Majors in the Public Colleges of Georgia*
Field of Specialization: Education
- George William Pfannebecker, B.M.E. (Polytechnic Institute of Brooklyn) ;
 M.S. (M.E.) (Rensselaer Polytechnic Institute).....Columbus
*Dissertation: Analytical Investigation of Magnetohydrodynamic Bound-
 ary Layers with Hall Effects*
Field of Specialization: Mechanical Engineering
- Lillian Williams Pierce, B.S.Ed. (Ohio University) ; M.A.....Carroll
*Dissertation: Factors Related to Nursing Students' Perceptions of
 Nurses and Nursing*
Field of Specialization: Education
- Rodney Fay Plimpton, Jr., B.S. (Rutgers University) ; M.Sc....Union, N. J.
*Dissertation: Diethylstilbestrol Implantation of Male Swine: Effect
 During Extended Growth on Carcass Composition, Mus-
 cle Quality, and Palatability*
Field of Specialization: Animal Science
- Corrado Ralph Poli, B.Aero.E., M.S. (Aero.E.) (Rensselaer Polytechnic
 Institute).....Troy, N. Y.
*Dissertation: A Study of the Effect of Man's Motion on the Attitude
 and Orbital Motion of a Satellite*
Field of Specialization: Engineering Mechanics
- Doyle William Rausch, B.Met.E.....Dover
Dissertation: Initial Oxidation of Tungsten and Tantalum
Field of Specialization: Metallurgical Engineering
- Donald Francis Rielle, B.S. (New York State University Teachers College,
 Plattsburg) ; M.Ed. (Ohio University)Columbus
*Dissertation: Perceptions of Components and Administrative Behavior
 in the Process of Delegating*
Field of Specialization: Education
- William Howard Rogge, B.Sc., M.Sc.....Bryan
Dissertation: The Near Infrared Emission Spectrum of OH
Field of Specialization: Physics
- Ira Roy, B.Sc., M.Sc. (University of Lucknow)
 Lucknow, Uttar Pradesh, India
*Dissertation: Glutamic Acid Dehydrogenase Activity Associated with
 Pathogenicity of Fusarium in Tomato*
Field of Specialization: Botany
- Edward Rydman, B.Sc. in Soc.Adm., M.A.....Dallas, Tex.
*Dissertation: Factors Related to Family Planning Among Lower-Class
 Negroes*
Field of Specialization: Sociology
- Norman Maurice Schnurr, B.S. in M.E. (University of Notre Dame) ;
 M.Sc.....Louisville, Ky.
*Dissertation: The Effect of a Radial Electric Field on Heat Transfer
 to Air Flowing Through a Circular Duct*
Field of Specialization: Mechanical Engineering

- Mohan Lal Sharma, B.A., M.A. (Forman Christian College)
Ludhiana, India
Dissertation: The Functional Preface in American Fiction
Field of Specialization: English
- Thomas Joseph Sheehan, B.S. (University of Notre Dame); M.A. Columbus
Dissertation: The Construction and Testing of a Teaching Model for Attitude Formation and Change Through Physical Education
Field of Specialization: Physical Education
- John Austin Shultz, B.S. (University of Wyoming); M.S. (Kansas State University) Columbus
Dissertation: The Father's Role in Families: The Effect of Intermittent Travel on Interpersonal Relationships Among Family Members
Field of Specialization: Home Economics
- Aaron Nathan Silver, B.E.E. (Pratt Institute); M.S.E. (Johns Hopkins University) Baltimore, Md.
Dissertation: An Investigation of Informational Factors upon the Performance of the Human Regulator
Field of Specialization: Industrial Engineering
- Roger Washburne Staehle, B.Met.E., M.Sc. Columbus
Dissertation: A Study of Stress Corrosion Cracking in the Iron-Chromium-Nickel Alloy System
Field of Specialization: Metallurgical Engineering
- Hideo Tomomatsu, B.E. (Waseda University); M.A. (College of the Pacific) Tokyo, Japan
Dissertation: Structural Studies on Heparin
Field of Specialization: Chemistry
- Mary Ann Turner, B.S. in Ed. (Wilmington College); M.A. Wilmington
Dissertation: Senior Girls' Attitudes Toward High School Physical Education and Their Relationship to Program Quality and Other Factors
Field of Specialization: Physical Education
- Theodore Edward Uehling, Jr., B.A. Cincinnati
Dissertation: The Notion of Form in Kant's Critique of Aesthetic Judgment
Field of Specialization: Philosophy
- William Henry Van Hoose, A.B. (Morehead State College); M.S. in Ed. (Indiana University) Urbana
Dissertation: Dimensions of Counseling with Children
Field of Specialization: Education
- Ellis Daniel Verink, Jr., B.S. in Met.E. (Purdue University); M.Sc. Columbus
Dissertation: A Study of the Oxidation Mechanism of Uranium in Moist, Flowing Nitrogen and in Nitrogen-Oxygen Mixtures
Field of Specialization: Metallurgical Engineering
- Franklin Burritt Walter, B.S. (Manchester College); M.Edu. (Miami University) New Lebanon
Dissertation: The Relation of Critical Thinking, Values, and Dogmatism Factors to an In-Service Education Experience
Field of Specialization: Education
- Max Welborn, Jr., B.A. (Dartmouth College); A.M. (University of Pennsylvania) Ft. Lauderdale, Fla.
Dissertation: Victor Schoelcher's Views on Race and Slavery
Field of Specialization: History

- John Elmer Westmark, B.S.E.E. (Iowa State University); M.S. in E.E.
(Northeastern University) Reading
Dissertation: The Application of Sequential Detection to Pulsed Radar
Field of Specialization: Electrical Engineering
- Robert William Wheeler, A.B. (Antioch College); M.Sc.Glen Ridge, N. J.
Dissertation: Chelation, Liming, and Partial Acidulation of Rock
Phosphate as Factors Affecting Plant Recovery of Sol-
uble Phosphorus from Acid Soils
Field of Specialization: Agronomy
- James Curtiss Whittaker, B.S.For., M.S.For. (Purdue University)
Columbus
Dissertation: An Evaluation of Factors Affecting Individual Sawlog
Conversion-Surplus, Sawing Time, and Overrun at Hard-
wood Lumber-producing Circular Sawmills
Field of Specialization: Agricultural Economics
- Almaron Marshall Wilder, A.B. (Nebraska Wesleyan University);
M.Soc.Wk. (University of Oklahoma) Columbus
Dissertation: The Development of a Group Movement Scale Which
Will Reflect the Socialization Factor of a Group
Field of Specialization: Social Work
- John Wesley Williamson, B.S. in M.E. (University of Oklahoma); M.Sc.
Oklahoma City, Okla.
Dissertation: An Extension of Prandtl's Mixing Length Theory and
Application to Internal and External Flows
Field of Specialization: Mechanical Engineering
- Theodore Otto Windt, Jr., B.S. (Texas Lutheran College); M.A. (Bowling
Green State University) Houston, Tex.
Dissertation: The Rhetoric of Peaceful Coexistence: A Criticism of
Selected American Speeches by Nikita Khrushchev
Field of Specialization: Speech
- Edward Kenna Wintz, B.S. (University of California); M.Sc.
Walnut Creek, Calif.
Dissertation: Geometric Applications of Artificial Earth Satellite Ob-
servations
Field of Specialization: Geodetic Science
- George L. Wolf, D.V.M. (Ludwig-Maximilians University); M.Sc.
Mansfield
Dissertation: Pathogenesis of Rocky Mountain Spotted Fever in Rhesus
Monkeys Following Respiratory Exposure
Field of Specialization: Veterinary Pathology
- Thomas Rea Wright, B.Cer.E., M.Sc. Dennison
Dissertation: Studies in the UO_2-ZrO_2 System
Field of Specialization: Ceramic Engineering
- Ralph Donald Wyly, Jr., B.A., M.A. (Florida State University)
Neptune Beach, Fla.
Dissertation: The Travel Books of Norman Douglas
Field of Specialization: English
- Daniel Yutzy, B.A. (Eastern Mennonite College); M.A. Plain City
Dissertation: Psychiatric Treatment Practices and Role Perceptions of
Psychiatric Nurses
Field of Specialization: Sociology (Anthropology)
- Joseph Henry Zeinz, B.A. (College of the Holy Cross, Massachusetts);
M.A. (Catholic University of America) Dayton
Dissertation: Recent Critical Work in the Text of the Prose Writings
of Lucius Annaeus Seneca
Field of Specialization: Classical Languages (Latin)

William Russell Zeitler, B.S. in Edu. (Pennsylvania State Teachers College, Clarion); M. of Ed. (Bowling Green State University)

Parma Heights

Dissertation: The Effectiveness of Cooperative Planning upon Children's Achievement in Science

Field of Specialization: Education

Demetrius Zonars, B.S.E. (Ae.E.), M.S.E. (Ae.E.) (University of Michigan) Dayton

Dissertation: Theoretical and Experimental Study of Equilibrium and Non-Equilibrium Air Flow Through a Mach Number 10 Contoured Nozzle

Field of Specialization: Aeronautical Engineering

(One hundred and twelve candidates)

Certificate of Specialist in Educational Administration

Edward Elias Brookover, B.A. (Marshall University); M.S. (University of Tennessee) Millersport

(One candidate)

Master of Accounting

John Connor Aten, B.A. (College of Wooster) Lorain

Field of Specialization: Accounting

(One candidate)

Master of Arts

Martin Donald Adelman, B.S. (Columbia University); B.R.E. (Jewish Theological Seminary of America) Bridgeport, Conn.

Field of Specialization: Education

Jerry Martin Banks, B.Sc. in Edu. Columbus

Field of Specialization: Education

Barbara Tolar Benson, B.Sc. in Edu. Euclid

Field of Specialization: Education

Zoa Leroy Bethel, B.Sc. in Edu. Groveport

Field of Specialization: Education

Billy Charles Booth, B.Sc. in Edu. Senecaville

Field of Specialization: Education

Carolyn Osborn Bowers, B.S. Ed. (University of Michigan) Mt. Pleasant, Mich.

Field of Specialization: Physical Education

William Alfred Boyer, B.S. in Agr. (Arkansas State College) Wooster

Field of Specialization: Agricultural Education

Joyce Haignere Brannan, B.Sc. in Edu. Columbus

Field of Specialization: Physical Education (Health Education)

Catherine Ann Brown, B.S. in Ed. (New York State University College of Education, Cortland) Scottsville, N. Y.

Field of Specialization: Education

Thomas Edward Brown, B.S.Edu. (Central State College) Columbus

Field of Specialization: Education

- David Sherman Cariens, Jr., B.A. Akron
Field of Specialization: History
- Robert Charles Channon, A.B. (Harvard University) New York, N. Y.
Field of Specialization: Slavic Languages
- Sandra Ethlyn Clark, B.A. (Ohio Wesleyan University) . . Richmond Heights
Field of Specialization: Psychology
- Jerome McClain Clemens, B.Sc. in Edu. Columbus
Field of Specialization: Geography
- Carol Jo Colasurd, B.S.Ed. (Ohio University) Navarre
Field of Specialization: Education
- Linda Mae Collen, B.A. Cleveland
Field of Specialization: Sociology
- Carl Kenneth Conlin, B.Sc. in Edu. Sandusky
Field of Specialization: Education
- Donald George Davis, B.Sc. in Edu. Columbus
Field of Specialization: Education
- R. Hugh Davis, B.A. (Ohio Wesleyan University) Findlay
Field of Specialization: History
- Albert Watson Davison, Jr., A.B. (Denison University); B.Sc. in Edu.
Granville
Field of Specialization: Education
- Philip Edwin Diser, B.A. (Ohio Wesleyan University) Youngstown
Field of Specialization: English
- Jeffrey Ivan Dolgan, A.B. (Hiram College) Livingston, N. J.
Field of Specialization: Psychology
- Mildred Miller Dorr, B.S. in Ed. (Capital University) Columbus
Field of Specialization: Education
- Leonard Downie, Jr. B.A. (Jour.) Cleveland
Field of Specialization: Journalism
- James Hadley Eickhoff, B.A. (Ohio Wesleyan University) Delaware
Field of Specialization: Education
- Ray Leslie Eubanks, B.Sc. in Edu. Cambridge
Field of Specialization: Music
- Agnes Loretta Factor, B.Sc. in Edu. Columbus
Field of Specialization: Education
- Priscilla Mandlakazi Fihla, B.A., B.Ed. (Rhodes University); M.Ed.
 (University of South Africa) Keiskama Hoek, South Africa
Field of Specialization: Psychology
- George Tehan Fischer, B.A., B.Sc. in Edu. Springfield
Field of Specialization: History
- Robert William Flinchbaugh, B.Mus.Ed. (Capital University)
Pittsburgh, Pa.
Field of Specialization: Music
- John Hallett Foster, B.A. (Williams College) Cleveland
Field of Specialization: Political Science
- Joseph Francis Funaro, B.Sc. Columbus
Field of Specialization: Psychology
- Carlos Emilio Galeano Itagüi, Antioquia, Colombia
Field of Specialization: Romance Languages (Spanish)

- Joanne Stewart Garbe, B.Sc. in Edu.....Dayton
Field of Specialization: Speech
- Joseph James Garry, Jr., B.A. (Baldwin-Wallace College)....Depew, N. Y.
Field of Specialization: Speech
- Fred Ivan Goldberg, B.A. (University of Buffalo).....Brooklyn, N. Y.
Field of Specialization: Philosophy
- Susan Cameron Gormley, B.Sc. in Edu.....Zanesville
Field of Specialization: Education
- Frances Field Haignere, B.A. (Connecticut College).....Columbus
Field of Specialization: Education
- James Francis Hamilton, B.S. in Edu. (Kent State University)...Cleveland
Field of Specialization: Romance Languages (French)
- Suzanne Galloway Hampton, B.A. (University of Colorado).....Columbus
Field of Specialization: Education
- Mary Jane Hanna, B.S. in Edu. (Miami University).....Columbus
Field of Specialization: Education
- James Richard Hardesty, B.A. (Muskingum College).....Coshocton
Field of Specialization: Education
- Sandra Margaret Harper, B.A. (Skidmore College).....Columbus
Field of Specialization: English
- Reid Douglas Hausmann, B.A. (Principia College).....Bay Village
Field of Specialization: English
- John David Heatwole, B.A. (West Virginia Wesleyan College)
Parkersburg, W. Va.
Field of Specialization: Education
- Marian Elizabeth Hedgcock, A.B. (Whitman College).....Seattle, Wash.
Field of Specialization: Psychology
- Paul Stuart Hesselink, A.B. (Hope College).....Adams, Nebr.
Field of Specialization: Music
- John Patrick Higgins, A.B. (Fordham College).....New York, N. Y.
Field of Specialization: History
- 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 MansourDamascus, 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.....	Leipscic
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 Earna 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 Sunnuks.....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 DeGroff	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 Pinfeld.....	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 Sampsell, 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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RECORD OF PROCEEDINGS
OF THE
BOARD OF TRUSTEES
OF THE
OHIO STATE UNIVERSITY

COLUMBUS

July 1, 1965 to June 30, 1966

1965-1966

THE OHIO STATE UNIVERSITY

NOVICE G. FAWCETT, *President*

BOARD OF TRUSTEES

	Term Beginning	Term Expiring
ALAN B. LOOP, Toledo.....	July 23, 1959	May 13, 1966
JACOB E. DAVIS, Cincinnati.....	February 6, 1961	May 13, 1967
STANLEY C. ALLYN, ¹ Dayton.....	May 14, 1961	May 13, 1968
JOHN W. BRICKER, ² Columbus.....	May 14, 1962	May 13, 1969
CARLTON S. DARGUSCH, ³ Columbus.....	May 14, 1963	May 13, 1970
BERTRAM D. THOMAS, ⁴ Columbus.....	October 13, 1965	May 13, 1970
JOHN G. KETTERER, Canton.....	October 18, 1963	May 13, 1971
FREDERICK E. JONES, Columbus.....	October 18, 1963	May 13, 1972
MERVIN B. FRANCE, Cleveland.....	September 16, 1964	May 13, 1973
JAMES W. SHOCKNESSY, Columbus.....	August 2, 1965	May 13, 1974

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

² Served two previous terms (1948-1962)

³ Served three previous terms (1938-1959). Resigned October 11, 1965.

⁴ Appointed to fill unexpired term Carlton S. Dargusch

OFFICERS

1965-1966

ALAN B. LOOP, *Chairman*
JACOB E. DAVIS, *Vice Chairman*
JOHN T. MOUNT, *Secretary*
GORDON B. CARSON, *Treasurer*

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

Columbus, Ohio, July 8, 1965

The Board of Trustees met at its regular monthly meeting on Thursday, July 8, 1965, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

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

* * *

Minutes of the last meeting were approved.

* * *

July 8, 1965 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Establishment of School of Education

On May 11, 1965, the Faculty Council approved a recommendation from the Council on Instruction that a School of Education be organized within the College of Education. This proposal, which had previously been approved by the Department of Education, the Bureau of Educational Research and Service, the Executive Committee and the Faculty Committee of the College of Education, and the faculty of the College of Education, has as its major aim the design and implementation of improved programs for the study of education and for the professional preparation of school personnel. The reorganization is based upon a desire to remove certain existing departmental lines which lead to duplication of effort, artificial barriers among faculty members with common concerns, inflexibilities in the assignment of faculty and staff personnel, and lack of focus upon the common educational mission of these departments.

It is therefore recommended that the present Department of Education and the present Bureau of Educational Research and Service be abolished and that in their stead a School of Education be established, within which shall be incorporated the laboratory unit of the College of Education known as University School and Center for School Experimentation, effective July 1, 1965.

It is further recommended, with the concurrence of the Faculty Council, that Rules 27.0701 b(3) and 29.01 b(6) of Rules for the University Faculty be amended to substitute the words "School of Education" for "Education."

Upon motion of Mr. Bricker, seconded by Mr. Ketterer, the above recommendations were 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 27, 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 I, page 51.)

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

July 8, 1965 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Establishment of the "Samuel and Esther Melton Professorship of Jewish History and Studies"

Pursuant to the conditions set forth for the establishment of a "Named Professorship," as approved by the Board of Trustees at its January 14, 1965 meeting, it is recommended with the concurrence of Vice President for Academic Affairs, Dr. John C. Weaver, and the faculty of the Department of History that the "Samuel and Esther Melton Professorship in Jewish History and Studies" be established within the Department of History of The Ohio State University.

This "Named Professorship" shall be filled by a scholar who is thoroughly fluent in his reading knowledge of Biblical and modern Hebrew and shall be qualified to offer general courses in Jewish history as well as courses in more specialized areas of interest as are considered to be desirable by the Department of History.

The "Melton Professorship" will be supported by a gift from Mr. and Mrs. Samuel M. Melton through The Ohio State University Development Fund in the amount of \$20,000.00 per annum for a trial period of one to five years. Mr. and Mrs. Melton have indicated their intention to establish the professorship on a permanent basis by an additional contribution to the University through the Development Fund in the amount of \$250,000.00, should it be deemed appropriate to establish the program on a permanent basis.

Upon motion of Mr. Davis, seconded by Mr. Ketterer, the Board of Trustees by unanimous roll call vote approved the establishment of the "Samuel and Esther Melton Professorship in Jewish History and Studies."

D. Honorary Degrees

The Faculty Council on June 8, 1965, recommended that the honorary degree, Doctor of Laws, be conferred on:

Henry E. Hoagland
Roberto S. Vilella

It is therefore recommended that the Board of Trustees approve the Faculty Council recommendation and that these degrees be awarded at a Commencement Convocation during 1965 or 1966.

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

E. Activation of Two "Named Chairs" in the College of Medicine--
"The Charles Austin Doan Chair of Medicine" and "The
Robert M. Zollinger Chair of Surgery"

On September 13, 1963, the Board of Trustees authorized the establishment of two "named chairs" in the College of Medicine--"The Charles Austin Doan Chair of Medicine" and "The Robert M. Zollinger Chair of Surgery," with the understanding that each chair would be activated when the income from the

July 8, 1965 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

E. Activation of Two "Named Chairs" in the College of Medicine--
"The Charles Austin Doan Chair of Medicine" and "The
Robert M. Zollinger Chair of Surgery" (continued)

principal funds designated to support each chair is in sufficient amount to provide an adequate salary for the appointment of a distinguished scholar. President Fawcett indicated his pleasure in reporting that designated gifts and bequests have been received and deposited in the University Endowment Fund in an amount sufficient to provide the necessary income for activation of both of the above-named chairs.

It is therefore recommended with the concurrence of the Dean of the College of Medicine, Dr. Richard L. Meiling, and the Vice President for Academic Affairs, Dr. John C. Weaver, that "The Charles Austin Doan Chair of Medicine" and "The Robert M. Zollinger Chair of Surgery" be activated, effective July 1, 1965.

Upon motion of Mr. Dargusch, seconded by Mr. Bricker, the Board of Trustees by unanimous roll call vote approved the activation of "The Charles Austin Doan Chair of Medicine" and "The Robert M. Zollinger Chair of Surgery."

F. Distinguished Service Awards

In 1952 the Board of Trustees established the Distinguished Service Award to be given in recognition of eminent and illustrious service to The Ohio State University. The President's Cabinet, which serves as a Committee on Distinguished Service Awards, has nominated for consideration by the Board of Trustees the following-named persons to receive the Distinguished Service Award at the August 27, 1965 Commencement:

James Edward Pollard
Gerald Elmer Tenney

Upon motion of Mr. Bricker, seconded by Mr. Ketterer, the above nominations for the Distinguished Service Award were approved by a unanimous roll call vote.

G. Ratification of Personnel and Operating
Budgets for the Fiscal Year 1965-66

The Board of Trustees at its meeting on June 10, 1965, approved the several personnel and operating budgets of the University subject to the passage of Substitute H. B. 200 with allocations at least equal to the bill passed by the House of Representatives.

Substitute H. B. 200 which provides for the allocation of funds as detailed in the personnel and operating budgets approved by the Board of Trustees on June 10, 1965, has now been enacted by the 106th General Assembly.

July 8, 1965 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

G. Ratification of Personnel and Operating Budgets for the Fiscal Year 1965-66 (continued)

It is therefore recommended that the actions taken by the Board of Trustees on June 10, 1965, approving the personnel and operating budgets for The Ohio State University, the University Hospitals, and the Ohio Cooperative Extension Service be ratified.

Mr. Mervin France moved that the personnel and operating budgets for The Ohio State University, the University Hospitals, and the Ohio Cooperative Extension Service for the 1965-66 fiscal year, as adopted by the Board of Trustees at its June 10, 1965 meeting, be and hereby are ratified. Mr. John Ketterer seconded the motion; and upon a roll call vote, all members present voted approval of the motion to ratify, with the exception that Messrs. Carlton S. Dargusch and Frederick E. Jones requested that the minutes record a negative vote on the ratification of The Ohio State University annual personnel budget for 1965-66.

H. Change in Trustees, The Ohio Legal Center

On July 14, 1961, the Board of Trustees approved the "Articles of Incorporation" and the "Code of Corporate Regulations of The Ohio Legal Center" and designated Frank R. Strong, Robert J. Nordstrom, and Ervin H. Pollack to serve as trustees to represent The Ohio State University until "they resign or their successors are designated by this Board."

Because of his resignation from the faculty of The Ohio State University, Frank R. Strong has submitted his resignation as a trustee of The Ohio Legal Center.

Therefore, it is recommended that Dean Ivan C. Rutledge be designated a trustee of The Ohio Legal Center to succeed Frank R. Strong, effective August 1, 1965.

Upon motion of Mr. Ketterer, seconded by Mr. France, 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 June 10, 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 Appointments, Promotions and Changes in Administrative Responsibilities, Leaves of Absence Without Salary, and Emeritus Titles:

A. Appointments

Charles E. Mengel, M.D., Associate Professor in the Department of Medicine and Director of the Clinical Service of Hematology, effective July 1, 1965, at a salary of \$20,268.00 per annum. Dr. Mengel is also appointed to fill "The Charles Austin Doan Chair of Medicine."

July 8, 1965 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Appointments (continued)

Robert E. Cook, Professor and Chairman, Department of Poultry Science, and Professor in the Cooperative Extension Service, effective September 1, 1965, at a salary of \$13,368.00 per annum. (\$1,500.00 of this amount is from the budget of the Cooperative Extension Service.) Professor Cook will also serve as a member of the faculty of the Ohio Agricultural Experiment Station, Wooster, Ohio, at an annual rate of \$6,000.00.

Merton C. Bernstein, Professor, College of Law, effective July 1, 1965, at a salary of \$17,568.00 per annum.

Reed M. Powell, Professor, Department of Business Organization, effective July 1, 1965, at a salary of \$18,168.00 per annum. In addition to serving on the teaching faculty of the Department of Business Organization, Professor Powell will be on the faculty of the Division of Research of the College of Commerce and Administration.

B. Promotions and Changes in Administrative Responsibilities

Frederick R. Cyphert from Professor in the Department of Education to Associate Dean of the College of Education and Professor in the School of Education, effective July 1, 1965, at a salary of \$16,968.00 per annum.

Robert A. Barnes from Staff Assistant to the President to Director of the Newark Academic Center, effective July 1, 1965, at a salary of \$16,068.00 per annum.

William A. Bruce, D.D.S., from Associate Professor to Associate Professor and Assistant Dean of the College of Dentistry, effective October 1, 1965, at a salary of \$15,168.00 per annum.

Richard E. Wharton from Administrative Assistant to the Dean to Assistant Dean of the College of Engineering, effective July 1, 1965, at a salary of \$14,568.00 per annum.

Richard P. Goldthwait from Professor and Director of the Institute of Polar Studies to Professor and Chairman of the Department of Geology, effective October 1, 1965, at a salary of \$20,772.00 per annum.

To implement the establishment of a School of Education in the College of Education, it is recommended that the following persons be promoted to assume the various administrative responsibilities of the School:

July 8, 1965 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Promotions and Changes in Administrative Responsibilities (continued)

John A. Ramseyer from Professor in the Department of Education to Professor and Director in the School of Education, College of Education, effective July 1, 1965, at a salary of \$21,372.00 per annum.

Egon G. Guba from Professor and Director of the Bureau of Educational Research and Service to Professor and Assistant Director in the School of Education, effective July 1, 1965, at a salary of \$19,368.00 per annum.

M. Karl Openshaw from Associate Professor in the Department of Education to Associate Professor and Assistant Director in the School of Education, effective July 1, 1965, at a salary of \$15,168.00 per annum.

Arliss L. Roaden from Associate Professor in the Department of Education to Associate Professor and Assistant Director in the School of Education, effective July 1, 1965, at a salary of \$15,168.00 per annum.

C. Leaves of Absence Without Salary

G. Diran Bodenhorn, Professor, Department of Economics, October 1, 1965 through September 30, 1966, to continue to teach at the University of Ibadan, Ibadan, Nigeria, under a Rockefeller Grant.

Harold F. Harding, Professor, Department of Speech, October 1, 1965 through September 30, 1966, to be a Visiting Professor at the University of California, Santa Barbara.

Paul R. Klohr, Professor, School of Education, October 1, 1965 through June 30, 1966, to be a Visiting Professor at the University of California, Davis.

William B. Logan, Sr., Professor, School of Education, July 1, 1965 through July 31, 1965, to be a Visiting Professor at the University of California, Berkeley.

Ruth M. Erlandson, Associate Professor of Library Administration, Library, July 1, 1965 through August 31, 1965, to be a library advisor, Asia Foundation, New Chiangmai University, Chiangmai, Thailand.

Neal F. Johnson, Associate Professor, Department of Psychology, October 1, 1965 through September 30, 1966, to teach and do research at the University of California, Berkeley.

July 8, 1965 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Leaves of Absence Without Salary (continued)

Courtney P. Stromsta, Associate Professor, Department of Speech, October 1, 1965 through December 31, 1965, to participate in a cooperative research project at the University of Zagreb, Zagreb, Yugoslavia, sponsored by the Vocational Rehabilitation Administration.

Sidney E. White, Associate Professor, Department of Geology, October 1, 1965 through September 30, 1966, to be a Visiting Professor at the University of Colorado, Denver, Colorado.

Richard H. Wilson, Associate Professor, Department of Agricultural Education, July 16, 1965 through August 15, 1965, to be a Visiting Professor at New Mexico State University.

Alma L. Wittmeyer, Associate Professor, School of Nursing, July 23, 1965 through September 14, 1965, for personal reasons.

Charles H. Summerson, Assistant Professor, Department of Geology, October 1, 1965 through September 30, 1966, to work with the National Science Foundation in Washington, D. C.

Alma F. Tapscott, Assistant Professor, School of Home Economics, July 1, 1965 through September 30, 1965, for personal reasons.

Catherine C. Vaughn, Assistant Professor, School of Home Economics, July 1, 1965 through August 31, 1965, due to ill health.

Alva R. Glaser, Instructor, Department of Aeronautical and Astronautical Engineering, July 1, 1965 through September 30, 1965, to be employed in industry.

Josephine T. Hickey, Instructor, School of Nursing, July 6, 1965 through September 19, 1965, for personal reasons.

H. Elaine Swank, Instructor, School of Nursing, July 6, 1965 through September 26, 1965, to travel in Europe.

William H. Ewing, Associate Director, Telecommunications Center, October 1, 1965 through June 30, 1966, to accept a Fulbright Exchange Award.

D. Emeritus Titles

Linden F. Edwards, Department of Anatomy, with the title Professor Emeritus, effective September 1, 1965.

July 8, 1965 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Emeritus Titles (continued)

Harvey C. Mansfield, Department of Political Science, with the title Professor Emeritus, effective July 1, 1965.

LeVelle Wood, School of Home Economics, with the title Professor Emeritus, effective July 1, 1965.

Mabel G. Westervelt, Cooperative Extension Service, with the title Instructor (County Extension Agent, Home Economics) Emeritus, effective August 1, 1965.

Upon motion of Mr. Jones, seconded by Mr. France, the Appointments, Promotions and Changes in Administrative Responsibilities, 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, Bureau of State Services, Washington, D. C., for an Investigation of Chemical Factors in Host Plant Selection by Insects (to be known as Bureau of State Services Project No. 1088 - Ext. #5 - College of Pharmacy). Gross Value - \$10,260.00.
- b. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for a Servo-analytic Study of the Myotatic Reflex System (to be known as National Institutes of Health Project No. 1101 - Ext. #5 - Department of Physiology). Gross Value - \$11,048.00.
- c. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C., for The Professionalization of Dental Students (to be known as Bureau of State Services Project No. 1283 - Ext. #4 - Department of Sociology and Anthropology). Gross Value - \$15,218.00.

July 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)

- d. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for the Study of Hard Dental Tissues and Restorative Materials (to be known as National Institutes of Health Project No. 1410 - Ext. #3 - College of Dentistry).
Gross Value - \$12,907.00.
- e. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Self-administered Procedures in Speech and Hearing (to be known as National Institutes of Health Project No. 1414 - Ext. #3 - Department of Speech).
Gross Value - \$45,838.00.
- f. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for Research of Eutectoid Reactions in Metal Alloys (to be known as Systems Engineering Group, Research and Technology Division Project No. 1440 - Sup. #6 - Department of Metallurgical Engineering).
Gross Value - \$31,998.00.
- g. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C., for an Investigation of the Diatoms of the West End of Lake Erie (to be known as Bureau of State Services Project No. 1464 - Ext. #3 - Department of Botany and Plant Pathology).
Gross Value - \$11,939.00.
- h. 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. #6 - RF Internal Supervision).
Gross Value - \$75,000.00.
- i. Department of Health, Education, and Welfare, 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 - Sup. #1 - Department of Agricultural Biochemistry).
Gross Value - \$2,884.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- j. 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 - Sup. #5 - RF Internal Supervision).
Gross Value - \$8,000.00.
- k. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C., for The Nurse-Monitor in a Patient-Care System (to be known as Bureau of State Services Project No. 1651 - Sup. #1 - Engineering Experiment Station).
Gross Value - \$3,497.00.
- l. Classified Program (to be known as Classified Program Project No. 1801 - Sup. #1 - Department of Electrical Engineering).
Gross Value - \$199,985.00.
- m. Classified Program (to be known as Classified Program Project No. 1815 - Amend. #4 - Department of Electrical Engineering).
Gross Value - \$10,523.00.
- n. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., for Development of Educational Theory Derived from Three Models (to be known as Office of Education Project No. 1832 - Amend. #1 - Bureau of Educational Research and Service).
Gross Value - \$15,608.00.
- o. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Chemistry, Metabolism, and Immunology of Gangliosides (to be known as National Institutes of Health Project No. 1842 - Ext. #1 - Department of Psychiatry).
Gross Value - \$32,580.00.
- p. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Inherited Caries Resistance in Gnotobiotic Animals (to be known as National Institutes of Health Project No. 1843 - Ext. #1 - College of Dentistry).
Gross Value - \$15,000.00.
- q. National Science Foundation, Washington, D. C., for Spectroscopy of High-temperature Gases with Luminous Shock Tube (to be known as National Science Foundation Project No. 1848 - Amend. #1 - Department of Astronomy).
Gross Value - \$26,000.00.

July 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)

- r. National Science Foundation, Washington, D. C., for Research in Radio Astronomy (to be known as National Science Foundation Project No. 1907 - Amend. #1 - Department of Electrical Engineering).
Gross Value - \$10,000.00.
- s. U. S. Atomic Energy Commission, Chicago Operations Office, 9800 South Cass Avenue, Argonne, Illinois, for Glaciological Investigations on the Casement Glacier, Alaska (to be known as U. S. Atomic Energy Commission Project No. 2017 - New - Institute of Polar Studies).
Gross Value - \$30,000.00.
- t. National Science Foundation, Washington, D. C., for Physical and Chemical Glaciology on the Second Queen Maud Traverse (to be known as National Science Foundation Project No. 2023 - New - Institute of Polar Studies).
Gross Value - \$24,800.00.
- u. National Science Foundation, Washington, D. C., for an Investigation of the Opossum Adrenal (to be known as National Science Foundation Project No. 2024 - New - Department of Physiology).
Gross Value - \$26,000.00.
- v. National Science Foundation, Washington, D. C., for an Investigation of Critical Properties of Hydrocarbon Mixtures (to be known as National Science Foundation Project No. 2025 - New - Department of Chemical Engineering).
Gross Value - \$40,000.00.
- w. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., for Implementation of Research Strategies and Tactics for Demonstrations of the Newer Media (to be known as Office of Education Project No. 2027 - New - Bureau of Educational Research and Service).
Gross Value - \$91,350.00.
- x. National Science Foundation, Washington, D. C., Pleistocene Environment of the Bering-Chuckchi Land Bridge (to be known as National Science Foundation Project No. 2028 - New - Department of Zoology and Entomology).
Gross Value - \$3,800.00.

July 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)

- y. U. S. Department of Agriculture, Forest Service, Washington, D. C. , A Chemical Investigation of the Host-Plant Selection by the Elm Bark Beetle, *Scolytus Multistriatus* (Marsham) (to be known as U. S. Department of Agriculture, Forest Service Project No. 2030 - New - College of Pharmacy).
Gross Value - \$30,000.00.
- z. Department of Health, Education, and Welfare, Office of Education, Washington, D. C. , for An Industrial Arts Curriculum Project for the Junior High School (to be known as Office of Education Project No. 2032 - New - Department of Education).
Gross Value - \$44,000.00.
- aa. National Aeronautics and Space Administration, Washington, D. C. , Boundary Layer Studies in an Arc-Heated Wind Tunnel (to be known as National Aeronautics and Space Administration Project No. 2033 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$67,000.00.
- bb. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for Development of Experimental Testing Programs to Verify Thermal Stress Analysis (to be known as Systems Engineering Group, Research and Technology Division Project No. 2034 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$26,600.00.
- cc. U. S. Atomic Energy Commission, Chicago Operations Office, 9800 South Cass Avenue, Argonne, Illinois, for an Investigation of Pulse Radiolysis of Organic and Aquo-Organic Systems (to be known as U. S. Atomic Energy Commission Project No. 2035 - New - Department of Chemistry).
Gross Value - \$36,500.00.
- dd. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Hydrophilic Colloid Interactions in Milk Systems (to be known as National Institutes of Health Project No. 2037 - New - Department of Dairy Technology).
Gross Value - \$19,989.00.
- ee. Department of Health, Education, and Welfare, Office of Education, Washington, D. C. , The Role of Centers for Science Education in the Production, Demonstration, and Dissemination of Research (to be known as Office of Education Project No. 2038 - New - Department of Education).
Gross Value - \$32,936.00.

July 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)

- ff. National Science Foundation, Washington, D. C., The Bio-synthesis of the Branched-Chain Sugar Apiose (to be known as National Science Foundation Project No. 2039 - New - Department of Agricultural Biochemistry).
Gross Value - \$31,700.00.
- gg. National Science Foundation, Washington, D. C., for Mapping of Primary Vegetation for Various Types of Data (to be known as National Science Foundation Project No. 2040 - New - Natural Resources Institute).
Gross Value - \$25,000.00.
- hh. National Science Foundation, Washington, D. C., for an Investigation of Biosystematics of Silphium Compositum Michx (to be known as National Science Foundation Project No. 2041 - New - Department of Botany and Plant Pathology).
Gross Value - \$24,900.00.
- ii. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for Medicinal Chemical Studies of Mesoionic Compounds (to be known as National Institutes of Health Project No. 2042 - New - College of Pharmacy).
Gross Value - \$19,284.00.

TOTAL - Government Contracts - Federal \$1,112,144.00

2. Industrial and Other Contracts

- a. G. T. Schjeldahl Co., Northfield, Minnesota, Photogrammetric Research and Measurement of Spheres (to be known as G. T. Schjeldahl Co. Project No. 1837 - C. O. #6 - Department of Geodetic Science).
Gross Value - \$1,000.00.
- b. Research Corporation, 405 Lexington Avenue, New York, New York, for an Investigation of Side-Chain Reactivity in Porphyrins (to be known as Research Corporation Project No. 2026 - New - Department of Chemistry).
Gross Value - \$5,000.00.
- c. American Petroleum Institute, 1271 Avenue of the Americas, New York, New York, for an Investigation of Critical Properties of Hydrocarbon Mixtures (to be known as American Petroleum Institute Project No. 2029 - New - Department of Chemical Engineering).
Gross Value - \$10,000.00.

July 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 (continued)

- d. American Iron and Steel Institute, 150 East 42nd Street, New York, New York, for an Investigation of Properties of Liquid Iron and Steel (to be known as American Iron and Steel Institute Project No. 2031 - New - Department of Metallurgical Engineering).
Gross Value - \$25,200.00.
- e. The Milheim Foundation, P. O. Box 5168 T. A., Denver, Colorado, for Isolation of Viruses from Bone Marrow of Patients with Acute Leukemia (to be known as The Milheim Foundation Project No. 2036 - New - Department of Medicine).
Gross Value - \$9,550.00.

TOTAL - Industrial and Other Contracts \$50,750.00

The foregoing forty contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$1,162,894.00.

Upon motion of Mr. Davis, 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 June 1, 1965 through June 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.

1. Government Research Contracts

- EES-196 Terrain Investigation Techniques for Highway Engineers,
Ext. #6 Ohio Department of Highways, Columbus, Ohio, Bureau
 of Public Roads, Washington, D. C.
 Gross Value - \$10,800.00.
- EES-235 A Study of Structural Evaluation of Flexible Pavements,
Ext. #1 Ohio Department of Highways, Columbus, Ohio, Bureau
 of Public Roads, Washington, D. C.
 Gross Value - \$9,000.00.

TOTAL - Government Research Contracts \$19,800.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

2. Industrial Research Contracts

EES-234 Forced Convection Frosting of Finned Coils in Crossflow
Ext. #2 of Air, American Society of Heating, Refrigerating and
 Air Conditioning Engineers, Inc., New York, New York.
 Gross Value - \$6,480.00.

EES-267 A Study of Vee-Belts, Dayco Corporation, Springfield,
 Missouri.
 Gross Value - \$6,100.00.

TOTAL - Industrial Research Contracts \$12,580.00

The foregoing four contracts for research in the Engineering Experiment Station represent a gross income of \$32,380.00.

C. Agreement Between the College of Medicine of The Ohio
State University and St. Ann's Hospital for Women of
Columbus 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 St. Ann's Hospital for Women of Columbus and the College of Medicine of The Ohio State University, whereby medical students will be given an opportunity in their clinical years to gain experiences in the care and treatment of patients in the area of obstetrics at St. Ann's Hospital. Under the terms of the agreement, the clinical facilities, including the inpatient and outpatient services of St. Ann's Hospital for Women, will be made available for the educational program of Ohio State medical students; and the qualified professional staff of St. Ann's Hospital will collaborate in the teaching of The Ohio State University medical students in a private hospital.

The Board of Trustees of St. Ann's Hospital for Women has indicated its willingness to participate in the above-identified affiliate teaching program, effective July 1, 1965. It is therefore recommended that the President be authorized to sign such an agreement on behalf of the University with the understanding that there is no financial obligation on the part of the University.

Upon motion of Mr. Dargusch, seconded by Mr. Bricker, the Board of Trustees by unanimous vote authorized the President to sign an agreement between the College of Medicine of The Ohio State University and St. Ann's Hospital for Women of Columbus for an affiliate teaching program.

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July 8, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS

The following grants and gifts to the University are among those received since June 10, 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. \$95,592.00 granted by the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Otolaryngology and Audiology Training Grant," under the direction of Dr. William H. Saunders, Department of Otolaryngology, for the period July 1, 1965 through June 30, 1966. (Grant 5 T1 NB 5397-03)
2. \$87,750.00 granted by the Department of Health, Education, and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University for support of the College Work-Study Program under authority of Title I, Part C, of the Economic Opportunity Act of 1964, for the summer of 1965 and the 1965-66 college year. (OE 38 45 0430)
3. \$83,370.00 granted by the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Training Program in Pharmacology," under the direction of Dr. Bernard H. Marks, Department of Pharmacology, for the period July 1, 1965 through June 30, 1966. (Grant 1 T1 GM 1417-01)
4. \$35,112.00 granted by the Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University for "Training - Heart," under the direction of Dr. Robert L. Hamlin, Department of Veterinary Physiology and Pharmacology, for the period July 1, 1965 through June 30, 1966. (Grant 1 T1 HE 5659-01)
5. \$28,000.00 granted by the Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, for "The Establishment of a Slavic Languages and Area Center (Russian and Polish)," under the direction of Professor Leon I. Twarog, Department of Slavic Languages and Literatures, for the period April 1, 1965 through June 30, 1966. (Contract No. OE-5-13-022)
6. \$26,814.00 granted by the Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University for a "Study of the Carcinogenesis of the Female Reproductive Organs," under the direction of Dr. Emmerich von Haam, Department of Pathology, for the period July 1, 1965 through June 30, 1966. (Grant 5-K3-GM-15,104-09)
7. \$26,612.00 granted by the Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University for "Training in Water Supply and Pollution Control," under the direction of Dr. Charles A. Dambach, Director of the Natural Resources Institute, for the period July 1, 1965 through June 30, 1966. (Grant 5T1-WP-39-02)

July 8, 1965 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, Bethesda, Maryland, to the University for "Training Program in Biochemistry," under the direction of Dr. R. O. Moore, Acting Chairman of the Department of Agricultural Biochemistry, for the period July 1, 1965 through June 30, 1966. (Grant 5 T1 GM 513-05)
9. \$13,000.00 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 traineeships for registered nurses who plan to accept full-time public health nursing positions, under the direction of Miss Frances M. Pease, Associate Director of the School of Nursing, for the period July 1, 1965 through June 30, 1966. (Grant 66-537)
10. \$7,380.00 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 support of the program, "Epidemiology in Local Public Health Practice," under the direction of Dr. Martin D. Keller, Department of Preventive Medicine, for the period September 1, 1965 through June 30, 1966. (Grant STT--215-65-CH)
11. \$1,431.00 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 "Undergraduate Training - Psychiatric Nursing," under the direction of Professor Mildred E. Newton, Director of the School of Nursing, for the period July 1, 1965 through June 30, 1966. (Grant 3 T2 MH-6375-09S1)
12. \$888.00 additional grant from 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 - Social Work," under the direction of Dr. Samuel P. Daykin, School of Social Work, for the period July 1, 1965 through June 30, 1966. (Grant 3 T1 MH-8254-03S1)

TOTAL - Through the Office of Business and Finance \$428,829.00

B. Received Through the Development Fund

1. \$40,000.00 from The Kiplinger Association, Washington, D. C. for various purposes to be designated by Mr. Willard M. Kiplinger.
2. \$32,310.00 from the National Fund for Medical Education, Chicago, Illinois, for the National Fund for Medical Education in the College of Medicine.
3. \$28,499.00 from Bell Telephone Laboratories Inc. for the Bell Telephone Laboratory Teaching and Research Fund.

July 8, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

4. \$25,000.00 from The Richard T. Baker Foundation for the establishment of the Richard T. Baker Fund.

Richard T. Baker Fund

The Richard T. Baker Fund was established June 8, 1965, by a gift through the Development Fund from The Richard T. Baker Foundation.

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

The income is to be used for graduate scholarships 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. Such awards are subject to the approval of the Dean of the College of Commerce and Administration.

If the need for such graduate scholarships or fellowships should cease to exist or so diminish as to create unused income, then said income may be used for any purpose in the field of accounting as agreed upon by the Chairman of the Department of Accounting and the Dean of the College of Commerce and Administration.

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.

5. \$25,000.00 by a bequest from Arthur G. Helmick, deceased, for the establishment of the Arthur G. Helmick Scholarship Fund.

Arthur G. Helmick Scholarship Fund

The Arthur G. Helmick Scholarship Fund was established June 11, 1965, by a bequest through the Development Fund from Arthur G. Helmick, deceased, M. D. '02.

The principal is to be invested in accordance with Section 3345.16 G. C. The income is to be used for the awarding of two scholarships each year of \$750.00 each to students in the College of Medicine of The Ohio State University, said awards to be made by the University Scholarship Committee upon the recommendation of the Dean of the College of Medicine.

If said fund should produce less than \$1,500.00 per year income, the scholarships shall each be one-half of the income of the fund.

July 8, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

6. \$17,346.65 from American Medical Association Education and Research Foundation for the National Fund for Medical Education in the College of Medicine.
7. \$11,700.00 from The Edward Orton, Jr., Ceramic Foundation, Columbus, Ohio, for fellowships and equipment for the Department of Ceramic Engineering.
8. \$10,000.00 from Samuel M. Melton--\$5,000.00 for the Samuel M. Melton Library Fund and \$5,000.00 for the Samuel M. Melton Scholarship Fund.
9. \$10,000.00 from The Payne Fund, Inc., New York, New York, for continuation of the communications research study under the direction of Dr. Edgar Dale, School of Education.
10. \$7,500.00 from The Bremer Foundation for The Bremer Foundation Fund in the College of Medicine.
11. \$5,975.00 from The Procter & Gamble Co.--\$3,875.00 for the Procter & Gamble Co. Fellowship Fund in Chemical Engineering and \$2,100.00 for the Procter & Gamble Co. Dental Research Fellowship Fund.
12. \$5,000.00 from Emmet Blakeney Gleason Memorial Fund, Inc., Rochester, New York, for scholarships in the College of Engineering.
13. \$5,000.00 from Bethlehem Steel Corporation, Bethlehem, Pennsylvania, for research in the Department of Metallurgical Engineering.
14. \$5,000.00 from Merck & Company, Inc., Rahway, New Jersey, for research in the College of Medicine.
15. \$3,750.00 from Union Carbide Educational Fund for the Union Carbide Company Scholarship Fund.
16. \$3,630.00 from Westinghouse Electric Corporation for the College of Dentistry.
17. \$3,500.00 from Smith, Kline and French Laboratories, Philadelphia, Pennsylvania, for research in the College of Pharmacy.
18. \$3,150.00 from Kaiser Aluminum & Chemical Corporation for the Kaiser Aluminum & Chemical Corporation Fellowship Fund in Mechanical Engineering.
19. \$3,000.00 from International Minerals & Chemical Corporation for the International Minerals & Chemical Corporation Fund in the Department of Agronomy.

July 8, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

20. \$2,200.00 from Continental Grain Foundation, New York, New York, for a fellowship in the Department of Agricultural Economics and Rural Sociology.
21. \$2,000.00 from Sun Oil Company as an unrestricted gift to the Department of Chemistry.
22. \$1,850.00 from the Columbus Area Chamber of Commerce for a census tract study under the direction of Dr. James Yocum, Division of Research, College of Commerce and Administration.
23. \$1,500.00 from Gordon E. Hildreth for the Student Athlete Grant-in-Aid Fund.
24. \$1,500.00 from Cyril R. Porthouse for the Student Athlete Grant-in-Aid Fund.
25. \$1,085.00 by gifts in memory of Charles R. Sutton for the establishment of the Charles R. Sutton Memorial Scholarship Fund.

Charles R. Sutton Memorial Scholarship Fund

The Charles R. Sutton Memorial Scholarship Fund was established June 3, 1965, by gifts through the Development Fund in memory of Charles R. Sutton, former Professor in 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 with right to invest and reinvest as occasion dictates. The income is to be used for scholarships to students in the field of landscape architecture.

In the event the need for such scholarships should cease to exist or so diminish as to create unused income then the Board of Trustees of the University may use said income for any purpose in its discretion, preference to be given if possible to items in the field of architecture, landscape architecture, or city and regional planning.

26. \$1,000.00 from Mrs. Dolly Lurie Cohen for the establishment of the Dolly Cohen Graduate Scholarship Fund.
27. \$1,000.00 from Gates, McDonald & Company for the Gates, McDonald Scholarship Fund.
28. \$1,000.00 from Mr. Frederick Stecker for purposes to be designated at a later date.
29. \$1,000.00 from Robert Lazarus, Sr. for The Ohio State University Scholarship Fund.

July 8, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

30. \$1,000.00 from Mrs. Roberta Diehl Porthouse for the establishment of the Porthouse Foundation for Chemical Engineering.
31. \$1,000.00 from Robapharm (Canada) Limited for the Arthritis and Rheumatism Foundation in the College of Medicine.
32. \$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.

TOTAL - Received Through the Development Fund \$262,495.65

Upon motion of Mr. Davis, 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

1. May, 1965

In May, 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	826	\$ 50,012.18
Individuals, other than alumni	80	16,713.13
Nonprofit organizations	27	35,100.14
Business concerns	<u>14</u>	<u>24,770.78</u>
	947	\$126,596.23

Of these gifts, 608 totaling \$9,134.43 were undesignated and 339 totaling \$117,461.80 were designated.

2. June, 1965

In June, 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	1,351	\$120,567.54
Individuals, other than alumni	45	5,070.00
Nonprofit organizations	125	87,731.05
Business concerns	<u>40</u>	<u>80,749.60</u>
	1,561	\$294,118.19

Of these gifts, 920 totaling \$7,999.00 were undesignated and 641 totaling \$286,119.19 were designated.

July 8, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

The Chairman, Mr. Loop, reported that he has appointed Mr. Jacob Davis and Mr. Frederick Jones to serve on a study committee of the Board of Directors of The Ohio State University Development Fund as requested by the Chairman of that Board, Mr. Thomas Meek. Mr. Loop further reported that Mr. Meek has created this committee to study ways and means of implementing the Lazarus report which is related to fund raising and allied subjects. Mr. Loop stated that he has appointed Messrs. Davis and Jones to the study committee since they serve as trustee representatives to the Board of Directors of the Development Fund from this Board.

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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 179999, 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 1964-65.

National Science Foundation

41045	Parks - Pharmacy	\$	820.66
41054	Richardson - Education		6,694.56
41061	Yarrington - Engineering		862.41
41066	Schlessinger - Education		1,597.93
41067	Riley - Physics		682.53
41074	Richardson - Education		192.43
41075	Yarrington - Engineering		1,671.83
41076	Ross - Mathematics		2,610.00
41078	Richardson - Education		1,988.28
41079	Fisher - Mathematics		3,588.66
41081	Spieker - Geology		1,513.00
41107	Fishburne - Aeronautical and Astronautical Engineering		70.31
41050	Garrett - Chemistry		200.04
	Total National Science Foundation	\$	<u>22,492.64</u>

U. S. Department of Health, Education, and Welfare

42046	NIH Fellowship Supply Grant - Wallace	\$	249.26
42071	NIH General Research Support - Meiling		40,353.62
42091	NIH Ophthalmology - Havener		1,480.80
42122	NIH Graduate Training - Veterinary Pathology - Cole		4,921.53
42123	NIH Undergraduate Training - Warren		66.79
42129	NIH Training Grant - Otolaryngology - Saunders		2,540.20

July 8, 1965 meeting, Board of Trustees

V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

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

42131	NIH Training Grant - Pathology - von Haam	\$ 1,095.71
42132	NIH Training Grant - Occupational Health - Ashe	3,455.58
42134	NIH Graduate Training - Social Work - Cornell	144.00
42135	NIH Graduate Training - Physiological Psychology - Meyer	1,014.78
42136	NIH Graduate Training - Psychiatric Social Work - Prince	2,289.17
42137	NIH Graduate Training - Clinical Psychology - Rotter	3,617.32
42138	NIH Graduate Training - Psychiatric Nursing - Harvey	288.40
42139	NIH Research and Career Development Award - Scarpelli	1,486.00
42140	NIH Graduate Training - Social Sciences - Sletto and Nagi	2,001.70
42141	NIH Training Grant - Tropical Medicine and Parasitology - Wharton	772.97
42142	NIH Undergraduate Training - Dental - Wilson	2,413.68
42143	NIH Graduate Training - Social Work - Corrections - Daykin	1,865.72
42144	NIH Graduate Training - Arthritis and Metabolic Diseases - Ullery	552.02
42145	NIH Training Grant - Medical Cardiology - Warren	5,220.32
42146	NIH General Research Support - Krill	6,705.28
42147	NIH Development Award - Weissler	1,576.00
42149	NIH Graduate Training Biochemistry - Deatherage	1,614.50
42150	NIH Undergraduate Training - Psychiatric Nursing - Newton	1,360.21
42151	NIH Graduate Training Veterinary Microbiology - Birkeland	2,169.34
42152	NIH Graduate Training Dental - Wilson	3,103.16
42153	NIH Graduate Training Arthritis and Metabolic Diseases - Hamwi	1,743.62
42154	NIH Graduate Training - Nutrition and Food Technology - Johnson	2,042.20
42159	NIH Undergraduate Training Psychiatry - Patterson	1,926.22
42160	NIH Cancer Training - Dental - Wilson	364.96
42164	NIH Cancer Training - von Haam	1,935.89
42172	NIH Undergraduate Training Clinical - Warren	2,349.93
42173	NIH Development Award - Smith - Hamlin	954.02
42174	NIH Development Award - Nielsen - Nelson	1,543.00
42175	NIH Child Development - Knobloch	3,426.01
42223	Public Health Service - McGiffert	335.56
42157	VRA Teaching and Training Physical Therapy - Woods	355.89
42161	VRA Speech Pathology and Audiology - Schlanger	1,114.53
42163	VRA Teaching Rehabilitation Medicine - Johnson	1,812.13

July 8, 1965 meeting, Board of Trustees

V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

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

42166	VRA Teaching Medical Sociology - Nagi	\$ 208.30
42025	OE Counseling and Guidance - Peters	177.19
42130	OE Counseling and Guidance Institute - Peters	17,752.00
42169	OE Summer Institute - Allen	9,948.00
42167	OE Summer Institute - Peters	<u>4,212.00</u>
	Total U. S. Department of Health, Education and Welfare	<u>\$144,559.51</u>

Other Federal Agencies

43005	AID - Secondary Education - India	\$ 24,447.34
43011	AID - Agriculture - India	11,389.69
43003	AID - Service Charge - India	1,962.00
43017	Veterans Administration - 10%	127.55
43037	ROTC - Curriculum Study	5,740.47
43027	OASI - Rehabilitation Center	<u>14,000.00</u>
	Total Other Federal Agencies	<u>\$ 57,667.05</u>

Miscellaneous

31067	Ford Foundation - Herson	\$ 550.95
31076	A. E. Staley Mfg. Co.	300.00
31082	Rockefeller Institute - Vorys	704.00
31090	Alfred P. Sloan Foundation - Gaines	1,125.00
31037	Continental Casualty Co.	<u>13,121.50</u>
	Total Miscellaneous	<u>\$ 15,801.45</u>

Grand Total \$240,520.65

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

B. Appropriation for Purchase of Research Equipment

At the request of the Vice President for Research and with the approval of the Vice President for Business and Finance, it is recommended that a sum not to exceed \$5,395.00 be appropriated from the University Treasurer Research Subaccount (a) to the Department of Speech under the direction of Professor John Black for the purchase of an integrating digital voltometer (\$3,720.00) and a century oscillograph (\$1,675.00) for use in research in phonetics.

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

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July 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. Drackett Tower

General Contract (Supplemental Agreement)

It is recommended that the following changes be made:

1. Because of the abandonment of West Frambes Avenue, certain changes and omissions in work were necessary in the site improvement portion of the contract. Deduct \$2,690.00.
2. Omit the concrete walk along Lane Avenue, two concrete approaches and two curb sections between this walk and the street since the City of Columbus has agreed to do this work. Deduct \$665.00.
3. After the change in plans for the new sidewalks, certain adjustments were necessary in the existing asphalt drives. Add \$65.00.

Net deduction \$3,290.00

This project is funded from the Dormitory Construction Fund.

B. Electrical Engineering Research Facilities

The exterior windows in Rooms 214 (2A), 216 (2B) and 230 (2C) were eliminated by this building addition and ventilation in these existing rooms is required.

It is recommended therefore that the following changes be made:

1. Heating, Ventilating, and Air Conditioning Contract. Provide ventilation in accordance with revised drawings. Add \$2,785.00.
2. General Contract. Provide all general work in connection with new ventilation. Add \$786.00.

Net addition \$3,571.00

This project is funded from a National Science Foundation Grant, the University Treasurer Research Account, and Item 003, S. B. 370.

July 8, 1965 meeting, Board of Trustees

VI. EXTRA AND CREDIT ORDERS TO CONTRACTS (continued)

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

Food Facility, Phase I - Budget Account 86291	\$ 1,509.50
Food Facility, Phase II - Budget Account 86291	2,014.90
Additions and Alterations to George Wells Knight International Student Center - Budget Account 91030	376.00
Stadium Press Box Elevator - Budget Account 9900	1,141.70
Addition to Antenna Laboratory - Budget Account 91019	1,334.00
Housing for Metallurgical and Mineralogical Laboratories - National Science Foundation Funds	1,368.50
Repairs to Southeast Tower - Ohio Stadium - Budget Account 91038	3,954.00
Remodel Highway Testing Laboratories - Item 022 - Senate Bill 370	1,177.40
Student Housing Building No. 12 (Drackett Tower) - Budget Account 91018	535.00
Total Change Orders on Above Projects	<u>\$13,411.00</u>

Upon motion of Mr. France, 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 estimate of cost for the following project be approved by the Board of Trustees:

A. Upham Hall - Repairs to Auditorium

This project includes interior repairs and revision of the electrical system including the sound system.

Funds for this project will be provided from the Hospital Rotary.

Upon motion of Mr. Dargusch, 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 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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July 8, 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. Main Library - Third Floor Addition in Main Reading Room (Phase I)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Steelwork Contract</u> (1 bid received 6-10-65)		
J. T. Edwards Co. (Columbus)		
Base Bid	\$ 42,835.00	\$ 41,500.00
Substitute Bid: Extend Joist Delivery		
Two Weeks	-	1,345.00
Alt. SW-1 Metal Deck in Place	2,142.00	2,500.00
Alt. SW-2 Move Items Stored in Basement	385.00	400.00
Total Contract	<u>\$ 44,017.00</u>	<u>\$ 44,400.00</u>

Funds for this project will be provided from the Maintenance Account, H. B. 711.

B. Installation of New Heating Boiler to Carry Medical Center Load

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (3 bids received 6-11-65)		
Kautz Construction Co. (Columbus)		
Base Bid	<u>\$ 37,992.00</u>	<u>\$ 35,400.00</u>
<u>Mechanical Contract</u> (4 bids received 6-11-65)		
Limbach Company (Columbus)		
Base Bid	\$ 94,600.00	\$ 182,500.00
Alt. #2-1 Underground Steam Line	26,150.00	35,000.00
Alt. #2-2 Alterations in Tunnel Piping to Provide for Steam Line	6,770.00	15,000.00
Alt. #2-3 Installation of 20,000 Gal. Oil Storage Tank for Standby Fuel	8,805.00	12,000.00
Total Contract	<u>\$ 136,325.00</u>	<u>\$ 244,500.00</u>
<u>Electrical Contract</u> (4 bids received 6-11-65)		
Electrical Contractors Inc. (Columbus)		
Base Bid	<u>\$ 6,614.00</u>	<u>\$ 14,100.00</u>
<u>Total Contracts</u>	<u>\$ 180,931.00</u>	<u>\$ 294,000.00</u>

Funds for this project are provided in Item 016, S. B. 370.

July 8, 1965 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

C. Repairs in Electrical Systems

	<u>Low Bid</u>	<u>Est. of Cost</u>
(5 bids received 6-14-65)		
The Electric Power Equipment Co. (Columbus)		
Base Bid	\$ 35,769.00	\$ 63,000.00
Alt. E-1 Hamilton Hall Corridors	13,272.00	14,000.00
Alt. E-2 Physical Education Building Gymnasium	6,534.00	8,000.00
Total Contract	<u>\$ 55,575.00</u>	<u>\$ 85,000.00</u>

Funds for this project will be provided from the Maintenance Account, H. B. 711.

D. Chemistry Research Facilities

On June 10, 1965, the Board of Trustees approved the award of the following Contracts including several deductive alternates: General; Laboratory Equipment; Heating, Ventilating, and Air Conditioning; and Electrical. The Plumbing Contract was subsequently readvertised with bids received on June 16. After a thorough analysis of the bids received for the Plumbing Division together with the low bids received on the other divisions earlier, the Director of Public Works of the State of Ohio revised his recommendation for award of contracts; and it is therefore recommended that the action taken by the Board of Trustees on June 10 regarding this project be rescinded and that award of contracts be approved as follows:

	<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>Low Bid</u>	<u>Est. of Cost</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>Low Bid</u>	<u>Est. of Cost</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

July 8, 1965 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

D. Chemistry Research Facilities (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u> (4 bids received 6-4-65) Mid-City Electric Co. (Columbus)		
Base Bid	\$ 134,679.00	\$ 143,843.00
<u>Plumbing Contract</u> (3 bids received 6-16-65) Duckworth Plumbing & Heating Co. (Columbus)		
Base Bid	\$ 354,159.00	\$ 485,000.00
<u>Total Contracts</u>	<u>\$1,328,081.00</u>	<u>\$1,565,244.00</u>

Funds for this project will be provided from Item 010, S. B. 370.

E. Pulsed Van de Graaff Accelerator Facility

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (3 bids received 6-16-65) Robert W. Setterlin & Sons (Columbus)		
Base Bid	\$ 41,230.00	\$ 62,130.00
<u>Plumbing, Heating, and Air Conditioning Contract</u> (4 bids received 6-16-65) The Kuempel Co. (Columbus)		
Base Bid	9,240.00	11,445.00
<u>Electrical Contract</u> (3 bids received 6-16-65) McCarty Bros. Electric Co. (Columbus)		
Base Bid	5,470.00	5,225.00
<u>Total Contracts</u>	<u>\$ 55,940.00</u>	<u>\$ 78,800.00</u>

Funds for this project are provided from Item 029, S. B. 370, and Account 813 (601), H. B. 711.

July 8, 1965 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

F. Ohio Union - West Terrace Dining Room Expansion

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(2 bids received 6-17-65)		
E. J. Will & Co. (Columbus)		
Base Bid	\$ 85,123.00	\$ 95,000.00
Alt. G-1 Automatic Door Closers	1,833.00	2,000.00
Alt. G-2 Screen Walls	2,548.00	2,000.00
Alt. G-3 Parquet Flooring	218.00	300.00
Total General Contract	<u>\$ 89,722.00</u>	<u>\$ 99,300.00</u>
 <u>Air Conditioning Contract</u>		
(3 bids received 6-17-65)		
O'Brien Plumbing & Heating Co. (Columbus)		
Base Bid	<u>\$ 39,300.00</u>	<u>\$ 45,000.00</u>
 <u>Plumbing Contract</u>		
(1 bid received 6-17-65)		
Bruner Corp. (Columbus)		
Base Bid	\$ 4,522.00	\$ 6,000.00
Alt. P-1 Door Operator Service	563.00	400.00
Total Plumbing Contract	<u>\$ 5,085.00</u>	<u>\$ 6,400.00</u>
 <u>Electrical Contract</u>		
(3 bids received 6-17-65)		
Claggett Electric Co. (Columbus)		
Base Bid	\$ 31,250.00	\$ 40,000.00
Alt. E-1 Door Operator Service	30.00	100.00
Total Electrical Contract	<u>\$ 31,280.00</u>	<u>\$ 40,100.00</u>
 <u>Total Contracts</u>	 <u>\$ 165,387.00</u>	 <u>\$ 190,800.00</u>

Funds for this project will be provided from the Ohio Union Rotary.

G. Repairs to Floors

	<u>Low Bid</u>	<u>Est. of Cost</u>
(2 bids received 6-28-65)		
B & T Carpet and Linoleum Co. (Columbus)		
Base Bid	\$ 15,068.00	\$ 20,000.00

Funds for this project will be provided from the Maintenance Account in H. B. 200.

July 8, 1965 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

H. Physiological and Experimental Psychology Laboratory

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (9 bids received 6-25-65) Pendleton Construction Co. (Columbus)		
Base Bid	\$ 24,470.00	\$ 20,300.00
<u>Heating and Ventilating Contract</u> (4 bids received 6-25-65) Eastern Plumbing & Heating, Inc. (Columbus)		
Base Bid	\$ 11,586.00	\$ 8,500.00
Alt. HV-1 Air Conditioning Piping	525.00	1,750.00
Total Contract	\$ 12,111.00	\$ 10,250.00
<u>Plumbing Contract</u> (4 bids received 6-25-65) Eastern Plumbing & Heating, Inc. (Columbus)		
Base Bid	\$ 4,798.00	\$ 4,500.00
<u>Electrical Contract</u> (3 bids received 6-25-65) Mid-City Electric Co. (Columbus)		
Base Bid	\$ 4,900.00	\$ 3,400.00
<u>Total Contracts</u>	<u>\$ 46,279.00</u>	<u>\$ 38,450.00</u>

Funds for this project will be provided from Budget Accounts 801043 and 801044.

Upon motion of Mr. Bricker, 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:

- 167 Approves the expenditure of \$22,500.00 from the Maintenance Account in H. B. 711 for the project "Improvements of Fire Alarm Systems."
- 169 Approves the expenditure of \$15,550.00 from Item 030, S. B. 370, for the project "Utility Extensions Northeast Corner of Campus--Storm Sewer Extension."
- 171 Approves the award of contracts without further competitive bidding, the transfer of \$133,500.00 from Item 002 to Item 008, S. B. 370, and release of this money and \$439,500.00 from Item 008 for the project "Aerodynamics and Missile Propulsion Laboratory."

July 8, 1965 meeting, Board of Trustees

IX. CONTROLLING BOARD APPROVALS (continued)

- 172 Approves the award of contracts without further competitive bidding and the release of \$3,209,240.00 from Item 014, S. B. 370, for the project "Pharmacy Building."
- 173 Approves the award of contracts without further competitive bidding and the release of \$1,776,315.00 from Item 018, S. B. 370, for the project "Plans and Buildings for Lima Branch."
- 174 Approves the award of contracts without further competitive bidding and the release of \$1,916,315.00 from Item 019, S. B. 370, for the project "Plans and Buildings for the Mansfield Branch."
- 175 Approves the award of contracts without further competitive bidding and the transfer and release of \$40,550.00 from Item 006 to Item 030, S. B. 370, for the project "Utility Services Extensions."
- 176 Approves the expenditure of \$62,270.00 from Item 006, S. B. 370, for the project "Construction of Curl Drive, Phase I."
- 177 Approves the award of contracts without further competitive bidding, the transfer of \$13,000.00 from Item 020 to Item 021, S. B. 370, and the release of \$314,890.00 in Item 021 for the project "Modernization of Orton Hall and Mendenhall Laboratory."
- 178 Authorizes 10-day advertising for the project "Pulsed Van de Graaff Accelerator Facility."
- 179 Approves the transfer of \$105,800.00 from Item 020 to Item 028, S. B. 370, and the release of this money for the project "Veterinary Clinic and Animal Hospital."
- 180 Approves the award of contracts without further competitive bidding, the transfer of \$13,950.00 from Item 006 to Item 024, the transfer of \$40,000.00 from Item 007 to Item 024, and the release of \$333,080.00 from Item 024, S. B. 370, and the expenditure of \$101,350.00 from the Maintenance Fund in H. B. 711 for the project "Modernization of Commerce and Administration Building (Page and Hagerty Halls)."
- 181 Approves the award of extra orders without further competitive bidding in the amount of \$40,081.57 for the project "Dayton Branch."
- 183 Approves the award of contracts without further competitive bidding and the release of \$2,494,640.00 from Item 007, S. B. 370, for the project "Engineering Classrooms and Laboratories."
- 184 Approves the expenditure of \$1,088,934.00 from Item 010, S. B. 370, for the project "Chemistry Research Facilities."
- 185 Approves the award of contract without further competitive bidding for the project "Demolition and Removal of Veterinary Clinic and Utility Storage Buildings."

July 8, 1965 meeting, Board of Trustees

IX. CONTROLLING BOARD APPROVALS (continued)

- 186 Approves the transfer and release of \$15,000.00 from Item 020 to Item 028, S. B. 370, to provide funds for the preparation of plans for the new Veterinary Clinic and Animal Hospital.
- 188 Approves the expenditure of \$4,000.00 from the Maintenance Fund in H. B. 711 for the project "Steel Work Contract of Main Library Improvements."
- 189 Approves the award of contract without further competitive bidding for the project "Installation of New Heating Boiler for the Medical Center."
- 190 Approves the transfer and release of \$74,749.95 from Item 016 to Item 015, S. B. 370, to provide funds for the purchase of property in the Medical Center area.
- 191 Approves the expenditure of \$60,000.00 from the Maintenance Fund, H. B. 711, for the project "Repairs in Electrical Systems."
- 192 Approves the award of contract without further competitive bidding for the project "Garage - Phase II, Paving."
- 194 Approves the award of contracts without further competitive bidding for the project "Van de Graaff Generator Addition to Evans Laboratory."

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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 David Lee Boggs 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. Boggs, 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. France, seconded by Mr. Jones, the above recommendation was approved by unanimous roll call vote.

B. Dining Facility - Northeast, Employment of Engineer

At the May 13, 1965 meeting of the Board of Trustees, W. E. Monks was recommended for employment as the Mechanical Engineer for this project at a fee of 2.5 per cent of the cost of the mechanical and electrical work. This fee was based on the fact that this building was very similar to North Commons and the work was largely repetitive. Since then, changes and additions have been made in the work which require revised drawings and additional design work.

July 8, 1965 meeting, Board of Trustees

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

B. Dining Facility - Northeast, Employment of Engineer (continued)

It is therefore recommended that the contract with W. E. Monks to provide complete professional engineering services for heating, ventilating, and air conditioning; plumbing; and electrical work for this project be processed to increase his fee to 3 per cent of the cost of the mechanical and electrical work or an estimated \$13,020.00.

This project is funded from the Dormitory Construction Fund.

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

C. Purchase of Property - Building and Five Lots, 162 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 Baptist Foundation, Inc. and the Tenth Avenue Baptist Church at a price of \$100,000.00:

Property known as 162 West Tenth Avenue, being
Lots Nos. 28, 29, 30, 31, and 32 of the John A.
Evan's College View Addition, City of Columbus,
County of Franklin, State of Ohio.

Purchase will be consummated as soon as funds are available from H. B. 202 or other authorized sources of funds designated for this purpose.

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, 188 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 Jessie M. and Mikhail Condoide at a price of \$20,000.00:

Property known as 188 West Tenth Avenue, being a
50-foot tract off the west side of Reserve B, University
Heights Addition, City of Columbus, County of Franklin,
State of Ohio.

Purchase of this property will be consummated as soon as funds are available from H. B. 202 or other authorized sources of funds designated for this purpose.

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

July 8, 1965 meeting, Board of Trustees

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

E. Purchase of Buildings and Property, 138 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 Garnet G. Folden at a price of \$22,000.00:

Property known as 138 West Ninth Avenue, being
Lot #48, William N. King's Second Subdivision,
City of Columbus, County of Franklin, State of
Ohio.

Purchase of this property will be consummated as soon as funds are available from H. B. 202 or other authorized sources of funds designated for this purpose.

Upon motion of Mr. Davis, seconded by Mr. France, 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 Robin Charles Burrell, Professor Emeritus in the Department of Agricultural Biochemistry. 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. Robin Charles Burrell

The Board of Trustees expresses its sorrow at the death on June 7, 1965, of Robin Charles Burrell, Professor Emeritus in the Department of Agricultural Biochemistry.

Professor Burrell was born in Northfield, Ohio, March 14, 1896. He earned his B.S. degree at Mount Union College, where he graduated summa cum laude in 1918. He received his M.A. degree in 1921 and his Ph.D. degree in 1925 at The Ohio State University. During the period 1921-23, he was Associate Professor at the University of Richmond, Virginia. Immediately following the completion of his Ph.D. degree in 1925, he joined the faculty of the Department of Agricultural Chemistry (later called the Department of Agricultural Biochemistry) at The Ohio State University and advanced through the ranks to become Professor in 1940.

Professor Burrell and his students contributed significant knowledge to the understanding of plant biochemistry. This knowledge is described in approximately 30 publications appearing in scientific journals under Dr. Burrell's name. He was an exceptionally fine analytical chemist and much of his published research work relates new or improved analytical techniques for the estimation of plant constituents. Several of these techniques have remained in use by biochemists. Professor Burrell had a keen appreciation of plant metabolism and used radioactive isotopes to study this important area of biochemistry.

July 8, 1965 meeting, Board of Trustees

XI. RESOLUTION IN MEMORIAM (continued)

A. Robin Charles Burrell (continued)

In the classical sense, Dr. Burrell was a Professor. He was foremost a teacher--a teacher who loved students and who in turn was loved by them; a teacher who carefully and painstakingly collected knowledge and conveyed it successfully in a true didactic fashion to his students; and a teacher whose students have enjoyed success and who have frequently attributed significant parts of their understanding of their chosen fields of study to him. As a corollary to his teaching, he wrote several textbooks in biochemistry for class use. During his many years as a teacher at The Ohio State University in a field of study which caters to small classes, he had more than 10,000 students and was a preceptor for more than 20 doctoral candidates as well as innumerable master's degree students.

Dr. Burrell was a student of philosophy and in his own unique fashion carried the wisdom of this endeavor to his students and his colleagues. Not only was Professor Burrell a student of philosophy, but also he lived a well-planned life based upon what he considered the best of classical philosophy--perhaps the outstanding characteristics of that life was a sincere willingness to give of himself without the anticipation of gain.

Professor Burrell's service to his fellow scientists was exemplified by almost 30 years of service to Chemical Abstracts, during which time he abstracted eight journals (several in foreign languages).

Professor Burrell was a member of the American Chemical Society, the American Society of Plant Physiologists, the American Association for the Advancement of Science, Phi Lambda Upsilon, and Sigma Xi. He was also a Fellow of the American Institute of Chemistry. Professor Burrell was a member of the First Congregational Church and of several Masonic orders.

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 "Guest Speakers" Rule 21.09 and Faculty Rules Related Thereto

President Fawcett made the following statement:

Over a period of nine years I have given countless hours of agonizing thought to the manner in which this University might provide a full measure of academic freedom and still live within a framework of responsible stewardship in all work that it undertakes. A basic issue on which there has appeared to be a sharp disagreement is the matter of guest speakers who are invited to the campus to address groups on some political issues. This problem is not a new one, nor is the controversy that is generated by it limited to this campus.

July 8, 1965 meeting, Board of Trustees

XII. REPORTS (continued)

A. Report on "Guest Speakers" Rule 21.09 and Faculty Rules Related Thereto
(continued)

President Fawcett's Statement Re Proposed Revision of Speakers Rule

Since 1951 people whose lives have reflected deep dedication to the welfare of The Ohio State University have argued this subject with conviction. And what better place is there for debating such a fundamental issue than in the atmosphere of a university setting where controversy is part and parcel of the intelligent man's eternal struggle to seek truth? This is the stuff of which a real university is made.

Often in the long process through which change comes about in our system, tangential problems, personal biases, and dramatic incidents tend to cloud the central focus of an issue, and ultimate solution is thereby denied. During my first eighteen months as President much of my time was given to an effort to revise our policy on guest speakers through negotiations between the Board of Trustees and the Faculty Advisory Committee. The basic structure of our present rule is the outcome of those negotiations, although rule 21.09 has been amended twice since that time--both times at the suggestion of the Faculty Advisory Committee.

Since one of my principal responsibilities is to administer the University under the rules and regulations that exist, I have tried very hard to be faithful to my charge and have interceded only when actions proposed have appeared to be in clear violation of the rule.

According to estimates that have been made, about 4,000 speakers appear on this campus every year. From 1958 to 1962 the rule seemed to work quite effectively. Indeed this experience, as much as anything else, was responsible for the lifting of AAUP censorship from this campus. Since 1962 I have invoked the rule twice, and during this past spring Vice-President Weaver, in the proper discharge of his responsibility, acted in a case where a speaker clearly did not qualify under the rule. In each case action was taken only after careful study and consultation.

In recent controversies on this matter, I have noted that disagreement has centered more on the right of students to hear extremists express their views than on the right of the extremists to speak. Usually these disagreements have focused on whether or not a member of the Communist Party of the U. S. A. can appear and be challenged in his declarations by bright young men and women who are now a very real part of American life and who are eager to test their intellectual depth and breadth in the "market place" of political thought. Most of these students have achieved a substantial degree of maturity and, according to the best estimates I have seen, as many as 75% of our students feel strongly that a change in our speakers' rule is essential.

July 8, 1965 meeting, Board of Trustees

XII. REPORTS (continued)

A. Report on "Guest Speakers" Rule 21.09 and Faculty Rules Related Thereto
(continued)

President Fawcett's Statement Re Proposed Revision of Speakers Rule

From my own view, no political ideology is more abhorrent than that expounded by the Communists. Neither do I believe that the quality of the education received by students here is going to be advanced by a few students watching an occasional hard-core Communist hide cleverly behind the screen of academic freedom in an effort to create the impression that the Communist Party of the U. S. A. is respectable and deserving of acceptance on a national scale. Additionally, I might add, no valid subject that is appropriate to a university setting has been too controversial to discuss here, despite published statements to the contrary. Even the most militant reaction against our rule has seemed to have its genesis in a principle that has precluded the appearance of three or four people out of perhaps more than twenty-five or thirty thousand who have come and gone without incident.

The fact remains that The Ohio State University is one of the great universities of the world. Its work is conducted in association and often in competition with a large family of distinguished institutions engaged in undergraduate, graduate, and professional education and research. Evidence of this fact is our active membership in the CIC, AURA, MURA, AMU, AAU, IAU, and other scientific, scholarly, and professional groups. We work with the smaller universities in Ohio and with the Ohio College Association on such matters as are important to our common interest.

Consequently, as I see our problem, this University must be no less free than others to test ideas that flow from the frontiers of thought despite the fact that at times an idea may be highly controversial and even repulsive to our keener insights. Historically, ideas have been challenged on the campuses of great universities, and out of this quality of confrontation have evolved knowledge and values that have been useful to the advancement of civilization and to the improvement of our cherished way of life. Examples here are so obvious that none needs listing.

While I am on this subject, let me state that in my view Ohio State students are no less mature and no less capable of withstanding the onslaught of propaganda than those on the campuses of other large universities. Neither would I accept an accusation that members of our faculty are less responsible, less competent, or less dedicated to the American system than those on other campuses.

Yet at almost all of these institutions, speakers come and go either under a policy not very different from the one before you this morning or under no policy or rule at all except for such regulations as are required for essential housekeeping.

July 8, 1965 meeting, Board of Trustees

XII. REPORTS (continued)

A. Report on "Guest Speakers" Rule 21.09 and Faculty Rules Related Thereto
(continued)

President Fawcett's Statement Re Proposed Revision of Speakers Rule

I must conclude, therefore, that whether or not our present rule is in the best interest of all higher education it is liable to question. Let me explain:

1. So long as the Federal and state governments permit people who are classed as subversives or who are suspected strongly of being allied with subversives to move about this country freely, enjoying all of the freedoms to which you and I are entitled, it seems to me that we set ourselves up as being over and above the law when we restrict, more severely than other great institutions restrict, the liberty of these persons. Their writings are published and circulated freely; they achieve exposure in one way or another on radio, through television, and in the public press. How can we place ourselves in a position that would appear to be somewhat in conflict with the practices of our Federal and state governments?
2. I have concluded, after long and exhaustive study, that the posture in which we find ourselves under the present rule (21.09) is one through which subversives and their ilk achieve exactly the kind of publicity for which they strive, and that we in a sense aid their cause by giving them an opportunity to gain the quality of exposure they seek. On many other campuses that operate under the kind of rule before you this morning controversial people appear, are heard by a very few people, and leave without having made much impact on anyone. Knowing that nothing spectacular will happen, the curiosity seekers stay home, the busy student proceeds with his work, the communications media simply report, and the institution gets on with its important work without undue interference or the unwarranted proliferation of the energies of its staff.

Here there is much commotion before the speaker appears; the student and faculty member, who otherwise would have little if any interest, rushes to the scene; and the drama quickens with each passing moment until the incident is past. The staff is engaged in countless hours of diverted energy that is needed for other tasks, and the residue of the incident lingers to draw attention away from the central purpose of the institution.

XII. REPORTS (continued)

A. Report on "Guest Speakers" Rule 21.09 and Faculty Rules Related Thereto (continued)

President Fawcett's Statement Re Proposed Revision of Speakers Rule

3. The faculty, students, and staff of this University, now dedicated to a new measure of quality and quantity at the graduate and professional levels, are just as capable of meeting the challenge that is posed by substitutes as are those in other universities. The Faculty Advisory Committee has given freely of its time to seek a responsible solution to our problem. The proposal before you today, in response to your request of April 8, 1965, is the outcome of skillful study; careful analysis of material developed in hearings where students, faculty, and alumni presented views; debate in the best tradition of a democratic society; and compromise which marks the ultimate result of using procedures that are essential to finding the most acceptable solution to a problem on which people have honest difference of opinion.

Finally, I wish to pay tribute to our Faculty Advisory Committee, which has responded to your request of April 8, 1965, by engaging in a process outlined under the rules that govern the evolution of educational policy. The members of this Committee approached their task with the objectivity, the honesty, and the creativity that mark the true scholar. As they worked toward this deadline and as they consulted with Dr. Corbally, Dr. Weaver, and me, I was impressed by their determination not to be coerced into intemperate action by demonstrations, editorial comment, or intimidation.

They have presented to you a new speakers rule to be substituted for our present rule (21.09). This proposal has the strong support of the Faculty Council and the members of the President's Cabinet and I recommend its adoption, effective September 1, 1965. This effective date will provide time for the printing, circulation, and interpretation of the rule. I recommend further the revision of Rules 53.01, 21.01, 53.09, and 61.05 in accordance with the proposal submitted by the Faculty Advisory Committee, all of which have had wide circulation.

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July 8, 1965 meeting, Board of Trustees

XII. REPORTS (continued)

A. Report on "Guest Speakers" Rule 21.09 and Faculty Rules Related Thereto
(continued)

Mr. Allyn presented the following resolution and moved its adoption:

RESOLVED that Rules for the University Faculty numbered 21.09, 21.01, 53.01, 53.09, and 61.05 be repealed and of no further force and effect as of September 1, 1965.

BE IT FURTHER RESOLVED, coincident with the repeal, that the language proposed by the Faculty Advisory Committee to the President and Board of Trustees as attached hereto and made a part of this resolution shall then constitute new Rules 21.09, 21.01, 53.01, 53.09, and 61.05 to be in force and effect as of September 1, 1965.

Rules as Proposed by Faculty Advisory Committee

21.09. Guest Speakers*

Section 1. It is the policy of the University to foster a spirit of free inquiry and to encourage the timely discussion of the broad range of issues which concern our nation, provided that the views expressed are stated openly and are subject to critical evaluation. Within our prevailing standards of decency and honesty, this policy shall be construed to mean that no topic or issue is too controversial for intelligent discussion on the campus. Restraints on free inquiry should be held to that minimum which is consistent with preserving an organized society in which change is accomplished by peaceful, democratic means.

Section 2. To this end, a student organization, after consultation with and prior approval of its faculty adviser, may invite guest speakers to the campus to address meetings (see Rule 61.05, Section 3), subject only to the following provisions:

- (a) Sponsorship must be by a recognized student organization.
- (b) Arrangements for the use of University facilities must be made in accordance with Rules 53.09 and 61.05.
- (c) It must be made clear that the student organization, not the University, is extending the invitation and that any views the speaker may express are his own and not those of the University.
- (d) The student organization must take whatever steps are necessary to insure that the meeting is conducted in an orderly manner.

*Rule initiated by Board of Trustees.

XII. REPORTS (continued)

A. Report on "Guest Speakers" Rule 21.09 and Faculty Rules Related Thereto (continued)

21.09. Guest Speakers* (continued)

- (e) The student organization must provide means for critical evaluation of the speaker's view, which must include as a minimum, an open question period following the speaker's presentation.
- (f) The student organization must comply with any and all conditions for the orderly and scholarly conduct of the meeting as prescribed by the Faculty Advisory Committee to the President and the Board of Trustees in accordance with Section 3 of this Rule.

Section 3. In a situation attended by extreme emotional feeling, the Faculty Advisory Committee to the President and the Board of Trustees shall prescribe conditions for the orderly and scholarly conduct of the meeting but may not select the speaker or topic. Such conditions may include, but are not necessarily limited to: designating a member of the tenured University Faculty as chairman; limiting attendance to students, faculty, and staff; requiring the inclusion of one or more additional speakers at the meeting in question or at a subsequent meeting so that other points of view may be expressed; or requiring a debate format in which the speaker debates with a qualified opponent.

The Committee shall function on its own initiative or at the request of any of the following: the sponsoring student organization, its Faculty Adviser, the Faculty Council, the Council on Student Affairs, the President of the University or his designated representative.

Section 4. A speaker invited by a student organization must not advocate action or urge the audience to take action which is illegal under the laws of the United States, the State of Ohio, or which is prohibited by the rules of the University. It is the responsibility of the student organization to inform speakers in writing of this prohibition.

Section 5. The maximum penalties to be assessed against a student organization for a failure to observe the provisions of Section 2 or for sponsoring a speaker who violates the prohibition of Section 4 of this rule shall be (a) for a single violation (including, as a single violation, multiple violations relating to the same meeting) in any academic year, suspension of the right of the student organization to invite a guest speaker to the campus for a twelve months' period and (b) for more than one violation in any academic year, termination of the student organization's recognized status. Charges that a student organization has violated

*Rule initiated by Board of Trustees.

XII. REPORTS (continued)

A. Report on "Guest Speakers" Rule 21.09 and Faculty Rules Related Thereto
(continued)

21.09. Guest Speakers* (continued)

this rule shall be investigated through a hearing before the Council on Student Affairs, at which the rights of representation, submission of evidence, and the introduction of witnesses shall be granted, and a permanent record be kept if the student organization undertakes to pay the costs of such record. The Council on Student Affairs shall make findings of fact and such recommendations as it may deem appropriate and submit these to the President, who shall have final authority to determine whether the charges have been sustained and to impose the appropriate penalty.

Students, either as individuals or as members of recognized student organizations, who act in violation of the provisions of this rule shall be subject to the disciplinary procedures and actions outlined in Rule 51.01 and in Section 1 of the Student Handbook of Rules and Regulations, "General Regulations for all Students--Administration of Conduct and Discipline."

Section 6. Faculty and other entitled to sponsor a meeting involving the use of University facilities (see Rule 61.05) shall observe this rule.

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21.01. Academic Freedom and Responsibility*

Section 1. The Ohio State University favors the fullest academic freedom consistent with its educational program and with national security. It believes that steadfast adherence to the principles of free discussion and investigation, with correlative responsibility, is the cornerstone of such an institution in a free society; that the continued strength of the educational process depends upon an unqualified dedication to our traditional freedoms and the preservation of the moral and intellectual integrity of the teacher. In the United States, in contrast to much of the world where doctrinaire propaganda, officially stated and enforced, is substituted for freedom of individual thought and expression, the molding of the lives of young people outside the family circle is largely entrusted to the church and the school, and this University holds inviolate the essential rights of the teacher. Honesty and objectivity, however, must always be cardinal principles in teaching, and only those who are free in conscience have the right to teach in a university which is founded upon the principle of intellectual integrity.

*Rule initiated by Board of Trustees.

XII. REPORTS (continued)

A. Report on "Guest Speakers" Rule 21.09 and Faculty Rules Related Thereto
(continued)

21.01. Academic Freedom and Responsibility* (continued)

Section 2. A teacher, regardless of tenure in The Ohio State University, is entitled to freedom of research and publication, of classroom discussion of all matters relevant to the subject matter of his course, and of expression of opinion as a citizen, subject to the obligation to be accurate and to exercise appropriate restraint in accordance with the standards of his learned profession.

The teacher's privileges imply correlative responsibilities. In addition to maintaining those standards of competence set forth as minima for his rank, and particularly those relating to scholarship and teaching ability, the teacher also has the obligation to maintain the proper attitude of objectivity, conscientious industry and cooperation with his associates and the University. Further, he has the responsibility to refrain from introducing into his teaching controversial matter unrelated to his subject; and in making public statements, he has the responsibility to make it clear that he is not an institutional spokesman.

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53.01. Organized Activities*

The Executive Dean for Student Relations shall promulgate rules governing all organized activities (including social functions) which are University connected and in which students or the wives of students participate.

These rules shall include a requirement that each recognized organization shall have an Adviser, selected by the student organization from members of the tenured University Faculty. Exceptions to the requirement that the Adviser be a tenured member of the University Faculty may be made by the Council on Student Affairs. The Adviser in accepting the appointment, agrees to maintain contact with the organization so as to be familiar with its program and personnel. In addition, the Adviser shall be responsible for advising the organization as to its program and personnel, having in mind not only the objectives of the particular group but also the purposes of the University, one of which is to foster a spirit of free inquiry in a setting which provides for open-minded, objective, and critical evaluation of the ideas expressed.

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*Rule initiated by Board of Trustees.

XII. REPORTS (continued)

A. Report on "Guest Speakers" Rule 21.09 and Faculty Rules Related Thereto
(continued)

53.09. Student Use of University Buildings*

Section 1. University facilities assigned to a student organization shall be used only for the usual activities of such student organization. If a student organization desires to use University facilities, which facilities have been assigned to the organization, for purposes other than its usual activities, it shall request permission for such use from the Executive Dean for Admissions and Registrations in accordance with Rule 61.05.

Section 2. No student, group of students, or student organization may announce a meeting involving the use of University facilities or use University facilities for a meeting, unless permission for such use has been obtained from the Executive Dean for Admissions and Registrations in accordance with Rule 61.05.

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61.05. University Facilities*

Section 1. University facilities may be scheduled and used only if the meeting is sponsored by at least one of the following:

- (a) the University,
- (b) an administrative unit of the University,¹
- (c) the President or a member of his Cabinet,
- (d) a member of the University Faculty,
- (e) a club or committee of University faculty members, University staff members, or their wives, or
- (f) a recognized student organization (see Rule 53.01).

Section 2. The Executive Dean for Admissions and Registrations shall be responsible for the scheduling of and shall have the necessary authority to schedule all University facilities. (See Rule 11.1107.) No meeting shall be scheduled in or announced for any University facility unless permission to use the facility has been obtained in advance from the Executive Dean for Admissions and Registrations. All requests for the use of University facilities shall indicate the nature of the proposed meeting. If the proposed meeting is one to which a guest speaker is to be invited, the request for the use of University facilities shall indicate the

*Rule initiated by Board of Trustees.

¹This includes, but is not limited to, the Graduate School, a College, Department, School, Institute, and Bureau.

XII. REPORTS (continued)

A. Report on "Guest Speakers" Rule 21.09 and Faculty Rules Related Thereto
(continued)

61.05. University Facilities* (continued)

name of the guest speaker and shall be submitted to the Executive Dean for Admissions and Registrations at least two weeks prior to the date the meeting is to be held, but such two-week period may be waived by the Executive Dean for Admissions and Registrations if the exigencies of the situation so require and the orderly scheduling of University facilities would not be unduly prejudiced. (See Rule 21.09.)

Section 3. The word "meeting," as used in Rule 21.09, 53.09, and 61.05, means any meeting using University facilities to which the faculty, staff, students, or public is invited, except:

- (a) regularly scheduled University courses,
- (b) conferences approved under University procedures, and
- (c) meetings of state, regional, national, or international organizations approved under University procedures.

Section 4. The responsibility and authority of the Executive Dean for Admissions and Registrations under this Rule may be delegated by him to a member of the University Faculty or of the staff of this University.

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*Rule initiated by Board of Trustees.

Mr. Davis seconded the motion that the above resolution be adopted.

Mr. Bricker then made the following statement:

The Faculty Advisory Committee, the Administration, and the Board of Trustees have worked conscientiously and cooperatively in an effort to resolve the problems concerning the speakers rule. So far as I am concerned, most problems have been resolved and only two major questions of difference remain. They are: (1) the matter of administrative responsibility, and (2) the types of speakers who may be invited to the campus. I hope that the cooperative efforts will continue.

I know that I am in disagreement with some when I state my philosophy that Communists, Nazis and Facists, and members of other subversive organizations, and their supporters, have no right to speak at a tax-supported state university, for they are not free men, and hence, are incapable of the objectivity which must attach to all speakers at a state university.

XII. REPORTS (continued)

A. Report on "Guest Speakers" Rule 21.09 and Faculty Rules Related Thereto (continued)

Mr. Bricker's Statement Re Proposed Revision of Speakers Rule

Either I am right about this--or our Nation is wrong--in the prosecution of our case in Viet Nam, in our opposition to Castro, and to Communist and other subversive powers, generally.

My devotion to my Country, and my unswerving opposition to Communists, Nazis, Facists, and other subversives, and their supporters, at Ohio State, and elsewhere, have never been questioned. I will not change now, even though to do so might be popular in some areas. Every man must, however, live with his own conscience, and so far as I am concerned, there will be no Communists, Nazis, Facists, or other subversives, or their supporters, teaching or speaking at Ohio State while I am on the Board, if I can prevent it.

Let there be no implication that any member of this Board, Administration, or Faculty is in favor of Communism or any other subversive organizations. It is only a difference of interpretation of our methods of accomplishment.

Also incidental to this issue, we have been requested by the Attorney General of Ohio, who is the attorney for this Board and The Ohio State University, that we make no change in the rule pending the outcome of the court case in the Federal court to force this University to permit speakers on campus. Since this case was brought by the opposition, we have no control over it. This will test whether this Board of Trustees has power to make the rules for the University or whether it is to be done by those from outside the University.

Upon the request of the Chairman, the Secretary then read the proposed Rule 21.09.

Upon a roll call vote, Messrs. Allyn, Davis, and Loop voted affirmatively to adopt the resolution offered by Mr. Allyn. Messrs. Bricker, Dargusch, Ketterer, Jones, and France voted negatively. The Chairman ruled the motion defeated.

B. Report on the University's Investment Portfolio

The report on the University's Investment Portfolio dated June 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.

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July 8, 1965 meeting, Board of Trustees

Thereupon the Board adjourned to meet Tuesday, September 14, 1965, at the Ohio Agricultural Research and Development Center, Wooster, Ohio, at nine o'clock.

Attest:

John T. Mount
Secretary

Alan B. Loop
Chairman

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APPENDIX I

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

August 27, 1965

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RECIPIENTS OF HONORS

JAMES E. POLLARD

THE OHIO STATE UNIVERSITY DISTINGUISHED SERVICE AWARD

*Author, teacher, meticulous research scholar, former
University Historian and Director of the School of Journalism*

James E. Pollard has earned a place in University history alongside the great leaders whose deeds he has chronicled so well. For more than half of Ohio State's history, he was witness to and participant in the events which shaped its course. Who better to serve as the first University Historian than a man with James Pollard's keen sense of history, his grasp of detail, and his scholarly dedication and fidelity to the record?

Professor Pollard holds three degrees from Ohio State. He served as a teaching assistant in political science during 1920-21, as Director of the News Bureau from 1923-33, and as a member of the School of Journalism faculty from 1935-58, including 20 years as Director of the School. His national leadership in journalism education found expression through a range of professional organizations, several of which he served as president.

Author of more than a dozen books, Professor Pollard is widely recognized for his research and writings, notably in history and newspaper law. He is a leading authority on the relations of U. S. presidents with the press. His book on that subject received the 1947 Sigma Delta Chi Distinguished Service Award for research in journalism and in 1963 was included in the White House reference collection.

All who have known James Pollard have been endowed with the warmth of his personality and inspired by his loyalty to Ohio State. He has been a gentle conscience who would not let his University forget its heritage or its debt to the past.

G. E. TENNEY

THE OHIO STATE UNIVERSITY DISTINGUISHED SERVICE AWARD

*Energetic businessman, faithful alumnus, and tireless worker
for the welfare of the University*

G. E. Tenney has made the advancement of The Ohio State University his personal mission. For 50 years, this dynamic alumnus has applied the enthusiasm of the undergraduate and the efficiency of the business executive to a host of major assignments in behalf of Ohio State.

Mr. Tenney's University service has included the national presidency (1941-1943) of The Ohio State University Association; two five-year terms as a member of the Alumni Advisory Board, representing the College of Engineering; alumni representative on the Board of Directors of the University's Research Foundation; member of the Board of Governors of the Cleveland Alumni Club; and Development Fund chairman for several Chicago-area campaigns. In 1963, he served as voluntary coordinator of the alumni effort in central Ohio in support of State Issue No. 1, a \$250-million bond issue primarily for higher education.

From his earliest days as a student, "Pink" Tenney has displayed an unusual devotion to his alma mater and a dedication to its betterment. He climaxed a highly successful undergraduate career by being elected president of the Class of 1915, and he has since guided that class through two outstanding reunions—the 25th and the 50th.

Mr. Tenney's contributions in behalf of Ohio State are but one facet of his productive life. He was associated with the Lincoln Electric Company for 29 years, and after his retirement, he organized GET, Inc., an administrative consulting firm.

ROBERT M. ZOLLINGER

THE JOSEPH SULLIVANT MEDAL AWARD

Internationally acclaimed general surgeon and teacher of surgery

Dr. Robert M. Zollinger, Professor and Chairman of the Department of Surgery of The Ohio State University, is a colossus among the figures of 20th Century surgery. He represents the bridge between the surgical czars of the past and the masters of present-day surgery who head team endeavors.

Sustained effort, with exacting demands on himself, his colleagues, and his students, has characterized his brilliant career and has been the catalyst which has carried him to international renown. His peers have recognized his distinguished contributions by naming him president of the American College of Surgeons, as well as by selecting him to head every major group in the United States.

He is editor of the *American Journal of Surgery* and co-author of two textbooks, the *Atlas of Surgical Operations* and the *Textbook of Surgery*, which are known to almost every student of surgery. In addition, he has written some 200 articles and is known for delineating the Zollinger-Ellison syndrome.

Dr. Zollinger received his pre-medical and medical degrees from Ohio State. Other universities, namely Western Reserve and Harvard, also played significant roles in his life. He took part of his surgical training in Cleveland and began his academic career at Harvard.

During World War II, he served as commanding officer of the Fifth General Hospital and later as senior consultant on general surgery of the European Theater of Operations. He rose to the rank of colonel and was awarded the Legion of Merit. In 1946, he returned to Ohio State as Professor of Surgery and became Chairman of the department in 1947.

Dr. Zollinger has brought great honor to his University. Earlier this year he was named an honorary fellow of the Royal College of Surgeons of England and also received an honorary doctorate from the University of Lyon, France. More recently he was one of three noted Ohio State faculty members who were chosen by the Ohio Board of Regents as the first Regents' Professors at any State university in Ohio.

GRADUATE SCHOOL

Dean: RICHARD ARMITAGE

Doctor of Philosophy

- Ahmed El-Mahdi Abdel-Halim, B.A. (Cairo University); M.A. (Ain Shams University) Cairo, Egypt
Dissertation: An Intersystem Model for Curriculum Theory and Practice
Field of Specialization: Education
- Fred Paul Abramson, A.B. (Western Reserve University) Columbus
Dissertation: Kinetics of the Radiolysis of Chloroform: Combined Effects of Dose Rate and Temperature
Field of Specialization: Chemistry
- David Lee Angus, B.Sc. in Edu., M.A. Findlay
Dissertation: The Dropout Problem: An Interpretive History
Field of Specialization: Education
- Wilfred Randolph Ball, B.S. (Morehouse College); M.S. (Atlanta University) Scotlandville, La.
Dissertation: The Determination of Erythrocyte Survival and Some Aspects of Iron Metabolism in Chickens Infected with Plasmodium gallinaceum
Field of Specialization: Zoology
- Paul Jerald Bangham, B.A., M.A. London
Dissertation: Samuel Phelps's Production of Richard III: An Annotated Prompt Book
Field of Specialization: Speech
- William Henry Banks, Jr., B.S. (University of Louisville); M.S. (University of Tennessee) Lexington, Ky
Dissertation: Practices in the Preparation of Elementary Teachers for the Teaching of Science
Field of Specialization: Education
- Donald Edward Barrick, B.E.E., M.Sc. Tiffin
Dissertation: A More Exact Theory for the Scattering of Electromagnetic Waves from Statistically Rough Surfaces
Field of Specialization: Electrical Engineering
- Dennis Dean Bell, A.B. (Defiance College); M.A. Wharton
Dissertation: Superintendents' Perceptions of the Effectiveness of Their Administrative Organizations
Field of Specialization: Education
- Konrad Biedermann, B.Sc. in Agr., M.Sc. Westboro
Dissertation: Regional Loan Rate Differentials for Wheat
Field of Specialization: Agricultural Economics and Rural Sociology
- Gary Edwin Booth, B.S. (Eastern Kentucky State College) Campton, Ky.
Dissertation: Conformational Analysis in Bicyclic Systems
Field of Specialization: Chemistry
- Joseph Jay Braun, B.A. (University of Oregon); M.A. Skagway, Alaska
Dissertation: The Role of the Neocortex in Visual Placing Behavior in the Rat
Field of Specialization: Psychology
- Timothy Dennis Cavanagh, B.A., M.A. (Sacramento State College) Sacramento, Calif.
Dissertation: The Junior College Mathematics Curriculum
Field of Specialization: Education

- Wayne Arthur Chess, A.B. (Miami University); M.A. in Soc.Adm. ^{Warren}
Dissertation: The Influence of Social Class on the Selection of Patients for Treatment in Ohio's Mental Health Clinic Program
Field of Specialization: Social Work
- Robert Lee Childers, B.S., M.S. (West Virginia University) ^{Parkersburg, W. Va.}
Dissertation: Attempted Syntheses of New Phenanthrenequinones
Field of Specialization: Chemistry
- William Earle Clausen, B.S. (Lehigh University); M.Sc.....Beaver, Pa.
Dissertation: The Approximate Analysis of Shallow Spherical Shells with Holes
Field of Specialization: Engineering Mechanics
- Alden Partridge Colvocoresses, B.S. (University of Arizona); M.Sc. ^{San Diego, Cal.}
Dissertation: A Unified Plane Coordinate Reference System
Field of Specialization: Geodetic Science
- David Lee Costill, B.S. Ed. (Ohio University); M.Ed. (Miami University) ^{Cuyahoga Falls}
Dissertation: The Effects of Water Temperature on Oxygen Consumption, Rectal Temperature, and Heart Rate During Strenuous Exercise
Field of Specialization: Physical Education
- Michael Nicholas Cutsumbis, B.A., M.A.....Warren
Dissertation: Level of Aspiration and Social Stress
Field of Specialization: Sociology
- Constantine Danellis, B.Sc. in Bus. Adm., M.B.A.....Athens, Greece
Dissertation: The Development of Financial Management Literature (1895-1960)
Field of Specialization: Business Organization
- Paul Mason Daniel, B.S. in Ed. (University of Cincinnati); M.S. ^{Oxford}
(Miami University)
Dissertation: The Dynamics of the Benthic Fauna of Acton Lake in Hueston Woods State Park, Ohio
Field of Specialization: Zoology
- Edward Eugene Darrow, B.S. Agr. (Purdue University); M.Sc...Columbus
Dissertation: The Structure of the Agricultural Long-Term Credit Market in Ohio
Field of Specialization: Agricultural Economics and Rural Sociology
- Thomas Edward Drabek, B.A. (University of Denver); M.A...Denver, Colo.
Dissertation: Laboratory Simulation of a Police Communication System Under Stress
Field of Specialization: Sociology
- Louis Gene Ecker, B.S. in Ed., M.A. in Ed. (Ball State Teachers College)Columbus
Dissertation: The Status and Projection of a Teacher Education Program in Power Technology
Field of Specialization: Education
- Philip Chalfant Ensley, B.A. (Ohio Wesleyan University); M.A. ^{Des Moines, Ia.}
Dissertation: The Political and Social Thought of Elmer Davis
Field of Specialization: History

- Robert Earl Fenton, B.E.E., M.Sc. Cleveland
Dissertation: Driver-Automobile Interfaces
Field of Specialization: Electrical Engineering
- Anthony Foris, B.Sc. Columbus
Dissertation: An Investigation of the Analytical Properties of 8-Aminoquinoline
Field of Specialization: Chemistry
- Edison Rudolph Fowlks, B.S. in Agr. (Prairie View Agricultural and Mechanical College of Texas); M.S. (Michigan State University) Terrell, Tex.
Dissertation: Sterols in Relation to the Inhibition of Fungi by Nystatin
Field of Specialization: Botany
- Thyrza Anne Frazier, A.B. (Antioch College); M.A. Xenia
Dissertation: On the Product of Absolutely Continuous Transformations of Measure Spaces
Field of Specialization: Mathematics
- Bruce Ralph Fretz, A.B. (Gettysburg College); M.A. Chalfont, Pa.
Dissertation: Movements in a Counseling Dyad
Field of Specialization: Psychology
- Patrick Joseph Gaffney, Jr., B.Sc., M.Sc. (National University of Ireland) Cork, Ireland
Dissertation: Distribution, Purification, and Kinetic Behavior of Components of the Lipase System of Skim Milk
Field of Specialization: Dairy Technology
- Harold Louis Gegel, B.S. (University of Illinois); M.Sc. Marissa, Ill.
Dissertation: The Effect of Impurities on Recovery in Quenched Gold
Field of Specialization: Metallurgical Engineering
- Henry Collins Graham, B.S., M.S. (Alfred University) Fairborn
Dissertation: Particle Size Dependence of the Electrical Conductivity of NaCl
Field of Specialization: Ceramic Engineering
- Algird Alfons Grybas, A.B., A.M. (University of Michigan) San Jose, Calif.
Dissertation: The Effect of Commitment on Attitude Change in Oral Communication
Field of Specialization: Speech
- Tamara Kern Hareven, B.A. (Hebrew University); M.A. (University of Cincinnati) Haifa, Israel
Dissertation: The Social Thought of Eleanor Roosevelt
Field of Specialization: History
- Thelma Moore Harmond, B.S. (Fort Valley State College, Georgia); M.Ed. (Atlanta University) Vidalia, Ga.
Dissertation: The Use of Selected Technical Language as a Means of Discovering Elementary Teachers' Operational Definitions of Teaching
Field of Specialization: Education
- William Neil Hatfield, B.S. in Edu. (Eastern Illinois University); M.A. (Southern Illinois University) Centralia, Ill.
Dissertation: The Effect of Supplemental Training on the Achievement in Ninth Grade French of Students Weak in Sound Discrimination and Sound-Symbol Association Skills
Field of Specialization: Education
- Thomas G. Hayes, B.A. (Washington and Jefferson College); M.A. (Western Reserve University) Dunns Station, Pa.
Dissertation: The Embryonic Development of the Ellipsoid Sheath as It Occurs in the Dog Spleen
Field of Specialization: Anatomy

- Peter Leo Hays, A.B. (University of Rochester); A.M. (New York University).....Kenmore, N. Y.
Dissertation: The Maimed Figure: An Ancient Archetype in Modern Literature
Field of Specialization: English
- Phillip Eugene Highsmith, B.S. (East Tennessee State College); M.Ed. (University of Virginia).....Lexington, Ky.
Dissertation: The Image of the High School Science Teacher as Seen by Various Groups
Field of Specialization: Education
- Frances Aileen Hill, B.A. (University of Florida); M.A...Gainesville, Fla.
Dissertation: The Effects of Instructions and S's Need for Approval on the Conditioned Galvanic Skin Response
Field of Specialization: Psychology
- Dennis Neil Hinkle, B.A., M.A.....Worthington
Dissertation: The Change of Personal Constructs from the Viewpoint of a Theory of Construct Implications
Field of Specialization: Psychology
- Robert Howard, B.Sc. in Edu., M.A.....Portsmouth
Dissertation: American Education as Seen in Newspaper Editorials, 1961-1963
Field of Specialization: Education
- Bruce You-Huei Hwang, B.S., (National Taiwan University); M.A. (East Tennessee State College).....Taipei, Taiwan, China
Dissertation: The Synthesis of Stable Naphtho [b] Cyclobutadienes
Field of Specialization: Chemistry
- James Howard Jackson, B.S. in Bus. Adm., M.S. (University of Tennessee) Bluefield, Va.
Dissertation: Benefits of the Certified Professional Secretaries' Rating and Its Effect on Personnel Policies
Field of Specialization: Education
- Rong-sheng Jin, B.S. (Denison University).....Taipei, Taiwan, China
Dissertation: The Elastic Scattering of Helium-3 by Oxygen-16
Field of Specialization: Physics
- Irene Johnson, A.B. (Fort Valley State College, Georgia); M.A. (Atlanta University); M.S. (University of Wisconsin) Atlanta, Ga.
Dissertation: Agricultural Diversification in Georgia
Field of Specialization: Geography
- George Paul Jones, B.M.E. (Cooper Union); M.Sc.....New York, N. Y.
Dissertation: Selecting Company Research and Development Projects in the Aerospace Industry
Field of Specialization: Industrial Engineering
- James Sargent King, B.S. in Ed. (Taylor University); M.Sc...West Liberty
Dissertation: A Comparative Investigation of Neuroglia in Representative Vertebrates: A Silver Carbonate Study
Field of Specialization: Anatomy
- Tatsuo Kondo, M.Sc.....Tokai-Mura, Japan
Dissertation: A Gas Chromatographic Study of Uranium Oxidation Mechanism in Moist Gases
Field of Specialization: Metallurgical Engineering
- Armin Paul Langholz, B.S. in Ed. (Capital University); M.A.....Columbus
Dissertation: A Study of the Relationship of Listening Test Scores to Test Item Difficulty
Field of Specialization: Speech

- Jerold Alan Last, B.S., M.S. (University of Wisconsin) New York, N. Y.
Dissertation: Studies on the Mechanism of Action of Oxytetracycline on E. Coli
Field of Specialization: Agricultural Biochemistry
- Robert Henry Lawrence, Jr., B.S. (Bradley University) Chicago, Ill.
Dissertation: The Mechanism of the Tritium Beta-Ray Induced Exchange Reactions of Deuterium with Methane and Ethane in the Gas Phase
Field of Specialization: Chemistry
- Thomas Earl LeVere, B.Sc., M.A. Cleveland
Dissertation: Effects of the Post-response Stimulus Display on Primate Discrimination Performance
Field of Specialization: Psychology
- Robert Anthony Locock, B.Sc. in Pharm., M.Sc. (University of Toronto)
 Willowdale, Ont., Canada
Dissertation: A Phytochemical Investigation of Selected Eupatorium Species
Field of Specialization: Pharmacy
- Bruce Edward MacNab, A.B. (Denison University); M.B.A.
 Shaker Heights
Dissertation: Source Selection for Industrial Machinery, Equipment, and Supplies (with Special Emphasis on the Industrial Distributor)
Field of Specialization: Business Organization
- James Andrew Malloy, Jr., B.A. (Morris Harvey College); M.A.
 Charleston, W. Va.
Dissertation: The Zemstvo Reform of 1864: Its Historical Background and Significance in Tsarist Russia
Field of Specialization: History
- Stuart Newman Mapes, Jr., S.B. in E.E. (Massachusetts Institute of Technology); M.Sc. West Hartford, Conn.
Dissertation: Comparison of Hall Mobility in Cadmium Sulfide with Drift Mobility as Measured by the Method of Ultrasonic Amplification
Field of Specialization: Electrical Engineering
- Lois Reno Mathis, B.S. (Southwestern State College, Oklahoma); M.A.
 (University of Pittsburgh) Columbus
Dissertation: An Investigation of Selected Factors Affecting Communication Between Teachers and Parents of Elementary Pupils
Field of Specialization: Education
- George Ralph Maxwell II, A.B., M.S. (West Virginia University)
 Morgantown, W. Va.
Dissertation: Life History of the Common Grackle, Quiscalus quiscula (Linnaeus)
Field of Specialization: Zoology and Entomology
- Richard Malcolm McFall, B.A. (DePauw University); M.A.
 Indianapolis, Ind.
Dissertation: Unintentional Communication: The Effect of Congruence and Incongruence Between Subject and Experimenter Constructions
Field of Specialization: Psychology
- Daniel Schaffer Metzger, B.A. (Kalamazoo College); M.Sc. . . Tavares, Fla.
Dissertation: Transient Nuclear Magnetic Induction in Solid H₂-D₂ Mixtures
Field of Specialization: Physics

- Donald Warren Michielli, B.S. (Springfield College); M.A. Hempstead, N. Y.
Dissertation: The Effect of Increased Internal Muscle Temperature on the Contractile Strength and Muscular Endurance of the Elbow Flexor Muscle Group
Field of Specialization: Physical Education
- Frederick Powell Miller, B.Sc. in Agr., M.Sc. Springfield
Dissertation: Physical, Chemical, and Mineralogical Properties Related to the Micromorphology of the Canfield Silt Loam—A Fragiudalf
Field of Specialization: Agronomy
- Albert Frank Moritz, A.B. (Ohio University); M.Ed. (Kent State University) Niles
Dissertation: The Relationship of Educational Administration to Decision-making in Science Education
Field of Specialization: Education
- William Vincent Payne, B.S. (Hampton Institute); M.Ed. (Pennsylvania State University) Tuskegee Institute, Ala.
Dissertation: A Proposed Program for the Development and Use of Instructional Media in Industrial Teacher Education at Tuskegee Institute
Field of Specialization: Education
- Ronald Roy Pereira, B.S.Ag., M.S. (University of Manitoba) Kowloon, Hong Kong
Dissertation: Volatile Sulfur Compounds from High Heat Treatment of Milk
Field of Specialization: Dairy Technology
- William Robert Perry, B.S. (University of Scranton); M.A. ... Scranton, Pa.
Dissertation: Post-aggression Cognitive Dissonance, Victim Response Style, and Hostility-Guilt
Field of Specialization: Psychology
- Harriette Longacre Phelps, B.A. (Carleton College); A.M. (Mount Holyoke College) Bethesda, Md.
Dissertation: The Effect of Ultraviolet Irradiation on the Uptake of Tritium-labeled Thymidine in Chinese Hamster Cells in Vitro
Field of Specialization: Zoology
- Sohan Singh Prihar, B.Sc., M.Sc. (Punjab University) ... Jullundur, India
Dissertation: Mode of Response of Weed-free Corn to Post-planting Cultivation
Field of Specialization: Agronomy
- Dent Milner Rhodes, B.A., B.Sc. in Edu., M.A. Barnesville 1915
Dissertation: Professional Models for the American Teacher: 1815-1915
Field of Specialization: Education
- Charles Lewis Ricketson, B.Sc. (MacDonald College, Canada); M.S. (Cornell University) Lincoln, Ont., Canada
*Dissertation: The Relationships Between Certain Berry Characteristics of the Strawberry (*x* *Fragaria ananassa Duchesne*) and Foliar Concentrations of Nitrogen, Phosphorus, and Potassium at Harvest*
Field of Specialization: Horticulture
- LaVern John Rippley, B.A. (Holy Cross College); B.S. (Wisconsin State College, River Falls); M.A. (Kent State University) ... Kent
Dissertation: Landscape Imagery in the Lyrics of Johann Christian Günther
Field of Specialization: German

- William Bryan Roeca, Jr., B.S. (University of Maryland); M.Sc.
Washington, D. C.
Dissertation: Design of an Automobile Controller for Optimum Traffic Response to Stochastic Disturbances
Field of Specialization: Electrical Engineering
- Charles Arthur Root, B.A. (Ohio Wesleyan University); M.Sc.
Fairport, N. Y.
Dissertation: Complexes of Nitrogen-substituted B-Mercaptoethylamines with Nickel (II), Palladium (II) and Zinc (II)
Field of Specialization: Chemistry
- Patricia Jean Sailor, A.B. (Indiana University); M.S. (University of Tennessee).....South Bend, Ind.
Dissertation: Fashion Patterns: Delineation and Crystallization
Field of Specialization: Home Economics
- Veena Chaudhri Saini, B.A. (Punjab University); M.Sc.
Hoshiarpur, Punjab, India
Dissertation: Studies on the Influence of Phenethylbiguanide on Ketone-Body Formation in Rat Liver
Field of Specialization: Home Economics
- Ronald Leslie St. Pierre, B.S. (Ohio University); M.Sc.....Dayton
Dissertation: Studies on the Bursa of Fabricius and Its Role in the Immune Response in Chickens
Field of Specialization: Anatomy
- Labiba Nadim Salah, B.A. (American University of Beirut); M.A. in Ed. (University of Kansas City).....Nablus, Jordan
Dissertation: Implications for Jordan of Professional Laboratory Experience Practices in American Teacher Education
Field of Specialization: Education
- Eugene S. Santos, B.S.M.E. (Mapua Institute of Technology); M.Sc. (University of the Philippines).....Manila, Philippines
Dissertation: Mathematical Foundations of the Theory of Thin Shells
Field of Specialization: Mathematics
- Victor Anthony Sapio, B.A. (College of Wooster); A.M. (University of Illinois).....Wooster
Dissertation: Pennsylvania: Protagonist of the War of 1812
Field of Specialization: History
- Kathryn Tucker Schoen, B.S. in Edu. (Capital University); M.A. Columbus
Dissertation: Perceptions of Speech Education in Ohio Secondary Schools
Field of Specialization: Education
- Dietrich Schroeer, B.Sc.....Enon
Dissertation: The Decay Scheme of Terbium 158
Field of Specialization: Physics
- Wade Allan Schulte, B.Sc. in Agr., M.Sc.....Woodville
Dissertation: Efficiency of Chemical and Physical Tomato Peeling Systems and Their Effects on Canned Product Quality
Field of Specialization: Horticulture
- David Arthur Sealer, B.Sc. in Phys.....Ashland
Dissertation: Stimulated Raman Scattering and Related Nonlinear Optical Effects
Field of Specialization: Electrical Engineering
- Lawrence Wade Self, B.S. (Marshall College); M.D.....Ashland, Ky.
Dissertation: Pituitary Cytology of the Testosterone-sterilized Rat
Field of Specialization: Anatomy
- Jon Kent Shallop, B.S. in Ed. (Edinboro State College, Pennsylvania); M.A. (Kent State University).....Erie, Pa.
Dissertation: A Study of Acoustic Impedance and Middle-Ear Function
Field of Specialization: Speech

- Satya Sharma, B.A., B.T. (University of the Punjab); M.Sc.
New Delhi, India
*Dissertation: Relationship of Socioeconomic Variables to Savings of
Forty Ohio Families*
Field of Specialization: Home Economics
- George Edward Sharples, A.B. (Oberlin College); M.A.....Columbus
*Dissertation: Experience and Flexibility in a Disabled Population:
A Search for Social Antecedents of a Psychological
Performance*
Field of Specialization: Sociology
- Walter Lafayette Shell, B.S. (Bob Jones University); M.S.
(University of Tennessee).....Hickory, N. C.
*Dissertation: Effectiveness of the Diatype as an Instructional Device
in First-Year Typewriting*
Field of Specialization: Education
- Lester Caldwell Shine II, B.B.A. (University of Texas); M.A.
(Southern Methodist University).....Dallas, Tex.
*Dissertation: The Relative Efficiency of Test Selection Methods in
Cross-Validation on Generated Data*
Field of Specialization: Psychology
- David Chesley Sleeper, B.B.A., M.B.A. (University of Toledo).....Toledo
*Dissertation: A Marketing Analysis of Piggyback Operations with
Special Emphasis on Functional Relationships*
Field of Specialization: Business Organization
- Howard Jay Slenk, A.B. (Calvin College); M.A.....Holland, Mich.
*Dissertation: The Huguenot Psalter in the Low Countries: A Study
of Its Monophonic and Polyphonic Manifestations in the
Sixteenth Century*
Field of Specialization: Music
- James Elliott Sorensen, B.S.B.A., M.B.A. (University of Denver)
Derby, Colo.
*Dissertation: Professional and Bureaucratic Organization in Large
Public Accounting Firms*
Field of Specialization: Accounting
- Ernest Spaight, B.S.Ed. (Central State College); M.A.....Columbus
*Dissertation: Social Reinforcement in the Individual and Multiple
Counseling of College Students*
Field of Specialization: Education
- William Evan Stillman, B.S. in C.E. (Drexel Institute of Technology);
M.S. in C.E. (University of Pennsylvania).....Columbus
*Dissertation: Numerical Analysis of Shells of Revolution by the
Method of Assumed Displacement Functions*
Field of Specialization: Engineering Mechanics
- Robert Lee Stilwell, A.B. (Indiana University).....Columbus, Ind.
*Dissertation: The Long Poem in English Romantic Criticism, 1750-
1850*
Field of Specialization: English
- Kathleen Roberta Stitt, B.S. in H.E., M.S. in H.E. (University of
Alabama).....Tuscaloosa, Ala.
*Dissertation: Effect of Essential Fatty Acid Deficiency and Fasting
on the Incorporation of Palmitate-1-C¹⁴ and Linoleate-
1-C¹⁴ into Glycerolipids with Three Enzyme Systems
from Rat Liver*
Field of Specialization: Home Economics
- James Michael Sweeney, B.Sc. in Edu., M.A.....Lake Milton
*Dissertation: The Effects of Instruction and Practice and of Practice
only on the Motor Learning of Elementary School Chil-
dren*
Field of Specialization: Physical Education

- John Francis Szwed, B.S. (Marietta College); B.Sc. in Edu., M.A.
Burlington, N. J.
Dissertation: Private Cultures and Public Imagery: Interpersonal Relations in a Newfoundland Peasant Society
Field of Specialization: Sociology and Anthropology
- Jerry Dale Tate, B.A. (Southwestern at Memphis); M.A. (Emory University) Columbus
Dissertation: Some Effects of Multidimensional Stimulus Information on Processing Time
Field of Specialization: Psychology
- Claribel Mengert Taylor, B.Sc. in H.E., M.A. Lucas
Dissertation: Parental Attitudes and their Relationship to Selected Familial Factors
Field of Specialization: Home Economics
- Venan Edward Thompson, B.A., M.A. (Western Michigan University) Columbus
Dissertation: Neonatal Orbitofrontal Lobectomies and Delayed-Response Behavior in Cats
Field of Specialization: Psychology
- Hollis Elbert Todd, B.S. in Ag.Ed., M.Ag.Ed. (Alabama Polytechnic Institute) Clanton, Ala.
Dissertation: A Role Analysis of the Perceptions of the Beginning Vocational Agriculture Teachers and Their Professional Difficulties in Role Performances
Field of Specialization: Agricultural Education
- Jal Singh Verma, B.Sc. (Agra University); M.Sc. (Aligarh Muslim University) Gulasthi, India
Dissertation: (I) Ion Temperature Determination by Measurement of Doppler Broadening of H α Line in a Plasma
(II) Shielding Effect of the RF Power
(III) Ionization by a High Current Pulse Discharge
Field of Specialization: Physics
- Paul Arlen Wagstaff, B.A., M.Sc. Lakeview
Dissertation: Detection of Autoantigens and Autoantibodies by Immunofluorescence
Field of Specialization: Microbiology
- Lucille Marion Wakefield, B.S., M.S. (University of Connecticut) Burlington, Vt.
Dissertation: Selected Nutritional, Clinical, and Sociological Measurements of Preadolescent Children of Independent Low-Income Families
Field of Specialization: Home Economics
- James Fletcher Walther, B.A. (Central College, Missouri); M.Sc. St. Louis, Mo.
Dissertation: Preparation and Properties of Tetrachlorophosphonium Tetrachlorodifluorophosphate
Field of Specialization: Chemistry
- Paul Pao-Shih Wang, B.Sc. (National Taiwan University); M.Sc. (University of New Brunswick) Taipei, Taiwan, China
Dissertation: Investigation of Methods of Evaluating a Nonlinear System Transfer Function with Impulse Excitation
Field of Specialization: Electrical Engineering
- Robert George Warehime, A.B. (Asbury College); M.A. (Kent State University) Columbus
Dissertation: The Approval Motive and Mode of Reaction to Socially Desirable and Socially Undesirable Psychological Interpretations
Field of Specialization: Psychology

- James Taggart Watt, B.S. in Ed. (University of Cincinnati); M.A.
 Columbus
Dissertation: Selected Factors Involved in the Delegation of Business Letter Writing Assignments by Insurance Company Executives
Field of Specialization: Education
- Stephen Hensleigh Wedgwood, A.B. (Harvard College); M.A.
 New York, N. Y.
Dissertation: Three Songs of Reinmar Der Alte: A Formal-Structural Interpretation
Field of Specialization: German
- Jacob Morris Weinberg, B.S. (University of Maine) Bangor, Me.
Dissertation: The Infrared Emission Spectra from a C₂N₂ + N₂O Flame
Field of Specialization: Physics
- Martha Elaine Welch, B.S. (Western Kentucky State College); M.Sc.
 Bowling Green, Ky.
Dissertation: A Comparison of the Development of the Transitory Zone in the Adrenal Cortex of the Mouse with That of Man
Field of Specialization: Anatomy
- Allan Brooke Wetzel, B.S. (University of Kentucky); M.A. Columbus
Dissertation: Visual Cortical Lesions in the Cat: A Study of Depth and Pattern Discrimination
Field of Specialization: Psychology
- †Norman Leroy Whisler, B.S. (Eastern Michigan University); A.M.
 (University of Michigan) Oxford
Dissertation: Public Relations Activities and Voter Support of Public Schools
Field of Specialization: Education
- Richard Then White, B.S. (United States Military Academy); M.Sc.
 Buffalo, N. Y.
Dissertation: The Radioactivity of Cadmium 105
Field of Specialization: Physics
- Edward Albert Yarnell, B.Sc. in Edu., M.A. Mansfield
Dissertation: An Appraisal of the Doctoral Program in Educational Administration at The Ohio State University as Perceived by Its Graduates
Field of Specialization: Education
- Sister Frances Loretto Yowaiski, B.A. (Nazareth College); M.A.
 (Catholic University of America) Louisville, Ky.
Dissertation: A Study of Staff Perception of Curriculum Change in the Louisville Elementary Parochial Schools
Field of Specialization: Education
- David Alan Yutzey, B.A. (Ohio Wesleyan University); M.A. Columbus
Dissertation: Changes in Emotionality Following Simultaneous Lesions of the Septal Region and Limbic Cortex
Field of Specialization: Psychology

(One hundred and nineteen candidates)

Certificate of Specialist in Educational Administration

- Ray Webster Kessler, B.Sc. in Edu., M.A. Dayton
- Emory George Roberts, B.S. (Virginia Polytechnic Institute); A.M.
 (West Virginia University) Newark
 (Two candidates)

† Degree granted in cooperation with Miami University

Master of Accounting

- Carlos Eduardo Barnes.....Panama, Panama
Field of Specialization: Accounting
- Jerry Ward Hufton, B.S. (Pennsylvania State University)..Trafford, Pa.
Field of Specialization: Accounting
(Two candidates)

Master of Arts

- Helen Hirscher Alge, B.Sc. in Edu.....Findlay
Field of Specialization: Education
- Dan Charles Allen, B.A. (University of Arkansas).....St. Joe, Ark.
Field of Specialization: History
- Karyl Vaughan Bailey, B.A. (Harding College, Arkansas).....Ostrander
Field of Specialization: Physical Education
- Ranald Stark Beard, Jr., B.Sc. in Edu.....Mt. Gilead
Field of Specialization: Education
- Donald Arthur Bell, B.A. (Otterbein College).....Reynoldsburg
Field of Specialization: Education
- Jane Herrmann Bell, B.S. in Edu. (Bowling Green State University)
Toledo
Field of Specialization: Music
- John Edward Bender, B.Sc. in Edu.....Canal Winchester
Field of Specialization: Education
- Donald Richard Bivens, B.A. (Kenyon College); B.Sc. in Edu.....Columbus
Field of Specialization: History
- Ira Jeffrey Black, A.B. (Brooklyn College).....Brooklyn, N. Y.
Field of Specialization: English
- Anita Hechtman Bluestone, B.Sc. in Edu.....Columbus
Field of Specialization: Education
- Peggy McGuire Boggs, B.S. (Eastern Kentucky State College)..Waverly
Field of Specialization: Music
- Vergie Moore Bollinger, B.S. in Ed. (Ashland College).....Ashland
Field of Specialization: Education
- Jerry Dean Booze, B.S. (Oklahoma Baptist University)..Woodward, Okla.
Field of Specialization: Education
- Richard Christian Bosse, A.B. (Capital University); B.D. (Evangelical
Lutheran Theological Seminary).....Columbus
Field of Specialization: Education
- Walter Scott Bower, B.S. (Waynesburg College); B.Sc. in Edu...Columbus
Field of Specialization: Education
- John Hemphill Bowman, B.Sc. in Bus. Adm.....Columbus
Field of Specialization: Economics
- Robert Leslie Boyles, B.A. (West Liberty State College).....Columbus
Field of Specialization: Physical Education
- Jane Helen Brady, B.S. in Edu. (Ball State Teachers College)
LaPorte, Ind.
Field of Specialization: Education
- Paul Richard Brause, B.A.....Columbus
Field of Specialization: Speech

- Margaret Corbett Broad, A.B. (Syracuse University) Columbus
Field of Specialization: Economics
- Rona Elayne Brotkin, B.Sc. in Edu. Piqua
Field of Specialization: Speech
- Roselyn Elizabeth Brown, B.S. (Grambling College) Grambling, La.
Field of Specialization: Education
- Brigitte Karin Buschee. Witten, Germany
Field of Specialization: German
- Louise Kaiser Carle, B.S. in Edu. (Miami University) Worthington
Field of Specialization: Education
- John Peter Caronis, B.S. in Edu. (Capital University) Columbus
Field of Specialization: Education
- Ronald Andrew Carroll, B.A. (University of Ottawa); M.B.A. (Xavier
University) Ottawa, Ont., Canada
Field of Specialization: Economics
- Paula Rhee Cassell, B.A. (University of Buffalo) Yonkers, N. Y.
Field of Specialization: Speech
- Laird Scott Cermak, B.A. (Ohio Wesleyan University) Painesville
Field of Specialization: Psychology
- Susan Theresa Champagne, B.A. (State College of Iowa) Columbus
Field of Specialization: Speech
- Carl Henry Chapman, B.M. (Texas Wesleyan College) Hamilton, Tex.
Field of Specialization: Music
- John Tolson Chapman, B.A., B.P.E. (Memorial University of
Newfoundland) St. John's, Newfoundland, Canada
Field of Specialization: Physical Education
- Allan Andrew Chonko, B.A. (University of Notre Dame); B.Sc. in Edu.
Parma
Field of Specialization: Physical Education
- Susan Myers Clark, B.A. Marion
Field of Specialization: Psychology
- Larry Lee Clinesmith, B.A. (Grove City College) Malverne, N. Y.
Field of Specialization: Economics
- George David Coder, B.Sc. Lakewood
Field of Specialization: History
- Cornelia Helen Conn, B.A. (Southwestern University) Kirbyville, Tex.
Field of Specialization: Psychology
- Rayl Bartlett Conyers, B.A. Marion
Field of Specialization: Education
- John Robert Coontz, B.S. (Findlay College) Columbus
Field of Specialization: Education
- Mary Sue Cotton, B.S. in Ed. (Mount Saint Scholastica College, Kansas)
Horton, Kansas
Field of Specialization: Physical Education
- Bonnie Cary Cozzy, B.A. (Marshall University) Columbus
Field of Specialization: Physical Education
- Carol Dahl Crum, B.A. Euclid
Field of Specialization: English

- Richard Leroy Custer, B.A., B.Sc. in Edu.....Montpelier
Field of Specialization: History
- Leonard Daugherty, A.B. in Ed. (University of Kentucky).....Columbus
Field of Specialization: Education
- Merlin Howard Davidson, B.A. in Ed. (Fairmont State College,
West Virginia)Salem
Field of Specialization: Education
- Luis Davila, Jr., B.S. (Saint Mary's University of San Antonio)
San Antonio, Tex.
Field of Specialization: Romance Languages (Spanish)
- Katharine Gerson DeBolt, Mus.B. (Oberlin College).....Philadelphia, Pa.
Field of Specialization: Music
- Jesse Barry DeEsch, B.S. (East Stroudsburg State College, Pennsylvania)
Langhorne, Pa.
Field of Specialization: Education
- Donald Henry de Fano, B.A. (State University of New York, Albany)
Selkirk, N. Y.
Field of Specialization: English
- John Nicholas DeLillo, Jr., B.F.A.....Cleveland
Field of Specialization: Art
- Nidrah Roberson Dial, B.S. in Ed. (Youngstown University)...Lewisburg
Field of Specialization: Education
- James Perry Diendl, B.A.....Lakewood
Field of Specialization: Romance Languages (Spanish)
- Douglas Dean Diercks, B.S. in Edu.....Worthington
Field of Specialization: Physical Education
- Charles Junior Dildine, B.Sc. in Edu.....Ashley
Field of Specialization: Education
- Matthias C. Drake, B.Sc. in Edu.....Wilmington
Field of Specialization: Political Science
- Arthur Lynn Dudycha, A.B. (Wittenberg University).....Springfield
Field of Specialization: Psychology
- Roger Louis Dumaree, B.Sc. in Edu.....Columbus
Field of Specialization: Education
- Chester Gray Dunham, A.B. (Oberlin College).....Toledo
Field of Specialization: History
- Carolyn Bittner Dunn, B.Sc. in Edu.....Yellow Springs
Field of Specialization: Speech
- Rose Marie Early, B.S. (Manchester College, Indiana).....Bellefontaine
Field of Specialization: Education
- Beverly Ann Eber, B.S. (Mansfield State College).....Scranton, Pa.
Field of Specialization: Education
- Robert John Eickel, B.Sc. in Edu.....Corning
Field of Specialization: Physical Education
- Donald Charles Eifert, B.S. in Mus.Ed. (University of Dayton)....Dayton
Field of Specialization: Education
- James Benton Elliott, B.S. in Edu. (Ohio University).....Alexandria
Field of Specialization: Education

- Margaret Sprehe Ellis, B.S. (University of Illinois) Columbus
Field of Specialization: Physical Education
- Joseph Troy Emanuel, B.S. (University of New Mexico) .. Artesia, N. Mex.
Field of Specialization: Psychology
- Mary Anne English, A.B. (Vassar College) Henderson, Ky.
Field of Specialization: History
- Charles Granum Evans, B.A. (Pomona College) San Pablo, Calif.
Field of Specialization: Education
- Vernon Edward Feen, Jr., B.S. in Ed. (Otterbein College) Columbus
Field of Specialization: Education
- Lois Raye Felder, B.Sc. in Edu. Canton
Field of Specialization: Speech
- James Lewis Ferrell, B.Sc. in Edu. Columbus
Field of Specialization: Education
- Raymond Eugene Foster, B.Sc. in Edu. Roscoe
Field of Specialization: Music
- Barbara Beers Fretz, A.B. (Gettysburg College) Columbus
Field of Specialization: Education
- Linda Search Fritz, B.Sc. in Nurs. Zanesville
Field of Specialization: Psychology
- Geraldine Lucille Fry, B.S.Ed. (Miami University) Columbus
Field of Specialization: Education
- Alice Ann Fursman, B.A. (Texas Technological College) Dallas, Tex.
Field of Specialization: Psychology
- Edward Harold Garcia, B.A. (University of Texas) Brownsville, Tex.
Field of Specialization: English
- Lenore Carter Gardner, B.S. in Ed. (Ohio University) Marengo
Field of Specialization: Education
- Keith Wesley Garrett, B.S. (Southern Oregon College) Ashland, Ore.
Field of Specialization: Education
- Charles Clifton Geedey, B.Sc. in Edu. Columbus
Field of Specialization: Music
- Philip James Gensler, B.A. (Loras College) Amarillo, Tex.
Field of Specialization: Education
- Steve Gerdy, B.S. in Edu. (Slippery Rock State College, Pennsylvania)
 Little Falls, N. J.
Field of Specialization: Education
- Natalie Ruth Goodhartz, B.S. (Brooklyn College) Brooklyn, N. Y.
Field of Specialization: Physical Education
- Ronald Kinzer Gooslin, B.S. in Edu. (Pikeville College) Virgie, Ky.
Field of Specialization: Education
- Duane Richard Grawe, B.A., B.D. (Capital University) Columbus
Field of Specialization: Education
- Jacqueline Katharine Gray, B.A. (Rutgers University)
 Haddon Heights, N. J.
Field of Specialization: Speech
- Sister Celine Therese Grilliot, B.A. (Saint Joseph's College, Indiana)
 Dayton
Field of Specialization: English

- Kenneth Francis Grimes, A.B. (College of Saint Charles Borromeo)**
Columbus
Field of Specialization: Education
- Susan Johanna Grove, B.A. (University of North Carolina)**Cadiz
Field of Specialization: English
- Drue Shropshire Guy, B.Sc. in Edu.**Bellevue
Field of Specialization: Education
- Howard Henry Guyer, B.S. (Fort Hayes State College)**Osborne, Kans.
Field of Specialization: Education
- Raouf Saad Hanna, B.Com. (Cairo University)**Cairo, Egypt
Field of Specialization: Economics
- Patricia Anne Hardwick, B.A. (College of Saint Catherine) . .**Austin, Minn.
Field of Specialization: English
- Robert Wallace Hartwell, B.M.Ed. (Capital University)**Dayton
Field of Specialization: Music
- John Richard Hayes, B.S. in Ed. (Capital University)**Columbus
Field of Specialization: Education
- Walter Frederick Heine II, B.Sc. in Edu.**Circleville
Field of Specialization: Education
- Rhoda Mandel Herschler, A.B. (Hunter College)**New York, N. Y.
Field of Specialization: Education
- Phillip Nathaniel Hess, B.Sc. in Edu.**Mannington, W. Va.
Field of Specialization: Physical Education
- Robert Donald Highton, B.A. (Pennsylvania State University) . .**Columbus
Field of Specialization: Journalism
- Richard Westfall Hindman, B.A. (Ohio Wesleyan University) . .**Delaware
Field of Specialization: Education
- Katharine Gray Hoch, A.B. (University of Cincinnati); M.A. . . .**Columbus
Field of Specialization: English
- Dana Lee Holliday, B.S. (University of Akron)**Akron
Field of Specialization: Education
- Levi Berkly Hollis, Jr., B.Edu. (Duquesne University)**Warren
Field of Specialization: Education
- Jeanne Marie Huelsman, B.S. (Notre Dame College, Cleveland) . .**Cleveland
Field of Specialization: Education
- Robert Edgar Hunter, B.S.Ed. (Ohio University)**Blue Rock
Field of Specialization: Education
- Robert Paul Jackson, B.S.Ed. (Ohio University)**Tipp City
Field of Specialization: Education
- Klaus Anton Gerhard Jaeger**Kiel, Germany
Field of Specialization: German
- Gary James Jainshig, B.Sc. in Edu.**Cleveland
Field of Specialization: Education
- Amde Selassie Jenberie, B.A. (University College of Addis Ababa)**
Addis Ababa, Ethiopia
Field of Specialization: Education
- LeRoyce Johnson, B.S. (Kansas State University)**Cambridge, Kans.
Field of Specialization: Education

- Clydene Ann Jones, B.A. (Northwestern State College)Alva, Okla.
Field of Specialization: Education
- Raymond Joseph Kacirk, B.S. in Edu. (University of Dayton)Dayton
Field of Specialization: History
- Oranoot Kaenjok, B.Ed. (College of Education, Bangkok, Thailand)
Ubol, Thailand
Field of Specialization: Education
- Richard Bernard Kane, B.S. in Ed. (University of Cincinnati) . .Columbus
Field of Specialization: Physical Education
- Karl Kenneth Kercher, B.S. in Edu. (Kutztown State College,
Pennsylvania)Allentown, Pa.
Field of Specialization: Education
- George Ellis Kerrick, A.B. (Florida Southern College) . . .Lakeland, Fla.
Field of Specialization: English
- David Allen Kerst, B.A., B.Sc. in Edu.Columbus
Field of Specialization: Education
- Bonnie Lou Keyser, B.A. (Drew University)Hawthorne, N. Y.
Field of Specialization: Psychology
- Irene Denise Kilpatrick, B.A. (Florida Agricultural and Mechanical
University)Tampa, Fla.
Field of Specialization: Speech
- Leroy Dean Klas, B.S. (College of Idaho)Nampa, Idaho
Field of Specialization: Education
- George William Klein, B.A. (Muskingum College)Paris
Field of Specialization: Physical Education
- Doris Lucille Knight, B.S. (Bowling Green State University) . . .Lakewood
Field of Specialization: Education
- Joseph Forrest Koenig, B.S. in Ed. (Wilmington College)Columbus
Field of Specialization: Education
- Marsha Studebaker Kohler, B.Sc. in Edu.Dayton
Field of Specialization: Education
- Paul Molloy Konnersman, B.Mgt.E. (Rensselaer Polytechnic Institute)
Cincinnati
Field of Specialization: Philosophy
- Jean McClain Koppert, B.Sc. in Edu.Loudonville
Field of Specialization: Education
- Karen Leslie Krasnoff, B.Sc. in Edu.Warren
Field of Specialization: Education
- Norman Paul Landry, B.Sc. in Edu.Columbus
Field of Specialization: Education
- Patricia Ann Larkin, B.S. (Mount Mercy College, Iowa) . .Cedar Rapids, Ia.
Field of Specialization: Psychology
- Mary Jean Laubenfels, A.B. in Psych. (Stanford University)Columbus
Field of Specialization: Education
- Frederick Thornton Lauriat, Jr., B.Mus.Ed. (Capital University) . .LaRue
Field of Specialization: Education
- Frederic Karr Lawrence, B.A., B.Sc. in Edu.Chillicothe
Field of Specialization: Psychology

- Linda Ruth Lawrence, B.Sc. in Edu..... Columbus
Field of Specialization: Education
- Sherry Ilene Levin, B.A. (Temple University) Philadelphia, Pa.
Field of Specialization: Speech
- Loretta Maria Liptak, B.S. in Ed. (Youngstown University) ... Struthers
Field of Specialization: Physical Education (Health Education)
- Ronald Wesley Long, B.Sc. in Edu..... Springfield
Field of Specialization: Education
- Linda Ridge Lowry, B.Sc. in Edu..... Lebanon
Field of Specialization: Music
- Marilyn Steude Lucas, B.Sc. in Edu..... Ashland
Field of Specialization: Education
- Phyllis Huffman Ludwig, B.S. (Muskingum College) Columbus
Field of Specialization: Education
- Susan Jean Macduff, B.A. (Willamette University) Lafayette, Calif.
Field of Specialization: Sociology
- Janet Presutti Madison, B.Sc. in Edu..... Wellsville
Field of Specialization: Physical Education
- Barbara Grills Martin, B.S. in Edu. (Kent State University)
Columbia Station
Field of Specialization: Physical Education
- George Mass, A.B. (Gettysburg College) Rochester, N. Y.
Field of Specialization: Psychology
- Emerson Bruce Mathews, A.B. (Capital University) Galena
Field of Specialization: Speech
- Jeremy Lawrence Mattson, A.B. (Oberlin College) Evanston, Ill.
Field of Specialization: English
- Jean Shafer McCabe, B.Sc. in Edu..... New Albany
Field of Specialization: Education
- William Hook McCann, B.S.Ed. (Ohio University) Columbus
Field of Specialization: Education
- Vincent Paul McDevitt, Jr., B.S. (University of Pennsylvania)
Philadelphia, Pa.
Field of Specialization: Economics
- Norman Eugene McElheny, A.B. (Heidelberg College) Tiffin
Field of Specialization: Education
- Nadine Butler McFarland, B.S.Ed. (Ohio University) Trinway
Field of Specialization: Education
- Lucy Screechfield McIver, B. of Art Edu. (University of Kansas)
Columbus
Field of Specialization: Physical Education
- Robert Joseph McLinn, B.Sc. in Edu..... Columbus
Field of Specialization: Education
- Robert McKisson Mennel, A.B. (Denison University) Toledo
Field of Specialization: History
- Roger Arnold Meyer, A.B. (Capital University) Ridgeville Corners
Field of Specialization: Education

- Dennis Francis Miller, B.A.....Boise, Idaho
Field of Specialization: History
- Eli E. Miller, B.A. (Eastern Mennonite College).....Newark
Field of Specialization: History
- James Douglas Miller, B.A. (Otterbein College).....Mt. Gilead
Field of Specialization: History
- Jane Marion Miller, B.Sc. in Edu.....Groveport
Field of Specialization: Education
- John Hawes Miller, B.A. (Marshall University).....Shoals, W. Va.
Field of Specialization: Romance Languages (Spanish)
- John Newton Miller, B.A. (Thiel College).....North East, Pa.
Field of Specialization: Romance Languages (Spanish)
- Martha Bretzer Miller, B.S. (Mississippi State College).....Columbus
Field of Specialization: Education
- Lowell Thomas Moore, B.Sc. in Edu.....Columbus
Field of Specialization: Education
- Lewis Edwin Mosher, B.Rel. Edu. (Malone College); A.B. (Marion College)
Marengo
Field of Specialization: Sociology
- Albert Jacob Motter, Jr., B. Mus.....Mansfield
Field of Specialization: Music
- Donald Patrick Murray, B.Ed. (Seattle University).....Seattle, Wash.
Field of Specialization: Education
- Carl Ernest Nagy, B.Sc. in Agr.....Wadsworth
Field of Specialization: Agricultural Education
- William John Nelson, A.B. (Ashland College).....Savannah
Field of Specialization: Education
- David Joseph Nemeec, B.A., B.Sc. in Edu.....Bay Village
Field of Specialization: Education
- Keith Jackson Newlon, A.B. (Ohio University).....Columbus
Field of Specialization: History
- David Joe Noe, B.Sc. in Edu.....Waldo
Field of Specialization: Music
- James Francis Noe, B.Sc. in Edu.....Swanton
Field of Specialization: Education
- Paul John Noll, B.Sc. in Edu.....Salem
Field of Specialization: Education
- Bobbie Nell Oatis, B.S. (Jackson State College).....Silver Creek, Miss.
Field of Specialization: Education
- Carol Patricia O'Connell, B.S. in Edu. (University of Dayton)....Dayton
Field of Specialization: Education
- Edward Francis O'Sullivan, B.Ed. (Plymouth State College)
Lebanon, N. H.
Field of Specialization: Education
- Kalliope Ioannou Papachristoforou.....Limassol, Cyprus
Field of Specialization: Education

- Paul Maurice Papanek, B.S.Ed. (Central State College).....Dayton
Field of Specialization: Education
- Donna Bryan Pardo, B.S. in Edu. (University of Nebraska)..Columbus
Field of Specialization: Romance Languages (Spanish)
- Geraldine Drayne Parham, B.S. (Morris Brown College, Georgia)
 Columbus
Field of Specialization: Education
- Wesley Moody Pattillo, Jr., A.B.J. (University of Georgia)
 Birmingham, Ala.
Field of Specialization: Journalism
- Rose Mary Smith Pattison, B.S.H.E. (West Virginia University)
 Columbus
Field of Specialization: Education
- Wilbur Edward Paulsen, Jr., B.Sc. in Edu.....Bedford
Field of Specialization: Education
- John Kenyon Payton, B.A. (Otterbein College).....Johnstown
Field of Specialization: Education
- David Michael Pendergast, B.Sc. in Edu.....Granville
Field of Specialization: Education
- Charles Edward Pollock, B.A. (Waynesburg College).....Columbus
Field of Specialization: Education
- Robert Patsy Porco, B.Sc. in Edu., B. Mus.....Steubenville
Field of Specialization: Music
- Paule Chovnick Prebus, B.A.....Columbus
Field of Specialization: Romance Languages (Spanish)
- Paul Robinson Priday, B.Sc. in Edu.....London
Field of Specialization: Education
- Martha Topp Radabaugh, B.S.C. (Ohio University).....Mt. Vernon
Field of Specialization: Education
- Thomas Beckett Reed, B.A.....Columbus
Field of Specialization: Speech
- Sally Bell Riebel, B.Sc. in Edu.....Chardon
Field of Specialization: Education
- Clarence Teemo Rogers, B.Mus. (West Virginia State College)
 Washington, D. C.
Field of Specialization: Music
- Karen Andreas Rohovsky, B.Sc. in Edu.....Sugarcreek
Field of Specialization: Speech
- Marjorie Rosen, B.S. (Cornell University).....Poughkeepsie, N. Y.
Field of Specialization: Speech
- Nancy Myra Rosenberg, B.A. (University of Maryland) ..Silver Spring, Md.
Field of Specialization: Speech
- Norman Rovick, B.Sc. in Edu.....Columbus
Field of Specialization: Education
- Medard A. J. Ruehle, B.Sc. in Agr.....McCutchenville
Field of Specialization: Education
- Michael Philip Rupright, B.A., B.Sc. in Edu.....Marysville
Field of Specialization: English

- Maxine Sloan Russell, B.A. (Marshall University).....Marietta
Field of Specialization: Education
- Robert Lee Russell, A.B. (Wheaton College).....Wadsworth
Field of Specialization: Linguistics
- Margaret Bargar Safford, B.A., B.Sc. in Edu.....Columbus
Field of Specialization: Education
- Herta Saller.....Pleinting, Bavaria, Germany
Field of Specialization: Education
- Wayne Leon Sanders, B.Sc. in Agr.....Ansonia
Field of Specialization: Agricultural Education
- Stephen Mike Scarvelis, B.Sc. in Edu.....Mt. Vernon
Field of Specialization: Education
- Harold Arwin Scheiderer, B.Sc. in Edu.....Columbus
Field of Specialization: Education
- William Murrell Schenk, B.F.A.....Cincinnati
Field of Specialization: Speech
- Thomas Joseph Schlueb, A.B. (College of Saint Charles Borromeo);
 B.Sc. in Edu.....Columbus
Field of Specialization: Education
- Seward Dean Schooler, Jr., B.A. (Wesleyan University, Connecticut)
 Coshocton
Field of Specialization: Political Science
- Vondale Willis Schoppelrei, B.Sc. in Edu.....Columbus
Field of Specialization: Education
- Martin Bennett Schrank, B.E.E. (Rensselaer Polytechnic Institute)
 University Heights
Field of Specialization: Psychology
- William Duane Senft, B.S. in Ed. (Ohio University).....Grove City
Field of Specialization: Education
- Warren Donald Shea, B.A.....Schenectady, N. Y.
Field of Specialization: Psychology
- Michael Francis Shevlin, B.Sc. in Bus.Adm.....Columbus
Field of Specialization: Education
- Walter Aloysius Shott, Jr., B.Sc. in Edu.....Columbus
Field of Specialization: Education
- William Lester Sidenstiek, B.S. (Miami University).....Dayton
Field of Specialization: Education
- William Dale Siders, B.Sc. in Edu.....Hillsboro
Field of Specialization: Education
- Alexandra Makris Simakis, B.Sc. in Edu.....Newark
Field of Specialization: Education
- James Edward Singer, B.Sc. in Edu.....Westerville
Field of Specialization: Music
- Frances Tellaro Sites, B.S. in Ed. (Illinois State University)....Mansfield
Field of Specialization: Education
- Lorna Bowser Sloan, B.Sc. in Edu.....Columbus
Field of Specialization: Music

- Calvin Matthew Smith, Jr., B.Sc. in Edu.....Brewster
Field of Specialization: Education
- Carroll Jennings Smith, B.Sc. in Edu.....Sebring
Field of Specialization: Education
- Ronald Glenn Smith, B.Sc. in Edu.....Columbus
Field of Specialization: Education
- Rosalie Hellwarth Smith, B.S. (Manchester College).....Celina
Field of Specialization: Education
- Shirley Kirkpatrick Smith, B.M.E. (Central Missouri State College)
 Cape Girardeau, Mo.
Field of Specialization: Music
- Theodore Phillip Smith, B.Sc. in Agr.....Peoria
Field of Specialization: Education
- Royal Emerson Snively, B.A. (Bridgewater College).....Fairfax, Va.
Field of Specialization: Education
- Carol McMillen Spence, B.Sc. in Edu.....Dover
Field of Specialization: Psychology
- Anthony Francis Sperandeo, B.S. (University of Dayton).....Dayton
Field of Specialization: Education
- Rosalind Baker Springer, B.S. in Ed. (Kent State University)...Columbus
Field of Specialization: Education
- Evangeline Smith Stalker, A.B. (Marion College).....North Lewisburg
Field of Specialization: Education
- Mary Jane Stansel, A.B. (Ohio Northern University); B.Sc. in Bus.Adm.
 Dayton
Field of Specialization: Education
- John William Stephenson, B.F.A.....Ashtabula
Field of Specialization: Art
- Donald Edgar Storer, B.A. (Otterbein College).....Maple Heights
Field of Specialization: Education
- Patricia Richards Stover, B.Sc. in Edu.....Willard
Field of Specialization: Education
- Richard James Stranges, A.B. (West Liberty State College)....Flushing
Field of Specialization: Education
- John Paul Strommer, B.A.....Youngstown
Field of Specialization: English
- David Ira Suchman, B.A. (Hobart College).....New York, N. Y.
Field of Specialization: Psychology
- James Lloyd Summers, B.Sc. in Edu.....Cleveland
Field of Specialization: Education
- Marjorie Carol Swern, A.B. (Queens College).....Bayside, N. Y.
Field of Specialization: Art
- Betty Jo Turner Swope, A.B. (Wittenberg University).....Circleville
Field of Specialization: Education
- Gene Anthony Telego, A.B. (Ashland College).....Upper Sandusky
Field of Specialization: Education
- Merry Elizabeth Texter, B.Sc. in Edu.....Huntsburg
Field of Specialization: Music

- Beverly Jean Thompson, B.A. (Marshall University) St. Albans, W. Va.
Field of Specialization: Education
- Kenneth Robert Thompson, B.Sc. in Edu. Columbus
Field of Specialization: Education
- Robert Valentine Tolotti, B.S. in Edu. (Bowling Green State University)
Dover
Field of Specialization: Education
- Edison Jean Trickett, B.A. (Trinity College, Connecticut)
Washington, D. C.
Field of Specialization: Psychology
- Sister Mary Serafina Viagrande, B.S. in Mus. Edu. (College of Saint Mary
of the Springs) Columbus
Field of Specialization: Music
- Mary Teresa Latell Vivona, B.A. Girard
Field of Specialization: Music
- Jerome Edward Vogt, B.S. (University of Illinois) Coldwater
Field of Specialization: Agricultural Education
- Peter Crissman Weaver, B.A. (Muskingum College) Butler, Pa.
Field of Specialization: Education
- Mary Cassidy Weiler, B.S. (Ursuline College) Columbus
Field of Specialization: Education
- Rhoda Weinman, B.Sc. in Edu. Toledo
Field of Specialization: Speech
- Jewell Whitaker, B.Sc. in Edu. Marietta
Field of Specialization: Education
- Thomas Robert White, B.Sc. in Bus. Adm., B.Sc. in Edu. Columbus
Field of Specialization: Education
- Richard George Wiggernhorn, B.S. in Edu. (University of Dayton) . . Dayton
Field of Specialization: Music
- Nancy Louise Wilbirt, B.Sc. in Edu. Akron
Field of Specialization: Education
- Sara Lynn Willey, B.S. (Iowa State University) Baldwin, Ia.
Field of Specialization: Education
- Iris Geraldine Wilson, B.S. (East Texas Baptist College) Temuco, Chile
Field of Specialization: Education
- Barbara Frances Winger, B.Sc. in Edu. Cleveland
Field of Specialization: Speech
- Betty McQuiston Wright, B.Sc. in Edu. Columbus
Field of Specialization: Education
- Arlie Grant Young, Jr., B.A. (University of Utah) Salt Lake City, Utah
Field of Specialization: Psychology
- George Washington Yuill, B.S. (West Virginia State College, Bluefield)
Columbus
Field of Specialization: Education
- Robert Paul Yung, B.A. (Northwestern University) Cincinnati
Field of Specialization: History
- Kathryne Heinlen Ziegler, B.A. (Ohio Wesleyan University) . . Mt. Gilead
Field of Specialization: Education
- Helen Katherine Zolg, A.B. (Earlham College) Dayton
Field of Specialization: Education

(Two hundred and sixty-five candidates)

Master of Business Administration

- Ted John Bembenek, Jr., B.Sc. in Bus. Arm.....Curundu, Canal Zone
Field of Specialization: Business Organization
- Nicholas Patrick Coady, B.A.....Columbus
Field of Specialization: Business Organization
- James David Croft, B.Sc. in Bus. Adm.....West Liberty
Field of Specialization: Business Organization
- Robert Arthur Dean, B.S. in Met. E. (University of Cincinnati) . . Fairborn
Field of Specialization: Business Organization
- Fred Clark Enlow, B.A. (Eastern Washington State College)Spokane, Wash.
Field of Specialization: Business Organization
- Gary Lee Estep, B.Sc. in Bus. Adm.....Columbus
Field of Specialization: Business Organization
- John Russell Ezzell, B.Sc. in Bus. Adm.....Columbus
Field of Specialization: Business Organization
- Larry Beatty Fullen, B.A.....Ashville
Field of Specialization: Business Organization
- George Earl Hassell, B.S. (College of the Ozarks).....Columbus
Field of Specialization: Business Organization
- John Edward Hollender, B.Sc. in Bus.Adm.....Massillon
Field of Specialization: Business Organization
- Torrance Kinsman Lamb III, B.A. (Ohio Wesleyan University) ..Cleveland
Field of Specialization: Business Organization
- William Anthony Losoncy, Jr., B.Sc. in Bus.Adm.....Columbus
Field of Specialization: Business Organization
- James Kenneth Mitchell, B.A.....McArthur
Field of Specialization: Business Organization
- Donald Alvin Panek, B.S. (Purdue University).....Cleveland
Field of Specialization: Business Organization
- Biswambher Man Singh Pradhan, B.Com. (University of Calcutta);
M.Com. (University of Allahabad).....Katmandu, Nepal
Field of Specialization: Business Organization
- William Budd Stephenson III, B.Sc. in Bus.Adm.....Cincinnati
Field of Specialization: Business Organization
- William Finley Stewart, A.B. (DePauw University).....Trotwood
Field of Specialization: Business Organization
- Richard Eugene Suetterlin, B.S.B.A. (University of Dayton).....Dayton
Field of Specialization: Business Organization
- Patrick Paul Tripiciano, B.S. in B.A. (Indiana University).....Lancaster
Field of Specialization: Business Organization
- Paul John Voss, B.S. (Miami University).....Indianapolis, Ind.
Field of Specialization: Business Organization
- Clyde Kenneth Walter, Jr., B.S.E.E. (Case Institute of Technology)Canfield
Field of Specialization: Business Organization
- Ronald Joseph Wildman, B.Engr. (Vanderbilt University).....Shelby
Field of Specialization: Business Organization
- Robert Irvin Yeoman, B.Sc. in Bus.Adm.....New Holland
Field of Specialization: Business Organization

(Twenty-three candidates)

Master of City Planning

William Daniel Schnauffer, B.A.....Marion
Field of Specialization: Architecture (City Planning)
(One candidate)

Master of Education

Carolyn Virtue Abdallah, B.A. (Marshall University) . . Moundsville, W. Va.
Field of Specialization: Education

Kathryn Lutz Bowman, B.S. (Baldwin-Wallace College)
Flemingsburg, Ky.
Field of Specialization: Education

Edith Greene Browning, B.S. in Ed. (Capital University) Groveport
Field of Specialization: Education

Roger Lee Chambers, B.A. (Westmar College) Ida Grove, Ia.
Field of Specialization: Education

Arthur Keith Dremann, B.S. in Ed. (Bowling Green State University)
Fredericktown
Field of Specialization: Education

Alfred Eugene Eggleston, B.Sc. in Edu. Bellefontaine
Field of Specialization: Education

Ellsworth Eugene Foreman, B.Sc. in Edu. Columbus
Field of Specialization: Education

Wilma Conley Fugate, A.B. (Morehead State College, Kentucky) . . Columbus
Field of Specialization: Education

Kenneth Eugene Havens, B.S. in Ed. (Capital University) Columbus
Field of Specialization: Education

Frederick Ralph Kreider, B.S. in Ed. (Millersville State College,
Pennsylvania) Lancaster, Pa.
Field of Specialization: Education

Tony Marley, B.S. in Ed. (Ashland College) Ashland
Field of Specialization: Education

Caroline Brigner McGrew, B.S. in Ed. (Miami University)
Mechanicsburg
Field of Specialization: Education

Glenn Paul Menke, B.S. (Oakland City College, Indiana)
Huntingburg, Ind.
Field of Specialization: Education

John Benjamin Reed, B.S. in Bus.Admin. (Indiana Central College)
Indianapolis, Ind.
Field of Specialization: Education

Franklin Simon Scott, B.Sc. in Edu. Lewisville
Field of Specialization: Education

Lary Richard Shearer, B.A. (Ohio Wesleyan University) Marysville
Field of Specialization: Education

Charles William Smith, A.B. (Asbury College) Oak Harbor
Field of Specialization: Education

Olga Marie Smith, B.Sc. in Edu. Marion
Field of Specialization: Education

- Marlene Kagy Swartzmiller, B.S. in Edu. (Bowling Green State University) Tiffin
Field of Specialization: Education
- Richard Allen Van Horn, B.S. (Wilmington College)..... Greenfield
Field of Specialization: Education
- Lucille Bump Wilson, B.S. in Edu. (Ohio University) Lebanon
Field of Specialization: Education
 (Twenty-one candidates)

Master of Medical Science

- Don Allen Bollheimer, B.S. (University of Dayton); M.D. (Marquette University) Dayton
Field of Specialization: Ophthalmology
- Jerry Medaris Hardacre, B.Sc., M.D. Wapakoneta
Field of Specialization: Surgery
- James Wesley Keller, B.Sc., M.D. Columbus
Field of Specialization: Surgery
- Max Shiu-Ming Lin, B.M. (National Taiwan University) Tainan Shien, Taiwan, China
Field of Specialization: Medicine
 (Four candidates)

Master of Science

- Robert Plowden Abbott, B.S. (Clemson College) Sumter, S. C.
Field of Specialization: Electrical Engineering
- Darwin Gene Abby, B.S. (University of Illinois) Carmi, Ill.
Field of Specialization: Geodetic Science
- Hamed Mahmood Al-Ani, B.Sc. (University of Baghdad) ... Baghdad, Iraq
Field of Specialization: Civil Engineering
- Ghassan A. Al-Rawi, B.S.C.E. (Ohio University) Baghdad, Iraq
Field of Specialization: Civil Engineering
- Robert Dwight Amspoker, B.W.E. Cuyahoga Falls
Field of Specialization: Welding Engineering
- Ann Skinner Bardwell, B.S. in H.E. (University of Kentucky) .. Paris, Ky.
Field of Specialization: Home Economics
- James Henry Barrett, B.S. (Eastern Kentucky State College) Middlesboro, Ky.
Field of Specialization: Chemistry
- Patricia Ann Barry, B.S. (Washington State University) Uniontown, Wash.
Field of Specialization: Microbiology
- Eric Carl Bogren, B.S. in Met. E. (Michigan College of Mining and Technology) East Detroit, Mich.
Field of Specialization: Metallurgical Engineering
- Barbara Ann Bryant, B.Sc. in Nurs. Hamilton
Field of Specialization: Nursing
- William Hunt Burger, B.S.A. (University of Florida) Albany, Ga.
Field of Specialization: Geodetic Science
- Robert Raymond Buss, B.S. (Saint Mary's University of San Antonio) St. Louis, Mo.
Field of Specialization: Mathematics

- Charles Alvin Butler, B.W.E.....Columbus
Field of Specialization: Welding Engineering
- Andrew Clare Campbell, B.A. (University of Connecticut) Hazardville, Conn.
Field of Specialization: Geodetic Science
- Martha Brackeen Carlson, B.A. (McMurry College) Andrews, Tex.
Field of Specialization: Microbiology
- * Harold Edwin Chadwick.....Columbus
Field of Specialization: Electrical Engineering
- Helen Ann Chaten, B.S. (Western Reserve University) Akron
Field of Specialization: Nursing
- Samson Chema, D.V.M.....Mombasa, Kenya
Field of Specialization: Poultry Science
- Camille Ann Colville, B.Sc. in H.E.....Utica
Field of Specialization: Home Economics
- Jack Andrew Cook, Jr., B.A. (Pennsylvania State University) Columbus
Field of Specialization: Geodetic Science
- John David Crane, B.S. (Baldwin-Wallace College)Olmsted Falls
Field of Specialization: Mathematics
- Herman Leon Crawford, M.E. (University of Cincinnati) ..Pickerington
Field of Specialization: Mechanical Engineering
- Gerald Richard Crawmer, B.W.E.....Columbus
Field of Specialization: Welding Engineering
- John Perrin Crocker, A.B. (Columbia University)Whitestone, N. Y.
Field of Specialization: Physics
- Charles Anthony Cummings, B.M.E.....Columbus
Field of Specialization: Mechanical Engineering
- Peter LePoer Darvall, B.E. (Civil) (University of Melbourne)
Eaglemont, Victoria, Australia
Field of Specialization: Civil Engineering
- Richard Allan Davies, S.B. in E.E. (Massachusetts Institute of Technology)
Worcester, Mass.
Field of Specialization: Mathematics
- James Arthur Davis, B.Met.E.....Worthington
Field of Specialization: Metallurgical Engineering
- Vilas Edward Deane, B.A. (Ashland College)Bellevue
Field of Specialization: Mathematics
- Joseph Francis Delaney, B.S. (Xavier University)Detroit, Mich.
Field of Specialization: Physics
- Charles Richard Donohoe, B.E.E.....Zanesville
Field of Specialization: Electrical Engineering
- Gordon Arthur Eaton, B.Sc. in Agr.....Jamesville, N. Y.
Field of Specialization: Agricultural Education
- Charles William Ellinger, D.D.S.....Lancaster
Field of Specialization: Dentistry
- Gary Leslie Elliott, B.E.E.....Chillicothe
Field of Specialization: Electrical Engineering

* Two degrees

- William Wesley Etter, B.E.E.....Casstown
Field of Specialization: Electrical Engineering
- Donald Joseph Evans, B.S. (Montana State College).....Fairborn
Field of Specialization: Physics
- Janet Fentress, B.S. (Murray State College, Kentucky)....Milford Center
Field of Specialization: Home Economics
- James Richard Finley, B.Sc. in Agr.....Malta
Field of Specialization: Agricultural Economics (Rural Sociology)
- Patricia Pershing Friend, B.Sc. in Nurs.....Columbus
Field of Specialization: Nursing
- David Hendrick Fritts III, B.S. in M.E. (Valparaiso University)
Oak Park, Ill.
Field of Specialization: Mechanical Engineering
- Robert Edward Furry, B.S. (Fresno State College).....Westerville
Field of Specialization: Geodetic Science
- Donald Joseph Gantzer, B.I.E.....Columbus
Field of Specialization: Industrial Engineering
- Thomas Albert Garman, D.D.S. (Indiana University).....Goshen, Ind.
Field of Specialization: Dentistry
- Gerald Neil Goldberg, B.S.E. (Met. E.) (University of Michigan)
Pontiac, Mich.
Field of Specialization: Metallurgical Engineering
- John Kyte Goodyear, B.Cer.E.....Uhrichsville
Field of Specialization: Ceramic Engineering
- David Marshall Gordon, B.Sc.....Columbus
Field of Specialization: Physics
- Walter James Gorman, D.D.S. (University of Pennsylvania)....Columbus
Field of Specialization: Dentistry
- Michael Guarnieri, B.S. (University of Notre Dame).....Warren
Field of Specialization: Physiological Chemistry
- Mary Susan Halliday, B.Sc. in H.E.....Powell
Field of Specialization: Home Economics
- Margaret Collins Hanna, B.S. (Marietta College).....Salem
Field of Specialization: Home Economics
- Janet Naomi Hansen, B.S. in H.E. (University of Nebraska)
North Platte, Nebraska
Field of Specialization: Home Economics
- William Morgan Harrison, B.S., D.D.S. (Baylor University)
Puducuh, Tex.
Field of Specialization: Dentistry
- Sister Mary Jean Heffernan, A.B. (Hunter College).....Brooklyn, N. Y.
Field of Specialization: Home Economics
- John Ezra Heiniger, B.S.M.E. (Bradley University).....Morton, Ill.
Field of Specialization: Mechanical Engineering
- Jack Kenneth Hill, B.Sc. in Agr.....Plain City
Field of Specialization: Agricultural Education
- Douglas Wayne Hissong, B.S. (University of Cincinnati).....Cincinnati
Field of Specialization: Chemical Engineering

- Donald Edwin Hoak, Aero.Engr. (University of Cincinnati) Rock Falls, Ill.
Field of Specialization: Aeronautical and Astronautical Engineering
- San-Chi Hu, B.Sc. (National Central University) Kangshan, Taiwan, China
Field of Specialization: Physics
- Roy Russell Huddleston, B.S. (Texas Agricultural and Mechanical College) San Antonio, Tex.
Field of Specialization: Chemical Engineering
- Burhan Ilkbay, B.Cer.E. Denizli, Turkey
Field of Specialization: Ceramic Engineering
- Sophann Im, B.S. in Pharm. (University of New Mexico) Battambang, Cambodia
Field of Specialization: Pharmacy
- Hernan Jaramillo-Hoyos Manizales, Colombia
Field of Specialization: Agricultural Economics (Rural Sociology)
- Robert Charles Johns, D.D.S. (Indiana University) Columbus
Field of Specialization: Dentistry
- Joseph Edward Jones, Jr., B.Sc. in Phys. Martins Ferry
Field of Specialization: Physics
- Karen Brunstrom Jordan, B.A. (Western Washington College) Aberdeen, Wash.
Field of Specialization: Home Economics
- Arieh Mike Karger, B.A. (Brandeis University) Waltham, Mass.
Field of Specialization: Physics
- Harold Milton Kauffman, B.S. (Pennsylvania State University) State College, Pa.
Field of Specialization: Electrical Engineering
- Najat Arafat Khelil, B.Sc. (Cairo University) Nablus, Jordan
Field of Specialization: Physics
- Costandy Khalil Khury, B.A. (Ohio Wesleyan University) Columbus
Field of Specialization: Mathematics
- Joseph Edward Knapp, B.Sc. in Phar. Columbus
Field of Specialization: Pharmacy
- Lee Donald Kness, B.S. in Phys. (University of Texas) Phillips, Tex.
Field of Specialization: Physics
- Philip Charles Kozel, B.Sc. in Agr. Cleveland
Field of Specialization: Horticulture
- Martha Matakó Kropf, B.Sc. in Edu. Massillon
Field of Specialization: Microbiology
- Kiu Hee Lee, B.S.E. (University of Michigan) Dongdaemnon-Ku, Seoul, Korea
Field of Specialization: Chemical Engineering
- Patricia Arlene Lewandowski, B.A. (Clarke College) Chicago, Ill.
Field of Specialization: Chemistry
- Carolyn Marie Lien, B.A. (Concordia College) Rugby, N. Dak.
Field of Specialization: Microbiology

- Joan Luck, B.S. (Madison College) Columbus
Field of Specialization: Home Economics
- Robert William Mathews, B.E.E. (University of Florida)
 East Orange, N. J.
Field of Specialization: Electrical Engineering
- Max Edward McGowan, B.Sc. in Agr. De Graff
Field of Specialization: Agricultural Education
- David Richard McNutt, A.B. (Columbia University); M.D. Toledo
Field of Specialization: Microbiology
- Edwin Kent Middleswart, B.S.Ch.E. (Purdue University) Hamilton
Field of Specialization: Chemical Engineering
- Gary Walter Miller, B.A.A.E. Navarre
Field of Specialization: Aeronautical and Astronautical Engineering
- Sheldon Seymour Miller, B.S. in Physics (Case Institute of Technology)
 Cleveland
Field of Specialization: Physics
- Ahmet Minbay Eskisehir, Turkey
Field of Specialization: Microbiology
- Charles Herman Mitchell, Jr., B.S. (University of Kentucky) . . . Dixon, Ky.
Field of Specialization: Horticulture
- Frederick Nicholson Moore, B.S. in Ed. (Wittenberg University) . Columbus
Field of Specialization: Mathematics
- Dennis James Morgan, B.E.E. Barberton
Field of Specialization: Electrical Engineering
- Joseph Paul Nenni, B.Aero.E. (Rensselaer Polytechnic Institute) . . Fairborn
Field of Specialization: Aeronautical and Astronautical Engineering
- Robert Francis Nikolewski, B.S. (Loyola University) Columbus
Field of Specialization: Pathology
- William Edward O'Brien, B.S. in Phar. (Duquesne University)
 Pittsburgh, Pa.
Field of Specialization: Pharmacy
- Michael Joseph O'Connor, B.S. in E.E. (University of Notre Dame)
 Chicago, Ill.
Field of Specialization: Electrical Engineering
- Mohindar Singh Ogra, B.V.Sc. (Panjab University)
 Hoshiarpur, Punjab, India
Field of Specialization: Poultry Science
- Charles Albert Otto, B.Sc. in Agr. St. Marys
Field of Specialization: Horticulture
- Darrell Lee Parks, B.Sc. in Agr. Eldorado
Field of Specialization: Agricultural Education
- Margaret Katherine Paul, B.S. in Edu. (Kent State University)
 Massillon
Field of Specialization: Home Economics
- Gary Lee Pearson, D.V.M. Fremont
Field of Specialization: Microbiology

- William Bender Perkinson, B.E.E.....Portsmouth
Field of Specialization: Electrical Engineering
- Charles Maxwell Perry, B.Sc. in Agr.....Glenford
Field of Specialization: Agricultural Education
- Leonard John Porter, B.S. (Xavier University).....Portsmouth
Field of Specialization: Physiology
- Deanna Bolfa Radeloff, B.S. in Edu. (Bowling Green State University)
 Perrysburg
Field of Specialization: Home Economics
- Dale Franklin Paul Rank, B.S. (University of Oregon); D.D.S.
 (Marquette University).....Columbus
Field of Specialization: Dentistry
- Donald Charles Reicosky, B.Sc. in Agr.....East Sparta
Field of Specialization: Agronomy
- James Earl Reinoehl, B.Met.E.....Massillon
Field of Specialization: Metallurgical Engineering
- Richard Louis Remski, B.S. (University of Detroit).....Dayton
Field of Specialization: Physics
- *Bruce Emerson Roberts.....Tallmadge
Field of Specialization: Civil Engineering
- Edsel Dale Robinson, A.B. (Glenville State College, West Virginia)
 Madison
Field of Specialization: Zoology
- Eugene Wallace Rork, B.Sc.....Springfield
Field of Specialization: Physics
- Robert Reese Safford, Jr., B.I.E.....Columbus
Field of Specialization: Industrial Engineering
- Maurice Emanuel Scheetz II, B.A. (Ohio Wesleyan University).....Lima
Field of Specialization: Microbiology
- Esther Carnes Scott, B.S. in Nsg. (Western Reserve University)
 Delaware
Field of Specialization: Nursing
- Herman Elmo Scott, B.A. (Ohio Wesleyan University).....Manchester
Field of Specialization: Physics
- Don Ferris Seaman, B.Sc. in Agr.....Peebles
Field of Specialization: Agricultural Education
- Lizzie Jacob Shallom, B.S., M.S. (University of Nagpur)...Nagpur, India
Field of Specialization: Geology
- Charles Robert Short, D.V.M.....Maple Heights
Field of Specialization: Veterinary Medicine
- Karen Helen Shufelt, B.Sc. in Nurs.....Bellevue
Field of Specialization: Nursing
- Chiumchai Singhashan, B.Sc. in Math. (Chulalongkorn University)
 Bangkok, Thailand
Field of Specialization: Mathematics
- Samuel Joseph Skarote, B.E.E.....Youngstown
Field of Specialization: Electrical Engineering

* Two degrees

- Charles Woodrow Skinn, B.E.E.....Wakeman
Field of Specialization: Electrical Engineering
- Willard Franklin Smailes, B.Sc. in Agr.....Warsaw
Field of Specialization: Agricultural Education
- Otto Dwight Smith, B.Sc. in Agr.....Johnstown
Field of Specialization: Agricultural Education
- George Henry Stickford, Jr., B.A.A.E.....Lancaster
Field of Specialization: Aeronautical and Astronautical Engineering
- David McCullough Thomson, B.A. (Michigan State University) ..Columbus
Field of Specialization: Mathematics
- Karl Arthur Traul, B.S. (University of Akron)Cuyahoga Falls
Field of Specialization: Microbiology
- Arthur Joseph Troy, B.S. in E.E. (Northeastern University)
Sommerville, Mass.
Field of Specialization: Electrical Engineering
- William Nelson Turner, B.S. (Westminster College) ..New Kensington, Pa.
Field of Specialization: Chemistry
- Charles Russell Tutt, B.S. in Agr. (Murray State College) ..Murray, Ky.
Field of Specialization: Agronomy
- Edward Stanley Tyszka, B.A.....Maple Heights
Field of Specialization: Physiology
- Sharon Cecile Vergez, B.S. (Louisiana State University) ..Covington, La.
Field of Specialization: Chemistry
- Maung Tin Wa, B.Sc. (University of Rangoon)Rangoon, Burma
Field of Specialization: Pharmacy
- Eva Margaret Weiss, B.S. (Southeast Missouri State College)
Cape Girardeau, Mo.
Field of Specialization: Home Economics
- James Douglas Wells, B.S. in Agr. (University of Kentucky) ..Portsmouth
Field of Specialization: Agricultural Economics (Rural Sociology)
- Robert Boyd Williams, B.S. in Pharm. (Ferris Institute) ..Big Rapids, Mich.
Field of Specialization: Pharmacy
- Clarence Wilson, B.S. (University of Arkansas).....Little Rock, Ark.
Field of Specialization: Microbiology
- Victor Wendell Winkler, B.A.....Columbus
Field of Specialization: Physiological Chemistry
- Delpha Shaver Wolf, B.Sc.....Columbus
Field of Specialization: Microbiology
- Kenneth Seymour Wulliger, B.E.E.....Cleveland
Field of Specialization: Electrical Engineering
- David Edward Young, B.S. (Baylor University)Beaumont, Tex.
Field of Specialization: Chemistry

(One hundred and thirty-seven candidates)

Master of Social Work

- Wilma Jean Clark, B.Sc. in Soc. Adm.....Lancaster
Field of Specialization: Social Work
- Ellen Maude Diss, B.A. (Baldwin-Wallace College).....Cleveland
Field of Specialization: Social Work
- Kenneth Hochstedler, B.A. (Goshen College).....Wellman, Ia.
Field of Specialization: Social Work

(Three candidates)

CANDIDATES FOR TWO DEGREES

- Bruce Randal Bishop.....Orrville
Bachelor of Science in Education
Bachelor of Fine Arts
- Philip Leslie Brown.....Wilmington
Bachelor of Arts (cum laude)
Bachelor of Science in Education (cum laude)
- Harold Edwin Chadwick.....Columbus
Master of Science
Bachelor of Electrical Engineering
- Ann Esther Cabalac Cogen.....Akron
Bachelor of Arts
Bachelor of Science in Education
- Bruce Emerson Roberts.....Tallmadge
Master of Science
Bachelor of Civil Engineering

(Five candidates)

COLLEGE OF AGRICULTURE AND HOME ECONOMICS

Dean: ROY M. KOTTMAN

Bachelor of Science in Agriculture

John Henry Brown, Jr.....	Hillsboro
Ronald Eugene Clark.....	Tiffin
Ned Sylvester Coffman.....	Lancaster
John Richard Conway.....	Cincinnati
Frank Richard Coulter.....	Negley
Daniel Lee Eustache.....	Sidney
Gary Francis Fairchild.....	Marion
James Edward Fry.....	Reynoldsburg
Maxine Kay Gorby.....	Negley
Gene Arthur Gray.....	Delaware
Robert Eugene Grover.....	Hillsboro
Jerry Francis Hackett.....	London
James Frederick Haskins.....	Bowling Green
Charles Beshara Hobaica.....	Sauquoit, N. Y.
Larry Howard Hosley.....	Curtice
David Charles Hudak.....	Ashland
John Arthur Jordan.....	Sullivan
Max Lee Kells.....	Cable
Quintin Curtis Linn.....	Bucyrus
James Michael McDonnell.....	Delta
Price McKinney McIntosh.....	Fort Lauderdale, Fla.
Donald Henry Monat, Jr.....	Galion
James William Morton.....	Portsmouth
Isaiah Murunga Ndethiu.....	Nairobi, Kenya
Lloyd William Reese, Jr.....	Elida
Kenneth James Robinson.....	Whipple
Rex Joseph Smith.....	Bryan
Alan Ewald Thuernau.....	Green Springs
John Wilson Tostrick.....	New Bremen
Peter Gregory Truckor.....	Metamora
Gilbert Franklyn Vastine, Jr.....	Blanchester
Carl Bradford Weaver.....	Union City, Ind.
Gerald Lee Wenzinger.....	New Bavaria
Roger Earl Wyse.....	Wauseon
Richard Michael Yoder.....	West Liberty
Neil Edwin Zimmer.....	Marietta

(Thirty-six candidates)

Bachelor of Science in Dairy Technology

Duane Stanley Snoddy.....	West Salem
Paul Anthony Washington.....	Cleveland

(Two candidates)

Bachelor of Science in Food Technology

Frederick Arthur Hegele.....	Bedford
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(One candidate)

SCHOOL OF HOME ECONOMICS

Bachelor of Science in Home Economics

Gayle Eileen Bartrum.....	Berea
Jacquelyn Petri Bartz.....	Fairview Park
Nancy Pauline Bonar(cum laude).....	Clarington
Janet Holdren Campbell.....	West Liberty
Judith Logan Chapman.....	Mt. Gilead
Carol Miller Currie.....	Pittsburgh, Pa.
Mary Anderson Dimmick.....	Mt. Vernon
Jeannette Karn Dudleson.....	London
Jeanne Miller Henderson.....	Columbus
Joyce McCleery Hirn.....	Van Wert
Diane Ruth Hopp.....	Perry
Ellen Deborah Kornweiss.....	Far Rockaway, N. Y.
Lucille Ann Livingston.....	Nova
Barbara Ellen Mott.....	Cedarville
Sandra Jo Nagy.....	Columbus
Karen Ryu Nishimura.....	Kettering
Mildred Irene Norris.....	Coshocton
Nina Mugleston Ownby (summa cum laude).....	Salt Lake City, Utah
Ellen Porteus.....	Coshocton
Patricia Masek Rowley.....	Ashtabula
Jacqueline Lee Saunders.....	Cleveland
Joan Sue Shrider.....	Columbus
Carolyn Wright Trimbach.....	Dayton

(Twenty-three candidates)

Bachelor of Science in Food Technology

Marcia Louise Annear.....	Berea
Henry George Kelley.....	North Babylon, N. Y.

(Two candidates)

COLLEGE OF ARTS AND SCIENCES

Dean: J. OSBORN FULLER

Bachelor of Arts

John Clifford Acomb.....	Columbus
Samuel Albert.....	Toledo
Roger Franklin Barriteau.....	Dayton
Frederick James Barry.....	Columbus
Judith Carol Berg.....	Chicago, Ill.
Linda Lou Black.....	Westerville
Thomas Vincent Boeke.....	Columbus
Joseph Edward Bolek.....	Beachwood
Patti-Ellen Zuidema Bonnell.....	Worthington
Wilbur Dean Bostic.....	Barberton
Leonard William Braden.....	Columbus
Carolyn Rebecca Britt.....	Columbus
*Philip Leslie Brown (cum laude).....	Wilmingon
Vernon Dale Burk.....	Kettering
Robert Joseph Byrne.....	Mansfield
Michael Alan Calvert.....	Columbus
Margaret Jean Cameron.....	Columbus
Luanne Roebuck Carey.....	Lima
Russell Steele Carson.....	Huron
Pete Steve Christ.....	Mansfield
Jennifer Dee Clark.....	Worthington
John William Clifford.....	Columbus
*Ann Esther Gabalac Cogen.....	Akron
Paul Hayes Coleman.....	Columbus
Christopher Robert Coulton.....	Mentor
William Francis Craig.....	Curtice
Ronald Cole Dailey.....	Findlay
Dorothy Estella Dickinson, B.Sc. in Edu.....	Ashville
Ilze Dikis.....	Waverly
Margaret Marie Doering.....	Logan
Frederick Henry Doran.....	Columbus
Madelon Rosensweig Dritz.....	Hamilton
Carol Ann Dunbar.....	Wauseon
Michael Vincent Durkin.....	Columbus
Robert Andrew Emery.....	Wauseon
William David Farr.....	Columbus
Caryol Lynn Farrell.....	Galloway
Charles Blaine Fielding.....	Cleveland
Ursula Maria Franz.....	Columbus
Jerome Friedman.....	Columbus
James Delbert Fullen.....	Newark
Arnold Fredric Gans.....	University Heights
Richard Geltzer.....	Cleveland
Rock Mitchell Gettys.....	Columbus
David Buchanan Gill, B.Sc.....	Mt. Vernon
Sandra Sue Hamilton.....	North Royalton
Jamie Hooper Harper.....	Springfield
Carl Leonard Harshman.....	Sidney
David Lee Haskins.....	Oberlin
Roger Eugene Hayman.....	Mt. Sterling
Clarence Luther Heckman.....	Pemberville

* Two degrees

Katherine Marie Heyd.....Lakewood
 James Lloyd Howell.....Columbus
 David Jonathan Hoyer.....Dayton
 Donald John Hulslander, Jr.....Columbus
 Sue Ellen Humbert.....Mt. Vernon
 James Harold Jackson.....Akron
 Dennis Edward Janco.....Lakewood
 Carla Louise Johnson.....Columbus
 Frank Newton Jones, Jr.....Columbus
 Norman Houston Jones.....Akron
 Christopher Anthony Joseph.....Columbus
 Leroy Kenneth Kadow.....Cleveland
 Janet Alexandria Kail.....Cleveland
 Francine Levine Kleinstub.....University Heights
 Christ Demetrius Kossoudji.....Dayton
 Vonnie Mae Kriebel.....Columbus
 Paul Anthony Krusinski.....Boston
 Dorothea Ann Kutler.....Circleville
 Bruce Ian Larrimer.....Columbus
 William Frank Lawyer.....Cambridge
 Jeanne Delores Lee.....Dayton
 George Dwight Lehman.....Kettering
 Michael Clair Lerch.....Bucyrus
 Richard Michael Levine.....Cleveland Heights
 Nancy Joan Lowmiller.....Columbus
 Ann Elizabeth Langdon Loxterman.....Columbus
 Linda Louise Lyndes.....Grafton
 Barbara Spencer Martin.....Columbus
 John Stuart Martin.....Columbus
 Jacqueline Sue Maxwell.....Indianapolis, Ind.
 Diane Wasserman McCandlish.....Columbus
 Rosellen McKenzie.....Orr's Island, Me.
 Jane Wales McQuade (cum laude).....Mansfield
 Jane Merican.....Toledo
 Martin Edward Miller.....Columbus
 Patrick Thandika Mkandawire.....Blantyre-Limbe, Malawi
 Sarah Jane Moore (cum laude).....Westerville
 Linda Beth Orgel.....Canton
 Daniel Graham Paterson.....Dallas, Tex.
 Byron Lafayette Peasley.....Westerville
 David Anthony Picozzi.....Hanover, N. H.
 William King Pierce.....Columbus
 Frances Sue Rafelson.....Decatur, Ill.
 Jane Lyn Ramsey.....Columbus
 Michael Peter Ream.....Novelty
 Richard Norman Renn (cum laude).....Marion
 Corinne Adams Rieder.....Columbus
 James David River.....Chillicothe
 Margaret Ellen Rowan.....Shadyside
 Donald Earl Ruff.....Columbus
 Donald George Sapp.....Columbus
 Raymond John Scheetz, Jr.....Youngstown
 Barry Schonberg.....University Heights
 Richard M. Scott.....Wooster
 Robert Walter Selfe, Jr.....Columbus
 Martha Caesar Shaffer.....Westerville

Susan Shephard.....	Columbus
Robert Charles Skillicorn.....	Bedford
Gae Cheryl Slivinske.....	Willoughby
Jacqueline Eugenia Smith.....	Cleveland
Mibs Blocki Somerville.....	Stow
Barbara Brown Sonner.....	Cincinnati
Philip Keith Sonner (with Distinction in English).....	Worthington
Kenneth Jerome Spicer.....	Willoughby
Clifford Forrest Stickel.....	Cleveland
Barbara Norma Strutin.....	Youngstown
John Robert Sundra.....	Parma
Robert Lee Thompson.....	Piqua
Roger David Tibbetts.....	Lakewood
James Foster Turner.....	Columbus
Andrew Scott Utley.....	Columbus
George Quigley Vaile.....	Columbus
Peter Teguns VanBaalén.....	Cleveland
Charles Edward VanScoy.....	Lancaster
William Jacob Venable.....	Alexandria, Va.
Robert Lee Walker.....	Wellsville
Richard Innis Ward.....	Columbus
Mickey Emery Waters.....	Bellefontaine
Richard Albert Weaver.....	Bedford
Samuel Bernard Weiner.....	Columbus
Steven Ralph Wiesenberger.....	Cleveland
Cole Bradford Willoughby (cum laude).....	St. Marys
Robert Donald Wirtz.....	Cincinnati
Barbara Lee Wise.....	Dayton
Shafic Toufic Yaktin.....	Dakar, Senegal
Michael Edward Yurosko.....	Euclid

(One hundred and thirty-seven candidates)

Bachelor of Science

Clarence William Adams, Jr.....	Hilliard
Thomas Taylor Allger.....	Dublin
David Clinton Ashcraft.....	Coshocton
Lynwood Lawrence Battle, Jr.....	Cincinnati
James Lee Baumgardner.....	Brookville
Cheryl Cecile Beucler.....	Columbus
Patricia Dianne Bierberg.....	Columbus
James William Blackburn.....	Loveland
Robert Edward Brown.....	Lynchburg
Alexander B. Bunson.....	McKeesport, Pa.
Robert Hector Cameron, B.A. (Franklin and Marshall College)	Ridgewood, N. J.
Lawrence Emil Chapanar.....	Canton
Robert Gene Charles.....	Columbus
Dennis Joseph Chojnacki.....	Maple Heights
Lawrence Colbert.....	Cleveland
Michael Wilbur Coon.....	Cleveland
Ronald Lloyd Cornelius.....	Pleasantville, N. J.
David Lee Dayton.....	Tiffin
Carlyle Donald Eckstein.....	Shaker Heights
Ogden Chester Eggleston.....	Lincoln, Nebr.
Stanley Austin Eichelberger.....	Cincinnati
Anne Deborah Finkel.....	Pennsauken, N. J.

Barry Duane Gilligan.....	Akron
Ellen Ruth Goldstein.....	Flushing, N. Y.
Ronald Eugene Goolsby.....	Columbus
Roger Van Gossick.....	Tullahoma, Tenn.
William Edward Hanners (cum laude).....	Springfield
Chester J. Hauck.....	Groveport
Elva Rose Herroon.....	Perrysburg
David Carl Hoffman.....	Helena
Richard Samuel Kattouf.....	Akron
Robert Phillip Kropac.....	Ravenna
John Weston LeSar.....	Lancaster
Gary Keith Lulfs.....	Hamler
Elizabeth Mae Martin.....	Columbus
Billy Carrol Mayo.....	Houston, Tex.
Martha Jane Miller.....	Barberton
Thomas Edward Oxley.....	Troy
Lawrence John Pfeil.....	Lakewood
Marvin Lee Pflaumer.....	New Carlisle
Douglas Jefferson Pride.....	Youngstown
John William Prince.....	St. Paris
Larry Anderson Pugh.....	Yorkville
Rowland Bankson Randall.....	Greenville
Billie Marie Rengstorff.....	Columbus
Samuel J. Rice.....	Hamilton
Richard Victor Scheu.....	Lancaster
Robert Alan Schriber.....	Dayton
Paul Werner Seck.....	Canton
Nicholas Thomas Simon.....	Lakewood
William Allen Snider.....	Bay Village
William Thurman Snyder.....	Columbus
Larry Michael Soine.....	Cambridge
Frank Edward Travers.....	Leavittsburg
Bruce Harris Trusler.....	Cleveland
Connie Ruth Warren.....	Cleveland
Jay Irwin Watkins, Jr.....	Columbus
Marcia Shirley Weintraub.....	Toledo

(Fifty-eight candidates)

Bachelor of Science in Medical Technology

Susan Gail Becker.....	Youngstown
Letty Lytton Butcher.....	Pittsburgh, Pa.
Ina Rebecca Duncan.....	Columbus
Bonnie Ellen Fryer.....	Lakewood
Hallie Jo Kersey.....	Lebanon
Alma Gaye LeFlore.....	Canton
Sharon Lee Lewis.....	Columbus

(Seven candidates)

Bachelor of Science in Physical Therapy

Barbara Ann Abel.....	Cleveland
Barbara Kay Dempster.....	Middletown
Toby Fettner.....	Cincinnati
Joan Leanne Gibson.....	Berlin Center

Janet Brown Secrist.....Columbus
Gretchen Sue Tidd.....Dublin

(Six candidates)

SCHOOL OF JOURNALISM

Bachelor of Arts

Loretta Joan Blaser.....Alliance
Patricia West Dickelman.....Cleveland
Judith Ann Eckert.....Cleveland
Edward Gross, B.S. (City College, New York).....Bronx, N. Y.
Marcella Mae Hilt.....Pemberville
Samuel Budd Huff.....Dover
Judith Marie Mengerling.....Lexington
Ladd Alan Neuman.....Wapakoneta
Ann Thompson Wheeler.....Columbus

(Nine candidates)

SCHOOL OF OPTOMETRY

Bachelor of Science in Optometry

Gary Brian Zimmerman.....Beachwood

(One candidate)

COLLEGE OF COMMERCE AND ADMINISTRATION

Dean: JAMES R. MCCOY

Bachelor of Science in Business Administration

Daniel Preston Adamson, Jr.....Lubbock, Tex.
Robert Harry Ahlborn.....Lockbourne
David Lynn Andrews.....Dayton
Robert Resur Bagley.....Marion
Barbara Ann Akey Beck.....East Liberty
Jack James Bender.....Canton
Donald Lawrence Bleich.....Cincinnati
Douglas James Bradt.....Dayton
Richard Warren Buxbaum.....Jersey City, N. J.
Raymond Wilson Cargould.....Medina
Henry Nicholas Carriger.....Winchester, Ill.
Daniel Joseph Carro.....Columbus
James Lynn Carroll.....Bryan
Ronald Warren Christiana.....Graterford, Pa.
Vaughn Dennis Clutter.....Columbus
William Latham Clymer.....Dayton
Kenneth Louis Coleman.....Centralia, Ill.
Bruce Alan Conard.....Chillicothe
Richard Dexter Conn (cum laude).....Akron
Francis Dewey Contos, Jr.....Columbus
Quentin Cooley.....Columbus
Anthony Cordiano.....Columbus
David Broughton Crall.....Willard
Robert Alan Day.....Columbus
Gene Donald Deidrick.....Columbus
John Leslie DeLong.....Columbus
Richard Norman Distelhorst.....Hilliard
Darryl Byron Dobras.....Lorain
Ronald Michael Dolinger.....Columbus
Edward Julius Dollenmayer.....Columbus
Stephan Douglas Dreffer.....Montpelier
Kenneth William Dreitzler.....Grove City
George Lee Edwards.....Hattiesburg, Miss.
Carole Elder Elsea.....Riverside, Conn.
Anita Linda Fine.....Hollywood, Fla.
Theodore Harvey Finesman.....Canton
Roger Barry Finney.....Canton
Richard Walters Foster.....Columbus
Robert Michael Foster.....Elida
James Thomas Fuerhoff.....Parma Heights
Gary Arthur Gieser.....Willard
Mary Ann Gordon.....Wilmington
Lawrence David Gotlieb.....Clarksburg, W. Va.
David Anthony Greenfield.....Locust Valley, N. Y.
Elizabeth Lucas Grubb.....Pittsburgh, Pa.
Charles Willard Hannon, Jr.....Columbus
Richard Crane Jameson.....Waverly
Gary Martin Jenkins.....Springfield
Thomas Christian Kiehfluss.....Cincinnati
David Paul Knight.....DeGraff
Thomas John Kovalchek.....Cleveland

George William Krull, Jr.....	Columbus
James Douglas Kucera.....	Delaware
John Chester Kuntzman.....	Frankfort
Dale Edward Ledman.....	Bellevue
Jeffrey Allen Lewis.....	Sandusky
Gerald Alan Lloyd.....	North Royalton
William Basil Mangano.....	East Liverpool
Christopher Patrick McAllister.....	Chillicothe
James David McMillen.....	Worthington
Robert Malcolm McNair.....	Ashtabula
Harry Donald McNally.....	Cuyahoga Falls
William Augustus Messerly, Jr.....	Steuenville
Barry Randolph Mintzer.....	Brooklyn, N. Y.
Jeffred Moroff.....	Cleveland
James Lowell Murr.....	Dayton
Sheryl Frances Natkins.....	University Heights
Jerry Eugene Neal.....	Columbus
Philip Mark Needles.....	Russells Point
Patrick Eugene O'Hara.....	Green Camp
John Everett Osborn.....	Columbus
Lois Rosalind Pearson.....	Cleveland
Jacob Roger Peck.....	Millersburg
James Howard Phillips.....	Lakewood
John Edward Phillips, Jr.....	New Philadelphia
Gary Howard Podlish.....	Akron
Anil Raikhy.....	Ludhiana, Punjab, India
David James Raines.....	Livonia, Mich.
Richard Norman Ransbottom, Jr.....	Roseville
James Bryant Rees.....	Kent
Joseph Augustus Roach.....	Columbus
Howard Fredrick Scott.....	Cleveland
William John Scott, Jr.....	Shaker Heights
Melvin Richard Shane.....	Fletcher
James Thomas Share.....	Cambridge
William Robert Shelton III.....	Columbus
George Edward Shute (cum laude).....	Lima
Daniel Lee Smith.....	Columbus
Stephen Albert Soler.....	Columbus
Christopher Augustin Somers.....	Kingston, Jamaica
James Harry Streck.....	Medina
Ralph Alan Tomlinson.....	Newark
Arthur Ralph Turek.....	Elyria
Eric Stephen Ulrikson.....	Zanesville
George Gabriel Vargo.....	Columbus
Eugene John Warner.....	Canton
Richard Belden Waugh, Jr.....	Pittsburgh, Pa.
Thomas Lynn Weidle.....	Dayton
Stephen Jack Weinberg.....	Cleveland
Ronald Glenn Wolfe.....	Columbus
John McMahon Young.....	Toronto

(One hundred and one candidates)

SCHOOL OF SOCIAL WORK

Bachelor of Science in Social Welfare

Samuel Earl Davis.....	Dayton
Ray Edward Flowers.....	Cleveland
Anne Saenger Franklin.....	Columbus
Judy Baker Hiltman.....	Columbus
Phyllis Ann Linder.....	Cleveland Heights
Sharon Lee Mowl.....	Gnadenhutten
Carol Stephens Plunkett.....	Columbus
Royana Lampman Schultz.....	North Canton
Garnet Gayle Shane.....	Columbus
Norma Soupcoff Smith.....	Columbus
John Monroe Weaver.....	Columbus
Carolyn Ellis Welch.....	Adamsville, R. I.

(Twelve candidates)

COLLEGE OF DENTISTRY

Dean: JOHN R. WILSON

Doctor of Dental Surgery

Michael James Bernard, B.S. (Allegheny College).....South Euclid
Michael Duane Wootton.....Columbus

(Two candidates)

COLLEGE OF EDUCATION

Dean: DONALD P. COTTRELL

Bachelor of Science in Education

Virginia Frances Abbott.....	Akron
Karen Annette Adams.....	Rittman
William Marion Alcott.....	Columbus
Carolyn Bissantz Alley.....	Bethel
Joyce Folden Anderson.....	New Lexington
Jeremiah Joseph Anglim.....	Worthington
Dianne Evelyn Arbuckle.....	Reynoldsburg
Hope Margaret Atkins.....	Stow
Gayetta Ann Baker.....	Republic
Sherry Lynn Barger.....	Birmingham, Mich.
Darlene Carol Barrick.....	Newton Falls
Susan Bartz.....	Toledo
Janet Louise Bass.....	Wyoming
Patricia Ann Bathory.....	Dayton
Howard Blaine Beekman.....	Idaho
Gertrude Ingeborg Berthold, B.A.....	Euclid
*Bruce Randal Bishop.....	Orrville
Nancy Anne Blake.....	Columbus
Melinda Kohler Blakie.....	Dayton
Sandra Lynette Boas.....	Fostoria
Bonnie Frances Boggs.....	Pickerington
Eleanor Wester Bowman.....	Hebron
Dorothy Anne Braden.....	Stow
Richard Dean Bradshaw.....	Columbus
Joan Carol Brauning.....	Rocky River
Jo Carol Brown, B.Sc.....	Columbus
*Philip Leslie Brown (cum laude).....	Wilmington
Richard Louis Brown.....	Newark
Frederick George Brunner.....	Beloit
Joyce Carol Brusman.....	Vandalia
Barbara Dale Bunn.....	Kent
Elizabeth B. Burns.....	New York, N. Y.
Patricia White Burr.....	Galloway
Richard Curtis Butler.....	Mason
Max George Carey.....	DeGraff
Ivy Veronica Carter.....	Columbus
Demi Badger Casto.....	Columbus
Phyllis Amicarelli Coate.....	Euclid
Robert Jude Cochrun.....	Columbus
*Ann Esther Gabalac Cogen.....	Akron
Harriet Miller Collins.....	McComb
Robert Ward Conrad.....	Columbus
Virginia Knox Cornwell.....	Canal Winchester
Shirley Jean Coston.....	Columbus
Mary Jane Baumhardt Courter.....	Elyria
JoAnn Kay Cramer.....	Marion
Frank Buddy Crews.....	Columbus
Carol Aileen Culbertson.....	Shelby
Merrily Butler Cunningham.....	Gahanna
Ronald Edward Dalton.....	Marion

* Two degrees

Susan Simsic Day.....	Lorain
Joan Marie Dilley.....	South Euclid
Richard John Dilley.....	Nevada
Barbara Ann D'Luzansky.....	Wickliffe
Alfred Lewis Dominico.....	Lorain
Earl Edward Donaldson, Jr.....	Columbus
Suzanne Weekly Donelson.....	Columbus
Donald Wayne Dowling.....	West Union
Susan Schneider Doyle.....	Alliance
Pamela Lewis Drum (summa cum laude).....	West Salem
Patrick Fallon Durham.....	Columbus
Maxine Sara Durjava.....	Amherst
Mary Lee Eigensee.....	Columbus
Diana Lee Espenschied.....	Dover
Paul Arthur Felver.....	Willard
Rose Marie Finke.....	Dayton
Portia Ann Floyd.....	Columbus
Edna Ann Fowler (cum laude).....	Cincinnati
James Aaron Fraley.....	Middletown
Susan Sheppard Friend.....	Washington C. H.
Waunita Lewis Fuerhoff.....	Gallipolis
Mildred May Geiger.....	Columbus
Carolyn Leslie Giffin.....	Dayton
Barbara Ann Gorsky.....	Dover
Larry Lee Gosnell.....	Adena
Joan Alison Griffin, B.A.....	Columbus
Joan Estelle Hagburg.....	Hilliard
Paul Frederick Hammond.....	Sandusky
Alice Carolyn Hansen.....	Bellevue
John Paul Harlow.....	Newark
Steven Herbert Harvey.....	Wilmington
LeRoy Robert Heibel, Jr.....	Columbus
Roy Lester Henderson, B.Sc.....	Salem
Janet Maureen Hennessey.....	Columbus
John Michael Hennike.....	Cincinnati
Susan Hague Henthorn.....	Columbus
Dan LeRoy Hickey.....	Dayton
Daniel William Hiltman.....	Toledo
Ronald Lee Hodge, B.S. (University of Dayton).....	Englewood
Diane Durholt Hohman.....	Maumee
Zetabarbara Nelson Holcombe.....	Sidney
Joseph Carl Housteau.....	Girard
Kenneth John Hughes.....	Eastlake
Helen Suzanne Hull.....	Greenfield
Sandra Rae Hysell.....	Columbus
Mary Allen Johnson.....	Columbus
Sharon Lynne Jones.....	Columbus
Judith Leontine Justin.....	Cleveland
Thomas William Kaugher, Jr.....	Cuyahoga Falls
David Roger Keane, B.Mus.....	Akron
Susan Klaer.....	New Albany
Marcia Klein.....	Cleveland
Anna Laderman Kogel.....	Mansfield
Elaine Avren Kravitz.....	Columbus
Sanford Harvey Krupman.....	Cleveland Heights
Jerilyn Lazear.....	Columbus

Jack R. LeMaster.....Wheelersburg
 Mary Lou Lentz.....Gibsonburg
 Paula Silverman Levine.....Lawrence, Mass.
 Sheldon Earl Levine.....Dayton
 Robert Augustine Link.....Lima
 Janet Ellen Lotz.....Columbus
 Marvin Lynn Lovell.....Marion
 Kevin Patrick Lynch.....North Olmsted
 MaryAnn Macklin.....Columbus
 Robert Nielson MacVicar.....Worthington
 Roberta Patsy Malbin.....University Heights
 Betty Ellen Marks.....Cleveland
 Ann Nordholt Martone.....Tiffin
 Johnnetta Lee Maxwell.....Dayton
 Donald Breece McClarren.....Galion
 Deborah Dohn McConnell.....Lynchburg
 Sandra Lee McCoy.....Loveland
 Ronald Eugene McCutcheon.....Zanesville
 Sueann Curtis McGannon.....Troy
 Barbara Sagel Meisse.....Mansfield
 Victor Davis Merullo, B.Sc. in Bus.Adm.....Columbus
 Judith Eileen Messett.....Oberlin
 Nancy Lee Miles.....Akron
 Barbara Mosonics Miller.....Parma
 David Ellis Miller.....Columbus
 Sharon Kay Miller.....London
 Sandra Kay Millhuff.....Wooster
 Chester Wesley Mirick.....Columbus
 Beverly May Moncol.....Parma
 David Stanley Moore.....Columbus
 Harold Frank Morris.....Ashland
 Susan Elaine Morris.....Columbus
 Sally Jean Moulder, B.A. (Ohio Wesleyan University).....Columbus
 Joel Edward Mullin.....Columbus
 Shirley Marie Nault.....Columbus
 Ronald Nicholson.....Columbus
 Vernon Ronald Noggle.....Sycamore
 Mary Browning Norton.....Columbus
 Margaret McCready Osburn.....Newark, Del.
 Ruthanne Rowe Paige.....Lima
 Thomas Joseph Palardy.....Springfield
 Carolyn Friese Palmer.....Columbus
 Dale Edward Palo.....Conneaut
 Margaret Briggs Pappas.....Worthington
 Marjorie Matson Pearlman.....Shaker Heights
 Rose Marie Pearson.....Plain City
 Betty Jo Ferguson Pendleton.....London
 Noreen Avonne Peterka.....Vermillion
 Barbara Ann Pfalzgraf.....Clarington
 Ruth Pauline Phillips, B.Sc. in Nurs.....Tippecanoe
 Dennis Arthur Pickering.....Piqua
 Marsha Frager Polster.....Columbus
 Linda Eileen Pottish.....Warren
 Sharon Lee Pratt.....Columbus
 Edwin Bernard Preest.....Columbus
 Ruth Lucas Prince.....Eaton

Douglas Ernest Pugh.....	Mansfield
Nancy Tittelbaugh Ramey.....	Mansfield
Thomas Kellough Rankin.....	Washington C. H.
Anita Beth Raskind.....	Beachwood
Beverly Faye Redman.....	Newark
Barbara Faye Reed.....	Columbus
Gloria Tyree Reid.....	Cleveland
Sharon Grice Reiselt.....	Dublin
Sharon Lee Remer.....	Toledo
Alan Ralph Richardson.....	Columbus
Melvin Vernard Richardson.....	Columbus
Richard Paul Ricketts.....	Belle Center
Gail Minnich Roach.....	Columbus
Evelyn Basiger Roeder.....	Mt. Vernon
Richard Dale Roemer.....	Dayton
Karen Sutphen Rose.....	Columbus
Orrin Merle Rose II, B.A. (DePauw University).....	Worthington
Kathleen Schroats Rowland.....	Newark
Ruth Etta Russell.....	Columbus
Robert Lewis Ruth.....	Bucyrus
Adelaide Moore Sampsel (cum laude).....	Kenton
Daniel Robert Sanders.....	Richwood
Jack Tolford Sanders.....	Galion
Carol Taylor Scheetz.....	Pickerington
Alan Wayne Sheppard.....	Columbus
Jane Elizabeth Sheridan.....	Zanesville
Richard Lee Sherwood.....	Columbus
Kenneth Siegel.....	New York, N. Y.
Dorothy Jean Sila.....	Garfield Heights
Susan Elizabeth Simmonds.....	Pittsburgh, Pa.
Marilyn Hague Simon.....	Columbus
Carol Blodgett Skow.....	Toledo
June Simmermon Slaughter.....	South Solon
Larry Lee Slonaker.....	Pataskala
Margaret Ann Smiley (cum laude).....	Delaware
Linda Ann Souders.....	Galena
Woodrow Oakie Spriggs, Jr.....	Columbus
Vivian Harris Starks.....	Columbus
Rose-Marie Jane Stewart.....	Columbus
Thomas Joseph Stincic.....	Cleveland
Lester Lee Stiner.....	Ostrander
Pamela Jo Studebaker.....	Tipp City
Jane Elizabeth Stupp.....	Springfield
Margaret Ludwig Svenson.....	Canton
Russell Willis Swope.....	Columbus
Donald P. Tate.....	Columbus
Stephanie Ruth Taylor.....	Wilton, Conn.
Timothy Wade Terry.....	Columbus
Charles Edmund Thurman.....	Shelby
Steve Allen Tobias.....	Westerville
John Michael Tobin.....	Cleveland
Ann Viney Todd (summa cum laude).....	Shaker Heights
Kathryn Breckenridge Todd.....	Columbus
Marion Hazel Tomlinson.....	Springfield
Sheila Anne Tripler, A.B. (Miami University).....	Columbus
Mary Ann Ubbing.....	Columbus

Vicki Vallery Utrata.....	Waverly
Nell Marie Vandenberg.....	Rocky River
Susan Kay Van Oosten.....	Bay Village
Sukajit Vienravi, B.S. (Chulalongkorn University)....	Bangkok, Thailand
Sally Jo Vincent.....	Columbus
Joseph Anthony Wagner.....	Lima
Jane Culp Walsh.....	Canal Fulton
John Joseph Walsh, Jr.....	Flushing
Nancy McInturf Warner.....	Newark
Stephen Paisley Warner.....	Zanesville
William Lewis Watkins, Jr.....	Cleveland
Charles Lowell Wegner.....	Maumee
Alice Powers Weibacher.....	Columbus
Marla Stiel Weisberg.....	Cleveland Heights
Alfred John Weisbrod.....	Cincinnati
Jay Dean Wells.....	St. Marys
Joel Eugene West.....	Dublin
Marcia Ann White.....	Cincinnati
Susan Jane Williams.....	Columbus
Reginald David Winland.....	Pleasant City
Lorna Kay Worthington.....	Zanesville
Linda Lee Yandle.....	New Carlisle
Janet Brown Yeoman.....	Lima
Mary Rose Young.....	Republic
Corinne Isabel Zacks.....	Columbus
Christina Rae Zerkoff.....	Columbus

(Two hundred and forty-four candidates)

Bachelor of Fine Arts

Patricia Lawless Berns.....	Columbus
*Bruce Randal Bishop.....	Orrville
Jon Allan Dexter.....	West Milton
Peter Hotchkiss Entorf.....	Baltimore, Md.
Richard Wayne Grabenkort.....	Worthington
Diane Teramana Graham.....	Steubenville
Pamela Jane Herrold.....	Columbus
Anne Virginia Jackson (cum laude).....	Columbus
Patricia Swank Krebs.....	Mansfield
Carolyn Ruth Krupp.....	Gates Mills
Richard Carl Lefkowitz.....	South Euclid
Carter Paul Neff.....	Lakewood
Theodore Robert Pearson.....	West Milton
Elizabeth Anne Poulson.....	Ashtabula
Victoria McNabb Wheeler.....	Columbus
Ronald David Williams.....	Chagrin Falls

(Sixteen candidates)

Bachelor of Music

James Wallace Bane.....	Warren
James Bardwell Boynton.....	Columbus
Roberta Gates McIntosh.....	Medina

(Three candidates)

* Two degrees

COLLEGE OF ENGINEERING

Dean: HAROLD A. BOLZ

Bachelor of Aeronautical and Astronautical Engineering

Lawrence Elroy Olson.....Venetia, Pa.
Steven Morton Stevenson.....Poland
Peter Edwin Susey.....Columbus
David George Wallace.....Walhonding

(Four candidates)

Bachelor of Ceramic Engineering

John Henry Hothem.....West Lafayette
Charles William Kistler.....Ottawa
Martin Phillip Meacham.....Pleasant City
David Barry Ott.....Caledonia
Larry Jay Zook (cum laude).....Canton

(Five candidates)

Bachelor of Chemical Engineering

Charles Edward Baumann.....Columbus
Eugene Neil Wheeler.....Vermilion

(Two candidates)

Bachelor of Civil Engineering

Dale Anthony DeCarlo.....Columbus
Spyridon Alexiou Kanellis.....Athens, Greece
*Bruce Emerson Roberts.....Tallmadge
James Allan Scherocman.....Rocky River

(Four candidates)

Bachelor of Electrical Engineering

Nicholas Adankpoh Amouzou.....Lomé, Togo
Alan Robert Brunsman.....Dayton
*Harold Edwin Chadwick.....Columbus
Lawrence Lee Feth.....Salineville
John Edwin Hawkins.....Jefferson
James Judson Park.....Glenmont
William Lewis Rogers.....Columbus
Demetrius Christos Theodorides.....Volos, Greece
Donald James Voorhies.....Niles
Clifford Eugene Ward, Jr.....Mulberry
William Harold Welch.....Massillon

(Eleven candidates)

Bachelor of Industrial Engineering

Robert James Bambeck.....Parma
Eugene Neil Elleman.....Eaton
Donald Howard Flatt (cum laude).....Brooklyn, N. Y.
Richard Kurt Von Maur.....Columbus

(Four candidates)

* Two degrees

Bachelor of Mechanical Engineering

Harry Leroy Fidoe.....Salem
Richard Redwine Gates (cum laude).....New Richmond
Duane Larry Stucky.....Bloomville
Fredric Marvin Timm.....Yuma, Ariz.

(Four candidates)

**Bachelor of Science
in Physics**

Shirley Dunn Jin.....Akron
John Nash Thomas.....Columbus

(Two candidates)

SCHOOL OF ARCHITECTURE AND LANDSCAPE ARCHITECTURE

Bachelor of Architecture

Steven Terry Blum.....Newark
Barry Ralph Cline.....Downsview, Ont., Canada
Brian Craig McConnell.....Troy

(Three candidates)

COLLEGE OF MEDICINE

Dean: RICHARD L. MEILING

SCHOOL OF NURSING

Bachelor of Science in Nursing

Sharon Montgomery Baker.....	Unionville
Mary Ann Elder Bates.....	North Canton
Diana Lea Callender.....	Edgerton
Janet Lavenia Cockley.....	Harrisburg, Pa.
Sally Ann Debolt.....	Croton
Thelma Ruth Esquivel.....	Galion
Sandra Jean Fisher.....	Athens
Dee Anne Ford.....	Cumberland
Kay Elaine Forsythe.....	Shiloh
Karen Marie Gegner.....	Sandusky
Carol Jean Guth.....	Euclid
Nancy Joanne Hammond.....	Granville
Marilyn Joyce Hawk.....	Postoria
Mary Constance Higgins.....	Centerville
Carol Anne Kirgis.....	Dayton
Regina Kornblum.....	Jackson Heights, N. Y.
Marjorie Catherine Krauser.....	Toledo
Joyce Stubbins Lawrence.....	Columbus
Carolyn Lee McDonough (cum laude).....	Euclid
Judith Ann Meterko.....	Marblehead
Dianne Lucille Otto.....	Huron
Christina May Schuckert.....	Clinton
Patricia Anne Spellerberg (summa cum laude).....	Columbus
Judith Ann Sulek.....	Cambridge
Catherine Ann Tank.....	Toledo
Marilyn Margaret Vondran.....	Delphos
Karen Joy Zelko.....	State College, Pa.

(Twenty-seven candidates)

Bachelor of Science in Occupational Therapy

Marie Ann Clymer.....	Westerville
Barbara Jean DeSanti.....	Huntington Station, N. Y.
Marjorie Bertha Dussault, B.Edu. (University of Toledo)....	Dudley, Ga.
Alice Ann Gill.....	Wellston
Ellen Amelia Keyser.....	Columbus
Margaret Susanna Lauf.....	Johnstown, Pa.
Elizabeth Ann Newcomer.....	Cincinnati
Mary Moore Robinson.....	Upper Saddle River, N. J.
Inga Jean Skromme (summa cum laude).....	Lancaster, Pa.
Sharon Ann Walsh.....	Logan
Jacquelyn Kay Williams.....	Willard

(Eleven candidates)

COLLEGE OF PHARMACY

Dean: LLOYD M. PARKS

**Bachelor of Science
in Pharmacy**

Stephen Louis Cico.....Lorain
David Stanley Kuhn.....Columbus
James Edward Smiley.....Columbus

(Three candidates)

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

Wooster, Ohio, September 14, 1965

The Board of Trustees met at its regular monthly meeting on Tuesday, September 14, 1965, at the Ohio Agricultural Research and Development Center, Wooster, Ohio, pursuant to adjournment.

Present: Alan B. Loop, Chairman, Jacob E. Davis, Stanley C. Allyn, John W. Bricker, Carlton S. Dargusch, Sr., Mervin B. France, and James W. Shocknessy.

* * *

The Chairman introduced the new member of the Board of Trustees, Mr. James W. Shocknessy, who was appointed by Governor James A. Rhodes, to succeed Mr. Smith L. Rairdon, for the term beginning May 14, 1965, and expiring May 13, 1974. Mr. Shocknessy's appointment was unanimously confirmed by the Ohio Senate on July 27, 1965. Mr. Shocknessy is an eminent Columbus attorney and able Chairman of the Ohio Turnpike Commission.

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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. Modification of Campus Master Plan

The official campus master plan was adopted by the Board of Trustees on February 16, 1962. On four subsequent occasions it has been modified by Board action to reflect more detailed studies or to meet new conditions.

New studies have now been completed of the areas in which the proposed Humanities Center and Bioscience Center buildings will be located; a site has been selected for the proposed general college; there has been completed a more detailed study of the new Service Center west of the C & O Railroad; and additional land has been identified for meeting the physical education and recreational needs of the growing staff and student body.

These changes are shown on the attached map. The changes now proposed are consistent with the principles and concepts approved by the Board of Trustees in adopting the master plan in 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 December 12, 1961.

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

B. Distinguished Service Award

In 1952 the Board of Trustees established the Distinguished Service Award to be given in recognition of eminent and illustrious service to The Ohio State University. The President's Cabinet, which serves as a Committee on Distinguished Service Awards, has nominated for consideration by the Board of Trustees the following-named person to receive the Distinguished Service Award at the December 17, 1965 Commencement:

Smith Lester Rairdon

Upon motion of Mr. France, seconded by Mr. Shocknessy, the above nomination for the Distinguished Service Award was approved by unanimous roll call vote.

I. GENERAL RECOMMENDATIONS (continued)

C. Naming of Building - Raney Commons

Upon the proposal of Mr. Frederick Stecker, Executive Director for University Relations, it is recommended that the commons facility to be erected in the north residence hall complex at 47 Curl Drive (temporary address 47 West Lane Avenue), now identified as Dining Facility - Northeast, be named "Raney Commons" in memory of Second Lieutenant Alice R. Raney, B.Sc. in Education, 1939, (Nursing), who died while serving in the Army Nurse Corps 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. Davis, seconded by Mr. Allyn, the Board of Trustees by a unanimous roll call vote approved the naming of the building located at 47 Curl Drive as "Raney Commons."

D. Naming of Building - Hitchcock Hall

Upon the proposal of Mr. Frederick Stecker, Executive Director for University Relations, after consultation with Dean Harold A. Bolz, College of Engineering, it is recommended that the new building being erected at 2070 Neil Avenue and presently identified as the Engineering Classroom and Laboratories Building be officially named "Hitchcock Hall" in memory of the late Professor Embury Asbury Hitchcock. Professor Hitchcock first joined the University's faculty in 1893 and served with distinction as Dean of the College of Engineering from 1920 to 1936.

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. France, seconded by Mr. Shocknessy, the Board of Trustees by a unanimous roll call vote approved the naming of the building at 2070 Neil Avenue as "Hitchcock Hall."

E. Revision of Operating Budget for The Ohio State University for the Fiscal Year 1965-66

It is recommended that the operating budget for The Ohio State University as approved by the Board of Trustees at its June 10, 1965 meeting be increased from \$11,825,700.00 to \$11,925,700.00 to provide funds for the purpose of remodeling and repairing space for additional faculty offices and classrooms. Dr. Gordon B. Carson, Vice President for Business and Finance, has certified that funds are available for the above-recommended increase from student fee reserves.

Upon motion of Mr. France, seconded by Mr. Shocknessy, the increase in the operating budget for The Ohio State University for the 1965-66 fiscal year was approved by unanimous roll call vote.

I. GENERAL RECOMMENDATIONS (continued)

F. Policy on Competitive Bidding

Pursuant to the enactment of Amended House Bill No. 307 and Amended Substitute House Bill No. 200 by the 106th General Assembly of Ohio, it is hereby recommended that the Board of Trustees adopt the following principles established in this legislation and extend the language to apply to all funds administered by The Ohio State University:

1. If any order or invoice drawn against any University account is for labor, services (except services of architects, engineers, and consultants), and materials furnished, the aggregate amount of which exceeds ten thousand dollars (\$10,000) or for commodities purchased, at a cost in excess of two thousand dollars (\$2,000), it shall show that the same was furnished or purchased pursuant to competitive bidding and the lowest or best bidder was awarded the contract, unless the Board of Trustees shall have authorized the furnishing of such labor, services, or material or the purchase of such commodities without competitive bidding, provided, however, that the Board of Trustees shall authorize the furnishing of such labor, services, or material or the purchase of such commodities only after it has determined that an emergency exists requiring such action.
2. Whenever in the judgment of the responsible officers of the University, it seems desirable and in the interest of economy to construct or repair any building or make any other improvement by force account, plans, specifications, bills of material and estimates of cost, approved by the director of the department of public works shall be submitted to the Board of Trustees for approval and filed with the Auditor of the State.
3. The Board of Trustees may upon similar application in cases of emergency or when the interests of the University require, permit the advertisement for bids to be published once, not more than ten days or less than eight days preceding the day of the opening of the bids.

Upon motion of Mr. Davis, seconded by Mr. Bricker, 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 July 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 Appointments, Changes in Administrative Responsibilities, Leaves of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Titles:

A. Appointments

College of Agriculture and Home Economics

Leonard D. Baver, Professor, Department of Agronomy, and Group Leader of the Agency for International Development Contract Program at the Udaipur Agricultural University, Rajasthan, India, effective August 16, 1965, at a salary of \$25,068.00 per annum.

College of Arts and Sciences

Ernest W. Bowerman, Professor and Vice Chairman, Department of Chemistry, effective July 1, 1965, at a salary of \$18,168.00 per annum.

College of Commerce and Administration

Thomas R. Williams, Professor, Department of Sociology and Anthropology, effective October 1, 1965, at a salary of \$15,168.00 per annum.

College of Education

Oscar Lee Rigsby, Professor and Director, School of Music, effective January 1, 1966, at a salary of \$19,368.00 per annum.

College of Law

Albert M. Kuhfeld, Associate Dean, College of Law, effective September 15, 1965, at a salary of \$15,168.00 per annum.

Richard S. Miller, Professor, College of Law, effective October 1, 1965, at a salary of \$16,368.00 per annum.

Joanne Wharton, Assistant Dean, College of Law, effective August 9, 1965, at a salary of \$10,068.00 per annum.

Office of Educational Services

Bruce C. Harding, University Archivist, Office of Educational Services, effective September 1, 1965, at a salary of \$11,268.00 per annum.

II. PERSONNEL CHANGES (continued)

B. Changes in Administrative Responsibilities

College of Arts and Sciences

Colin B. B. Bull from Associate Professor to Professor, Department of Geology, and Director of the Institute of Polar Studies, effective October 1, 1965, at a salary of \$16,668.00 per annum.

College of Education

William B. McBride from Professor in the School of Music and Coordinator of Field Studies and Services in the College of Education to Assistant Dean, Field Relations, in the College of Education, effective October 1, 1965, at a salary of \$16,872.00 per annum. He will continue to hold the rank of Professor in the School of Music.

Office of Business and Finance

Hollie W. Shupe from Professor, Department of Engineering Drawing, to University Architect, effective October 1, 1965, at a salary of \$17,964.00 per annum. He will continue to hold the rank of Professor in the Department of Engineering Drawing.

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 Leave of Absence With Salary from the Cooperative Extension Service for the period indicated:

Lewis C. Saboe, Professor (Extension Agronomist), September 1, 1965 through January 15, 1966, to participate in a program of professional improvement at Mississippi State University.

Seifrid P. Bruny, Assistant Professor (District Program Leader, 4-H), October 1, 1965 through April 30, 1966, to participate in a program of professional improvement at The Ohio State University.

Roy F. Emerson, Instructor (County Extension Agent, 4-H) Lake County, October 1, 1965 through December 15, 1965, to participate in a program of professional improvement at The Ohio State University.

Richard B. Farison, Instructor (County Extension Agent, Agriculture) Wood County, October 1, 1965 through December 15, 1965, to participate in a program of professional improvement at The Ohio State University.

September 14, 1965 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Leaves of Absence With Salary (continued)

Harry L. Freeman, Instructor (County Extension Agent, Agriculture) Hancock County, October 1, 1965 through December 15, 1965, to participate in a program of professional improvement at The Ohio State University.

William C. Kleman, Instructor (County Extension Agent, Agriculture) Crawford County, October 1, 1965 through December 15, 1965, to participate in a program of professional improvement at The Ohio State University.

Harold D. McBurney, Instructor (County Extension Agent, 4-H) Ashland County, October 1, 1965 through December 15, 1965, to participate in a program of professional improvement at The Ohio State University.

Donald K. Myers, Instructor (County Extension Agent, Agriculture), October 1, 1965 through January 31, 1966, to participate in a program of professional improvement at The Ohio State University.

G. Howard Phillips, Instructor (Leader, Resource Development), October 1, 1965 through December 15, 1965, to participate in a program of professional improvement at The Ohio State University.

Howard R. Showalter, Instructor (County Extension Agent, Agriculture) Carroll County, October 1, 1965 through March 15, 1966, to participate in a program of professional improvement at The Ohio State University.

Richard W. Skinner, Instructor (Extension Specialist, Food Distribution), October 1, 1965 through December 15, 1965, to participate in a program of professional improvement at The Ohio State University.

William P. Smith, Instructor (County Extension Agent, Agriculture), October 1, 1965 through December 31, 1965, to participate in a program of professional improvement at The Ohio State University.

Richard B. Stahl, Instructor (County Extension Agent, 4-H) Allen County, October 1, 1965 through December 15, 1965, to participate in a program of professional improvement at The Ohio State University.

Gerald D. Stanley, Instructor (County Extension Agent, 4-H) Stark County, October 1, 1965 through December 31, 1965, to participate in a program of professional improvement at Purdue University.

September 14, 1965 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Leaves of Absence With Salary (continued)

Allen L. Ulrich, Instructor (County Extension Agent, 4-H) Lorain County, October 1, 1965 through December 15, 1965, to participate in a program of professional improvement at The Ohio State University.

D. Leaves of Absence Without Salary

William H. Johnson, Professor, Agricultural Engineering, October 15, 1965 through December 15, 1965, to serve as adviser to the Dean of the College of Agricultural Engineering at Punjab Agricultural University, Ludhiana, India, on the Ford Foundation Project.

Ting Y. Li, Professor, Aeronautical and Astronautical Engineering, August 1, 1965 through August 31, 1965, to be employed at Rand Company.

Francis W. Niedenfuhr, Professor, Engineering Mechanics, October 1, 1965 through September 30, 1966, to continue work at the Institute for Defense Analysis, Washington, D. C.

I. Keith Tyler, Professor, School of Education, July 1, 1965 through September 30, 1965, to continue consultant work in the United Arab Republic Project for combating illiteracy via television.

Jack H. Prince, Associate Professor, Institute for Research in Vision, September 1, 1965 through June 30, 1966, to study under a research grant at the University of Sydney, Sydney, Australia.

Jacoba C. deNeef, Assistant Professor, Obstetrics and Gynecology, September 1, 1965 through August 31, 1966, to teach and do research at Dijkzigt Hospital, Rotterdam, The Netherlands.

Robert M. Nerem, Assistant Professor, Aeronautical and Astronautical Engineering, August 1, 1965 through August 31, 1965, to be employed at North American Aviation, Los Angeles, California.

G. Wayne Burkhart, Instructor (County Extension Agent, Agriculture), Cooperative Extension Service, October 1, 1965 through September 30, 1966, to participate in a program of professional improvement at The Ohio State University.

September 14, 1965 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

Robert J. Fleming, Instructor (County Extension Agent, 4-H) Madison County, Cooperative Extension Service, October 1, 1965 through December 15, 1965, to participate in a program of professional improvement at The Ohio State University.

Margaret Goode, Instructor, School of Nursing, July 1, 1965 through September 30, 1965, due to ill health.

Charles H. O'Brien, Instructor, History, October 1, 1965 through September 30, 1966, to teach at Skidmore College, Saratoga Springs, New York.

Irene Romanko, Instructor, School of Nursing, July 6, 1965 through September 26, 1965, to travel in Europe.

Melvin I. Urofsky, Instructor, History, October 1, 1965 through December 31, 1965, to do research under a Mershon research grant.

E. Emeritus Titles

Frank G. Davis, Engineering Drawing, with the title Instructor Emeritus, effective September 1, 1965.

Floyd Henderson, Cooperative Extension Service, with the title Instructor (County Extension Agent, Agriculture) Emeritus, effective September 1, 1965.

Upon motion of Mr. France, seconded by Mr. Davis, the Appointments, Changes in Administrative Responsibilities, 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.

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. 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. #24 and Mod. #25 - Engineering Experiment Station).
Gross Value - \$78,000.00.
- b. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for Physical-Chemical Studies of Muscle (to be known as National Institutes of Health Project No. 874 - Ext. #7 - Department of Physiology).
Gross Value - \$15,684.00.
- c. Department of Health, Education, and Welfare, 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. #6 - Department of Pathology).
Gross Value - \$22,258.00.
- d. Department of Health, Education, and Welfare, 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. #4 - College of Pharmacy).
Gross Value - \$7,770.00.
- e. 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 - C. O. #8 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$41,816.00.
- f. 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. #5 - Department of Electrical Engineering).
Gross Value - \$16,998.00.
- g. Department of Health, Education, and Welfare, 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. #3 - Department of Agricultural Biochemistry).
Gross Value - \$20,917.00.

September 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)

- h. Electronic Systems Division, Laurence G. Hanscom Field, Bedford, Massachusetts, to Perform Research on the Spectroscopy of the Far Infrared Region (to be known as Electronic Systems Division Project No. 1577 - Mod. #5 - Department of Physics).
Gross Value - \$25,000.00.
- i. Air Force Institute of Technology, Air University, USAF, Wright-Patterson Air Force Base, Ohio, for Teaching Services for Air Force Military Personnel at Ellsworth Air Force Base, South Dakota (to be known as Air Force Institute of Technology Project No. 1600-B - Sup. #10 - Defense Management Center).
Gross Value - \$188,179.00.
- j. Electronic Systems Division, 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 - Sup. #5 - Department of Geodetic Science).
Gross Value - \$20,000.00.
- k. Electronic Systems Division, Laurence G. Hanscom Field, Bedford, Massachusetts, to Perform Research on the High Resolution Infrared Spectroscopy of Molecules (to be known as Electronic Systems Division Project No. 1619 - Mod. #4 - Department of Physics).
Gross Value - \$20,000.00.
- l. National Science Foundation, Washington, D. C., for Ecology and Floristic Investigations of Antarctic Lichens (to be known as National Science Foundation Project No. 1671 - Amend. #1 - Institute of Polar Studies).
Gross Value - \$4,700.00.
- m. 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-A - Mod. #2 - Department of Metallurgical Engineering).
Gross Value - \$310,000.00.
- n. U. S. Army Biological Laboratories, Fort Detrick, Frederick, Maryland, for Investigations of the Nutritional Requirements for the Growth of Insect Tissues (to be known as U. S. Army Biological Laboratories Project No. 1684 - Mod. #4 - Department of Zoology and Entomology).
Gross Value - \$8,000.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- o. Department of Health, Education, and Welfare, 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. #2 - Departments of Medicine and Microbiology).
Gross Value - \$26,347.00.
- p. Department of Health, Education, and Welfare, 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. #2 - Department of Psychiatry).
Gross Value - \$30,051.00.
- q. Electronic Systems Division, Laurence G. Hanscom Field, Bedford, Massachusetts, for Research Directed Toward Determination of Radiative Properties and Composition of the Atmosphere (to be known as Electronic Systems Division Project No. 1758 - Mod. #3 - Department of Physics).
Gross Value - \$20,000.00.
- r. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for General Research Support Program (to be known as National Institutes of Health Project No. 1775 - Revised Award 6/28/65 - College of Dentistry).
Gross Value - \$15,561.00.
- s. 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. #4 and C. O. #5 - RF Internal Supervision).
Gross Value - \$280,000.00.
- t. Department of Health, Education, and Welfare, 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 - Ext. #1 - Department of Microbiology).
Gross Value - \$18,036.00.
- u. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Receptive Fields of the Mesencephalon (to be known as National Institutes of Health Project No. 1881 - Sup. #1 - School of Optometry).
Gross Value - \$1,780.00.

September 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)

- v. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Neuro-endocrine Mechanisms Controlling Organ Perfusion (to be known as National Institutes of Health Project No. 1882 - Ext. #1 - Department of Psychiatry).
Gross Value - \$14,620.00.
- w. Electronic Systems Division, 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 - Mod. #1 - Department of Physics).
Gross Value - \$19,989.00.
- x. 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 - Sup. #5 and Sup. #6 - Defense Management Center).
Gross Value - \$10,976.95.
- y. 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 - Sup. #1 - Department of Metallurgical Engineering).
Gross Value - \$30,000.00.
- z. 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 - Sup. #1 - Department of Electrical Engineering).
Gross Value - \$25,000.00.
- aa. 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" Persons and of Younger Men (to be known as Office of Manpower, Automation and Training Project No. 2007 - New - Department of Economics).
Gross Value - \$144,512.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- bb. Air Force Institute of Technology, Air University, USAF, Wright-Patterson Air Force Base, Ohio, for Research and Services to Revise and Present Courses of Instruction in the School of Systems and Logistics and in Executive Engineering for the Civil Engineering Center (to be known as Air Force Institute of Technology Project No. 2043 - New - Defense Management Center).
Gross Value - \$769,244.00.
- cc. Air Force Institute of Technology, Air University, USAF, Wright-Patterson Air Force Base, Ohio, for Research, Development and Teaching of Weapon Systems Management for the DWSMC, AFIT (to be known as Air Force Institute of Technology Project No. 2044 - New - Defense Management Center).
Gross Value - \$197,807.00.
- dd. National Aeronautics and Space Administration, Washington, D. C. , for an Investigation of Cardiovascular Responses to Environmental Vibrations (to be known as National Aeronautics and Space Administration Project No. 2045 - New - Department of Preventive Medicine).
Gross Value - \$55,170.00.
- ee. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for Spectroscopic Analysis of Plasma Flows (to be known as Systems Engineering Group, Research and Technology Division Project No. 2046 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$33,200.00.
- ff. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Tissue Culture of Human Bone Marrow (to be known as National Institutes of Health Project No. 2047 - New - Department of Medicine).
Gross Value - \$11,496.00.
- gg. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Hazards of Experimental Leukemia Research (to be known as National Institutes of Health Project No. 2049 - New - Department of Veterinary Pathology).
Gross Value - \$39,851.00.
- hh. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of the Role of Estrogen in the Endometrium (to be known as National Institutes of Health Project No. 2050 - New - Department of Obstetrics and Gynecology).
Gross Value - \$10,410.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- ii. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C., for Feasibility Study of a Primary Prevention Program for Coronary Heart Disease (to be known as Bureau of State Services Project No. 2051 - New - Department of Preventive Medicine).
Gross Value - \$29,274.00.
- jj. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for Human Response to Alaskan Earthquake (to be known as National Institutes of Health Project No. 2053 - New - Department of Sociology and Anthropology).
Gross Value - \$46,770.00.
- kk. Department of Army, Defense Supply Service - Washington, Washington, D. C., for Cytological Slides (to be known as Defense Supply Service - Washington Project No. 2055 - New - Department of Pathology).
Gross Value - \$116,547.00.
- ll. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for Role Conceptions of Pharmacists and Community Health (to be known as National Institutes of Health Project No. 2056 - New - College of Pharmacy).
Gross Value - \$9,251.00.
- mm. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., for A Study of Administrative Arrangements in Different Types of School Districts (to be known as Office of Education Project No. 2057 - New - School of Education).
Gross Value - \$5,431.00.
- nn. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Biology of the Heart (to be known as National Institutes of Health Project No. 2058 - New - Departments of Medicine and Veterinary Physiology and Pharmacology).
Gross Value - \$447,377.00.
- oo. Office of Civil Defense, Department of the Army, Washington, D. C., for a Study of the Latest Trends in the Design of Small Blast Shelters (to be known as Office of Civil Defense Project No. 2059 - New - Engineering Experiment Station).
Gross Value - \$19,990.00.

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, National Institutes of Health, Bethesda, Maryland, for an Investigation of Human Temporal Bone Pathology (to be known as National Institutes of Health Project No. 2060 - New - Department of Otolaryngology).
Gross Value - \$17,264.00.
- qq. Air Force Office of Scientific Research, Washington, D. C., for The Reinforcement Basis of Group Feedback Effects (to be known as Air Force Office of Scientific Research Project No. 2064 - New - Department of Psychology).
Gross Value - \$24,000.00.
- rr. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., for A Study of Development of Conservation of Quantity Theory (to be known as Office of Education Project No. 2067 - New - Department of Psychology).
Gross Value - \$8,990.00.
- ss. Department of Health, Education, and Welfare, Social Security Administration, Division of Research and Statistics, Baltimore, Maryland, for A Study in Congruency of Medical and Self Reporting of Disability (to be known as Social Security Administration, Division of Research and Statistics Project No. 2068 - New - Department of Physical Medicine).
Gross Value - \$8,203.00.
- tt. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Some Hydrolytic Enzymes in Brain and Brain Tumors (to be known as National Institutes of Health Project No. 2069 - New - Department of Medicine).
Gross Value - \$11,406.00.
- uu. Department of Health, Education, and Welfare, Welfare Administration, Children's Bureau, Washington, D. C., for Relationship of Maternal Health to Family Solidarity Among Low-Income Families in 23 Appalachian Counties (to be known as Welfare Administration, Children's Bureau Project No. 2072 - New - School of Home Economics).
Gross Value - \$28,231.00.
- vv. National Science Foundation, Washington, D. C., for an Investigation of Temperature Dependence of Mitochondrial Metabolism and Structure in Relation to Plant Distribution (to be known as National Science Foundation Project No. 2073 - New - Department of Botany and Plant Pathology).
Gross Value - \$20,100.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- ww. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for A Study of the Convective Heat Transfer and Arc Curvature on Cross-Flow (to be known as Systems Engineering Group, Research and Technology Division Project No. 2074 - New - Department of Mechanical Engineering).
Gross Value - \$17,000.00.
- xx. Air Force Office of Scientific Research, Washington, D. C. , for an Investigation of Rotating R-F Field Plasma (to be known as Air Force Office of Scientific Research Project No. 2075 - New - Department of Physics).
Gross Value - \$29,860.00.
- yy. Department of Health, Education, and Welfare, Office of Education Washington, D. C. , Degree of Dogmatism of College Students in Teacher Education (to be known as Office of Education Project No. 2077 - New - School of Education).
Gross Value - \$6,197.00.
- zz. National Science Foundation, Washington, D. C. , for Support of the Institute of Polar Studies, 1965-66 (to be known as National Science Foundation Project No. 2080 - New - Institute of Polar Studies).
Gross Value - \$18,600.00.

TOTAL - Government Contracts - Federal \$3,397,863.95

2. Government Contract - State

- a. State of Ohio, Department of Health, P. O. Box 118, 450 East Town Street, Columbus, Ohio, Newborn Care (to be known as State of Ohio, Department of Health Project No. 2052 - New - Department of Pediatrics).
Gross Value - \$60,000.00.

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. #17 - Engineering Experiment Station).
Gross Value - \$20,000.00.

September 14, 1965 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)

- b. Ohio Tuberculosis and Health Association, 1575 Neil Avenue, Columbus, Ohio, for an Investigation of Autoimmunization in Experimental Tuberculosis (to be known as Ohio Tuberculosis and Health Association Project No. 764 - Ext. #8 - Department of Microbiology). Gross Value - \$3,614.00.
- 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 - Checks Nos. C199644, C201415, C207595, C207267, and C224162 - Department of Surgery). Gross Value - \$5,477.55.
- d. American Heart Association, Inc., 44 East 23rd Street, New York, New York, for Heart Research (to be known as American Heart Association, Inc. Project No. 1694 - AHA Ltr. 7/5/65 - Department of Physiology). Gross Value - \$1,000.00.
- e. G. D. Searle & Co., P. O. Box 5110, Chicago, Illinois, for an Investigation of Metabolism of Enovid and SCII, 800 (to be known as G. D. Searle & Co. Project No. 1749 - Ext. #1 - Department of Obstetrics and Gynecology). Gross Value - \$5,000.00.
- f. Association for the Aid of Crippled Children, 345 East 46th Street, New York, New York, Predictive Value of the Infant Examination (to be known as Association for the Aid of Crippled Children Project No. 1859 - Ext. #1 - Department of Pediatrics, Children's Hospital). Gross Value - \$26,253.00.
- g. General Telephone and Electronics Laboratories, Inc., Bayside Laboratories, 208-20 Willets Point Boulevard, Bayside, New York, for A Television System for Display of X-Ray Diffraction Line Response to Discontinuities (to be known as General Telephone and Electronics Laboratories, Inc. Project No. 2048 - New - Department of Welding Engineering). Gross Value - \$32,348.00.
- h. The National Foundation - March of Dimes, 85 East Gay Street, Columbus, Ohio, Birth Defects Special Treatment Center (to be known as The National Foundation - March of Dimes Project No. 2054 - New - Department of Pediatrics, Children's Hospital). Gross Value - \$28,158.00.

September 14, 1965 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)

- i. The Petroleum Research Fund, ACS, 1155 Sixteenth Street, N. W. , Washington, D. C. , To Produce a Quantity of Hexahelicene (to be known as The Petroleum Research Fund Project No. 2061 - New - Department of Chemistry).
Gross Value - \$9,360.00.
- j. Kidney Foundation of Ohio, 422 Superior Building, Cleveland, Ohio, Regeneration and Repair of the Nephron (to be known as Kidney Foundation of Ohio Project No. 2062 - New - Department of Pathology).
Gross Value - \$11,467.00.
- k. The Petroleum Research Fund, ACS, 1155 Sixteenth Street, N. W. , Washington, D. C. , Conformational Analysis (to be known as The Petroleum Research Fund Project No. 2063 - New - Department of Chemistry).
Gross Value - \$13,800.00.
- l. The Procter and Gamble Co. , Division of Dental Research, 6000 Center Hill Road, Cincinnati, Ohio, Study of Dental Caries (to be known as The Procter and Gamble Co. Project No. 2065 - New - College of Dentistry).
Gross Value - \$47,000.00.
- m. The Procter and Gamble Co. , Division of Dental Research, 6000 Center Hill Road, Cincinnati, Ohio, Study of Dental Calculus (to be known as The Procter and Gamble Co. Project No. 2070 - New - College of Dentistry).
Gross Value - \$19,000.00.
- n. University of Cincinnati, Cincinnati, Ohio, Theoretical Studies of the Heat and Mass Transfer in Binary Boundary Flows at Very High Velocities (to be known as University of Cincinnati Project No. 2079 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$10,000.00.

TOTAL - Industrial and Other Contracts \$232,477.55

The foregoing sixty-seven contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$3,690,341.50.

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.

September 14, 1965 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

During the period from June 28, 1965 through August 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.

1. Government Research Contracts

SC-48 University Civil Defense Extension Program, Office of Civil Defense, Department of the Army, Washington, D. C.
Gross Value - \$65,300.00.

SC-49 Conduct of a Training Program for Waste and Wastewater Plant Operators, The Operator Training Committee of Ohio, Incorporated, City of Youngstown Waste Water Department, Youngstown, Ohio.
Gross Value - \$24,816.00.

TOTAL - Government Contracts \$90,116.00

2. Industrial Research Contracts

EES-253 Establishment of a Base for Comparison of Surfactant
Ext. #1 Removal by Activated Sludge, The Soap and Detergent Association, 295 Madison Avenue, New York, New York.
Gross Value - \$960.00.

EES-268 Evaluation of Effects of Enzyme Products on Overloaded Anaerobic Digestion, Rohm and Haas Company, Washington Square, Philadelphia, Pennsylvania.
Gross Value - \$4,440.00.

TOTAL - Industrial Research Contracts \$5,400.00

The foregoing four contracts for research in the Engineering Experiment Station represent a gross income of \$95,516.00.

C. 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 1965-66 and that the contracts for teacher-training and special services in the following areas be approved:

September 14, 1965 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

Vocational Home Economics
Vocational Agriculture
Trade and Industrial Education
Distributive Education
Business and Office 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. Allyn, seconded by Mr. Bricker, the above recommendations were approved by unanimous roll call vote.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University are among those received since July 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. \$211,779.00 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, 1965 through December 31, 1965. (Grant 5 S01 FR-5409-04)
2. \$157,577.00 granted by the Department of Health, Education, and Welfare, Vocational Rehabilitation Administration, Washington, D. C. 20201, to the University for "Teaching Grant and Traineeships in Rehabilitation Medicine," under the direction of Dr. Ernest W. Johnson, Department of Physical Medicine, for the period September 1, 1965 through August 31, 1966. (Grant VRA 151-T-66)
3. \$116,592.00 granted by the National Science Foundation, Washington, D. C. 20550, to the University for "Institutional Grants for Science, 1965." (GU-1426)
4. \$63,647.00 granted by the Department of Health, Education, and Welfare, Vocational Rehabilitation Administration, Washington, D. C. 20201, to the University for "Teaching Grant and Traineeships in Speech Pathology and Audiology," under the direction of Dr. Bernard B. Schlanger, Department of Speech, for the period September 1, 1965 through August 31, 1966. (Grant VRA-222-T-66)

September 14, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

5. \$38,476.00 granted by the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Training Grant - Ophthalmology," under the direction of Dr. Torrence A. Makley, Jr., Department of Ophthalmology, for the period July 1, 1965 through June 30, 1966. (Grant 1 T1 NB 5461-01A1)
6. \$38,232.00 granted by the Department of Health, Education, and Welfare, Vocational Rehabilitation Administration, Washington, D. C. 20201, to the University for "Teaching Grant and Traineeships - Sociology," under the direction of Dr. Saad Z. Nagi, Department of Sociology and Anthropology, for the period September 1, 1965 through August 31, 1966. (Grant VRA-473-T-66)
7. \$28,975.00 granted by the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Neurology Training Grant," under the direction of Dr. J. Norman Allen, Department of Medicine, for the period July 1, 1965 through June 30, 1966. (Grant 1 T8 NB 10,031-01)
8. \$15,599.00 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, 1965 through December 31, 1965. (Grant 5 S01 FR-05463-03)
9. \$8,300.00 granted by the National Science Foundation, Washington, D. C. 20550, to the University for "Alteration and Renovation of Plant Taxonomy Laboratories in the Botany and Zoology Building." (GU-1536)

TOTAL - Through the Office of Business and Finance \$679,177.00

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 Scholarship Fund - Music and \$25,000.00 for the Gertrude S. Woodin Scholarship Fund - Engineering.
2. \$29,875.00 from Mrs. Orval H. Menke, 321 West Franklin Street, Troy, Ohio--\$5,000.00 for the establishment of the Orval H. Menke Memorial Scholarship Fund and \$24,875.00 for the Orval H. Menke Memorial Fund.

Orval H. Menke Memorial Scholarship Fund

The Orval H. Menke Memorial Scholarship Fund was established August 23, 1965, by a gift through the Development Fund from Nell W. Menke, widow of Orval H. Menke, M. E. -E. E. '12, in his memory.

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

2. Orval H. Menke Memorial Scholarship Fund (continued)

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 Department of Welding Engineering.

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 as recommended by the Chairman of the Department of Welding Engineering and his staff; or in the event of a reorganization of colleges and departments within the University, as recommended by the appropriate administrative official of the University then directly responsible for welding engineering education at The Ohio State University.

Orval H. Menke Memorial Fund

The Orval H. Menke Memorial Fund was established August 23, 1965, by a gift through the Development Fund from Nell W. Menke, widow of Orval H. Menke, M. E. -E. E. '12, 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 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 and expended in the same manner as provided for the use of the income.

In the use of income and/or principal, first preference would be for financial assistance to undergraduate students of high scholastic standing, but this is not obligatory.

3. \$21, 250. 00 from Virginia Kelsey Jones (Mrs. Frederick E.) for research in medicine.
4. \$20, 000. 00 from Samuel M. Melton for support of the "Samuel and Esther Melton Professorship of Jewish History and Studies."
5. \$13, 500. 00 from the Estate of Jeanette G. Murphy for the establishment of the Jeanette G. Murphy Memorial Fund.

Jeanette G. Murphy Memorial Fund

The Jeanette G. Murphy Memorial Fund was established July 26, 1965, by a bequest to the Development Fund from Jeanette G. Murphy, B.Sc. in Agriculture '27.

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

5. Jeanette G. Murphy Memorial Fund (continued)

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

The income is to be 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 and expended in the same manner as provided for the use of income.

6. \$8,793.50 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund.
7. \$8,400.00 from The International Nickel Company, Inc., New York, New York, for fellowships in metallurgical engineering.
8. \$7,000.00 from The General Foods Fund, Inc., New York, New York, for fellowships in the School of Home Economics.
9. \$4,987.50 from Edgar Dale for the Field Enterprises Educational Corporation Fund.
10. \$4,400.00 from North Central Breeders Research Council, Shawano, Wisconsin, for research on cattle.
11. \$3,700.00 from The Dow Chemical Company--\$2,500.00 for The Dow Chemical Company Scholarship Fund in Chemical Engineering and \$1,200.00 for The Dow Chemical Company Scholarship and Fellowship Fund in Chemistry.
12. \$3,595.00 from Union Carbide Corporation for the Union Carbide Corporation Fellowship in Chemical Engineering.
13. \$3,562.50 from the Mark L. Morris Animal Foundation for the Mark L. Morris Animal Foundation in the College of Veterinary Medicine.
14. \$3,500.00 from Foundation in Refractories Education, Pittsburgh, Pennsylvania, for the purchase of equipment and support of a graduate fellowship in the Department of Ceramic Engineering.
15. \$3,500.00 from Henry M. O'Neill, Sr. for the Student Athlete Grant-in-Aid Fund.
16. \$3,500.00 from The Rockefeller Foundation as an unrestricted gift to the University.
17. \$3,100.00 from the Stauffer Chemical Company Foundation for the Stauffer Chemical Company Fellowship in Chemistry.

September 14, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

18. \$3,000.00 from the Alfred P. Sloan Foundation for the Sloan Foundation Scholarship Fund.
19. \$3,000.00 from Owens-Illinois Glass Company, Toledo, Ohio, for scholarships.
20. \$2,800.00 from The Babcock & Wilcox Company for The Babcock & Wilcox Company Fund for Engineering.
21. \$2,500.00 from The Kent Foundation for the Jacob B. Taylor Memorial Fund.
22. \$2,500.00 from Reynolds Metal Company for the School of Architecture Endowment Fund.
23. \$2,500.00 from The Columbus Dispatch given in behalf of Milton Caniff and to be used to establish the William A. Ireland Memorial Student Loan Fund for students in the School of Art.
24. \$2,500.00 from Sinclair Oil Corporation Foundation for the Sinclair Fellowship in Organic Chemistry.
25. \$2,500.00 from the United Fund of Saint Marys, Ohio, for cancer research.
26. \$2,500.00 from Ohio Lions Eye Research Foundation, Columbus, Ohio, for research in the School of Optometry.
27. \$2,472.59 from The Ohio Association of Garden Clubs, Inc. for the Victor H. Ries Fellowship Fund.
28. \$1,300.00 from Frederick W. LeVeque for Student Athlete Grant-in-Aid Fund.
29. \$1,250.00 from The Yassenoff Foundation, Inc. --\$500.00 for the College of Law Emergency Fund and \$750.00 for the College of Law Financial Aids Fund.
30. \$1,025.00 from the professional associates of Judge Joseph M. Harter for the establishment of the Judge Joseph M. Harter Memorial Award Fund.

Judge Joseph M. Harter Memorial Award Fund

The Judge Joseph M. Harter Memorial Award Fund was established June 25, 1965, by original gift to the Development Fund and later supplemented by contributions from other professional associates of the late Judge Harter. 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 annually to grant the Judge Joseph M. Harter Memorial Award to the student in the College of Law whom

September 14, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

30. Judge Joseph M. Harter Memorial Award Fund (continued)

the instructors in the course in Trial Practice deem to have achieved, for the year, the most outstanding record in that course.

A 1928 graduate of the College of Law, Judge Harter became a respected and revered member of the Ohio Bar. As a Columbus practicing lawyer, he was a leader in Bar activities and in legal reform; as a Judge of the Court of Common Pleas of Franklin County, he was noted for his legal acumen and judicial integrity. Intensely interested in legal education, his part-time teaching included summer appointments as Instructor in Trial Practice in the College of Law, of which he was a distinguished alumnus. The Award is created in recognition of this especial interest of a graduate of the College of Law who personified the best in legal advocacy, judging, and teaching.

Should the course in Trial Practice be discontinued, the Award herein created is to be given for such meritorious student achievement as the Faculty of the College of Law, on recommendation of the Dean, believes will most fittingly honor the memory of Judge Harter. Should the existing College of Law be altered in any reorganization of the instructional divisions of the University, the Board of Trustees or successor governing body of the University shall direct use of the income for academic objectives within the field of law as recommended by the administrative official of the University then directly responsible for legal education at The Ohio State University.

31. \$1,000.00 from William A. Hammond for the establishment of The William A. Hammond Lectureship Fund.

The William A. Hammond Lectureship Fund

The William A. Hammond Lectureship Fund was established July 26, 1965, by a gift through the Development Fund from William A. Hammond, M. A. '17 and Ph. D. '29.

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

The income is to be used to provide lectures, as often as funds will permit, on the American Tradition and to provide funds for dissemination of information about the lectures and publications thereof. The committee to select the lecturers and to recommend disbursements of income shall consist of the donor, Dr. William A. Hammond, the President of the University, the Chairman of the Board of Trustees, the Dean of the Graduate School, the President of The Ohio State University Association, the Chairman of the Board of Directors of The Ohio State University Development Fund, and two faculty members to be appointed by the President of the University.

September 14, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

32. \$1,000.00 from Joseph Skilken for the Joseph and Helen Skilken Foundation.
33. \$1,000.00 from Seward D. Schooler, Coshocton National Bank, Coshocton, Ohio, to be added to the Unrestricted Endowment Fund.
34. \$1,000.00 from Frederick W. R. Pride for purposes to be designated at a later date.
35. \$1,000.00 from Herbert W. Salter for the Herbert W. Salter Fund for Family Medical Care in the College of Medicine.

TOTAL - Received Through the Development Fund \$227,511.09

C. Gift-in-Kind

1. A gift of an oil portrait of Mr. Harry P. Drackett from Bolton S. Drackett, Charles M. Drackett, and Roger Drackett. This portrait is to be placed in the lobby of Drackett Tower.

Upon motion of Mr. France, seconded by Mr. Shocknessy, 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 July, 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	1,636	\$ 93,955.15
Individuals, other than alumni	44	23,269.19
Nonprofit organizations	23	93,404.21
Business concerns	<u>24</u>	<u>38,576.00</u>
	1,727	\$249,204.55

Of these gifts, 1,374 totaling \$12,219.90 were undesignated and 353 totaling \$236,984.65 were designated.

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V. APPROPRIATIONS AND TRANSFER OF FUNDS

A. Appropriations in Support of 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:

September 14, 1965 meeting, Board of Trustees

V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

A. Appropriations in Support of Research Projects (continued)

\$50,000.00 to be combined with a sum of \$25,000.00 from the Computer Center service earnings to purchase an analog-to-digital converter for the Computer Center	Subaccount (f)
\$38,000.00 to the Department of Chemistry for remodeling the first and second floors of the War Research Building	Subaccount (b)
\$25,000.00 for support of research in the Van de Graaff Laboratory	Subaccount (b)
\$20,000.00 for research in the area of the theater arts	Subaccount (c)
\$15,000.00 for preparation of the site for the "Baseline" Project for the Department of Geodetic Science	Subaccount (f)
\$15,000.00 to the Department of Chemistry for the purchase of research equipment	Subaccount (a)
\$8,300.00 to be combined with a grant of \$8,300.00 from the National Science Foundation for renovating a research laboratory in the Department of Botany and Plant Pathology	Subaccount (f)

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

B. Grants-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 the University Treasurer Research Subaccount (d) during the 1965-66 fiscal year to be used for research fellowships and grants-in-aid in support of research for the 1966-67 fiscal year.

Upon motion of Mr. Allyn, seconded by Mr. France, the allocation of \$300,000.00 for the purpose recommended above was approved by unanimous roll call vote.

C. The Ohio State University Development Fund Budget for 1965-66

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, 1966, and that an operating budget in the amount of \$157,729.00 be approved. The budget amount will be provided as follows:

September 14, 1965 meeting, Board of Trustees

V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

C. The Ohio State University Development Fund Budget for 1965-66 (continued)

University Allocation	\$ 85,000.00
Cumulative Interest on Development Fund Investments	<u>72,729.00</u>
	\$157,729.00

Upon motion of Mr. Davis, seconded by Mr. France, the above recommendation for allocation of funds was approved by unanimous roll call vote with Mr. Carlton S. Dargusch, Sr. abstaining.

* * *

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. Repairs to Plaza and Sidewalk Along the South Side of the Administration Building

It is recommended that 1650 sq. ft. of sub-base be replaced. The deterioration was not apparent before the project began.

Add \$ 825.00

Funds are available in Budget Account 121658 for this work.

B. North Commons

It is recommended that a Snack Bar be provided in the basement of this project to serve the 1,800 students who will use North Commons and other students in the North Dormitory area. This work will include the relocation of a Staff Locker Room and Toilet Room and other related revisions.

General Contract	Add	\$12,890.00	
Electrical Contract	Add	8,362.00	
Plumbing Contract	Add	5,708.00	
Heating, Ventilating, and Air Conditioning Contract	Add	<u>5,963.00</u>	
			Add \$ <u>33,423.00</u>

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

September 14, 1965 meeting, Board of Trustees

VI. EXTRA ORDERS TO CONTRACTS (continued)

C. Antenna Laboratory Control Facility at Saucer Laboratory

General Contract

It is recommended that roof shielding and wall shielding be provided as in Alternates G-3 and G-4 except as follows:

1. Make shielding continuous over the tops and ends of all partitions and provide for future attachment of shielding on the Transmitter Room side of Transmitter Room walls.
2. Reduce the number of grounding rods from 15 to 4.

Add \$ 5,241.00

Funds are provided for this extra order in Budget Account 521947.

D. Garage

Utilities Contract

It is recommended that the following changes be made:

1. To avoid conflict with two existing water lines, lower the grade of the 18" sanitary sewer a depth of 2 ft. at the outlet and 4.4 ft. at the inlet.
2. Connect an existing 8" sanitary sewer serving part of Buckeye Village to a manhole on the new 18" sanitary sewer.

Add \$ 2,232.62

Funds are provided for this extra order from the University Treasurer General Fund.

E. Installation of New Heating Boiler to Carry Medical Center Load

Mechanical Contract

It is recommended that additional excavation be provided and a new concrete pad for fuel oil tank be installed. Add \$1,524.00.

VI. EXTRA ORDERS TO CONTRACTS (continued)

E. Installation of New Heating Boiler to Carry Medical Center Load (continued)

General Contract

It is recommended that changes to the structure supports for the boiler be made in accordance with Revision #1 on the engineer's drawing #9. Add \$2,312.00.

Add \$ 3,836.00

Funds for these extra orders will be provided from H. B. 949 or other authorized sources.

F. Pharmacy Building

It is recommended that 149 bowl sinks and 449 cup sinks for the laboratory equipment be furnished and installed.

Laboratory Equipment Contract \$ 597.00
Plumbing Contract 8,533.00

Add \$ 9,130.00

Funds will be provided for this extra order from Budget Account 801048.

G. Modernization of Orton Hall and Mendenhall Laboratory

Plumbing Contract

It is recommended that the following changes be made:

1. Provide a submersible sump pump in the elevator equipment room complete with all necessary connections, valves, and discharge lines.
2. Provide a 4" C.1 connection for downspout at elevator shaft with connection to storm sewer.

Add \$ 690.00

Funds for this extra order will be provided from H. B. 949 or other authorized sources.

VII. PLANS AND SPECIFICATIONS (continued)

D. Masonry Repairs

The original contract for this work was defaulted and therefore it is necessary to advertise for a contract for the remaining work.

Funds will be provided for this project from the balance on the encumbrance for the defaulted contract and the contractor's bonding company.

E. North Dormitory Area Site Improvement - West Portion

This project will complete the site work of the North Dormitory complex which is not under contract with existing buildings.

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

F. University Hospital - Repairs to Intensive Care Unit

This project proposes to remodel two rooms to provide special nursing care to critically ill patients.

Funds for this project will be provided from University Hospital Rotary.

G. University Hospital - Repairs to Operating Rooms

This project will rehabilitate four major surgical operating rooms, the intervening corridor, and adjacent scrub and substerile rooms.

Funds for this project will be provided from University Hospital Rotary.

H. Repairs to Married Student Housing Community Building

This project will repair the exterior walls, the porch and entrance, and windows of this building.

Funds will be provided for this project from Budget Account 920600.

I. Repairs to Plumbing in Upham Hall

Modernization of facilities to provide better sanitation, more privacy, and modern appearance.

Funds will be provided from the University Hospital Rotary.

J. Repairs and Improvements to Student Services Building

This project provides additional offices, waiting rooms, and laboratories for increased student load.

Funds for this project will be provided from Budget Account 162295.

September 14, 1965 meeting, Board of Trustees

VII. PLANS AND SPECIFICATIONS (continued)

K. Baseline Project for Geodetic Science

This project consists of a graded strip 100 ft. wide and 2,000 ft. long on which seven concrete piers for mounting precision measuring equipment will be constructed.

Funds for this project will be provided from the University Treasurer Research Account, Budget Account 170202 and Budget Account 129020.

L. Plumb Hall - Alterations for Computer Area

This project will provide adequate facilities for additional computer equipment.

Funds for this project will be provided from Budget Account 956281.

Upon motion of Mr. Bricker, 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. Roof Repairs

	<u>Low Bid</u>	<u>Est. of Cost</u>
(4 bids received 7-12-65)		
Bruce Johnson Roofing Company (Cols.)	\$ 26,637.00	\$ 29,500.00

Funds for this project will be provided from the Maintenance Account in H. B. 200.

B. Repairs to Exterior Masonry

	<u>Low Bid</u>	<u>Est. of Cost</u>
(5 bids received 7-12-65)		
Charbetz Company (Columbus)	\$ 95,987.00	\$ 101,273.00

Funds for this project will be provided from the Maintenance Account in H. B. 200, Dormitory Maintenance Rotary and University Hospital Maintenance Rotary.

September 14, 1965 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

C. Exterior Painting

	<u>Low Bid</u>	<u>Est. of Cost</u>
(4 bids received 7-12-65)		
Harold F. Mollenauer Co. (Columbus)	\$ 8,270.00	\$ 10,875.00

Funds for this project will be provided from the Maintenance Account in H. B. 200.

D. Sidewalk Repairs

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received 7-12-65)		
Savage Blacktop Co. (Columbus)		
General Contract	\$ 31,265.00	\$ 40,000.00
Alt. 1	2,224.00	1,200.00
Alt. 2	2,541.00	2,500.00
Total Contract	<u>\$ 36,030.00</u>	<u>\$ 43,700.00</u>

Funds for this project will be provided from the Maintenance Account in H. B. 200.

E. Sidewalk Repairs at Eleventh Avenue and High Street

	<u>Low Bid</u>	<u>Est. of Cost</u>
(4 bids received 7-12-65)		
Pendleton Construction Co. (Columbus)	\$ 4,960.00	\$ 6,000.00

Funds for this project will be provided from the Maintenance Account in H. B. 200.

F. Upham Hall - Repairs to Auditorium

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(2 bids received 7-20-65)		
A. L. Meyer Construction Co. (Cols.)	\$ 4,184.00	\$ 6,600.00
<u>Electrical Contract</u>		
(3 bids received 7-20-65)		
Superior Elec. Engr. Co. (Columbus)	5,553.00	7,400.00
Total Contracts	<u>\$ 9,737.00</u>	<u>\$ 14,000.00</u>

Funds for this project are provided from the University Hospital Rotary.

G. Physiological and Experimental Psychology Laboratory (Readvertised)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(2 bids received 8-3-65)		
Pendleton Construction Co. (Columbus)	\$ 25,370.00	\$ 26,500.00

VIII. REPORT OF AWARD OF CONTRACTS (continued)

G. Physiological and Experimental Psychology Laboratory (Readvertised)
(continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating and Ventilating Contract</u>		
(1 bid received 8-3-65)		
Perry's Heating Co., Inc. (Columbus)		
Base Bid	\$ 11,586.00	\$ 12,000.00
Alt. HV-1 Air Conditioning Piping	525.00	750.00
Total Contract	<u>\$ 12,111.00</u>	<u>\$ 12,750.00</u>
<u>Plumbing Contract</u>		
(1 bid received 8-3-65)		
Perry's Heating Co., Inc. (Columbus)		
	\$ 4,998.00	\$ 6,000.00
<u>Electrical Contract</u>		
(2 bids received 8-3-65)		
Mid-City Electric Co. (Columbus)		
	\$ 4,500.00	\$ 6,000.00
Total All Contracts	<u>\$ 46,979.00</u>	<u>\$ 51,250.00</u>

Funds for this project are provided in Budget Accounts 801043 and 801044.

H. Street and Parking Area Repairs

	<u>Low Bid</u>	<u>Est. of Cost</u>
(1 bid received 7-12-65)		
Max J. Zeller (Columbus)		
Base Bid	\$ 38,951.56	\$ 40,000.00
Alt. #1	26,429.85	27,000.00
Alt. #2	8,550.00	10,000.00
Total Contract	<u>\$ 73,931.41</u>	<u>\$ 77,000.00</u>

Funds will be provided from the Maintenance Account in H. B. 200 for this project.

I. Raney Commons

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(5 bids received 8-20-65)		
Garwick & Ross, Inc. (Columbus)		
Base Bid	\$383,700.00	\$ 425,000.00
Alt. G-1 Site Improvement	29,500.00	20,000.00
Alt. G-2 Snack Bar and Revision	8,600.00	13,000.00
Total Contract	<u>\$421,800.00</u>	<u>\$ 458,000.00</u>

September 14, 1965 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

I. Raney Commons (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating and Ventilating Contract</u>		
(4 bids received 8-20-65)		
Julian Speer Co. (Columbus)		
Base Bid	\$206,300.00	\$ 230,000.00
Alt. HV-1 Hot Water Heater Connection	1,200.00	700.00
Alt. HV-2 Snack Bar and Revision	3,700.00	6,500.00
Total Contract	<u>\$211,200.00</u>	<u>\$ 237,200.00</u>
 <u>Plumbing Contract</u>		
(5 bids received 8-20-65)		
J. A. Guy, Inc. (Dublin, Ohio)		
Base Bid	\$ 77,700.00	\$ 80,000.00
Alt. P-1 Water Softener	2,400.00	4,000.00
Alt. P-2 Hot Water Storage Heater	7,000.00	9,000.00
Alt. P-3 Piping for Kettle Water Meter	300.00	600.00
Alt. P-4 Snack Bar and Revision	700.00	6,500.00
Total Contract	<u>\$ 88,100.00</u>	<u>\$ 100,100.00</u>
 <u>Electrical Contract</u>		
(5 bids received 8-20-65)		
Mid-City Electric Co. (Columbus)		
Base Bid	\$ 88,200.00	\$ 105,000.00
Alt. E-1 Yard Lighting	1,990.00	3,000.00
Alt. E-2 Emergency Generator	4,300.00	6,300.00
Alt. E-3 Water Softener	50.00	300.00
Alt. E-4 Hot Water Heater and Pump	62.00	500.00
Alt. E-5 Snack Bar and Revision	2,420.00	10,000.00
Total Contract	<u>\$ 97,022.00</u>	<u>\$ 125,100.00</u>
 <u>Kitchen Equipment Contract</u>		
(2 bids received 9-3-65)		
Great Lakes Hotel Supply Co. (Detroit, Michigan)		
Base Bid	\$167,995.00	\$ 180,000.00
Alt. KE-2 Kettle Water Meter	+ 340.00	+ 500.00
Alt. KE-3 Lowerators	- 1,269.00	+ or -
Alt. KE-4 Snack Bar Equipment	+ 12,044.00	+ 16,000.00
Total Contract	<u>\$179,110.00</u>	<u>\$ 196,500.00</u>
 Total All Contracts	 <u>\$997,232.00</u>	 <u>\$1,116,900.00</u>

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

J. Gas Line and Water Line Extensions for Northeast Corner of Campus

Bids were received on April 29, 1965, for this project. Only one bid was received at this time and it was over the estimate of cost. The estimate was revised and the contract readvertised with bids to be received on May 10. No bids were received at this time. Consequently, negotiations began for quotations from contractors presently working on the campus with the following results:

VIII. REPORT OF AWARD OF CONTRACTS (continued)

J. Gas Line and Water Line Extensions for Northeast Corner of Campus
(continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u> (1 bid received 5-13-65) Tibbetts Plumbing and Heating Co. (Dayton)	\$ 18,200.00	\$ 18,500.00

Funds for this project are provided in Item 030, S. B. 370.

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

* * *

IX. CONTROLLING BOARD APPROVALS

Each numbered approval shown below accomplishes the following purpose:

- 193 Approves the transfer of \$240,000.00 from Item 315-007 to Item 315-010 and the release of \$361,042.00 in Item 315-010 to provide funds for the award of contracts and miscellaneous costs on the project "Chemistry Research Facilities."
- 1 Approves the purchase of property and buildings located at 138 West Ninth Avenue, Columbus, Ohio.
- 2 Approves the purchase of property and buildings located at 188 West Tenth Avenue, Columbus, Ohio.
- 3 Approves the purchase of property and buildings located at 162 West Tenth Avenue, Columbus, Ohio.
- 4 Approves the purchase of 40 lots in the area bounded by Lane Avenue on the north, High Street on the east, Woodruff Avenue on the south, and Tuttle Park Place on the west.

* * *

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Sewer Easement - City of Columbus

The City of Columbus has requested a 20-foot easement for construction of the Oakland Avenue Storm Relief Sewer across lands held in the Investment Portfolio. The line will cross Lots Nos. 179, 180, 181, and 182 of Samuel L. Thompson, et al, Northwood Heights Subdivision, Columbus, Franklin County, Ohio. The University will have the right to use the storm sewer.

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

A. Sewer Easement - City of Columbus (continued)

It is recommended that the Vice President for Business and Finance be authorized to execute a sewer line easement with the City of Columbus on behalf of the Board of Trustees.

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

B. Gas Line Easement - Dayton Campus - Ohio Fuel Gas Company

The Ohio Fuel Gas Company has requested permission to relocate and install a new 20-inch high pressure gas transmission pipe line across lands of the Miami University - The Ohio State University Dayton Branch Campus.

It is recommended that the Vice President for Business and Finance be authorized to join with Miami University in granting a "right of entry" for this work and ultimately execute jointly with Miami University a gas line easement to the Ohio Fuel Gas Company.

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

C. Gas Line Easement - Columbia Gas of Ohio, Inc.

The Columbia Gas of Ohio, Inc. has requested an easement for the construction, maintenance, and service of a gas line west of and following the alignment of Kenny Road from Ackerman Road to a point opposite the northwest corner of the new Motor Pool Garage Building. This line will provide natural gas service for the Garage Building as well as future work in the development of the Service Plaza.

It is recommended that the Vice President for Business and Finance be authorized to execute a gas line easement with The Columbia Gas of Ohio, Inc., on behalf of the Board of Trustees.

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

D. Gas Line Easement - Columbia Gas of Ohio, Inc.

The Columbia Gas of Ohio, Inc. has requested an easement for the construction, maintenance, and service of a gas line from the vicinity of Buckeye Village and running west of and following the alignment of Olentangy River Road to a point south of Lane Avenue. This line will provide additional gas service for the Power Plant in connection with the new Boiler Project at the Medical Center.

It is recommended that the Vice President for Business and Finance be authorized to execute a gas line easement with The Columbia Gas of Ohio, Inc., on behalf of the Board of Trustees.

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

September 14, 1965 meeting, Board of Trustees

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

E. University Architect - Assignment of Projects

It is recommended that the University Architect be assigned the following projects to provide complete architectural and engineering services including preliminary drawings, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents, and supervision of construction:

Service Center, Phase II
Library Stacks
Food Facility, Phase III
River Union
Student Services Facility
Library Reading Room
Laboratory Animal Facility
Jones Tower
Dennis House
Stadium Dormitory Kitchen
Athletic Department Field Building Locker Room

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

F. Street Cleaning Agreement - City of Columbus

It is recommended that the following resolution be adopted:

WHEREAS, The Ohio State University is desirous of cooperating with and assisting the City of Columbus when such assistance is within its proper authority; and

WHEREAS, the City of Columbus is desirous of having the University clean and sweep streets which border the campus and have University frontage; and

WHEREAS, the University now provides its own street cleaning and sweeping service for all campus streets;

NOW, THEREFORE, BE IT RESOLVED, that the Board of Trustees by this action requests the City of Columbus to concur with the University in permitting such cleaning and sweeping operations on contiguous streets having University frontage and that City Council do all those things necessary to provide the University with the legal right to perform such services and to provide such police assistance as might be necessary to enable the University to allow the cleaning and sweeping to proceed in an orderly and safe manner.

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

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

G. Employment of Architects

It is recommended that the following architectural firms be employed to provide complete architectural services for the projects indicated including preliminary plans, basic drawings, working drawings, specifications, estimates of cost, and necessary bidding documents:

C. Curtis Inscho and Associates	Medical - Basic Science
Tibbals, Crumley and Musson	Humanities - Little Theater
Potter, Tyler, Martin and Roth	Humanities - Language
Kellam & Foley	General College
A. M. Kinney Associates	Biological Sciences
Brooks and Coddington	West Union
Louis F. Karlsberger and Associates	Student Health Facility
Edwards and Burris	Marion Campus
Strong, Strong and Strong	Lima Campus - Phase II

The employment of these architects is subject to the approval of the Director of Public Works, State of Ohio, and the release of funds by the State Controlling Board. The fees for their services will be calculated on the standard fee basis as established by the Director of Public Works.

Funds will be provided from accounts established in H. B. 202, H. B. 949, and other University accounts.

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

H. Employment of Engineers - Food Facility, Phase III

It is recommended that the engineering firm of H. A. Williams be employed to provide complete professional engineering services for heating and ventilating, refrigeration, plumbing, and electrical work for the 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 computed at the hourly rate of \$10.00 per hour for engineers and \$6.00 per hour for draftsmen with a maximum fee of \$16,000.00. Funds will be provided from Budget Account 920600.

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

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

- I. Purchase of Property - Lots Nos. 51, 52, 53, 54, 55, 92, 190, 191, 192, 193, 194, 195, 196, 203, 204, 218, 219, 223, 224, 226, 227, 228, 230, and 231 of the R. P. Woodruff's Agricultural College Addition, City of 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 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 residence halls, recreation, and parking have been established; and

WHEREAS, Section 3345.07 of the Ohio Revised Code provides for the construction and operation of dormitories and dining halls and Section 3345.11 of the Ohio Revised Code provides for the construction and operation of special facilities for universities including acquisition of sites; and

WHEREAS, the Trustees of The Ohio State University deem that suitable dormitory, recreation, and parking 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 for Business and Finance be authorized to proceed with the purchase of the following-described real estate from Account No. 921300 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. Being North 85' of Lots Nos. 51, 52, 53 and South 75' of Lots Nos. 51, 52, 53, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 2093-2099 Neil Avenue and 208-222 West Woodruff Avenue respectively. Owner of record is Mary M. Smith.
2. Lots Nos. 54 and 55, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 224 West Woodruff Avenue. Owner of record is Josephine Ruff.

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

- I. Purchase of Property - Lots Nos. 51, 52, 53, 54, 55, 92, 190, 191, 192, 193, 194, 195, 196, 203, 204, 218, 219, 223, 224, 226, 227, 228, 230, and 231 of the R. P. Woodruff's Agricultural College Addition, City of Columbus, Franklin County, Ohio (continued)
3. Being North 100' of Lot No. 92 and East 4' by 100' of Lot No. 91, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio. Owner of record is East End Development Company.
 4. Being South 32' of Lots Nos. 190-192, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 2133-2135 Neil Avenue. Owner of record is John M. Weed and Grace W. Eubank.
 5. Being the middle 32' of Lots Nos. 190-192, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 2141 Neil Avenue. Owner of record is Agnes Clark.
 6. Being West 10' of Lots Nos. 192 and 193, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 212 West Frambes Avenue. Owner of record is Carl L. Johnson.
 7. Lot No. 194, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 216 West Frambes Avenue. Owner of record is Robert W. Johnson.
 8. Lot No. 195, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 220 West Frambes Avenue. Owner of record is Robert W. Johnson.
 9. Lot No. 196, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 224 West Frambes Avenue. Owner of record is Carl L. Johnson.
 10. Lots Nos. 203 and 204, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 254-260 West Frambes Avenue. Owner of record is Eber W. and Ralph W. Fackler.
 11. Lot No. 228, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 203 West Lane Avenue. Owner of record is Ethel S. Dean.
 12. Lot No. 218, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 241 West Lane Avenue. Owner of record is Ralph W. and Lillian Fackler.
 13. Lot No. 219, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 239 West Lane Avenue. Owner of record is Laura Armstrong.

September 14, 1965 meeting, Board of Trustees

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

- I. Purchase of Property - Lots Nos. 51, 52, 53, 54, 55, 92, 190, 191, 192, 193, 194, 195, 196, 203, 204, 218, 219, 223, 224, 226, 227, 228, 230, and 231 of the R. P. Woodruff's Agricultural College Addition, City of Columbus, Franklin County, Ohio (continued)
14. Lot No. 223 and 10' of Lot No. 222, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 223 West Lane Avenue. Owner of record is William and Lila E. Anderson.
 15. Lot No. 224, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 219 West Lane Avenue. Owner of record is Esther Woods.
 16. Lot No. 226, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 209 West Lane Avenue. Owner of record is Inez P. Cleland.
 17. Lot No. 227, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 207 West Lane Avenue. Owner of record is Ruth Leupold.
 18. Being South 80' of Lot No. 230 and Lot No. 231, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 2157-2163 Neil Avenue. Owner of record is William E. Benua, Tr.
 19. Being North 80' of Lot No. 230 and Lot No. 231, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 189-195 West Lane Avenue. Owner of record is Nettie Davis.

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

J. Purchase of Buildings and Property, 107 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 Quinn Properties, Inc. at a price of \$19,000.00:

Property known as 107 West 11th Avenue, being
Lot #4, John A. Evan's College View Addition, City
of Columbus, County of Franklin, State of Ohio.

Funds are available in Budget Account 920600.

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

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

K. Center for Tomorrow

It is recommended that the following resolution be adopted:

WHEREAS, on October 9, 1964, the Board of Trustees passed an enabling resolution directing 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; and

WHEREAS, studies have been underway, plans have reached the preliminary stage, and the project is now ready for the final stages; and

WHEREAS, in furtherance of this purpose, 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 a proposed issue of Continuing Education Center Revenue Bonds and any additional bonds issued on a parity thereto;

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees that the President and the Vice President for Business and Finance and each of them be 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 (see Appendix II, page 177) with the records of this meeting; and be it

RESOLVED further that the officers of the University as designated proceed as soon as practicable to sell bonds in amounts as are required by the total funding plan for this project; such bonds to be sold within the framework of the University's previously approved bonding procedures and with the advice and counsel of Squire, Sanders & Dempsey; and be it

RESOLVED further that the architectural firm of Lorenz and Williams, Dayton, Ohio, be provided with a supplemental contract to complete architectural and engineering services for this project including basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents, and supervision of construction, at a fee based on the Board action of September 11, 1964.

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

September 14, 1965 meeting, Board of Trustees

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

L. Student Facilities

It is recommended that the following resolution be adopted:

WHEREAS, the Board of Trustees, in furtherance of its aim to provide adequate and efficient facilities for students, has determined that the following projects should be implemented:

1. Student Health Facility
2. Student Services Facility
3. River Union
4. General College Union;

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees that the President and through him the Vice President for Business and Finance be directed to establish a suitable financing plan to fund the above projects in the shortest practicable time and to proceed with the implementation of the projects in accordance with regularly established University procedures; and be it

RESOLVED further, that in the event it becomes necessary for the University to sell Revenue Bonds on the bond market and to employ Bond Counsel for this purpose, the President and Vice President for Business and Finance and each of them be authorized to request the Attorney General of the State of Ohio to designate Squire, Sanders & Dempsey as Special Counsel to the University in connection with the proposed issue of Student Facilities Bonds, and any additional bonds issued on a parity thereto, on the terms set forth in the Form of Designation presented to and filed and recorded (see Appendix III, page 181) with the records of this meeting; and be it

RESOLVED further, that should it be determined by the President and the Vice President for Business and Finance that it is in the best interest of the University to sell Revenue Bonds, designated Student Facilities Revenue Bonds, within the framework of the University's previously approved bonding procedures and with the advice and counsel of Squire, Sanders & Dempsey, the aforementioned officials are authorized to proceed with the implementation of said bond indenture.

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

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

M. Hospital Food Facility Project - Authorization to Proceed

It is recommended that the following resolution be adopted:

WHEREAS, the University desires to utilize the maximum amount of State capital improvements funds for matching purposes to qualify for Federal money for Hospital capital improvements; and

WHEREAS, matching money from the Federal Government appears less available for food services not directly related to instruction and research; and

WHEREAS, such facilities can be provided through the sale of self-liquidating bonds hereafter to be designated as The Ohio State University Hospital Revenue Bonds, the liquidation of which would be paid from non-tax Hospital revenues;

NOW, THEREFORE, BE IT 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 The Ohio State University Hospital Revenue Bonds and accordingly the President and 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 (see Appendix IV, page 185) with the records of this meeting; and be it

FURTHER RESOLVED, that the aforementioned University officials shall establish the timing of this project to coordinate with the construction of the planned additions to the Medical Center.

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

N. Parking Ramps

It is recommended that the following resolution be adopted:

WHEREAS, on July 17, 1964, the Board of Trustees approved in principle the report submitted by Wilbur Smith and Associates entitled "Initial Parking Program and Related Traffic at The Ohio State University," dated June 15, 1964; and

WHEREAS, since that time, developments in the Medical Center make it appear wise not to proceed with the Medical Parking Ramp as the initial parking structure supported by parking revenue bonds; and

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

N. Parking Ramps (continued)

WHEREAS, because of the delay in the determination of the requirements in the Medical Center pending the availability of Federal funds and the establishment of an approved plan of action for the area, it is determined advisable to proceed first with the Ohio Union Parking Ramp and concurrently as soon thereafter as possible with the Arps Hall Parking Ramp;

NOW, THEREFORE, BE IT RESOLVED that the actions of the Board of Trustees of July 17, 1964, be amended to indicate this change in the program.

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

O. Special Policeman Commission

At the request of the Vice President for Business and Finance, it is recommended that Gary Wayne Van Vorst be designated as Special Policeman pursuant to the provisions of Section 3345.04 of the Revised Code of the State of Ohio; and that in further compliance with the provisions of said section, the Board of Trustees require Mr. Van Vorst, 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. Allyn, seconded by Mr. Davis, the above recommendation was approved by unanimous roll call vote.

P. Marion Campus

It is recommended that the following resolution be adopted:

WHEREAS, on September 11, 1965, Mr. Edwin L. Mitchell, President of the Marion Area College Foundation, Inc., presented an appraisal report from Mr. Roy F. Boyd, M. A. I., Columbus, Ohio, indicating the fair market value of the property to be donated to The Ohio State University for the Marion Campus of \$622,000.00; and

WHEREAS, it is the intention of the Marion Area College Foundation to present this property to the University with a clear title satisfactory to the Attorney General and the Director of Public Works of the State of Ohio; and

WHEREAS, the Board of Regents' rules require a determination of the value of donations of each local community acquiring a branch;

NOW, THEREFORE, BE IT RESOLVED that the Board of Trustees accepts as evidence of value the appraisal report presented herewith and filed with the records of this meeting and determines that subject to the limitations mentioned above the value of the property donated is \$622,000.00; and

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

P. Marion Campus (continued)

BE IT FURTHER RESOLVED that any additional donations made by the Marion Area College Foundation be added to this figure in the determination of the State allocation to be made in accordance with the Board of Regents' rule pertaining thereto.

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

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XI. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Earl William Anderson, Professor in the School of Education, and Chester C. Lang, Professor Emeritus in the Cooperative Extension Service. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board have been furnished the families of the deceased.

A. Earl William Anderson

The Board of Trustees expresses its sorrow at the death on July 21, 1965, of Earl William Anderson, Professor in the School of Education.

Dr. Anderson was born on March 13, 1897, in Charleston, Illinois. He received his A. B. degree from the University of Illinois in 1918, his M. A. degree from Teachers College, Columbia University, in 1925, and his Ph. D. degree from the same institution in 1926. His professional career began with an appointment to the State of Ohio Department of Education as a high school supervisor. He became identified with The Ohio State University as an Associate Professor in 1927, rose to Professor in 1933, and eventually served the College of Education as Chairman of the Department of Education from 1956 to 1962.

Professor Anderson's specialization was in the fields of higher education and teacher education. He was president of the Association for Higher Education in 1951 and served on its executive committee in several capacities. In 1937 he was elected president of the National Institute of Teacher Placement. He was active in local and state professional organizations and served as president of the Ohio Council on Education in 1950. In the same year he was awarded an honorary degree of Doctor of Pedagogy from Eastern Illinois State College.

Dr. Anderson has made a significant contribution to teacher education and higher education through his writings, contributions to yearbooks and special reports, and professional articles. He has served in a consultant capacity to state boards of higher education in several states, as a consultant to colleges seeking accreditation, and made survey studies of higher education in

XI. RESOLUTIONS IN MEMORIAM (continued)

A. Earl William Anderson (continued)

several states. His broad interest in faculty and professional affairs included service to many commissions and committees, including the Faculty Council, the Conference Committee, AAUP, and other University groups.

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. Chester C. Lang

The Board of Trustees expresses its sorrow at the death on August 21, 1965, of Chester C. Lang, Professor Emeritus in the Cooperative Extension Service.

Mr. Lang was born at Woodsfield, Ohio, November 16, 1895. From 1915 to 1916 he was a rural school teacher; he served in the United States Army from 1917 to 1918, after which he enrolled in the College of Agriculture and Home Economics at The Ohio State University. Upon graduation in 1922, he became County 4-H Club Agent in Wood County. Two years later he was named Assistant State Club Leader, a position he held until he was promoted to State Club Leader, April 1, 1951. He attended Cornell University for graduate work in 1928 and 1929.

On March 8, 1953, Mr. Lang left Ohio to become a member of the 4-H Club staff of the Federal Extension Service in Washington, where he provided national leadership in 4-H and other youth work. After his retirement from the Federal position, he served as a consultant on agricultural extension work in Colombia and Panama. For the last two years he was a member of the staff of the Inter-American Institute of Agricultural Sciences in Turrialba, Costa Rica.

Mr. Lang well represented the philosophy, enthusiasm, and dedication of Extension faculty members as he spent his professional career in service to others. He was a quiet worker and a wise counselor to the many Ohioans who sought his help, particularly the residents of the southeastern Ohio counties where he was assigned during his tenure as Assistant State Club Leader. Mr. Lang was especially interested in the development of local leadership. He worked closely with the faculty of the College of Education in defining the educational aims, objectives, and philosophies pertaining to youth work so that the Ohio 4-H Club program would be maintained on a sound basis.

Through his quiet leadership, wise counsel, and inspiration to other professional staff members as well as to the clientele of the Cooperative Extension Service, Mr. Lang contributed significantly to the development of Extension education in the State of Ohio and thereby brought recognition to The Ohio State University.

XI. RESOLUTIONS IN MEMORIAM (continued)

B. Chester C. Lang (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 Held July 16, 1965

It is reported for information and the record that the Ohio Board of Regents at its regular meeting on July 16, 1965

- (1) approved the new degree program for awarding the degree Master of Architecture to be granted by The Ohio State University (authorized by Board of Trustees at its March 11, 1965 meeting, subject to the approval of the Board of Regents); and
- (2) awarded The Ohio State University three Regents' Professorships for 1965-67 on behalf of Professor Melvin Newman, Department of Chemistry and member of the National Academy of Sciences; Professor Melville Wolfram, Department of Chemistry and member of the National Academy of Sciences; and Professor Robert M. Zollinger, Department of Surgery, former president of the American College of Surgeons, and editor-in-chief of the American Journal of Surgery.

Upon motion of Mr. Shocknessy, seconded by Mr. Bricker, the Secretary was instructed to include the above report in the minutes of this meeting.

B. Reports from the Finance and Investment Committee

1. Purchase of Property - University Airport

Mr. Allyn, Chairman 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.

XII. REPORTS (continued)

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

1. Purchase of Property - University Airport (continued)

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 17 acres of land from Cora E. Quellette at a price of \$2,500.00 per acre. This property is located adjacent to the west end of University Airport and is contiguous to other investment land holdings in this area.

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. Allyn's motion by Mr. Davis, the above recommendation was approved by unanimous roll call vote.

2. Purchase of Property - 6.4 Acres on Kenny Road

Mr. Allyn, Chairman of the Finance and Investment Committee, presented the following recommendation and moved that it be approved:

The Board of Trustees currently owns two parcels of real estate on Kinnear Road, commonly known as 930 and 980 Kinnear Road. A 6.4 acre parcel of land contiguous to these two parcels on the north and adjacent to the south side of other University lands is available for acquisition. Said parcel has 295 feet of frontage on Kenny Road.

In order to provide space for expansion of the Board's investment activity in this area, it is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of this parcel of land from Herrick L. Johnston at a price of \$152,500.00.

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. Allyn's motion by Mr. Shocknessy, the above recommendation was approved by unanimous roll call vote.

3. Appropriations for University Administrative Officials

On behalf of the Finance and Investment Committee of the Board of Trustees, Mr. Stanley C. Allyn 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 1965-66 be on the same basis as the appropriations for 1964-65: (1) to the President, \$7,500.00; (2) to each of the persons in the following Cabinet offices, \$1,000.00 - Vice President for Academic Affairs and Dean of Faculties; Vice President for Business and Finance;

XII. REPORTS (continued)

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

3. Appropriations for University Administrative Officials (continued)

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. Dargusch, Sr. and approved by unanimous roll call vote.

4. Interim Financing - Drackett Tower

Mr. Allyn, Chairman of the Finance and Investment Committee, moved that the following resolution providing for \$3,000,000 in financing for the purpose of constructing and equipping Drackett Tower (Dormitory Building No. 12) be adopted:

RESOLUTION providing for the issuance of \$3,000,000 Dormitory Revenue Notes, Series 1965, for the purpose of refunding a like principal amount of Dormitory Revenue Notes, dated September 16, 1963, issued for the purpose of constructing and equipping a dormitory building known as Dormitory Building No. 12 and also known as Drackett Tower.

WHEREAS, pursuant to resolution duly adopted by the Board of Trustees on September 14, 1963, the University has, pursuant to Section 3345.07 of the Revised Code of Ohio, issued and there are outstanding \$3,000,000 principal amount of The Ohio State University Dormitory Revenue Notes, dated as of September 16, 1963, bearing interest at the rate of 2-3/4% per annum, payable March 15, 1964 and semi-annually thereafter, maturing on September 15, 1965, and having been issued for the purpose of constructing and equipping a new dormitory building known as Dormitory Building No. 12 and also known as Drackett Tower, being a part of the North Campus dormitory and dining hall complex; and

WHEREAS, this Board of Trustees did by resolution duly adopted September 13, 1963 authorize the issuance of \$3,000,000 Dormitory Revenue Bonds, Series I, of the University as the permanent financing for such Drackett Tower, which Series I Bonds have not yet been issued; and

WHEREAS, by resolutions duly adopted March 11, 1965 this Board did duly authorize the issuance of \$11,000,000 Dormitory Revenue Bonds, Series J, of the University to construct and equip Jones and Taylor Towers and Archer, Dennis, Houck and Nosker Houses, and Northeast Dining Facility, being the balance of the dormitories and dining halls of

XII. REPORTS (continued)

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

4. Interim Financing - Drackett Tower (continued)

the North Campus complex to be financed by revenue bonds, and did on March 11, 1965 and April 8, 1965 duly adopt and amend a resolution providing for interim construction financing pursuant to which the University has duly issued and there now are outstanding \$11,000,000 Dormitory Revenue Notes of 1965, dated as of March 15, 1965, bearing interest at the rate of 2.65% per annum payable September 15, 1965 and semi-annually thereafter, and maturing on September 15, 1966;

WHEREAS, it is hereby determined that the best interests of the University would be served by converting the aforesaid interim financing to permanent financing by a single issue of bonds to be issued in 1966 for the financing of all of the aforesaid buildings in the North Campus complex, and that for such purpose it is necessary to issue the below authorized notes to refund the aforesaid \$3,000,000 Dormitory Revenue Notes which mature September 15, 1965;

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

Section 1. It is hereby determined and declared that it is necessary to issue and there shall be issued, pursuant to Section 3345.07 of the Revised Code of Ohio, The Ohio State University Dormitory Revenue Notes, Series 1965, in the aggregate principal amount of \$3,000,000 for the purpose of refunding the presently outstanding \$3,000,000 principal amount of The Ohio State University Dormitory Revenue Notes dated as of September 16, 1963.

Section 2. Said notes shall be issued as bearer coupon notes, or in fully registered form without coupons, as requested by the Original Purchaser, shall be dated as of September 15, 1965, shall mature on September 15, 1966, shall bear interest payable at maturity or semi-annually, as shall be determined by the Fiscal Officer in his Certificate of Award referred to in Section 3 hereof, at a rate not exceeding three per centum per annum as determined in such Certificate of Award, shall be in denominations of \$10,000 or any multiples thereof, shall be numbered as determined by the Fiscal Officer, and shall be executed by the Executive Officer and by the Fiscal Officer, provided that one such signature may be a facsimile, shall have the seal of the University impressed thereon, or a facsimile of said seal imprinted thereon, and the coupons, if any, pertaining thereto shall be signed by or bear the facsimile signature of the Fiscal Officer. The definitive notes shall be substantially in the forms attached hereto as Appendix V, page 189, and Appendix VI, page 193, the terms and covenants of which are incorporated herein, with such changes therein, not substantially adverse to the University, as the officers executing same and the Original Purchaser may agree upon, provided that the entire issue may be represented by a single note if so agreed.

XII. REPORTS (continued)

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

4. Interim Financing - Drackett Tower (continued)

If agreeable to the Original Purchaser, prior to delivery of the definitive notes, said notes may be delivered as one or more temporary manuscript notes to be surrendered to the University at the principal office of the Paying Agent when the University shall notify the holder thereof that the definitive notes are available.

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

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

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

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

XII. REPORTS (continued)

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

4. Interim Financing - Drackett Tower (continued)

As to any registered note without coupons, the person in whose name the same is registered shall be deemed and regarded as the absolute owner thereof for all purposes and payment of or on account of the principal of any such note and the interest on any such registered note without coupons shall be made only to or upon the order of the registered owner thereof or his legal representative, but such registration may be changed as hereinabove provided. All such payments shall be valid and effectual to satisfy and discharge the liability upon such note, including the interest thereon to the extent of the sum or sums so paid. The University, and the Paying Agent may deem and treat the bearer of any coupon notes and the bearer of any coupon appertaining to any coupon note, as the absolute owner of such note or coupon, as the case may be, whether such note or coupon shall be overdue or not, for the purpose of receiving payment thereof and for all other purposes whatsoever, and neither the University nor the Paying Agent shall be affected by any notice to the contrary.

The principal of and interest on 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 only for the reasonable and proper expenses of operation and maintenance thereof and all payments required from time to time to be made into the Special Funds created under such Trust Agreement, as supplemented, and (b) the proceeds of the sale of dormitory revenue bonds or notes of the University to be issued pursuant to Section 3345.07 of the Revised Code of Ohio to refund said notes; and neither the State of Ohio nor the University or its Board of Trustees shall be obligated to pay the same from any other funds or source, nor shall such notes be a claim upon or lien against any other property of the University or the State of Ohio, and said notes are not general obligations of the State or the University, and the full faith and credit thereof are not pledged thereto and the noteholders shall have no right to have any taxes levied, collected or applied for or to the payment thereof.

For the purposes of this resolution, "Paying Agent" shall mean a bank or trust company with its principal office in Ohio designated by the Original Purchaser as the paying agent hereunder and approved by the Fiscal Officer; "Executive Officer" shall mean the Chairman of the Board of Trustees or the President of the University; and "Fiscal Officer" shall mean the Vice President, Business and Finance, or the Assistant Treasurer of the University.

Section 3. The notes shall be sold by negotiation, solicitation of proposals or advertisement for bids, by the Fiscal Officer upon such terms and conditions, not inconsistent with this resolution, as he may determine, but at a purchase price of not less than par plus accrued interest, if any, and at an interest rate of not exceeding three per centum per annum. The

XII. REPORTS (continued)

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

4. Interim Financing - Drackett Tower (continued)

University will provide printed notes at its expense if approved by the Fiscal Officer. The award of the notes by the Fiscal Officer shall be evidenced by a Certificate of Award signed by him (the purchaser designated therein being herein called the "Original Purchaser"), and the Fiscal Officer is hereby authorized to do all things necessary or proper for the delivery of said notes in accordance with such award and this resolution.

Section 4. The proceeds of said notes shall be applied promptly to the payment and discharge of the aforesaid Dormitory Revenue Notes dated as of September 16, 1963, and the Fiscal Officer is hereby directed to apply to the payment of interest on said outstanding notes such amount from the construction fund for the Drackett Tower or from surplus dormitory revenues as shall be needed therefor.

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

1.	Net income from existing dormitory facilities for the fiscal year ended June 30, 1965. (Note 1)	\$2,319,870
2.	Estimated annual net income from North Commons and dormitory facilities being financed through issuance of the Series I Bonds. (Note 2)	
	North Commons, Raney Commons, Archer, Drackett, Houck, Nosker, and Taylor (construction bids already taken)	\$676,480
	Dennis and Jones (construction bids not yet taken)	<u>206,640</u>
	Total	<u>883,120</u>
3.	Total estimated net income from existing facilities described in Item 1 and facilities to be constructed from proceeds of Series I Bonds referred to in Item 2.	<u>\$3,202,990</u>
4.	Maximum amount to become due in any succeeding fiscal year for principal and interest on Series A, B, C, D, E, F, G, H and I Bonds. (Note 3)	<u>\$1,956,871</u>
5.	Ratio of total net income to maximum principal and interest requirements on Series A, B, C, D, E, F, G, H and I Bonds.	<u>1.6368</u>

XII. REPORTS (continued)

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

4. Interim Financing - Drackett Tower (continued)

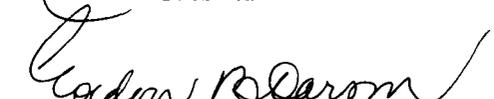
The Ohio State University
Schedule of Expected Earnings Coverage Under Section 6(b)
of Bond Resolution as of July 1, 1967 for Issuance of
\$14,000,000 Dormitory Revenue Bonds, Series I

- Note 1 The term dormitory facilities as herein used shall mean dormitory facilities as that term is defined in the Trust Agreement with The Ohio National Bank of Columbus, dated as of April 15, 1957, as supplemented by First through Fifth Supplemental Trust Agreements.
- Note 2 Estimated net income is computed in accordance with the Trust Agreement on the basis of 95% occupancy and estimated expenses are consistent with those experienced in similar existing facilities. 95% occupancy is consistent with experience to date. It is hereby certified that the facility, Drackett Tower, under Item 2 was placed in operation in March, 1965, that North Commons, Archer, Houck and Nosker Houses and Taylor Tower, will be in operation and revenue producing by September, 1966, and that Raney Commons will be in operation and revenue producing by January, 1967.
- Note 3 Series I Bonds are computed at 3-3/4% for 40 years. Series A through H are 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

The motion to adopt the above resolution as presented by Mr. Allyn was seconded by Mr. Mervin France and was unanimously adopted by roll call vote.

September 14, 1965 meeting, Board of Trustees

XII. REPORTS (continued)

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

5. Report on the University's Investment Portfolio

The reports on the University's Investment Portfolio dated July 31, 1965 and August 31, 1965, as submitted to the Finance and Investment Committee of the Board of Trustees, were received and ordered to be filed with the official records of the Board.

C. Report from the Chairman - Committee Appointments for 1965-66

The Chairman, Mr. Alan B. Loop, appointed the following-named persons to membership on the Council, Committees, and Board for 1965-66 as indicated below:

Finance and Investment Committee

Stanley C. Allyn, Chairman
Carlton S. Dargusch, Sr.
Frederick E. Jones
James W. Shocknessy

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

Research Foundation Board of Directors (Three-Year Term, July 1, 1964 - June 30, 1967)

Stanley C. Allyn

Association of Governing Boards of Universities and Colleges

James W. Shocknessy

Inter-University Council

John W. Bricker

XII. REPORTS (continued)

D. Revision of "Guest Speakers" Faculty Rule 21.09 and Faculty Rules Related Thereto - 21.01, 53.01, 53.09, and 61.05

President Fawcett presented the following statement and recommendation:

At the July 8, 1965, meeting of this Board I submitted a recommendation in support of a new speakers' rule to be substituted for our present Rule 21.09. This rule had been submitted by the Faculty Advisory Committee and had the support of the Faculty Council and members of the President's Cabinet. Additionally, certain revisions in Rules 21.01, 53.01, 53.09, and 61.05, as submitted by the Faculty Advisory Committee, were recommended. These changes in our rules were not adopted, and in accordance with the existing rules I continued my work with the Committee as I stated I would.

After a careful evaluation of the document presented in July, it is noted there are three changes in the proposed new rules in the new draft which has been distributed to each member of the Board with the unanimous approval of the Faculty Advisory Committee. First, in the first line of Section 2 of Rule 21.09 the word recognized has been added; second, in the fourth line of Section 3 of Rule 21.09 the last word in the fourth line has been changed from may to shall; and, third, in Rule 61.05 the last paragraph under Section 2 has been added. (See pages 170-175 of these minutes.)

These changes are designed to emphasize the need for orderly procedures at meetings for which the University makes some provision for the facilities. I believe that the aforementioned rules are now in order for your consideration, and I recommend their approval. A favorable vote on these rules will clarify our position, place the University on a comparable basis with other distinguished institutions on this subject, and strengthen the University as it continues to strive for excellence. Personally, I believe this recommendation is in the long-range, best interest of the University and, therefore, without repeating my formal recommendation made to you in detail on July 8, 1965, such recommendation is now renewed.

Mr. Stanley C. Allyn presented the following resolution and moved its adoption:

RESOLVED, that Rules for the University Faculty numbered 21.09, 21.01, 53.01, 53.09, and 61.05 be repealed and of no further force and effect as of October 1, 1965.

BE IT FURTHER RESOLVED, coincident with the repeal, that the language proposed by the Faculty Advisory Committee to the President and Board of Trustees as attached hereto (see pages 170-175 of the minutes of this meeting) and made a part of this resolution shall then constitute new Rules 21.09, 21.01, 53.01, 53.09, and 61.05 to be in force and effect as of October 1, 1965.

Mr. Jacob E. Davis seconded the motion that the above resolution be adopted.

XII. REPORTS (continued)

D. Revision of "Guest Speakers" Faculty Rule 21.09 and Faculty Rules Related Thereto - 21.01, 53.01, 53.09, and 61.05 (continued)

In response to Mr. Shocknessy's request for an explanation of those sections of the rules where changes between rules proposed in the revised document and rules rejected at the July 8, 1965 meeting, President Fawcett explained: "The rules proposed this morning will permit a recognized student organization to invite speakers to the University without prior approval except that of the organization's faculty adviser, thus providing more control by the University. The rules make clear that student organizations which are not fully recognized and qualified under University rules may not invite speakers or reserve facilities for meetings unless recognized authorization is given. Also, Section 3 of Rule 21.09 as revised now provides for certain procedures which must be followed when the appearance of a speaker is attended by extreme emotional feeling."

At the Chairman's request, Section 3 of Rule 21.09 was read. Mr. Shocknessy made the observation that the change from the optional to mandatory character of Section 3 is especially significant.

Mr. Bricker then commented as follows:

I think the rules as revised are a decided improvement over those that were submitted in July, but even with the changes contemplated there will be continuing confusion. I am opposed to passing on any speakers' rule at this time; because, first, the Attorney General of Ohio requested that we not do so until the case before the Federal Court has been decided; second, I do not think the proposed rules should be passed with two trustees absent; and, third, I have expressed my personal beliefs several times regarding the appearance of subversive groups or communist agents on the University campus and I hold firm to these beliefs. These minority groups are not interested in education but rather in using the campus for propoganda and their own special interest. There is an element of civil disobedience not only threatened but also active on the campus, and I am opposed to the Board of Trustees taking any action that might be interpreted as giving in to those who disregard law and order.

The Chairman, Mr. Loop, stated that all members of the Board were informed at the time of the July 8 meeting that the next meeting would be held in Wooster today.

The Chairman called for a roll call vote on the motion to adopt the proposed new Faculty Rules 21.09, 21.01, 53.01, 53.09, and 61.05. Messrs. Allyn, Davis, Shocknessy, and Loop voted affirmatively on the motion; and Messrs. Bricker, Dargusch, and France voted negatively. The Chairman ruled the motion passed.

Before voting, Mr. Shocknessy stated: "It is regrettable that two members of this Board are absent when reconsideration of the July 8 action is proposed. However, my convictions being what they are, and the matter having been placed before us, I have no choice but to vote for the resolution."

XII. REPORTS (continued)

D. Revision of "Guest Speakers" Faculty Rule 21.09 and Faculty Rules Related Thereto - 21.01, 53.01, 53.09, and 61.05 (continued)

The newly adopted Faculty Rules are as follows:

21.09. Guest Speakers*

Section 1. It is the policy of the University to foster a spirit of free inquiry and to encourage the timely discussion of the broad range of issues which concern our nation, provided that the views expressed are stated openly and are subject to critical evaluation. Within our prevailing standards of decency and honesty, this policy shall be construed to mean that no topic or issue is too controversial for intelligent discussion on the campus. Restraints on free inquiry should be held to that minimum which is consistent with preserving an organized society in which change is accomplished by peaceful, democratic means.

Section 2. To this end, a recognized student organization, after consultation with and prior approval of its faculty adviser, may invite guest speakers to the campus to address meetings (see Rule 61.05, Section 3), subject only to the following provisions:

- (a) Sponsorship must be by a recognized student organization.
- (b) Arrangements for the use of University facilities must be made in accordance with Rules 53.09 and 61.05.
- (c) It must be made clear that the student organization, not the University, is extending the invitation and that any views the speaker may express are his own and not those of the University.
- (d) The student organization must take whatever steps are necessary to insure that the meeting is conducted in an orderly manner.
- (e) The student organization must provide means for critical evaluation of the speaker's view, which must include as a minimum, an open question period following the speaker's presentation.
- (f) The student organization must comply with any and all conditions for the orderly and scholarly conduct of the meeting as prescribed by the Faculty Advisory Committee to the President and the Board of Trustees in accordance with Section 3 of this Rule.

*Rule initiated by Board of Trustees.

XII. REPORTS (continued)

D. Revision of "Guest Speakers" Faculty Rule 21.09 and Faculty Rules Related Thereto - 21.01, 53.01, 53.09, and 61.05 (continued)

21.09. Guest Speakers* (continued)

Section 3. In a situation attended by extreme emotional feeling, the Faculty Advisory Committee to the President and the Board of Trustees shall prescribe conditions for the orderly and scholarly conduct of the meeting but may not select the speaker or topic. Such conditions shall include, but are not necessarily limited to; designating a member of the tenured University Faculty as chairman; limiting attendance to students, faculty, and staff; requiring the inclusion of one or more additional speakers at the meeting in question or at a subsequent meeting so that other points of view may be expressed; or requiring a debate format in which the speaker debates with a qualified opponent.

The Committee shall function on its own initiative or at the request of any of the following: the sponsoring student organization, its Faculty Adviser, the Faculty Council, the Council on Student Affairs, the President of the University or his designated representative.

Section 4. A speaker invited by a student organization must not advocate action or urge the audience to take action which is illegal under the laws of the United States, the State of Ohio, or which is prohibited by the rules of the University. It is the responsibility of the student organization to inform speakers in writing of this prohibition.

Section 5. The maximum penalties to be assessed against a student organization for a failure to observe the provisions of Section 2 or for sponsoring a speaker who violates the prohibition of Section 4 of this rule shall be (a) for a single violation (including, as a single violation, multiple violations relating to the same meeting) in any academic year, suspension of the right of the student organization to invite a guest speaker to the campus for a twelve months' period and (b) for more than one violation in any academic year, termination of the student organization's recognized status. Charges that a student organization has violated this rule shall be investigated through a hearing before the Council on Student Affairs, at which the rights of representation, submission of evidence, and the introduction of witnesses shall be granted, and a permanent record be kept if the student organization undertakes to pay the costs of such record. The Council on Student Affairs shall make findings of fact and such recommendations as it may deem appropriate and submit these to the President, who shall have final authority to determine whether the charges have been sustained and to impose appropriate penalty.

*Rule initiated by Board of Trustees.

XII. REPORTS (continued)

D. Revision of "Guest Speakers" Faculty Rule 21.09 and Faculty Rules Related Thereto - 21.01, 53.01, 53.09, and 61.05 (continued)

21.09. Guest Speakers* (continued)

Students, either as individuals or as members of recognized student organizations, who act in violation of the provisions of this rule shall be subject to the disciplinary procedures and actions outlined in Rule 51.01 and in Section 1 of the Student Handbook of Rules and Regulations, "General Regulations for all Students--Administration of Conduct and Discipline."

Section 6. Faculty and others entitled to sponsor a meeting involving the use of University facilities (see Rule 61.05) shall observe this rule.

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21.01. Academic Freedom and Responsibility*

Section 1. The Ohio State University favors the fullest academic freedom consistent with its educational program and with national security. It believes that steadfast adherence to the principles of free discussion and investigation, with correlative responsibility, is the cornerstone of such an institution in a free society; that the continued strength of the educational process depends upon an unqualified dedication to our traditional freedoms and the preservation of the moral and intellectual integrity of the teacher. In the United States, in contrast to much of the world where doctrinaire propaganda, officially stated and enforced, is substituted for freedom of individual thought and expression, the molding of the lives of young people outside the family circle is largely entrusted to the church and the school, and this University holds inviolate the essential rights of the teacher. Honesty and objectivity, however, must always be cardinal principles in teaching, and only those who are free in conscience have the right to teach in a university which is founded upon the principle of intellectual integrity.

Section 2. A teacher, regardless of tenure in The Ohio State University, is entitled to freedom of research and publication, of classroom discussion of all matters relevant to the subject matter of his course, and of expression of opinion as a citizen, subject to the obligation to be accurate and to exercise appropriate restraint in accordance with the standards of his learned profession.

*Rule initiated by Board of Trustees.

XII. REPORTS (continued)

D. Revision of "Guest Speakers" Faculty Rule 21.09 and Faculty Rules Related Thereto - 21.01, 53.01, 53.09, and 61.05 (continued)

21.01. Academic Freedom and Responsibility* (continued)

The teacher's privileges imply correlative responsibilities. In addition to maintaining those standards of competence set forth as minima for his rank, and particularly those relating to scholarship and teaching ability, the teacher also has the obligation to maintain the proper attitude of objectivity, conscientious industry and cooperation with his associates and the University. Further, he has the responsibility to refrain from introducing into his teaching controversial matter unrelated to his subject; and in making public statements, he has the responsibility to make it clear that he is not an institutional spokesman.

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53.01. Organized Activities*

The Executive Dean for Student Relations shall promulgate rules governing all organized activities (including social functions) which are University connected and in which students or the wives of students participate.

These rules shall include a requirement that each recognized organization shall have an Adviser, selected by the student organization from members of the tenured University Faculty. Exceptions to the requirement that the Adviser be a tenured member of the University Faculty may be made by the Council on Student Affairs. The Adviser in accepting the appointment, agrees to maintain contact with the organization so as to be familiar with its program and personnel. In addition, the Adviser shall be responsible for advising the organization as to its program and personnel, having in mind not only the objectives of the particular group but also the purposes of the University, one of which is to foster a spirit of free inquiry in a setting which provides for open-minded, objective, and critical evaluation of the ideas expressed.

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53.09. Student Use of University Buildings*

Section 1. University facilities assigned to a student organization shall be used only for the usual activities of such student organization. If a student organization desires to use University facilities, which facilities have been assigned to the organization, for purposes other than its usual activities, it shall request permission for such use from the Executive Dean for Admissions and Registrations in accordance with Rule 61.05.

*Rule initiated by Board of Trustees.

XII. REPORTS (continued)

D. Revision of "Guest Speakers" Faculty Rule 21.09 and Faculty Rules Related Thereto - 21.01, 53.01, 53.09, and 61.05 (continued)

53.09. Student Use of University Buildings* (continued)

Section 2. No student, group of students, or student organization may announce a meeting involving the use of University facilities or use University facilities for a meeting, unless permission for such use has been obtained from the Executive Dean for Admissions and Registrations in accordance with Rule 61.05.

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61.05. University Facilities*

Section 1. University facilities may be scheduled and used only if the meeting is sponsored by at least one of the following:

- (a) the University,
- (b) an administrative unit of the University,¹
- (c) the President or a member of his Cabinet,
- (d) a member of the University Faculty,
- (e) a club or committee of University Faculty members, University staff members, or their wives, or
- (f) a recognized student organization (see Rule 53.01).

Unrecognized student organizations are not eligible to reserve University facilities for meetings or for other purposes nor shall University facilities be reserved for the use of unrecognized student organizations by those listed in subsections (a) through (f) of this Section.

Section 2. The Executive Dean for Admissions and Registrations shall be responsible for the scheduling of and shall have the necessary authority to schedule all University facilities. (See Rule 11.1107.) No meeting shall be scheduled in or announced for any University facility unless permission to use the facility has been obtained in advance from the Executive Dean for Admissions and Registrations. All requests for the use of University facilities shall indicate the nature of the proposed meeting. If the proposed meeting is one to which a guest speaker is to be invited, the request for the use of University facilities shall indicate the name of the guest speaker and shall be submitted to the Executive Dean for Admissions and Registrations at least two weeks prior to the date the meeting is to be held, but such two-week period may be waived by the Executive Dean for Admissions and Registrations

*Rule initiated by Board of Trustees.

¹This includes, but is not limited to, the Graduate School, a College, Department, School, Institute, and Bureau.

XII. REPORTS (continued)

D. Revision of "Guest Speakers" Faculty Rule 21.09 and Faculty Rules Related Thereto - 21.01, 53.01, 53.09, and 61.05 (continued)

61.05. University Facilities* (continued)

if the exigencies of the situation so require and the orderly scheduling of University facilities would not be unduly prejudiced. (See Rule 21.09.)

Section 3. The word "meeting," as used in Rule 21.09, 53.09, and 61.05, means any meeting using University facilities to which the faculty, staff, students, or public is invited, except:

- (a) regularly scheduled University courses,
- (b) conferences approved under University procedures, and
- (c) meetings of state, regional, national, or international organizations approved under University procedures.

Section 4. The responsibility and authority of the Executive Dean for Admissions and Registrations under this Rule may be delegated by him to a member of the University Faculty or of the staff of this University.

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*Rule initiated by Board of Trustees.

E. Administrative Reports

In a report to the Board of Trustees, President Fawcett emphasized some of the new dimensions in the University's development. Following the President's statement, each member of the President's Cabinet reported briefly on his area of administrative responsibility. It was agreed that time should be provided at subsequent meetings of the Board for reports in depth on the various administrative areas of the University.

The annual Financial Report of The Ohio State University and the Financial Report of The Ohio State University Endowment Funds for the fiscal year ending June 30, 1965, were reviewed briefly by Vice President Carson and he was instructed to mail a copy of each report to members of the Board of Trustees. The Chairman instructed the Secretary to file a copy of each of the above financial reports with the official documents of the Board of Trustees.

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September 14, 1965 meeting, Board of Trustees

Thereupon the Board adjourned to meet Thursday, October 14, 1965, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

John T. Mount
Secretary

Alan B. Loop
Chairman

APPENDIX II

DESIGNATION OF SPECIAL COUNSEL BY THE ATTORNEY GENERAL

Continuing Education Center Revenue Bonds
for Center for Tomorrow Project

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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 Continuing Education Center Revenue Bonds which are being issued to finance the Center for Tomorrow project on the campus of the University.

As Bond Counsel said firm shall assist and advise the University in the development of terms and conditions for financing of this project, 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, 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, certifications or other documents required from state officials, services on interim financing, including the rendering of an opinion thereon, and other extensive work in preparation of or review of prospectus or official statement for bidders, or preparation or review of new legislation.

Compensation for services rendered and to be rendered as Bond Counsel hereunder shall be \$1,400 plus (a) 75 cents per \$1,000 of principal amount of Bonds issued, (b) 25 cents for each \$1,000 or principal amount of Bonds issued 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, based upon transcript of services as approved by the Attorney General. 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 Continuing Education Center 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 III

DESIGNATION OF SPECIAL COUNSEL BY THE ATTORNEY GENERAL

Student Facilities Revenue Bonds

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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 Student Facilities Revenue Bonds which are being issued to finance a Student Health Facility, a Student Services Facility, a General College Union and an Olentangy River Dormitory Union project on the campus of the University.

As Bond Counsel said firm shall assist and advise the University in the development of terms and conditions for financing of this project, 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, 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, certifications or other documents required from state officials, services on interim financing, including the rendering of an opinion thereon, and other extensive work in preparation of or review of prospectus or official statement for bidders, or preparation or review of new legislation.

Compensation for services rendered and to be rendered as Bond Counsel hereunder shall be \$1,400 plus (a) 75 cents per \$1,000 of principal amount of Bonds issued, (b) 25 cents for each \$1,000 or principal amount of Bonds issued 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, based upon transcript of services as approved by the Attorney General. 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 Student Facilities 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 IV

DESIGNATION OF SPECIAL COUNSEL BY THE ATTORNEY GENERAL

The Ohio State University Hospital Revenue Bonds

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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 Hospital Revenue Bonds which are being issued to finance a Hospital Food Facility project on the campus of the University.

As Bond Counsel said firm shall assist and advise the University in the development of terms and conditions for financing of this project, 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, 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, certifications or other documents required from state officials, services on interim financing, including the rendering of an opinion thereon, and other extensive work in preparation of or review of prospectus or official statement for bidders, or preparation or review of new legislation.

Compensation for services rendered and to be rendered as Bond Counsel hereunder shall be \$1,400 plus (a) 75 cents per \$1,000 of principal amount of Bonds issued, (b) 25 cents for each \$1,000 or principal amount of Bonds issued 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, based upon transcript of services as approved by the Attorney General. 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 Hospital 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 V

(Form of Coupon Note)

UNITED STATES OF AMERICA

STATE OF OHIO

THE OHIO STATE UNIVERSITY
DORMITORY REVENUE NOTE, SERIES 1965

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(Form of Coupon Note)

UNITED STATES OF AMERICA

STATE OF OHIO

THE OHIO STATE UNIVERSITY
DORMITORY REVENUE NOTE, SERIES 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 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 _____ percent (_____ %) per annum until payment of such principal sum has been made or provided for, such interest to the maturity hereof being payable on _____, upon the presentation and surrender of the attached interest coupons representing such interest as the same respectively fall due. The interest on this note and the principal hereof are payable in any coin or currency which at the respective dates of payment thereof is legal tender for the payment of public or private debts at the principal office of _____.

The principal and interest hereof are payable solely from (a) the revenues of the Dormitory Facilities, as defined in the Trust Agreement between the University and The Ohio National Bank of Columbus, dated as of April 15, 1957, as supplemented by First through Fifth Supplemental Trust Agreement, after providing for reasonable and proper expenses of operation and maintenance thereof and all payments required from time to time to be made to the Special Funds created under such Trust Agreement, as supplemented, and (b) the proceeds of the sale of dormitory revenue bonds or notes issued pursuant to Section 3345.07 of the Revised Code of Ohio to refund this note; and neither the State of Ohio nor the University or its Board of Trustees is obligated to pay the same from any other funds or source, nor shall this note be a claim upon or lien against any other property of the State or the University, and this note is not a general obligation of the State or the University, and the full faith and credit thereof are not pledged thereto and the noteholders shall have no right to have any taxes levied, collected or applied for or to the payment hereof.

This note is one of a duly authorized issue of notes in the aggregate principal amount of Three Million Dollars (\$3,000,000) issued for the purpose of refunding a like principal amount of The Ohio State University Dormitory Revenue Notes dated as of September 16, 1963, under authority of, pursuant to and in full compliance with the general laws of the State of Ohio, particularly Section 3345.07 of the Revised Code, and pursuant to a Resolution of the Board of Trustees of said University duly adopted on the _____ day of September, 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 dormitory revenue 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

Form of Coupon Note - Dormitory Revenue Note, Series 1965

are established as duties specifically enjoined by law upon the University, its trustees and officers, and result from their respective offices, trusts or stations within the meaning of Section 2731.01 of the Revised Code of Ohio.

This note is executed on behalf of said Board of Trustees of The Ohio State University solely in their capacity as such Trustees and shall not constitute their personal obligation, either jointly or severally, in their individual capacities.

AND IT IS HEREBY CERTIFIED AND RECITED, that all acts, conditions and things necessary to be done precedent to and in the issuance of this note, in order to make it a legal, valid and binding obligation of said University and its Board of Trustees, have happened, been done and performed in regular and due form as required by law.

IN WITNESS WHEREOF, The Ohio State University and its Board of Trustees, jointly and severally, have caused this note to be executed by the facsimile signature of the President of the University, signed by the Vice President, Business and Finance, of the University, a facsimile of the official seal of the University to be imprinted hereon, and the interest coupons hereto attached to bear the facsimile signature of said Vice President, Business and Finance, all as of the fifteenth day of September, 1965.

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

By _____
President of The Ohio State University

(Facsimile Seal)

And By _____
Vice President, Business and Finance
of The Ohio State University

(Form of Coupons)

No. _____ \$ _____

On _____, The Ohio State University and its Board of Trustees will pay to bearer at the principal office of _____, upon the presentation and surrender hereof, the sum of _____ Dollars (\$ _____) in any coin or currency of the United States of America which at the time of payment is legal tender for the payment of public and private debts, solely from the special sources referred to in, and for the _____ interest then due upon its The Ohio State University Dormitory Revenue Note, Series 1965, dated as of September 15, 1965, No. _____.

(Facsimile Signature)
Vice President, Business and Finance
of The Ohio State University

APPENDIX VI

(Form of Registered Note)

UNITED STATES OF AMERICA

STATE OF OHIO

THE OHIO STATE UNIVERSITY
DORMITORY REVENUE NOTE, SERIES 1965

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(Form of Registered Note)

UNITED STATES OF AMERICA

STATE OF OHIO

THE OHIO STATE UNIVERSITY
DORMITORY REVENUE NOTE, SERIES 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 _____, or order 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 _____ per cent (____%) per annum until payment of such principal sum has been made or provided for, such interest to maturity hereof being payable on _____. The interest on this note and the principal hereof are payable solely from (a) the revenues of the Dormitory Facilities, as defined in the Trust Agreement between the University and The Ohio National Bank of Columbus, dated as of April 15, 1957, as supplemented by First through Fifth Supplemental Trust Agreement, after providing for reasonable and proper expenses of operation and maintenance thereof and all payments required from time to time to be made to the Special Funds created under such Trust Agreement, as supplemented, and (b) the proceeds of the sale of dormitory revenue bonds or notes issued pursuant to Section 3345.07 of the Revised Code of Ohio to refund this note; and neither the State of Ohio nor the University or its Board of Trustees is obligated to pay the same from any other funds or source, nor shall this note be a claim upon or lien against any other property of the State or the University, and this note is not a general obligation of the State or the University, and the full faith and credit thereof are not pledged thereto and the noteholders shall have no right to have any taxes levied, collected or applied for or to the payment hereof.

The interest on this note and the principal hereof are payable in any coin or currency which at the respective dates of payment thereof is legal tender for the payment of public or private debts. The principal is payable on presentation and surrender of this note at the principal office of _____ (herein called the "Paying Agent") and interest is payable to the registered owner hereof at such office or by check or draft mailed to the registered owner at his address as it appears on the registration books of the University kept on its behalf by the Paying Agent as note registrar. This note may be transferred only upon books kept for registration and transfer by the Paying Agent, upon surrender of this note at the principal office of the Paying Agent, together with an assignment duly executed by the registered owner or his attorney in form satisfactory to the Paying Agent. The person in whose name this note is registered shall be deemed and regarded as the absolute owner hereof for all purposes, and payment of or on account of the principal and the interest hereon shall be made only upon the order of such registered owner. All such payments shall be valid and effectual to satisfy and discharge the liability upon this note, including interest, to the extent of the sum or sums so paid.

Form of Registered Note - Dormitory Revenue Note, Series 1965

This note is one of a duly authorized issue of notes in the aggregate principal amount of Three Million Dollars (\$3,000,000) issued for the purpose of refunding a like principal amount of The Ohio State University Dormitory Revenue Notes, dated as of September 16, 1963, pursuant to and in full compliance with the general laws of the State of Ohio, particularly Section 3345.07 of the Revised Code, and pursuant to a Resolution of the Board of Trustees of said University duly adopted on the _____ day of September, 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 dormitory revenue 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, its Trustees and officers, by law and result from their respective offices, trusts or stations within the meaning of Section 2731.01 of the Revised Code of Ohio.

This note is executed on behalf of said Board of Trustees of The Ohio State University solely in their capacity as such Trustees and shall not constitute their personal obligation, either jointly or severally, in their individual capacities.

AND IT IS HEREBY CERTIFIED AND RECITED, that all acts, conditions and things necessary to be done precedent to and in the issuance of this note, in order to make it a legal, valid and binding obligation of said University and its Board of Trustees, have happened, been done and performed in regular and due form as required by law.

IN WITNESS WHEREOF, The Ohio State University and its Board of Trustees, jointly and severally, have caused this note to be executed on their behalf by the _____ and the _____ of said University, as of the 15th day of September, 1965.

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

By _____

(SEAL)

And By _____

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

Columbus, Ohio, October 14, 1965

The Board of Trustees met at its regular monthly meeting on Thursday, October 14, 1965, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

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

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The Chairman introduced the newly appointed member of the Board of Trustees of The Ohio State University, Dr. Bertram D. Thomas, who was appointed by Governor James A. Rhodes late yesterday (October 13, 1965) to fill the unexpired term of Carlton S. Dargusch, Sr., ending in May, 1970. Mr. Dargusch submitted his letter of resignation to the Governor on October 11, 1965.

Dr. Thomas is President of Battelle Memorial Institute, Columbus, Ohio, and is an internationally known research scientist and administrator. He was recognized for his many professional and civic achievements by The Ohio State University in June, 1963, when he was awarded the honorary Doctor of Science degree.

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Minutes of the last meeting were approved.

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President Fawcett added a cordial expression of welcome to Dr. Thomas as a member of the Board of Trustees. President Fawcett indicated further that Dr. Thomas has accepted an invitation extended in June to give the address at the Autumn Quarter Commencement on December 17, 1965.

President Fawcett made the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Establishment of the "Robert Lazarus Professorship"

President Fawcett expressed great pleasure and gratification in reporting that the members of the family of Mr. Robert Lazarus, Sr. have provided sufficient funds for the establishment of a "Named Professorship" in accordance with the conditions set forth by the Board of Trustees at the January 14, 1965 meeting. The family has requested that the professorship be designated the "Robert Lazarus Professorship," and that it be established in honor of Mr. Robert Lazarus, Sr., with the understanding that the field to which the professorship will be applied is to be selected by Mr. Robert Lazarus, Sr. in consultation with Dr. John Weaver, Vice President for Academic Affairs and Dean of Faculties, subject, of course, to the approval of the Board of Trustees.

It is recommended that the Board of Trustees approve the establishment of the "Robert Lazarus Professorship," in accordance with the conditions set forth above.

Upon motion of Mr. Davis, seconded by Mr. Jones, the Board of Trustees by unanimous roll call vote approved the establishment of the "Robert Lazarus Professorship."

B. Establishment of the Wright State Campus

Pursuant to the enactment of the Amended Substitute Senate Bill 210, the Dayton Campus of Miami University and The Ohio State University will on November 5, 1965, be identified officially as the Wright State Campus. The legislation further stipulates that the Boards of Trustees of Miami University and The Ohio State University shall, in consultation with the Wright State Campus Advisory Committee, do all those things necessary for the creation, proper maintenance, and successful operation of the institution with the goal of developing a state university.

Further, the Boards shall employ, fix the compensation, and remove the professors, teachers, administrative personnel, and such other employees of the Wright State Campus as necessary.

I. GENERAL RECOMMENDATIONS (continued)

B. Establishment of the Wright State Campus (continued)

In compliance with the above referred to legislation, the Presidents of the two universities (Miami and Ohio State) are in the process of selecting an academic leader for the Wright State Campus, subject, of course, to the approval of the governing boards of the two institutions.

It is further recommended that effective November 5, 1965, all documents pertaining to the "Dayton Campus of Miami University and The Ohio State University" be identified with the new name--"Wright State Campus."

Upon motion of Mr. Allyn, seconded by Mr. Bricker, the Board of Trustees approved the above recommendations by unanimous vote.

C. The Ohio State University to Provide Inter-University Services As Requested by the Board of Regents

The Ohio State University in the preservation of its unique role in the fields of advanced graduate education, professional education, and research has a responsibility to serve as a central focus in the development of unusual programs in service to a variety of institutional and public needs. Where appropriate this University should provide leadership in the evolving ventures, such as the proposed Ohio Regional Educational Laboratory authorized under the provisions of Public Law 89-10, Title IV. In support of this philosophy, the Board of Regents on September 17, 1965, adopted the following resolution:

BE IT RESOLVED: that the Ohio Board of Regents hereby requests the Board of Trustees of The Ohio State University to authorize its administrative officials to perform services of an inter-university nature for all publicly assisted institutions of higher education in Ohio as may be requested by the Board of Regents from time to time or as may be requested by the Chancellor of the Board of Regents from time to time, with the understanding that appropriate financial arrangements will be made for the support of such services.

It is recommended that the Board of Trustees authorize the President and such other administrative officials of the University as may be designated by him to perform the services referred to in the above resolution with the understanding that the University will be reimbursed for the services rendered.

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

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II. PERSONNEL CHANGES

It is recommended that all personnel changes since the September 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 Appointments, Promotions and Changes in Administrative Responsibilities, Leaves of Absence Without Salary, and Emeritus Title:

II. PERSONNEL CHANGES (continued)

A. Appointments

Donald G. Lux, Professor, School of Education, effective October 1, 1965, at a salary of \$13,668.00 per annum.

Tien H. Wu, Professor, Department of Civil Engineering, effective October 1, 1965, at a salary of \$16,368.00 per annum.

B. Promotions and Changes in Administrative Responsibilities

Richard H. Zimmerman from Professor, Department of Mechanical Engineering, to Dean of the General College, effective October 1, 1965, at a salary of \$21,372.00 per annum.

Arthur D. Lynn, Jr. from Associate Dean of the College of Commerce and Administration to Associate Dean of Faculties for Program Development (part time - 80%), Office of Academic Affairs, effective October 1, 1965, at a salary of \$18,000.00 per annum. Dr. Lynn will also hold an appointment as Professor (part time - 20%) in the Department of Economics, at a salary of \$4,476.00 per annum. (He will continue to hold the rank of Associate Dean in the College of Commerce and Administration at No Salary.)

C. Leaves of Absence Without Salary

Clinton L. Warne, Associate Professor, Department of Economics, effective October 1, 1965 through September 30, 1966, to teach at Northwestern University.

Klaus J. Hansen, Instructor, Department of History, effective October 1, 1965 through September 30, 1966, to accept a Visiting Assistant Professorship at Utah State University, Logan, Utah.

Leona Mourad, Instructor, School of Nursing, effective October 1, 1965 through June 30, 1966, to participate in a program of graduate education at The Ohio State University.

D. Emeritus Title

Cedric E. Hesthal, Department of Physics, with the title Associate Professor Emeritus, effective February 1, 1966.

Upon motion of Mr. France, seconded by Mr. Davis, the Appointments, Promotions and Changes in Administrative Responsibilities, Leaves of Absence Without Salary, Emeritus Title, and personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll" 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, 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. #7 - College of Pharmacy).
Gross Value - \$20,640.00.
- b. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for Psychophysiology of Congenital Retinal Disease (to be known as National Institutes of Health Project No. 992 - Ext. #6 - Institute for Research in Vision).
Gross Value - \$22,560.00.
- c. Department of the 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. #11 - Defense Management Center).
Gross Value - \$70,000.00.
- d. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for Effect of Antimetabolites on the Chick Embryo (to be known as National Institutes of Health Project No. 1168 - Ext. #5 - Department of Poultry Science).
Gross Value - \$15,037.00.
- e. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for An Investigation of Dental Writing (to be known as National Institutes of Health Project No. 1169 - Ext. #5 - School of Journalism).
Gross Value - \$22,923.00.
- f. Department of Health, Education, and Welfare, 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. #4 - Department of Surgery).
Gross Value - \$67,351.00.

October 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)

- g. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for a Cooperative Study of Renovascular Hypertension (to be known as National Institutes of Health Project No. 1346 - Ext. #4 - Department of Surgery).
Gross Value - \$41,153.00.
- h. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C. , for Improving Competence of Nursing Faculty in Research (to be known as Bureau of State Services Project No. 1384 - Ext. #3 - School of Nursing).
Gross Value - \$24,000.00.
- i. Department of Health, Education, and Welfare, 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. #3 - College of Pharmacy).
Gross Value - \$16,453.00.
- j. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for Operant Conditioning in Retardates (to be known as National Institutes of Health Project No. 1524 - Ext. #3 - Department of Psychiatry).
Gross Value - \$16,007.00.
- k. 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. #13 - Department of Medicine).
Gross Value - \$9,000.00.
- l. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C. , for The Nurse-Monitor in a Patient-Care System (to be known as Bureau of State Services Project No. 1651 - Ext. #2 - Engineering Experiment Station).
Gross Value - \$44,940.00.
- m. 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 #2 - Department of Speech).
Gross Value - \$24,000.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- n. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C., for an Investigation of Multiple Isoenzyme Characterization of Serum, Organs (to be known as Bureau of State Services Project No. 1700 - Ext. #1 - Department of Preventive Medicine).
Gross Value - \$1,875.00.
- o. 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 - C. O. #2 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$20,000.00.
- p. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Factors Controlling Testicular Tissue (to be known as National Institutes of Health Project No. 1786 - Ext. #2 - Department of Dairy Science).
Gross Value - \$32,548.00.
- q. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Redox Chemistry of Cobalamins (to be known as National Institutes of Health Project No. 1792 - Ext. #1 - Department of Chemistry).
Gross Value - \$13,110.00.
- r. Department of Health, Education, and Welfare, 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. #2 - Department of Surgery).
Gross Value - \$37,159.00.
- s. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Receptive Fields of Mesencephalon (to be known as National Institutes of Health Project No. 1881 - Ext. #1 - School of Optometry).
Gross Value - \$10,872.00.
- 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 - C. O. #1 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$90,000.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- u. Federal Aviation Agency, Washington, D. C., for Experimental Private Pilot Training Program (to be known as Federal Aviation Agency Project No. 1995 - Mod. #1 - Department of Aviation). Gross Value - \$8,904.00.
- v. 2750th Air Base Wing (EWP), Wright-Patterson Air Force Base, Ohio, for Laser System Technology (A 2-Week Course, 9/13/65 - 9/24/65) (to be known as 2750th Air Base Wing Project No. 2066 - New - Department of Electrical Engineering). Gross Value - \$7,400.00.
- w. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Bifunctional Catalysis of Hydrogen Exchange (to be known as National Institutes of Health Project No. 2078 - New - Department of Chemistry). Gross Value - \$21,108.00.
- x. National Science Foundation, Washington, D. C., The Study of the Mechanism of Electronic Energy Transfer Between Molecules (to be known as National Science Foundation Project No. 2083 - New - Department of Aeronautical and Astronautical Engineering). Gross Value - \$35,300.00.
- y. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Human Spermatic Vein Steroids (to be known as National Institutes of Health Project No. 2084 - New - Department of Medicine). Gross Value - \$14,579.00.
- z. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Biophysical Mechanisms of Induced Cardiac Arrhythmias (to be known as National Institutes of Health Project No. 2085 - New - Department of Pharmacology). Gross Value - \$49,640.00.
- aa. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Some Aspects of Iron Metabolism (to be known as National Institutes of Health Project No. 2086 - New - Institute of Nutrition and Food Technology). Gross Value - \$13,728.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- bb. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Fluid and Protein Shifts with Various Fluid Infusions (to be known as National Institutes of Health Project No. 2087 - New - Department of Surgery).
Gross Value - \$37,855.00.
- cc. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C., for Concentration of Chemicals by Floc Forming Organisms (to be known as Bureau of State Services Project No. 2088 - New - Department of Microbiology).
Gross Value - \$22,900.00.
- dd. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Effect of Diffusion Coefficients on Drug Absorption (to be known as National Institutes of Health Project No. 2089 - New - College of Pharmacy).
Gross Value - \$8,128.00.
- ee. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Polyunsaturated Fatty Acid Interconversions (to be known as National Institutes of Health Project No. 2090 - New - Department of Physiological Chemistry).
Gross Value - \$18,080.00.
- ff. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C., for Driver Sensory Capabilities and Its Effect on Driving Task (to be known as Bureau of State Services Project No. 2091 - New - Department of Industrial Engineering).
Gross Value - \$49,836.00.
- gg. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for Effect of Order on Energy Levels in Sensitizers (to be known as National Institutes of Health Project No. 2092 - New - Department of Physics).
Gross Value - \$12,861.00.
- hh. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for Effect of Hyperoxia on Normal and Neoplastic Cells (to be known as National Institutes of Health Project No. 2094 - New - Department of Medicine).
Gross Value - \$7,940.00.

October 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)

- ii. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Tryptophan Metabolism in Neoplastic Disease (to be known as National Institutes of Health Project No. 2095 - New - Department of Medicine).
Gross Value - \$13,256.00.
- jj. Electronic Systems Division, AFSC, Laurence G. Hanscom Field, Bedford, Massachusetts, Direct Scattering Investigations (to be known as Electronic Systems Division Project No. 2097 - New - Department of Electrical Engineering).
Gross Value - \$74,986.00.

TOTAL - Government Contracts - Federal \$996,129.00

2. Industrial and Other Contracts

- a. Illuminating Engineering Research Institute, 345 East 47th Street, 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. #8 - Institute for Research in Vision).
Gross Value - \$1,680.00.
- 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. #9 - Department of Chemistry).
Gross Value - \$5,766.00.
- c. Illuminating Engineering Research Institute, 345 East 47th Street, New York, New York, for Studies of Visual Performance and Illumination (to be known as Illuminating Engineering Research Institute Project No. 885 - Ext. #8 - Institute for Research in Vision).
Gross Value - \$23,820.00.
- d. American Heart Association, 44 East 23rd Street, New York, New York, Heart Research (to be known as American Heart Association Project No. 1898 - AHA Ltr. 9/2/65 - Department of Physiological Chemistry).
Gross Value - \$1,000.00.
- e. The Bendix Corporation, Bendix Systems Division, 3300 Plymouth Road, Ann Arbor, Michigan, Problems of U. S. Defense Policy in a World of Nuclear Proliferation (to be known as The Bendix Corporation Project No. 2081 - New - Mershon Center for Education).
Gross Value - \$23,994.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

2. Industrial and Other Contracts (continued)

- f. Organization of American States, Department of Scientific Affairs, Pan American Union, Washington, D. C., Analysis of Census Data Requirements for Human Resources Planning in Latin America (to be known as Organization of American States, Department of Scientific Affairs Project No. 2093 - New - Department of Economics).
Gross Value - \$1,055.28.
- g. The National Education Association, 1201 - 16th Street, N. W., Washington, D. C., Language Instruction for the Deaf (to be known as The National Education Association Project No. 2096 - New - Department of Speech).
Gross Value - \$39,889.00.
- h. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Effects of Hypocapnia on Cardiac Performance (to be known as Central Ohio Heart Association Project No. 2098 - New - Department of Physiology).
Gross Value - \$5,381.25.
- i. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Digitalis Assay in Man (to be known as Central Ohio Heart Association Project No. 2099 - New - Department of Medicine).
Gross Value - \$7,900.20.
- j. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Investigation of the Biochemical Basis for the Myocardial Response to Catecholamines (to be known as Central Ohio Heart Association Project No. 2100 - New - Departments of Medicine and Physiological Chemistry).
Gross Value - \$10,049.55.
- k. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Mechanism of Antifibrillatory Drug Action on Cardiac Cell Transmembrane and Action Potentials (to be known as Central Ohio Heart Association Project No. 2101 - New - Department of Pharmacology).
Gross Value - \$8,925.00.
- l. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Investigation of Resolution of Unipolar Thoracic Electrocardiograms from Orthogonal Leads (to be known as Central Ohio Heart Association Project No. 2102 - New - Department of Veterinary Physiology and Pharmacology).
Gross Value - \$5,985.00.

October 14, 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 (continued)

- m. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, An Experimental Evaluation of Pulmonary Embolectomy (to be known as Central Ohio Heart Association Project No. 2103 - New - Department of Surgery).
Gross Value - \$8,242.50.
- n. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Investigation of Pressure-Flow Relationships of Brain Circulation (to be known as Central Ohio Heart Association Project No. 2104 - New - Department of Medicine).
Gross Value - \$15,375.15.
- o. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Investigation of Right Ventricular Function in Cor Pulmonale (to be known as Central Ohio Heart Association Project No. 2105 - New - Department of Medicine).
Gross Value - \$6,174.00.
- p. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Influence of Sympathetic Mediators on Susceptibility of Cardiac Arrhythmias (to be known as Central Ohio Heart Association Project No. 2106 - New - Department of Pharmacology).
Gross Value - \$7,350.00.
- q. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Genetic Studies of Heart Disease (to be known as Central Ohio Heart Association Project No. 2107 - New - Department of Medicine).
Gross Value - \$8,283.45.
- r. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Staging Procedure in the Correction of Tetralogy of Fallot (to be known as Central Ohio Heart Association Project No. 2108 - New - Department of Surgery).
Gross Value - \$5,662.34.
- s. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, The Accumulation of Glycogen in the Rat Heart (to be known as Central Ohio Heart Association Project No. 2109 - New - Department of Pathology).
Gross Value - \$7,350.00.
- t. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, The Effect of Magnesium Deficiency Upon the Storage and Uptake of Catecholamines in the Heart of the Rat (to be known as Central Ohio Heart Association Project No. 2110 - New - Department of Pharmacology).
Gross Value - \$5,775.00.

October 14, 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 (continued)

- u. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Investigation of Blood Catechol Levels During Experimentally Induced Emotion in Man (to be known as Central Ohio Heart Association Project No. 2111 - New - Department of Pharmacology). Gross Value - \$7,266.00.
- v. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Comparison of Characteristics of Subcutaneous Connective Tissue with Severity of Atherosclerosis (to be known as Central Ohio Heart Association Project No. 2112 - New - Department of Physiology). Gross Value - \$6,352.50.
- w. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Behavior of Vascular Strips in Vitro: Response of Cerebral Artery Strips to Pharmacologic Agents (to be known as Central Ohio Heart Association Project No. 2113 - New - Department of Surgery). Gross Value - \$8,400.00.
- x. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Electrophysiological Investigations of Atrial Excitation (to be known as Central Ohio Heart Association Project No. 2114 - New - Department of Veterinary Physiology and Pharmacology). Gross Value - \$3,255.00.

TOTAL - Industrial and Other Contracts \$224,931.22

The foregoing sixty contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$1,221,060.22.

Upon motion of Mr. Allyn, 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 by unanimous vote.

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

During the period from August 27, 1965 through September 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.

October 14, 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 272 Comparative Evaluation of Amber-Red Taillight System and the Conventional System, Ohio Department of Highways, Columbus, Ohio, Bureau of Public Roads, Washington, D. C.
Gross Value - \$32,500.00.

SC 50 O. C. D. Architectural and Engineering Professional Development Courses, Office of Civil Defense, Department of the Army, Washington, D. C.
Gross Value - \$14,390.00.

TOTAL - Government Research Contracts \$46,890.00

2. Industrial Research Contracts

EES 243 A Study of Brake Lining Characteristics to Develop Quality
Ext. #3 Control Tests, The Ford Motor Company, Ford Division,
Dearborn, Michigan.
Gross Value - \$31,800.00.

EES 270 Research in the Evaluation of Ball Clay Materials,
Charles Pfizer and Company, Incorporated, New York,
New York.
Gross Value - \$4,362.00.

EES 271 Structural Dampening in Composite Panels, American
Institute of Steel Construction, Incorporated, New York,
New York.
Gross Value - \$1,800.00.

TOTAL - Industrial Research Contracts \$37,962.00

The foregoing five contracts for research in the Engineering Experiment Station represent a gross income of \$84,852.00.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University are among those received since September 14, 1965, 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. \$125,016.00 granted by the Department of Health, Education, and Welfare, Public Health Service, Division of Nursing, Washington, D. C. 20201, to the University for "Public Health Service Traineeship Grant," under the direction of Professor Mildred E. Newton, School of Nursing, for the period September 1, 1965 through August 31, 1966. (Grant NT-29-C9)
2. \$14,864.00 granted by the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Cancer Training," under the direction of Dr. Emmerich von Haam, Department of Pathology, for the period September 1, 1965 through June 30, 1966. (Grant T2 CA 469-19)

TOTAL - Through the Office of Business and Finance \$139,880.00

B. Received Through the Development Fund

1. \$100,470.00 in cash and securities from the family of Mr. Robert Lazarus, Sr. for the establishment of the following Fund within the University's Endowment Fund.

The Robert Lazarus Professorship

The Robert Lazarus Professorship was established September 20, 1965, by gifts through the Development Fund from Mrs. Robert Lazarus, Mr. and Mrs. Robert Lazarus, Jr., Dr. and Mrs. Howard D. Sirak, Mr. and Mrs. Richard Witkind, Mr. and Mrs. Junius Hoffman, Mr. and Mrs. Fred Lazarus, Jr., Mr. and Mrs. Jeffrey L. Lazarus, Mr. and Mrs. Ralph Lazarus, and Mr. and Mrs. Charles Y. Lazarus in honor of the seventy-fifth birthday of Robert Lazarus.

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

The income is to be used to support a professorship at The Ohio State University.

2. \$14,000.00 from Ohio Lions Eye Research Foundation, Columbus, Ohio--\$10,000.00 for Ohio Lions Club Blindness Research and \$4,000.00 for the Institute for Research in Vision.
3. \$10,050.00 from Union Carbide Corporation--\$3,550.00 for the Union Carbide Corporation Fellowship in Chemical Engineering, \$3,000.00 for the Union Carbide Corporation Fund for Mechanical Engineering, and \$3,500.00 for the Union Carbide Corporation Fellowship - Welding Engineering.

October 14, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

4. \$10,000.00 from The Friedman Foundation to be added to the fund for the construction of a new residence for the President.
5. \$8,510.00 from the Estate of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund.
6. \$7,800.00 from United States Steel Foundation, Inc. for the United States Steel Foundation Fellowship Fund.
7. \$6,330.00 from Owens-Illinois Glass Company, Toledo, Ohio, for undergraduate scholarships.
8. \$5,000.00 from Sears Roebuck Foundation, Chicago, Illinois, for undergraduate scholarships.
9. \$5,000.00 from The F. & R. Lazarus and Company to be added to the James E. Hagerty Chair Fund.
10. \$5,000.00 from The National Machinery Foundation, Tiffin, Ohio, to be added to the fund for the construction of a new residence for the President.
11. \$5,000.00 from The General Electric Foundation, Ossining, New York, for the 1965-66 Graduate Research and Study Grant in Chemistry.
12. \$4,900.00 from State Farm Mutual Automobile Insurance Company for the State Farm Mutual Automobile Insurance Company Fund.
13. \$4,780.00 from Shell Companies Foundation for the Shell Companies Foundation Fellowship Fund in Chemical Engineering.
14. \$4,645.00 from American Oil Foundation for the American Oil Foundation Fellowship Fund.
15. \$4,500.00 from Kennecott Copper Corporation for the Kennecott Copper Corporation Fellowship in Metallurgical Engineering.
16. \$4,000.00 from The Gluck Educational Foundation, Inc. and Arthur and Flora Gluck for the establishment of two funds--\$2,000.00 for The Gluck Grandchildren Fund and \$2,000.00 for The Helen Gluck Fund.

The Gluck Grandchildren Fund

The Gluck Grandchildren Fund was established September 23, 1965, by a gift through the Development Fund from The Gluck Educational Foundation, Inc. and Arthur Gluck and Flora Gluck to honor their grandchildren Deborah Zeidman, Barry Zeidman, Josiah Gluck, Theodore Gluck, and Sebastian Gluck.

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

16. The Gluck Grandchildren Fund (continued)

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

The income may be used to aid a graduate student of medicine who has successfully completed the general examinations toward the Ph.D., Sc.D., or an equivalent terminal degree and has selected a research project in the field of hypertension. The income may be used along with other monies available to supplement a stipend or a research project in the aforementioned field.

The income is to be awarded only for basic research (not for applied technology or for a clinical project) in the College of Medicine. The appointment of the recipient of this money is to be made by Dwight M. Palmer, M.D., the Director of the Division of Neurology in consultation with Dr. Richard L. Meiling, Dean of the College of Medicine.

In the event the need for this income in the area stipulated should cease to exist or so diminish as to create unused income, then the Board of Trustees may use said income in its discretion, preference to be given, however, to basic work in the field of medicine but not to any applied technology.

The Helen Gluck Fund

The Helen Gluck Fund was established September 23, 1965, by a gift through the Development Fund from The Gluck Educational Foundation, Inc. and Arthur Gluck and Flora Gluck to honor Helen Gluck.

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

The income may be used to aid a graduate student of medicine who has successfully completed the general examinations toward the Ph.D., Sc.D., or an equivalent terminal degree and has selected a research project in the field of hypertension. The income may be used along with other monies available to supplement a stipend or a research project in the aforementioned field.

The income is to be awarded only for basic research (not for applied technology or for a clinical project) in the College of Medicine. The appointment of the recipient of this money is to be made by Dwight M. Palmer, M.D., the Director of the Division of Neurology in consultation with Dr. Richard L. Meiling, Dean of the College of Medicine.

In the event the need for this income in the area stipulated should cease to exist or so diminish as to create unused income, then the Board of Trustees may use said income in its discretion, preference to be given, however, to basic work in the field of medicine but not for any applied technology.

October 14, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

17. \$3,875.00 from International Business Machines Corporation for the International Business Machines Corporation Fellowship Fund.
18. \$3,000.00 from Allied Chemical Corporation for the Allied Chemical Corporation Fellowship Fund.
19. \$2,000.00 from Mr. Mervin B. France to be added to the fund for the construction of a new residence for the President.
20. \$1,720.00 from Hoffman-LaRoche, Inc. for the John N. Teteris Research Fund.
21. \$1,500.00 from Ayerst Laboratories for the Ayerst Laboratories Fund.
22. \$1,000.00 from the American Optical Company for the Optometric Development Fund.

TOTAL - Received Through the Development Fund \$213,580.00

Upon motion of Mr. Jones, 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.

C. Report from The Ohio State University Development Fund

In August, 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	630	\$ 73,130.41
Individuals other than alumni	39	1,846.99
Nonprofit organizations	25	73,081.73
Business concerns	22	46,670.25
	<u>716</u>	<u>\$194,729.38</u>

Of these gifts, 517 totaling \$5,622.10 were undesignated and 199 totaling \$189,107.28 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 Subaccounts as designated:

October 14, 1965 meeting, Board of Trustees

V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

A. Appropriations for Research Projects (continued)

\$8, 200. 00 to the College of Agriculture and Home Economics for the preparation of space in the Botany and Zoology Building for research in population genetics	Subaccount (b)
\$6, 500. 00 to the Graduate School for publication costs of scholarly publications	Subaccount (f)

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

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VI. EXTRA AND CREDIT ORDERS AND EXTENSIONS OF TIME TO CONTRACTS

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

A. Extra Orders to Contracts

1. Taylor Tower	\$ 1, 402. 00
2. Ohio Union - West Terrace Dining Room Expansion	1, 598. 00
3. Modernization of Commerce and Administration Facilities, Page and Hagerty Halls	7, 124. 70
4. Garage, Phase I	735. 70
5. Pharmacy Building	5, 154. 48
6. Lima Campus, General Academic Facility	1, 039. 43
7. Chemical Research Facilities	1, 057. 00
8. Van de Graaff Accelerator, Addition to Evans Laboratory	2, 100. 00
9. Installation of New Heating Boiler to Carry Medical Center Load	3, 616. 00
10. Engineering Classrooms and Laboratories	<u>19, 185. 00</u>
Total	<u>\$43, 012. 31</u>

B. Credit Orders to Contracts

1. Houck House	\$ 1, 852. 00
2. Nosker and Archer Houses	2, 775. 00
3. Repairs and Improvements to Ohio Stadium Press Box	<u>2, 487. 00</u>
Total	<u>\$ 7, 114. 00</u>

C. Extensions of Time for Completion of Contracts

1. Antenna Laboratory, Control Facility at Saucer Laboratory	3 weeks
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VI. EXTRA AND CREDIT ORDERS AND EXTENSIONS OF TIME TO CONTRACTS
(continued)

C. Extensions of Time for Completion of Contracts (continued)

2. Materials Engineering and Science Building
(Renovation of Chemical Abstracts Building) 6 weeks

Upon motion of Mr. Shocknessy, seconded by Mr. Bricker, 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. Dodd Hall - Entrance Repairs

This project provides a sheltered entrance to protect patients in wheel chairs and on crutches from the weather when entering or leaving the hospital.

Funds for this project are provided from the University Hospital Rotary.

B. Hamilton Hall - Repairs to Rooms 200 and 201

This provides office and laboratory space for two research people.

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

C. Hamilton Hall - Repairs to Rooms 107, 114, 115-A, 115-B, 204-A, and 214-A

Provision of space for two new faculty members and additional space for several members on the present faculty and development of an advanced research-spectroscopy laboratory complex.

Funds for this project will be provided from Budget Account 960200.

Upon motion of Mr. France, seconded by Mr. Jones, the above recommendation was approved by unanimous 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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October 14, 1965 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS

It is recommended that the award of contracts without further competitive bidding for the following project be approved by the Board of Trustees:

A. Construction of Curl Drive

In order to expedite the completion of this project from Peasley Street to Neil Avenue, the contractors for the original project have agreed to furnish additional work for a price based on the same unit cost as their original contracts. The State Controlling Board authorized this award without further competitive bidding on October 7, 1965.

<u>General Contract</u>			
N. J. LeCrone	(Columbus)	<u>Add</u>	\$50,745.60
<u>Electrical Contract</u>			
Gustav Hirsch Organization, Inc.	(Columbus)	<u>Add</u>	7,230.00
Total			<u>\$57,975.60</u>

Funds are available for this work in Item 033, H. B. 202 and Budget Account 921300.

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

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IX. CONTROLLING BOARD APPROVALS

Each numbered approval shown below accomplishes the following purpose:

- 5 Approves the acquisition of property and buildings located at 107 West Eleventh Avenue.
- 6 Transfers \$711,066.00 from Item 035 Equipment and Improvements, H. B. 949, to Item 017 Dayton Branch, H. B. 949, to provide funds for movable equipment and contingency.
- 7 Transfers \$228,936.00 from Item 035 Equipment and Improvements, H. B. 949, to Item 018 Plans and Buildings for Lima Branch, H. B. 949, to provide funds for movable equipment and contingency.
- 8 Transfers \$250,122.00 from Item 035 Equipment and Improvements, H. B. 949, to Item 019 Plans and Buildings for Mansfield Branch, H. B. 949, to provide funds for movable equipment and contingency.
- 9 Transfers \$378,544.00 from Item 035 Equipment and Improvements, H. B. 949, to Item 007 Engineering Classrooms and Laboratories, H. B. 949, to provide funds for movable equipment and contingency.

IX. CONTROLLING BOARD APPROVALS (continued)

- 10 Transfers \$81, 884.00 from Item 035 Equipment and Improvements, H. B. 949, to Item 010 Chemistry Research Facilities, H. B. 949, to provide funds for movable equipment and contingency.
- 11 Transfers \$281, 627.00 from Item 035 Equipment and Improvements, H. B. 949, to Item 014 Pharmacy Building, H. B. 949, to provide funds for movable equipment.
- 12 Transfers \$30, 640.00 from Item 035 Equipment and Improvements, H. B. 949, to Item 016 College of Medicine - Plans (Medical Center Boiler), H. B. 949, to provide funds for contingency.
- 13 Transfers \$52, 865.00 from Item 035 Equipment and Improvements, H. B. 949, to Item 021 Modernization of Orton Hall and Mendenhall Laboratory, H. B. 949, to provide funds for movable equipment and contingency.
- 14 Transfers \$25, 709.00 from Item 035 Equipment and Improvements, H. B. 949, to Item 024 Modernization of Commerce and Administration Buildings, H. B. 949, to provide funds for movable equipment and contingency.
- 15 Transfers \$7, 876.00 from Item 035 Equipment and Improvements, H. B. 949, to Item 030 Utility Services Extension, H. B. 949, to provide funds for contingency.
- 17 Transfers \$7, 024.00 from Item 035 Equipment and Improvements, H. B. 949, to Item 025 Olentangy River Improvement, H. B. 949, for contingency for channel clearance.
- 18 Transfers \$7, 251.00 from Item 035 Equipment and Improvements, H. B. 949, to Item 029 Pulsed Van de Graaff Accelerator Facility, H. B. 949, to provide funds for movable equipment and contingency.
- 19 Transfers \$177, 000.00 from Item 032 Humanities Center, H. B. 949, to a new account, Item 036, Main Library Improvements, H. B. 949, releases this amount and authorizes construction without competitive bidding by force account.

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X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Water Line Easement - City of Lima, Ohio

The City of Lima has requested an easement for the construction, maintenance, and service of a water line to serve the Branch Campus at Lima.

It is recommended that the Vice President for Business and Finance be authorized to execute a water line easement with the City of Lima, Ohio, on behalf of the Board of Trustees.

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

October 14, 1965 meeting, Board of Trustees

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

B. Employment of Architects - Dayton Campus, Phase IV
(Science Building No. 2)

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

The fee for this service will be computed on the basis of 6 per cent of the first \$1,000,000.00, 5 1/2 per cent of the second \$1,000,000.00, and 5 per cent of all over \$2,000,000.00 of the construction cost or an estimated \$132,500.00. Funds will be provided from Item 002, H. B. 949.

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

C. Supplement to Engineer's Contract - Construction of Curl Drive

Jones, Stuckey and Barrett, Engineers, were employed in November, 1964, for engineering services to include construction drawings for this project but preparation of specifications and supervision for the section between College Road and Peasley Street only.

It is now recommended that their contract be amended to provide the final specifications and field supervision of construction for that portion of the project for Curl Drive from Peasley Street to Neil Avenue.

The fee for this service will be \$1,460.00 payable from Item 033, H. B. 202.

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

D. Revised Engineering Services - Jones Tower

The Board of Trustees at their January, 1965, meeting approved the employment of W. E. Monks to perform complete engineering services for the Mechanical and Electrical Divisions of this project. Since this building was to be similar in most respects to Drackett and Taylor Towers, the fee was 2.125 per cent of the cost of the mechanical and electrical work.

The plans for Jones Tower have now been revised, and it is therefore recommended that the action of the Board in respect to the employment of W. E. Monks be voided and that a contract be prepared for this firm to provide complete professional engineering services for the heating, ventilating, and air conditioning; plumbing and electrical work; including design, preparation of drawings, specifications, and estimate of cost; and complete field supervision of construction. The fee should be calculated at 5 per cent of the cost of the mechanical and electrical work and funds will be provided from the Dormitory Construction Fund.

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

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

E. Purchase of Buildings and Property - 70 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 the estate of Lena O'Neil at a price of \$17,000.00:

Property known as 70 West Tenth Avenue, being
Lot #29, College Place Addition, City of Columbus,
County of Franklin, State of Ohio.

Funds are available in the University Treasurer General Fund.

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

F. Special Policeman Commission

At the request of the Vice President for Business and Finance, it is recommended that Elden Winfield Lawson 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. Lawson, 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. Davis, seconded by Mr. Allyn, 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 Clyde Tucker Morris, Professor Emeritus in the Department of Civil Engineering. In accordance with the instructions of the Board of Trustees, a copy of the following resolution expressing on behalf of the University the sorrow and sympathy of the Board has been furnished the family of the deceased.

A. Clyde Tucker Morris

The Board of Trustees expresses its sorrow at the death on August 25, 1965, of Clyde Tucker Morris, Professor Emeritus of Civil Engineering.

Clyde Tucker Morris was born in Morrow County, Ohio, on April 19, 1877. He was graduated from North High School in Columbus, Ohio, in 1894. He received the Civil Engineer degree from The Ohio State University in 1898. From the time of his graduation until 1906, he served in various engineering positions with steel bridge fabricators in the State of Ohio and the State of Washington.

October 14, 1965 meeting, Board of Trustees

XI. RESOLUTION IN MEMORIAM

A. Clyde Tucker Morris (continued)

Mr. Morris joined the Department of Civil Engineering at The Ohio State University as an Associate Professor in 1906 and was promoted to Professor in 1908. He served as Chairman of the Department from 1937 to 1947.

Clyde T. Morris was the author of several textbooks and of many technical papers and publications. He revised the textbook, Stresses in Structures, after the death of the original author, A. H. Heller. He was the author of the textbook, Simple Steel Structures, and he was co-author with S. T. Carpenter of the text, Structural Frameworks. Professor Morris was active in research and co-authored several of The Ohio State University Engineering Station Bulletins (Nos. 37, 40, 48, and 66).

Professor Morris was recognized as an authority on bridge and building structures and was a consulting or construction engineer on many structures including: Lower Arch Bridge, Niagara Falls; Dresden Suspension Bridge, Ohio River Suspension Bridge, Point Pleasant; American Insurance Union Building, Columbus, Ohio (now the LeVeque-Lincoln Tower); and The Ohio State University Stadium. He served as Chief Engineer of Bridges for the State of Ohio, 1911-12; and as Chairman of the Board of Inquiry, the Ohio Department of Highways, 1937-38. After his retirement in 1947, he continued his work as a consultant on building bridges to the City of Dayton, Ohio, and to the City of Long Beach, California.

Professor Morris was a member of Acacia, Triangle, Sigma Xi, Tau Beta Pi, and Chi Epsilon Fraternities. He also held membership in the following professional societies: American Society of Civil Engineers, American Concrete Institute, American Society of Engineering Education, American Railway Engineering Association, Engineers Club of Columbus, Ohio, and Ohio Society of Professional Engineers. He was very active on numerous national committees of both the ASCE and AREA and served as a Director of the American Society of Civil Engineers, 1929-32.

After his retirement, he was awarded an Honorary Doctor of Science degree by The Ohio State University in 1952.

The engineering profession has lost a most enthusiastic member and a strong exponent of education and research.

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. Critical Need for Expanding University Library Facilities

President Fawcett advised the Board that on several occasions he had reported the critical need for the expansion of library facilities and that the project to double the reading space in the Main Library will be completed in early November, 1965. President Fawcett further advised the Board that every effort to find solutions to the library problems of the University is being made and that the appropriate University officers have been requested to take the necessary steps to establish a Library Project account for the University for the purpose of receiving funds which may become available from State and Federal grants and other sources. Hopefully, this account will provide the necessary funds for the construction of additional space for an undergraduate library, a graduate research library, or a new facility to meet both of these pressing needs. In concluding, President Fawcett reminded the Board that the number of volumes in the University libraries increased from 1,198,757 in 1956-57 to 1,748,943 in 1964-65 and that the University ranks fifteenth among the major universities of the country in the number of library holdings.

B. Report on the University Club House Facilities at the University Golf Course

Mr. Frederick E. Jones, at the request of Chairman Loop, reported that he had investigated the condition of the Club House at the University Golf Course. He stated that the Club House is in very poor condition, and that it is the observation of many that it is a disgrace to the University. President Fawcett agreed that the Club House facilities needed improvement and that the appropriate agency of the University to consider such improvements and to develop recommendations is the University Athletic Council. No action was taken on the report.

C. Report on the University's Investment Portfolio

The report on the University's Investment Portfolio dated September 30, 1965, as submitted to the Finance and Investment Committee of the Board of Trustees and distributed to all members of the Board, was ordered to be filed with the official records of the Board.

D. Administrative Reports

Dr. John T. Bonner, Jr., Executive Dean for Student Relations, presented an illustrated report showing the scope of the operations in the Student Relations Division. The charts and graphs which he used illustrated the growth of this area since he was named Executive Dean for Student Relations four years ago.

Dr. Alfred B. Garrett, Vice President for Research, gave an illustrated presentation showing a number of "scholars" on The Ohio State University campus who are engaged in research. His presentation included a series of colored slides showing the researchers at work together with a description of their research.

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October 14, 1965 meeting, Board of Trustees

Thereupon the Board adjourned to meet Thursday, November 11, 1965, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

John T. Mount
Secretary

Alan B. Loop
Chairman

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

Columbus, Ohio, November 11, 1965

The Board of Trustees met at its regular monthly meeting on Thursday, November 11, 1965, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Alan B. Loop, Chairman, Jacob E. Davis, Stanley C. Allyn, John W. Bricker, John G. Ketterer, Mervin B. France, and James W. Shocknessy.

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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. Revision of Don Scott Field Master Plan

The official master plan for Don Scott Field, as approved by the Board of Trustees on May 17, 1963, contemplated the construction of a control tower as a part of a proposed new Administration - Terminal Building. The Federal Aviation Agency, which will operate and finance the construction of an air traffic control tower, requests a separate location farther east along the south side of the field. This new location is acceptable to the University, and the accompanying master plan maps have been revised accordingly.

It is recommended that the attached six maps identified as "Master Plan for Don Scott Field," all dated November 11, 1965, be approved.

Upon motion of Mr. Davis, seconded by Mr. Bricker, the above recommendation was approved by unanimous vote, and the Secretary was instructed to file the six accompanying maps with the official records of the Board of Trustees.

B. Revision of Admission Policies for College of Law

The College of Law of The Ohio State University has not established a limitation on the number of students admitted to the first-year class. The number of qualified students admitted and enrolled in the first-year class for Autumn Quarter 1965 is 281 and the total number of students enrolled in the College of Law is 514 students--an increase of 100 over the preceding year. More than 300 persons have already requested an application for admission to the College of Law for the Autumn Quarter 1966. It is therefore obvious that unless some limitation is established on the number to be admitted to the first-year class of the College of Law, the total number of students in Law will exceed the capacity of the building which was planned for a maximum enrollment of 700. It should be noted also that while there is classroom space for 700 students in the Law Building, more faculty offices, additional library space, and equipment will be required for this maximum number.

President Fawcett indicated his support of the recommendation of the Dean of the College of Law, with the concurrence of the Vice President for Academic Affairs, that the Board of Trustees approve the establishment of a limitation on the number (not to exceed 260) to be admitted annually to the College of Law. This limitation should provide for an orderly growth commensurate with the availability of faculty, classrooms, library, and office space.

It is further recommended that those admission criteria commonly employed by other first-rate Colleges of Law in the Nation be utilized in the selection of the best qualified candidates for admission.

I. GENERAL RECOMMENDATIONS (continued)

B. Revision of Admission Policies for College of Law (continued)

To provide for more orderly procedures and effective planning, it is also recommended that the deadline for receiving applications for the College of Law be set at May 1, and that a deposit of \$50.00 be required of all students admitted to the College of Law to be paid within two weeks after notification of approval for admission to the College. As in the case of other professional colleges of the University, 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 College.

The above recommendations are to become effective for the class entering Autumn Quarter 1966.

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

C. Rules Governing Residency Status

Since the disbursement of subsidy appropriations for students enrolled in the Branch Campuses of the State-assisted universities is based upon the number of full-time equivalent resident students enrolled, the Ohio Board of Regents after consultation with the appropriate administrative officers of the State-assisted universities has promulgated rules governing the definition of an "Ohio resident" student. The rules governing the residency status of students as adopted by the Board of Regents are comparable, with minor exceptions, to those rules adopted by the Board of Trustees of The Ohio State University at its meeting on April 8, 1957.

It is therefore recommended that for the purpose of clarification and consistency in the administration of residency rules, the Board of Trustees approve the following rules governing the residency status of students enrolled in The Ohio State University:

1. Rule as to nonresident fees. Every student who is not a resident, as defined below, of the State of Ohio, is required to pay nonresident tuition fees in addition to other University fees.
2. Registration. The burden of registering under proper residence is placed upon the student. If there is any question as to residence, the matter should be brought to the attention of the Registrar and passed upon prior to original enrollment.
3. General policy. The status of a student as a resident or a nonresident of the State of Ohio will be determined as of his original enrollment at The Ohio State University. In general, that status will remain the same throughout his attendance at the University, although such status may be reviewed upon petition. In those cases where there has been a break in a student's attendance at the University, the beginning of the

I. GENERAL RECOMMENDATIONS (continued)

C. Rules Governing Residency Status (continued)

last enrollment may be considered by the Registrar as the student's "original enrollment" for the purpose of residence determination. Two basic conditions must exist for Ohio residency: first, it is necessary that the adult student or the parents or guardian of a minor student have been in the State a minimum period of one year prior to the original enrollment; and second, that there is an evident present intent to remain in the State indefinitely.

4. Definitions. An "Ohio resident" is a student subject to the following requirements:
 - a. an adult student, 21 years of age or older, is considered to be an Ohio resident if he has resided in the State for a minimum of twelve consecutive months preceding the date of enrollment and if he has an evident present intent to remain in the State indefinitely, provided that his residence in Ohio has not been for the purpose of attending a college or university.
 - b. a minor student is considered to be an Ohio resident if his parents or his legal guardian have resided in the State for a minimum of twelve consecutive months preceding the student's enrollment and if the parents' or guardian's residence during that year has been maintained with the evident intent to remain in the State indefinitely, provided that such action has not been taken for the purpose of gaining residence status for the minor student.
 - c. for the purpose of determining residence requirements under these rules, a person will be considered a minor until he has reached his twenty-first birthday even though such person may have been emancipated. Married minors, however, are entitled to establish and maintain their own residency pursuant to Section 4-a.
 - d. the residency of a married woman is determined by the rules which would apply to her husband if he would seek enrollment; except that a woman who is enrolled as an Ohio resident may continue to be considered an Ohio resident upon marrying a nonresident, provided her enrollment is continuous and she continues to live in the State of Ohio.

November 11, 1965 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Rules Governing Residency Status (continued)

- e. a woman who is legally separated from her husband may establish her own residency pursuant to Section 4-a.
- f. the residency of any student may be re-evaluated for each term of re-enrollment. At such time, any student who has not been classified as an Ohio resident, and requests to be so classified, must prove that he has met requirements for Ohio residency as stated in these rules.
- g. a student who has been classified as an Ohio resident shall be considered to have lost his residency in this State twelve consecutive months after he, or in the case of a minor, his parents or legal guardian move to another state with the intention of remaining there and making such state their place of residence, notwithstanding the fact that he or they may entertain an intention to return at some future period.
- h. aliens admitted to this country on immigrant visas may establish Ohio residence in the same manner as any other nonresident.
- i. service men and women who enter the service from another state and their dependent children shall be classified as Ohio residents during the period of their active duty assignment in Ohio.

The above rules conform with the Ohio Board of Regents' Rule No. 2 as amended July 16, 1965, and have been developed in consultation with special counsel assigned by the Attorney General of Ohio.

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

D. Naming of Buildings - River Tower Dormitories

It is recommended that the two residence halls now being erected at the temporary construction address of 1800 Stadium Dormitory Road and currently identified as "River Tower Dormitories" be named "Abraham Lincoln Tower" in memory of President Abraham Lincoln and "Justin S. Morrill Tower" in memory of The Honorable Justin S. Morrill of Vermont. Permanent street addresses have not yet been determined. The building to the south would be "Abraham Lincoln Tower" and the one to the north, "Justin S. Morrill Tower."

November 11, 1965 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Naming of Buildings - River Tower Dormitories (continued)

Representative Morrill played a leading role in the passage of the Land Grant college bill (Morrill Act) by Congress, which provided for grants of public lands to the states for the financing of colleges. President Lincoln signed the act on July 2, 1862. The Ohio State University was established as a result of that legislation.

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. Bricker, seconded by Mr. Allyn, the Board of Trustees by unanimous vote approved the naming of the buildings indicated above.

E. Naming of Buildings - Engineering Complex

Upon the proposal of Mr. Frederick Stecker, Executive Director for University Relations, after consultation with Dean Harold A. Bolz, College of Engineering, and with the concurrence of the President's Cabinet, it is recommended that the facilities now under construction or being converted for use by the College of Engineering be identified as follows:

- (1) That the building now identified as the "Materials Engineering and Science Building," located at 105 West Woodruff Avenue (east door) and 109 West Woodruff Avenue (west door), be named "MacQuigg Laboratory" in honor of the late Charles E. MacQuigg, who served as Dean of the College of Engineering for fifteen years beginning in 1937. Dean MacQuigg was a metallurgist with interests in the field of materials and minerals, and inasmuch as this building will consist primarily of laboratories related to this area, the name seems particularly appropriate.
- (2) That the former Chemical Abstracts Building located at 2041 North College Road, now being remodeled, be named "Watts Hall." This name would honor the late Arthur S. Watts, who served with distinction as Professor and Chairman of the Department of Ceramic Engineering for thirty-one years until his retirement in 1946. This name is deemed appropriate since this building will house the departmental offices of the Department of Ceramic Engineering.
- (3) That the west end of the present Chemical Engineering Building be named "The Chemical Engineering Building." This structure, which is located at 140 West 19th Avenue, will be occupied by the Department of Chemical Engineering.

November 11, 1965 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

E. Naming of Buildings - Engineering Complex (continued)

- (4) That the east end of the present Chemical Engineering Building be named "The Metallurgical Engineering Building." This structure, which is located at 116 West 19th Avenue, will be occupied by the Department of Metallurgical Engineering.

Upon motion of Mr. Ketterer, seconded by Mr. France, the Board of Trustees by unanimous vote approved the naming of the buildings indicated above.

F. Adoption of an Official Shield for the College of Medicine and for the Medical Society of the University Hospitals

The faculty of the College of Medicine and the Medical Society of The Ohio State University Hospitals have proposed that individual shields be adopted for the College of Medicine and the Medical Society. Dean Richard L. Meiling advises that most of the universities of the United States have a "coat of arms" for their Colleges of Medicine and the Medical Societies of their hospitals.

It is therefore recommended that the Board of Trustees approve the proposed shields as they have been submitted by the Dean of the College of Medicine and further that the original copy of such shields be filed with the official records of the University.

Upon motion of Mr. Shocknessy, seconded by Mr. France, the Board of Trustees approved the above recommendations by unanimous vote.

G. Transfer of Lakewood Branch Campus to Cleveland State University

At its regular meeting on March 15, 1962, this Board of Trustees established a branch campus of The Ohio State University at Lakewood, Ohio. Since the announcement of the establishment of Cleveland State University, appropriate officers of The Ohio State University and of Cleveland State University have been working toward the development of an agreement transferring responsibility for the Lakewood Branch to Cleveland State University. Agreement has now been reached between officers of the two universities on a plan for the transfer of students, records, faculty, and non-professional staff from the Lakewood Branch to Cleveland State University with The Ohio State University withdrawing from the Lakewood Branch on June 30, 1966.

It is recommended that the President be authorized to sign an appropriate agreement with Cleveland State University to accomplish the transfer of the Lakewood Branch and that such an agreement be filed with the Secretary of the Board as a part of the official records of the University.

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

November 11, 1965 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

H. Generation of Heat and Power for the University

On May 13, 1965, the Board of Trustees authorized the employment of Giffels and Rossetti as consultants to advise the President on matters relating to plans for the generation of heat and power for the University. The consulting firm submitted a complete report entitled "A 25-Year Projection of Utilities Requirements for The Ohio State University Campus, and a Master Plan for Supplying These Requirements." This report has been studied by appropriate University officers and staff members and it is now proposed that the following recommendations from this report be approved by the Board of Trustees, and that the President and Vice President for Business and Finance be authorized to proceed toward the implementation of these recommendations in an appropriate manner related to the needs, fiscal capabilities of the University, and new advances in technology.

1. Heat and Cold

- a. Expand the capability of McCracken Station to meet heating and cooling loads of all buildings east of the Olentangy River excepting those high-rise dormitories and other special facilities with self-contained capability.
- b. Provide a new Utility Station in the area of the proposed General College to serve the buildings west of the river, again excepting certain units with self-contained capability. This station would produce high-temperature hot water and limited chilled water.
- c. Fuel would be gas for both stations.
- d. Steam turbines would be used only at the McCracken Station for power generation.
- e. Because of the magnitude of refrigeration loads and their distance from the station, a central chilled water system is not feasible. The present high pressure steam distribution system should be utilized as a means to provide energy at the use points for operation of refrigeration machinery.

2. Electric Power

- a. Provide a new public utility substation west of the Olentangy River which would supply power to three campus distribution substations located at McCracken Station, in the Health Center area, and in the General College area, with a supplemental cross-tie between the McCracken and Health Center substations.

November 11, 1965 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

H. Generation of Heat and Power for the University (continued)

- b. Continue power generation at McCracken Station to the extent necessary to qualify this operation under the requirements for the industrial gas rate.

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

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II. PERSONNEL CHANGES

It is recommended that all personnel changes since the October 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 Leaves of Absence Without Salary and Emeritus Titles:

A. Leaves of Absence Without Salary

Alexander H. Main, Associate Professor, School of Music, April 1, 1966 through June 30, 1966, to devote full time to personal research and writing.

Marilyn A. Mason, Instructor (Assistant Extension Editor, Home Economics), Cooperative Extension Service, November 1, 1965 through November 15, 1965, to travel in Europe.

B. Emeritus Titles

William R. Kampfer, College of Dentistry, with the title Associate Professor Emeritus, effective July 1, 1965.

Oscar P. Snyder, College of Dentistry, with the title Assistant Professor Emeritus, effective July 1, 1965.

Estelle B. Franks, Cooperative Extension Service, with the title Instructor (County Extension Agent, Marketing) Emeritus, effective November 1, 1965.

Upon motion of Mr. France, seconded by Mr. Ketterer, the 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 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, National Institutes of Health, Bethesda, Maryland, Excitation and Inhibition in the Vertebrate Retina (to be known as National Institutes of Health Project No. 782 - Sup. #1 - Institute for Research in Vision).
Gross Value - \$57,881.00.
- b. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Metabolism in the Hypothermic By-Passed Heart (to be known as National Institutes of Health Project No. 1100 - Ext. #5 - Department of Surgery).
Gross Value - \$39,906.00.
- c. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, An Investigation of Dental Writing (to be known as National Institutes of Health Project No. 1169 - Amended Ext. #5 - School of Journalism).
Gross Value - \$2,880.00.
- d. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Exchange Protolysis of Molecules in Solution (to be known as National Institutes of Health Project No. 1383 - Ext. #4 - Department of Chemistry).
Gross Value - \$37,089.00.
- e. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Chemical Reactions of Coordinated Functional Groups (to be known as National Institutes of Health Project No. 1501 - Ext. #3 - Department of Chemistry).
Gross Value - \$25,814.00.
- f. 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. #4 - Department of Electrical Engineering).
Gross Value - \$30,000.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- g. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C., Effects of Pesticides on Reproductive Success of Mice (to be known as Bureau of State Services Project No. 1720 - Ext. #2 - Department of Zoology and Entomology).
Gross Value - \$15,246.00.
- h. U. S. Army Medical Research and Development Command, Office of the Surgeon General, Washington, D. C., Effects of Vibration, Noise, and Task Complexity on Performance in Rotary Wing and Fixed Wing Aircraft (to be known as Office of the Surgeon General Project No. 1857 - Mod. #1 - Department of Preventive Medicine).
Gross Value - \$49,907.00.
- i. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research on Man-Machine Systems (to be known as Systems Engineering Group, Research and Technology Division Project No. 1933 - Sup. #1 - Department of Psychology).
Gross Value - \$250,000.00.
- j. U. S. Army Research Office - Durham, Box CM, Duke Station, Durham, North Carolina, Investigation of Physical Organic Chemistry of Imines and Imonium Ions (to be known as U. S. Army Research Office - Durham Project No. 1983 - Sup. #1 - Department of Chemistry).
Gross Value - \$19,853.00.
- k. National Science Foundation, Washington, D. C., Physical and Chemical Glaciology on the Second Queen Maude Land Traverse (to be known as National Science Foundation Project No. 2023 - Amend. #1 - Institute of Polar Studies).
Gross Value - \$3,600.00.
- l. National Science Foundation, Washington, D. C., Nuclear Physics Research with 5.5 MeV Van de Graaff Accelerator (to be known as National Science Foundation Project No. 2115 - New - Department of Physics).
Gross Value - \$189,000.00.
- m. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C., Investigation of Sublethal Levels of DDT and Rabbit Adrenal Function (to be known as Bureau of State Services Project No. 2117 - New - Department of Zoology and Entomology).
Gross Value - \$22,653.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- n. National Science Foundation, Washington, D. C. , Analysis of Move-
ments of the Cincinnati Arch Region (to be known as National Science
Foundation Project No. 2119 - New - Department of Geology).
Gross Value - \$11,900.00.
- o. National Science Foundation, Washington, D. C. , Investigation of
Optically Active Complex Inorganic Compounds (to be known as
National Science Foundation Project No. 2120 - New - Department
of Chemistry).
Gross Value - \$94,600.00.
- p. National Science Foundation, Washington, D. C. , Investigation of
Carbenic and Cationic Processes (to be known as National Science
Foundation Project No. 2121 - New - Department of Chemistry).
Gross Value - \$70,000.00.
- q. Electronic Systems Division, AFSC, Laurence G. Hanscom Field,
Bedford, Massachusetts, Research Into the Earth's Gravity Field
and the Determination of Geodetic Parameters Dependent on Gravity
(to be known as Electronic Systems Division Project No. 2122 -
New - Department of Geodetic Science).
Gross Value - \$99,415.00.
- r. Department of Health, Education, and Welfare, National Institutes
of Health, Bethesda, Maryland, Pressure-Flow Relationships of
Brain Circulation (to be known as National Institutes of Health
Project No. 2124 - New - Department of Surgery).
Gross Value - \$27,610.00.
- s. Air Force Office of Scientific Research, Washington, D. C. , The
Spectrum of the G9 Giant Star Epsilon Virginia II. Publication of
Results (to be known as Air Force Office of Scientific Research
Project No. 2125 - New - Department of Astronomy).
Gross Value - \$2,382.00.
- t. National Science Foundation, Washington, D. C. , Radio Astronomy
(to be known as National Science Foundation Project No. 2126 - New -
Department of Electrical Engineering).
Gross Value - \$192,000.00.
- u. National Science Foundation, Washington, D. C. , Phylogeny of
Pentamerinids and Evaluation of the Morphological Types as Zonal
Markers (to be known as National Science Foundation Project No.
2127 - New - Department of Geology).
Gross Value - \$14,700.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- v. National Science Foundation, Washington, D. C. , A Regional Paleocurrent and Paleoenvironment Study of the Chagrin, Cleveland, and Bedford Formations of Northern Ohio (to be known as National Science Foundation Project No. 2129 - New - Department of Geology).
Gross Value - \$6,200.00.
- w. Watertown Arsenal, Watertown, Massachusetts, Machining Vibration Research (to be known as Watertown Arsenal Project No. 2131 - Department of Industrial Engineering).
Gross Value - \$45,038.00.

TOTAL - Government Contracts - Federal \$1,307,674.00

2. Industrial and Other Contracts

- a. Youngs Drug Products Corporation, 393 Seventh Avenue, New York, New York, Investigation of New Progestin Compounds (to be known as Youngs Drug Products Corporation Project No. 1239 - Ext. #4 - Department of Obstetrics and Gynecology).
Gross Value - \$10,896.00.
- b. United Health Foundations, Inc. , 820 Second Avenue, New York, New York, Circulatory and Metabolic Studies in Shock (to be known as United Health Foundations, Inc. Project No. 2076 - New - Department of Medicine).
Gross Value - \$20,901.00.
- c. Pan American Union, Organization of American States, Washington, D. C. , Technical Assistance to the Latin American Human Resource Planning Program of the Pan American Union (to be known as Pan American Union Project No. 2118 - New - Department of Economics).
Gross Value - \$8,740.00.
- d. Ford Foundation (The Fund for the Advancement of Education), 477 Madison Avenue, New York, New York, A Follow-up Study of the Early Admissions Students and Their Comparison Groups (to be known as Ford Foundation Project No. 2128 - New - Department of Psychology).
Gross Value - \$8,000.00.

TOTAL - Industrial and Other Contracts \$48,537.00

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

2. Industrial and Other Contracts (continued)

The foregoing twenty-seven contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$1,356,211.00.

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

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

During the period from October 1, 1965 through October 27, 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 235	A Study of Structural Evaluation of Flexible Pavements, Ohio Department of Highways, Columbus, Ohio, Bureau of Public Roads, Washington, D. C. Gross Value - \$9,500.00.
EES 239	Development of a Strength Design Method for Asphaltic Concrete, Ohio Department of Highways, Columbus, Ohio, Bureau of Public Roads, Washington, D. C. Gross Value - \$9,840.00.
EES 274	The Development of New Intersection Study Techniques, Ohio Department of Highways, Columbus, Ohio, Bureau of Public Roads, Washington, D. C. Gross Value - \$45,480.00.

TOTAL - Government Research Contracts \$64,820.00

2. Industrial Research Contract

EES 273	The Effect of Carbon Monoxide on Driving Performance Based Upon the Determination of Representative Equivalent Cab-Level Concentrations, National Safety Council, Chicago, Illinois. Gross Value - \$1,000.00.
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The foregoing four contracts for research in the Engineering Experiment Station represent a gross income of \$65,820.00.

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November 11, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS

The following grants and gifts to the University are among those received since October 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. \$634,000.00 granted by the Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University for the construction of the "Addition to Health Center Research Laboratory (Wiseman Hall)." This is a supplement to the grant reported December 10, 1964. (Grant 1 C01-FR-03188-01S1)
2. \$282,500.00 granted by the National Science Foundation for support of the "Academic Year Institute in Science and Mathematics for Secondary School Teachers," under the direction of Dr. John S. Richardson, School of Education. This grant will terminate on September 30, 1967. (GW-175)
3. \$53,110.00 granted by the National Science Foundation for support of a "Summer Institute in Introductory College Geography Courses: Examination and Appraisal for College Teachers," under the direction of Professor John R. Randall, Department of Geography. This grant terminates on September 30, 1966. (GY-598)
4. \$25,000.00 from Battelle Memorial Institute for the Battelle Chair of Metallurgy for the year 1965-66.
5. \$22,400.00 granted by the National Science Foundation to the University for support of an "Undergraduate Research Participation Program," under the direction of Dean Lloyd M. Parks, College of Pharmacy. This grant terminates on July 31, 1967. (GY-98)
6. \$21,400.00 granted by the National Science Foundation to the University for support of an "Undergraduate Research Participation Program," under the direction of Professor Paul G. Gassman, Department of Chemistry. This grant terminates on July 31, 1967. (GY-52)
7. \$3,909.00 granted by the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Cancer Training," under the direction of Dr. John R. Wilson, College of Dentistry, for the period September 1, 1965 through June 30, 1966. (Grant T2 CA 513-19)
8. \$2,775.00 additional grant from the Department of Health, Education, and Welfare, Vocational Rehabilitation Administration, Washington, D. C. 20201, to the University for "Teaching Grant and Traineeships in Speech Pathology and Audiology," under the direction of Dr. Bernard B. Schlanger, Department of Speech, for the period September 1, 1965 through August 31, 1966. (Grant VRA-222-T-66 - Amendment No. 2)

TOTAL - Through the Office of Business and Finance \$1,045,094.00

November 11, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund

1. \$26,311.00 from The John A. Hartford Foundation, Inc. for Midwest Foundation Obstetrics and Gynecology Fund.
2. \$16,549.00 from Trust under the Will of Glenna R. Joyce for the Glenna R. Joyce Scholarship Fund.
3. \$11,000.00 from National Machinery Foundation, Inc. for National Machinery Foundation Fund for Mechanical Engineering.
4. \$10,000.00 from Dorothy H. and Lewis Rosenstiel Foundation, New York, New York, for heart research in the College of Medicine.
5. \$9,020.00 from Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship.
6. \$8,085.00 from the Mark L. Morris Animal Foundation for the Mark L. Morris Animal Foundation in the College of Veterinary Medicine.
7. \$8,075.00 from the American Foundation for Pharmaceutical Education, Washington, D. C., for the American Foundation for Pharmaceutical Education Fellowship Fund in the College of Pharmacy.
8. \$6,577.00 from The Charles F. High Foundation, Bucyrus, Ohio, for the Charles F. High Foundation Scholarship Fund.
9. \$6,000.00 from The Cooper-Bessemer Foundation--\$3,000.00 for The Cooper-Bessemer Engineering Scholarship Fund and \$3,000.00 for The Cooper-Bessemer Engineering Faculty Merit Award.
10. \$5,000.00 from The General Electric Foundation, Crotonville, New York, for The General Electric Fellowship Fund in Chemistry.
11. \$5,000.00 from Ford Motor Company, Dearborn, Michigan, for the Ford Motor Company Fund for Mechanical Engineering.
12. \$4,641.00 from Dr. Joseph W. Kohn, Warren, Ohio, for the Joseph W. Kohn Fund for Medicine.
13. \$4,500.00 from Armco Steel Corporation for the Armco Fellowship in Metallurgical Engineering Fund.
14. \$4,276.00 from The Grace High Washburn Trust for The Grace High Washburn Trust Scholarship Fund.
15. \$3,600.00 from Sterling-Winthrop Research Institute, Rensselaer, New York, for Sterling-Winthrop Research Fund in the College of Pharmacy.
16. \$3,500.00 from CIBA Corporation, Summit, New Jersey, for the CIBA Research Fund in the College of Pharmacy.

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

17. \$2,500.00 from Laura Foy Heekin (Mrs. Robert E.) for the Robert E. Heekin Memorial Fund.
18. \$2,000.00 from Dr. Howard F. and Enid H. Seely for the establishment of the Maribelle Seely Baker Memorial Scholarship Fund.

Maribelle Seely Baker Memorial Scholarship Fund

The Maribelle Seely Baker Memorial Scholarship Fund was established October 1, 1965, by gifts through the Development Fund from Dr. Howard Francis Seely and Enid H. Seely (Mrs. Howard Francis), in memory of their daughter, Maribelle Seely Baker, an alumna of The Ohio State University.

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

Principal and/or income to the extent of \$1,000.00 per year is to be used for an annual scholarship to a competent, deserving, and probably, but not necessarily, needy student in elementary education. If, however, during a given year a suitable candidate is not found, then to someone in the area of the teaching of English. In either event, the student is to be one in the School of Education.

When the principal of this fund reaches \$25,000.00, the income only is to be used for the granting of scholarships as outlined herein.

In the event 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 education.

19. \$1,752.57 from Mrs. Josephine S. Failer for the Men's Glee Club Fund.
20. \$1,600.00 from Miss Irene Hirsch for the Dr. Walter C. Reckless Project.
21. \$1,250.00 from J. T. Edwards Company Foundation, Inc. --\$600.00 as an undesignated gift; \$500.00 for the J. T. Edwards Company Scholarship Fund; and \$150.00 for the Student Athlete Grant-in-Aid Fund.
22. \$1,004.81 in securities from Mrs. Martha C. Willcox, Columbus, Ohio, to be added to the Everett D. Reese Professorship of Banking and Economics.
23. \$1,000.00 from The National Collegiate Athletic Association, Kansas City, Missouri, for The National Collegiate Athletic Association Postgraduate Scholarship Fund.

November 11, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

24. \$1,000.00 from Robert L. Bates for the Robert L. Bates Fund for Chemical Engineering.
25. \$1,000.00 from Robert Lazarus, Sr. for the Student Athlete Grant-in-Aid Fund.
26. \$1,000.00 from Thomas B. Meek for the James Thurber Memorial Fund.
27. \$1,000.00 from James R. Riley as an unrestricted gift to the University.

TOTAL - Received Through the Development Fund \$147,241.38

Establishment of the Hershel W. Arant Memorial Fund--made possible through a \$10,000.00 gift in cash and securities received from John W. Galbreath as reported to the Board on May 13, 1965.

Hershel W. Arant Memorial Fund

The Hershel W. Arant Memorial Fund was established October 15, 1965, by a gift through the Development Fund from John W. Galbreath in honor of and in memory of Hershel W. Arant, former Dean of the College of Law.

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

The income is to be used for objectives of the College of Law on recommendation of the Dean of that College. In the event the College of Law as it now exists shall be altered in any reorganization of 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.

C. Gift-in-Kind

A Lockheed Ventura aircraft Number N-165H plus miscellaneous supporting parts, complete with navigational equipment and in good operating condition, received October 13, 1965, from Hanna Mining Company, Cleveland, Ohio, to the Board of Trustees for purposes as determined by the Department of Aviation of the University.

Upon motion of Mr. France, 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.

November 11, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Report from The Ohio State University Development Fund

In September, 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	358	\$ 65,703.38
Individuals other than alumni	89	65,545.24
Nonprofit organizations	27	155,154.25
Business concerns	<u>11</u>	<u>25,639.09</u>
	485	\$312,041.96

Of these gifts, 293 totaling \$3,740.35 were undesignated and 192 totaling \$308,301.61 were designated.

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V. EXTRA AND CREDIT ORDERS AND EXTENSIONS OF TIME TO CONTRACTS

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

A. Extra Orders to Contracts

1. Engineering Classrooms and Laboratories	\$1,041.00
2. Materials Engineering and Science Building	1,260.00
3. Physiological and Experimental Psychology Laboratories	992.00
4. North Commons	<u>1,109.00</u>
Total	<u>\$4,402.00</u>

B. Credit Orders to Contracts

1. North Commons	\$ 913.00
2. Ohio Union, West Terrace Dining Room Expansion	600.00
3. Upham Hall - Repairs to Auditorium	<u>620.46</u>
Total	<u>\$2,133.46</u>

C. Extensions of Time for Completion of Contracts

1. Construction of Curl Drive October 20 - November 30, 1965

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

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VI. PLANS AND SPECIFICATIONS

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

A. Interior Painting

This project includes partial interior painting of the Antenna Laboratory, Graduate School, Hamilton Hall, Horticulture and Forestry Building, and Poultry Building.

Funds will be provided from Budget Account 121658.

B. Arps Hall - Repairs to Electrical Systems

This project includes electrical distribution, panel boards, and lighting to bring the electrical systems up to present-day standards in the original building.

Funds will be provided from Budget Account 121658.

C. Agriculture Administration Building Improvements

This project provides air conditioning for office areas in Rooms 3, 4, 5, 6, 7, and 109.

Funds will be provided from Budget Account 129010.

D. Repairs to Sisson Hall

This project will develop existing building space for offices, laboratories, animal housing, and related rooms for basic comparative biological research related to the heart.

Funds will be provided from the University Treasurer Research Account and from a National Institutes of Health Research Grant.

Upon motion of Mr. Davis, 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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November 11, 1965 meeting, Board of Trustees

VII. 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. Plumb Hall--Alterations for Computer Area

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u>		
(2 bids received 10-19-65)		
Reco Electric (Columbus)	\$ 3,750.00	\$ 4,500.00
<u>Mechanical Contract</u>		
(8 bids received 10-19-65)		
Comfort Contractors (Columbus)	<u>11,397.00</u>	<u>14,500.00</u>
Total Contracts	<u>\$15,147.00</u>	<u>\$19,000.00</u>

Funds for this project are provided from Budget Account 956281.

B. Repairs to Plumbing in Upham Hall

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(3 bids received 10-21-65)		
Robert H. Johns Company (Columbus)	\$16,241.00	\$22,500.00
<u>Plumbing Contract</u>		
(4 bids received 10-21-65)		
J. F. Oelgoetz (Columbus)	<u>4,192.00</u>	<u>5,500.00</u>
Total Contracts	<u>\$20,433.00</u>	<u>\$28,000.00</u>

Funds for this project are provided in the University Hospital Rotary.

C. Repairs to Roofs

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received 10-21-65)		
Earl E. Bright, Inc. (Columbus)	\$16,800.00	\$20,700.00

Funds for this project are provided in Budget Account 121658.

VII. REPORT OF AWARD OF CONTRACTS (continued)

D. Repairs to University Airport Drainage System

	<u>Low Bid</u>	<u>Est. of Cost</u>
(6 bids received 10-21-65)		
Tedco Construction (Columbus)		
Base Bid	\$51,100.00	\$57,230.00
Alt. #1 Asphalt Paving	<u>4,400.00</u>	<u>23,997.00</u>
Total Contract	<u>\$55,500.00</u>	<u>\$81,227.00</u>

Funds for this project are provided in Budget Account 121658.

Upon motion of Mr. Ketterer, 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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VIII. CONTROLLING BOARD APPROVALS

Each numbered request shown below accomplishes the following purpose:

- 20 Authorizes the Director of Public Works to proceed with acquisition of property located at 1662 Neil Avenue and 265 West Eleventh Avenue, Columbus, Ohio.
- 21 Approves the award of contract for Construction of Curl Drive, Phase II, without further competitive bidding, and releases \$41,500.00 from Item 033, H. B. 202, to provide funds for this work.
- 22 Approves the release of \$147,000.00 from Item 002, H. B. 949, for architectural fees for the project Science Building, Phase II, and authorizes the change in name of the project to Science and Engineering Building, Phase IV.
- 23 Approves the acquisition of property located at 70 West Tenth Avenue.
- 29 Approves the transfer of \$150,000.00 from Item 016 to a new account, Item 043 Basic Science - Medical and release of this amount for the preparation of preliminary plans.
- 31 Authorizes transfer and release of \$25,000.00 from Item 016 Medical Complex to Item 015 College of Medicine - Land, H. B. 202, to provide funds for the acquisition of property.

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IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Parking Garage #1 (West of Power Plant)

On April 2, 1965, bids were received for the proposed parking ramp in the Medical Center which resulted in a turnkey cost per car space of about \$2,500.00. These bids were rejected because it was impossible to finance a structure which was this expensive. Since then, studies have gone forward indicating that the conventional parking ramp can be built at a turnkey cost not to exceed \$2,100.00 per car space.

In the meantime, however, negotiations with the Austin Company of Cleveland, Ohio, have produced a turnkey estimate of \$1,495.00 per car space for a "Spirapark" garage on which the Austin Company has patents pending.

Inasmuch as this design is a proprietary design and cannot be utilized through the process of competitive bidding and, further, inasmuch as it will produce a saving of approximately \$600.00 per car space, it is recommended that the President and the Vice President for Business and Finance be authorized to present a request to the Department of Finance and the Controlling Board of the State of Ohio to secure permission to award the contract to the Austin Company for a Spirapark Ramp of at least 1,000 car capacity without competitive bidding.

Funds will be provided through the sale of The Ohio State University Parking Ramp bonds for which the report of Wilbur Smith and Associates dated June 15, 1964, constitutes the feasibility study and the action of the Board of Trustees dated July 17, 1964, constitutes the selection of Squire, Sanders and Dempsey as Bond Counsel for the indenture agreement.

It is expressly understood that other ramp structures of conventional design at the higher price may be necessary for both the Arps Hall and Ohio Union ramps because of area limitations on those sites.

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

B. City of Columbus, Easement for Storm Sewer

The City of Columbus has requested permission to construct the Woodruff Avenue - Iuka Avenue Storm Sewer through State of Ohio lands, which lands have been designated for use by The Ohio State University. The proposed storm sewer will serve the University and other property east of the campus.

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

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

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

C. Employment of Architects, Newark Campus

The design of buildings for branch campuses is a special concern both of the Board of Regents and of The Ohio State University. In an effort to demonstrate the advantages of standard modular construction as a means of reducing costs and increasing effective facility utilization, it is recommended that the University work with the Board of Regents in the design of the Newark Campus buildings. Accordingly, it is recommended that the Director of Public Works be requested to appoint Granzow and Guss as project architects under the normal direction of the University Architect.

The Board of Regents will pay 4 per cent of the project cost toward the standard architect's fees and the University will pay the balance out of funds appropriated for the Newark Campus buildings.

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

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

The Columbia Gas of Ohio, Inc. has requested permission to construct a four (4") inch gas line on the north side of Case Road through State of Ohio lands, which lands have been designated for use by The Ohio State University. The gas line will serve the University and other property in the vicinity of University Airport.

It is recommended that the construction of the gas line through University lands be approved in a location not inimical to the interests of the University. It is further recommended that the Vice President for Business and Finance be authorized to request the Director of Public Works to act on behalf of the University pursuant to his statutory duties in developing the necessary legal instruments to provide for the installation of said gas line and protect the interests of the University.

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

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X. REPORTS

A. Report on Action Taken by the Ohio Board of Regents at Its Meeting Held October 15, 1965

President Fawcett reported for information and the record that the Board of Regents at its meeting on October 15, 1965, adopted the following resolution designating the College of Medicine of The Ohio State University as the agency to apply for a planning and development grant from the Surgeon General of the United States:

November 11, 1965 meeting, Board of Trustees

X. REPORTS (continued)

A. Report on Action Taken by the Ohio Board of Regents at Its Meeting Held October 15, 1965 (continued)

BE IT RESOLVED: that insofar as the requirements of Section 3333.04 of the Ohio Revised Code directing the Ohio Board of Regents to formulate a master plan for higher education for the state are concerned, the Ohio Board of Regents hereby designates the College of Medicine of The Ohio State University as the agency to apply for a planning and development grant from the Surgeon General of the United States and to prepare the necessary plans for a regional medical complex engaged in research, training, prevention, diagnosis, and treatment relating to heart disease, cancer, or stroke in accordance with the Federal Government's Heart Disease, Cancer, and Stroke Amendments Act of 1965, provided that The Ohio State University shall designate an advisory group to assist in the formulation and administration of a regional medical complex consisting of representatives from other medical colleges, from the medical profession, and from any related research agencies located in the State of Ohio.

B. Report on Valuation of Land Acquired for Lima and Mansfield Branch Campuses

1. Lima Campus

At the June 10, 1965 meeting of the Board of Trustees, it was reported that 564.92 acres, more or less, had been accepted for the site of the Lima Campus of The Ohio State University. It is reported for information and the record that of the foregoing, three parcels totaling 190 acres were purchased for \$238,252.99 from funds donated by the Galvin Foundation. Eight parcels totaling 374.92 acres were purchased for \$385,896.84. The total acquisition cost for eleven parcels is \$624,149.83, all from funds provided by donations resulting from the Lima Campus Fund drive.

2. Mansfield Campus

At the June 10, 1965 meeting of the Board of Trustees, it was reported that 512.091 acres, more or less, had been accepted as well as 40.97 acres accepted previously, to make a total of 553.061 acres for use as a site for the Mansfield Campus of The Ohio State University. It is reported for information and the record that the 512.091 acres were acquired from five owners at a total cost of \$295,063.00 including \$30,700.55 expenses from funds provided by the Mansfield Branch - The Ohio State University New Campus Fund drive. The foregoing figures do not include the value of the 40.97 acres previously received by the Board.

Upon motion of Mr. France, seconded by Mr. Davis, the Secretary was instructed to include the above reports in the minutes of this meeting.

November 11, 1965 meeting, Board of Trustees

X. REPORTS (continued)

C. Report on the University's Investment Portfolio

The report on the University's Investment Portfolio dated October 31, 1965, as submitted to the Finance and Investment Committee of the Board of Trustees and distributed to all members of the Board, was ordered to be filed with the official records of the Board.

D. Administrative Report on Enrollment

Mr. John T. Mount, Vice President for Educational Services, in a report presented to the Board of Trustees, outlined the enrollment gains made during the ten years since President Novice G. Fawcett assumed the position as President of The Ohio State University. Mr. Mount cited the following data in his presentation:

1. Graduate student enrollment on the Columbus Central Campus increased 119 per cent from 1956 to 1965--from 2,552 in 1956 to 5,598 in Autumn Quarter 1965. (An additional number of 478 graduate students are enrolled off-campus.)
2. Total enrollment of the University (includes Columbus Central Campus and all Off-Campus Centers) increased 80 per cent--from 22,470 in 1956 to 40,474 in 1965. Undergraduate enrollment is up 56 per cent--from 17,141 in 1956 to 26,666 in 1965.
3. Total enrollment in the professional colleges and schools increased from 2,381 in 1956 to 3,010 in 1965.
4. First quarter freshmen enrollment on the Columbus Central Campus was 5,365 in 1956 and 6,066 in 1965. Grand total first quarter freshmen enrollment increased from 5,365 in 1956 to 9,075 in 1965.
5. Students at University branches, first of which were opened in 1961, increased from 1,147 to 4,563 in 1965. Autumn 1965 enrollment at branches was reported as Columbus, 1,144; Mansfield, 987; Lima, 807; Lakewood, 642; Newark, 547; and Marion, 436.
6. Largest individual college increase during the 10-year period was reported by the College of Arts and Sciences, which enrolled 4,423 students in 1956 and 10,048 in 1965. Ranking second was the College of Education, increasing from 3,581 to 7,348.
7. Summer Quarter enrollments increased 116 per cent during the period--from 6,967 in 1956 to 14,370 in 1965.
8. Seventy-three per cent of the entering freshmen on the Columbus Central Campus in the Autumn of 1965 ranked in the top one-third of their high school classes. In 1956, 43 per cent of the entering freshmen ranked in the top one-third.

X. REPORTS (continued)

D. Administrative Report on Enrollment (continued)

9. The American College Test ranking showed there was a 60 per cent increase in 1965 over 1964 in the number of entering freshmen who achieved a composite score which placed them in the highest two per cent of all students enrolling in universities comparable to The Ohio State University.
10. The enrollment of students on the Columbus Central Campus from the major metropolitan areas of the state has continued to increase despite additional opportunities for students to enroll in institutions of higher education in their local communities. The following Autumn Quarter enrollments for selected counties were cited:

	<u>1964</u>	<u>1965</u>
Cuyahoga County	3,617	4,127
Hamilton County	826	985
Montgomery County	1,495	1,607
Summit County	895	995

Mr. Mount concluded his report by presenting to the Board of Trustees selected representative students of the various areas of scholastic achievement:

Karen Sue Schrock	Presidential Freshman Honor Scholar
Frank Hudson	National Merit Scholar from Maryland
Henry Bobulski	National Merit Scholar from Columbus
Alice Craig	Presidential Freshman Honor Scholar in 1962 and Outstanding Senior in 1965
Dan Moore	Presidential Freshman Honor Scholar in 1962 and Outstanding Senior in 1965
Kathryn McDaniel	Representing newly admitted graduate students
Patrick Butterfield	Representing newly admitted professional students
Alan Fisher	Representing the 3,906 Army R. O. T. C. cadets
David Fritsche	Representing the 2,245 Air Force R. O. T. C. cadets
James McAuley	Representing the 298 Navy R. O. T. C. midshipmen

E. Clarification of Admissions Policy

Mr. Shocknessy stated that since there is some widespread misinterpretation and confusion regarding the admissions policy for students who wish to enroll as freshmen in the Autumn Quarter 1966, a few words of clarification would be in order.

November 11, 1965 meeting, Board of Trustees

X. REPORTS (continued)

E. Clarification of Admissions Policy (continued)

President Fawcett responded by saying that he regretted that the public news media had misinterpreted a statement made by an official of the University. The widely reported statement that only students in the highest 25 per cent of their high school graduating classes would be admitted to the University in 1966 was erroneous. President Fawcett indicated further that in accordance with the statutes of Ohio all graduates of Ohio high schools are entitled to admission to The Ohio State University and those who apply for admission as freshmen in 1966 will be admitted to some college, division, or branch of the University. It may be necessary, however, to limit enrollment on the Columbus Central Campus of the University because of the fiscal limitation imposed by the Appropriations Act of the 106th General Assembly.

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Thereupon the Board adjourned to meet Thursday, December 9, 1965, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

John T. Mount
Secretary

Alan B. Loop
Chairman

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

Columbus, Ohio, December 9, 1965

The Board of Trustees met at its regular monthly meeting on Thursday, December 9, 1965, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

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

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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. Degrees Conferred - Autumn Quarter Commencement Convocation

It is recommended that degrees be conferred at the Autumn Quarter Commencement Convocation on December 17, 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 VII, page 283.)

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

B. Center for Tomorrow

It is recommended that the following resolution be adopted authorizing the appropriate administrative officers to proceed with the implementation of a financial program for the construction of the Center for Tomorrow:

WHEREAS, the Board of Trustees initiated action to investigate procedures by which a Continuing Education Center, called the Center for Tomorrow, could be financed, designed, constructed, and operated, at its regular meeting held October 9, 1964; and

WHEREAS, to further this aim, the President and other appropriate University officers engaged in such study; and

WHEREAS, the President and the Vice President for Business and Finance now propose to finance the Center for Tomorrow through University internal appropriations and loans from non-tax funds currently available, with said loans being for 40 years, bearing interest at 4 per cent per annum, and providing for a total turnkey cost of \$4,550,000.00 ready to operate; and

WHEREAS, the earning power from the Center for Tomorrow is estimated to be sufficient to pay interest on and amortize the necessary 40-year internal loan;

NOW BE IT RESOLVED, that the aforesaid financing plan be approved, and that the President and the Vice President for Business and Finance be, and hereby are authorized to execute the necessary appropriations and loans pertaining to this project, and do all things necessary to implement it expeditiously.

Upon motion of Mr. Bricker, seconded by Mr. Ketterer, the above resolution was adopted by unanimous roll call vote, and the Secretary was instructed to file the detailed plan for financing the Center for Tomorrow with the official records of the Board of Trustees. In making the motion, Mr. Bricker commented as follows: "The construction of the proposed Center for Tomorrow is one of the most significant steps forward this University has taken in a number of years. The proposed building will provide greatly needed facilities which will enable the University to serve more adequately those who come to the campus each year for continuing education programs."

I. GENERAL RECOMMENDATIONS (continued)

C. Communications Center - Construction of Facilities
Located at the Ohio Exposition Center

It is recommended that the following resolution be adopted authorizing the appropriate administrative officers of the University to proceed with the development of a Communications Center for the State:

WHEREAS, the Ohio Board of Regents has requested The Ohio State University to prepare plans for, to supervise construction of, and to operate a State center for communications including, but not limited to the origination of color television programs; and

WHEREAS, the University administration after careful study has concluded that the implementation of such a program is in accord with the University's responsibility to provide the professional leadership for such State-wide educational activities; and

WHEREAS, funds are available in line 315-034 of H. B. 949 for such purposes; and

WHEREAS, the Governor of the State of Ohio has indicated that land owned by the State, and located on the Ohio Exposition Center will be made available to The Ohio State University for these purposes;

NOW BE IT RESOLVED, that the President, and the Vice President for Business and Finance be authorized to take all action necessary for the expeditious implementation of this project, through normal policies and procedures to the end that:

1. The Director of Public Works be requested to appoint the firm of Schooley Cornelius Schooley on a standard State contract as project architects, under the direction of the University Architect, for a communications structure having a turnkey project cost of not over \$500,000.00,
2. The sum of not to exceed \$500,000.00 be appropriated to provide equipment for this Communications Center project,
3. The sum of not to exceed \$500,000.00 be appropriated to provide the necessary electronic connection and equipment pertaining thereto between and in The Ohio State University campus telecommunication facilities and the communications facilities located on the Ohio Exposition Center grounds, and
4. The Ohio State University vigorously prosecute its role as the Communications Center for the State.

I. GENERAL RECOMMENDATIONS (continued)

C. Communications Center - Construction of Facilities
Located at the Ohio Exposition Center (continued)

All of the foregoing action is taken with the understanding that operating funds for the facility will be provided through the State, over and above the FTE formula designed to assist the University with its operations during the current biennium.

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

D. Plans for Development of a Research Tower

It is recommended that the following resolution be adopted authorizing the appropriate administrative officers of the University to proceed with the plans for the development of a Research Tower to be located on The Ohio State University campus.

WHEREAS, the Ohio Board of Regents has indicated its interest in providing funds for the design and construction of a Research Tower and Conference Complex to stimulate industrial and other research in Central Ohio; and

WHEREAS, it is a matter of record that The Ohio State University administration has expressed its interest and desire in acquiring such facilities at the earliest possible date;

NOW BE IT RESOLVED, that the President and other appropriate University officers as directed by him be authorized to proceed with a master plan, a site plan, and proposals to qualify for such funds as may be available, and to present these proposals to the Board of Regents at the first opportunity.

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

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II. PERSONNEL CHANGES

It is recommended that all personnel changes since the November 11, 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 Promotion and Change in Administrative Responsibility, Appointment, Leaves of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Titles:

A. Promotion and Change in Administrative Responsibility

Henry L. Hunker from Professor, Department of Geography, to Assistant Dean, College of Commerce and Administration, effective January 1, 1966, at a salary of \$17,064.00 per annum. (Dr. Hunker will continue to hold the rank of Professor in the Department of Geography at No Salary.)

December 9, 1965 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Appointment

Richard R. Medhurst, Professor and Director of the School of Social Work, effective September 1, 1966, at a salary of \$21,168.00 per annum.

C. Leaves of Absence With Salary

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

Herbert W. *Crown, Instructor (County Extension Agent, Agriculture) Holmes County, January 1, 1966 through June 15, 1966, to participate in a program of professional improvement at The Ohio State University.

Richard B. Farison, Instructor (County Extension Agent, Agriculture) Wood County, January 1, 1966 through March 15, 1966, to participate in a program of professional improvement at The Ohio State University.

Floren V. James, Instructor (County Extension Agent, Agriculture) Erie County, January 1, 1966 through March 15, 1966, to participate in a program of professional improvement at The Ohio State University.

Edgar P. Watkins, Instructor (Area Extension Agent, Marketing), January 1, 1966 through March 15, 1966, to participate in a program of professional improvement at The Ohio State University.

D. Leaves of Absence Without Salary

Anthimos J. Christoforidis, Professor, Department of Radiology, November 1, 1965 through December 31, 1965, for personal reasons.

Edwin P. Hiatt, Professor, Department of Physiology, January 1, 1966 through December 31, 1966, for U. S. Government service.

Nathan Lazar, Professor, School of Education, July 1, 1965 through September 30, 1965, to act as a consultant on an educational project in Israel.

Paul Pimsleur, Associate Professor and Director of the Listening Center, College of Arts and Sciences, January 1, 1966 through June 30, 1966, to accept a Fulbright grant to teach at the University of Heidelberg, Germany.

December 9, 1965 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

Joan Vernikos-Danellis, Assistant Professor, Department of Pharmacology, July 1, 1965 through June 30, 1966, for personal reasons.

Gerald D. Stanley, Instructor (County Extension Agent, 4-H) Stark County, Cooperative Extension Service, January 1, 1966 through August 31, 1966, to participate in a program of professional improvement at Purdue University.

E. Emeritus Titles

George F. Henning, Department of Agricultural Economics and Rural Sociology, with the title Professor Emeritus, effective February 1, 1966.

Gates S. Vickers, Cooperative Extension Service, with the title Assistant Professor Emeritus (Extension Specialist, Poultry Science), effective December 1, 1965.

Upon motion of Mr. Davis, seconded by Mr. Ketterer, the Promotion and Change in Administrative Responsibility, Appointment, Leaves of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll" 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., Voice Communication (to be known as Office of Naval Research Project No. 1002 - Amend. #11 - Department of Speech).
Gross Value - \$19,795.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- b. National Aeronautical and Space Administration, Washington, D. C., Receiver Techniques and Detectors for Use at Millimeter and Submillimeter Wave Lengths (to be known as National Aeronautical and Space Administration Project No. 1093 - Sup. #5 - Department of Electrical Engineering).
Gross Value - \$75,000.00.
- c. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Clinical Research Center (to be known as National Institutes of Health Project No. 1996 - Ext. #5 - Department of Obstetrics and Gynecology).
Gross Value - \$359,446.00.
- d. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Spontaneous and Experimental Endometrial Carcinoma (to be known as National Institutes of Health Project No. 1281 - Ext. #4 - Department of Pathology).
Gross Value - \$32,803.00.
- e. Department of Navy, Office of Naval Research, Washington, D. C., Infrared Spectra and the Structure of Polyatomic Molecules (to be known as Office of Naval Research Project No. 1379 - Amend. #3 - Department of Physics).
Gross Value - \$10,800.00.
- f. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Hemodynamic Studies (to be known as National Institutes of Health Project No. 1409 - Ext. #4 - Department of Physiology).
Gross Value - \$10,446.00.
- g. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Investigation of Nervous System Elements in Tissue Culture (to be known as National Institutes of Health Project No. 1457 - Sup. #1 - Departments of Pathology and Psychiatry).
Gross Value - \$11,186.00.
- h. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Investigation of Modes of Action of Tetracycline Antibiotics (to be known as National Institutes of Health Project No. 1554 - Ext. #3 - Department of Agricultural Biochemistry).
Gross Value - \$19,545.00.

December 9, 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)

- i. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Chemical Studies of Stimulated Retina (to be known as National Institutes of Health Project No. 1575 - Sup. #4 - Institute for Research in Vision).
Gross Value - \$1,384.00.
- j. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research on Hypersonic Aerothermodynamics Simulation in Rarefied Flows (to be known as Systems Engineering Group, Research and Technology Division Project No. 1657 - C. O. #4 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$70,000.00.
- k. National Aeronautical and Space Administration, Washington, D. C., Investigation of Spacecraft Antenna Problems (to be known as National Aeronautical and Space Administration Project No. 1691 - Sup. #2 - Department of Electrical Engineering).
Gross Value - \$45,000.00.
- l. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Investigation of Behavior Following Rearing in a "Random" Environment (to be known as National Institutes of Health Project No. 1726 - Ext. #2 - Department of Psychology).
Gross Value - \$11,694.00.
- m. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Preparation and Investigation of High Strength Wires (to be known as Systems Engineering Group, Research and Technology Division Project No. 1826 - C. O. #2 - Department of Metallurgical Engineering).
Gross Value - \$14,970.00.
- n. Aerospace Medical Division, AFSC, Brooks Air Force Base, Texas, 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 - Sup. #3 - School of Optometry).
Gross Value - \$29,619.00.
- o. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Sympathetic Mediated Vasopressin Pressor Responses (to be known as National Institutes of Health Project No. 1839 - Ext. #1 - Department of Pharmacology).
Gross Value - \$11,839.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- p. Department of Navy, Office of Naval Research, Washington, D. C., Learning, Adaptation and Control in Information Science (to be known as Office of Naval Research Project No. 1902 - Amend. #1 - Department of Electrical Engineering).
Gross Value - \$25,000.00.
- q. National Science Foundation, Washington, D. C., Physical Phenomena at Very Low Temperatures (to be known as National Science Foundation Project No. 1930 - Amend. #1 - Department of Physics).
Gross Value - \$91,600.00.
- r. U. S. Army Medical Research and Development Command, Office of the Surgeon General, Washington, D. C., Studies of Maxillofacial Growth and Repair: Study by Electron-microscopy and Diffraction of Bone Mineralization (to be known as U. S. Army Medical Research and Development Command Project No. 1937 - Mod. #1 - College of Dentistry).
Gross Value - \$13,700.00.
- s. Air Force Institute of Technology, Air University, United States Air Force, Wright-Patterson Air Force Base, Ohio, Research and Services to Review and Present Courses of Instruction in the School of Systems and Logistics (to be known as Air Force Institute of Technology Project No. 2043 - Sup. #3 - Defense Management Center).
Gross Value - \$6,300.00.
- t. Aeronautical Chart and Information Center, United States Air Force, St. Louis, Missouri, Collection, Evaluation, Reduction and Processing of Gravity Data (to be known as Aeronautical Chart and Information Center Project No. 2071 - New - Department of Geodetic Science).
Gross Value - \$124,515.00.
- u. U. S. Atomic Energy Commission, Chicago Operations Office, 9800 South Cass Avenue, Argonne, Illinois, High Energy Physics Studies (to be known as U. S. Atomic Energy Commission Project No. 2116 - New - Department of Physics).
Gross Value - \$255,000.00.
- v. National Science Foundation, Washington, D. C., Biosynthesis of the Aglycones of Thioglucosides (to be known as National Science Foundation Project No. 2123 - New - Department of Agricultural Biochemistry).
Gross Value - \$21,000.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- w. U. S. Department of Agriculture, Agricultural Research Service, Northern Utilization and Development Division, Peoria, Illinois, Studies on the Amination of Starch for the Purpose of Modifying the Chemical and Physical Properties as a Basis for Expanded Utilization (to be known as U. S. Department of Agriculture, Agricultural Research Service Project No. 2130 - New - Department of Chemistry).
Gross Value - \$129,265.00.
- x. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research on Stress Deflection Analysis of Fibrous Composite Materials Under External Loading (to be known as Systems Engineering Group, Research and Technology Division Project No. 2132 - New - Department of Engineering Mechanics).
Gross Value - \$18,000.00.
- y. Department of the Navy, Office of Naval Research, Washington, D. C., In vivo Effects of Oxygen (and varying mixtures) at Hypo-, Iso-, and Hyperbaric Pressures on Erythrocytes and Brain (to be known as Office of Naval Research Project No. 2136 - New - Department of Medicine).
Gross Value - \$27,742.00.
- z. Department of Health, Education, and Welfare, Bureau of State Services - Community Health, Washington, D. C., Planning a University-Wide Interdisciplinary Program in Mental Retardation (to be known as Bureau of State Services - Community Health Project No. 2139 - New - Department of Medicine).
Gross Value - \$26,457.00.

TOTAL - Government Contracts - Federal \$1,462,106.00

2. Industrial and Other Contracts

- a. The Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation Program of the CCNSC in the Central Region, USA (to be known as The Regents of the University of Wisconsin Project No. 1395 - Checks Nos. C248134, C252431, C253804 - Department of Surgery).
Gross Value - \$4,654.44.
- b. Kennecott Copper Corporation, Ledgemont Laboratory, Lexington, Massachusetts, Oxidation of Niobium-Zirconium-Rhenium Alloys (to be known as Kennecott Copper Corporation Project No. 1939 - Ext. #1 - Department of Metallurgical Engineering).
Gross Value - \$5,000.00.

December 9, 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 (continued)

- c. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Development of a Membrane Oxygenator (to be known as Central Ohio Heart Association Project No. 2138 - New - Department of Medicine).
Gross Value - \$3,890.00.

TOTAL - Industrial and Other Contracts \$13,544.44

The foregoing twenty-nine contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$1,475,650.44.

Upon motion of Mr. France, 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 October 27, 1965 through November 23, 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 226 To Evaluate Existing Methods and/or Develop Improved
Ext. #2 Methods for the Measurement of Certain Properties of
 Concrete, National Academy of Sciences, Washington 25,
 D. C.
 Gross Value - \$78,840.00.

SC 52 A Short Course on Geometric Design and Traffic Control,
 Ohio Department of Highways, Columbus, Ohio, Bureau
 of Public Roads, Washington, D. C.
 Gross Value - \$1,500.00.

TOTAL - Government Research Contracts \$80,340.00

2. Industrial Research Contract

EES 275 Factors Affecting Metal Penetration of the Mold Surface,
 American Foundrymen's Society, Des Plaines, Illinois.
 Gross Value - \$9,240.00.

The foregoing three contracts for research in the Engineering Experiment Station represent a gross income of \$89,580.00.

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December 9, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS

The following grants and gifts to the University are among those received since the November 11, 1965 meeting, 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. \$90,890.00 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 John Riner, Department of Mathematics. This grant terminates on September 30, 1966. (GW-13)
2. \$55,650.00 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, School of Education. This grant terminates on September 30, 1966. (GW-65)
3. \$41,010.00 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 on September 30, 1966. (GW-64)
4. \$31,632.00 from the W. K. Kellogg Foundation for the fifth payment on a six-year commitment to establish an experimental educational program for training medical dietitians.
5. \$26,905.00 granted by the Department of Health, Education, and Welfare, Vocational Rehabilitation Administration, Washington, D. C., to the University for "Teaching and Traineeship Grant in Physical Therapy," under the direction of Professor Gladys G. Woods, for the period September 1, 1965 through August 31, 1966. (Grant VRA 209-T-66 and VRA 209-T-66, Amendment No. 1)

TOTAL - Through the Office of Business and Finance \$246,087.00

B. Received Through the Development Fund

1. \$84,500.00 from the Estate of Lucille Roberts, deceased, for the establishment of the Louis A. Roberts and Lucille Roberts Memorial Fellowship Fund.

Louis A. Roberts and Lucille Roberts
Memorial Fellowship Fund

The Louis A. Roberts and Lucille Roberts Memorial Fellowship Fund was established November 23, 1965, by a bequest from Lucille Roberts (Mrs. Louis A.).

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.

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

1. Louis A. Roberts and Lucille Roberts Memorial Fellowship Fund (continued)

The income shall be used for graduate fellowships. The awards are to be made on the recommendation of the Chairman of the Department of Chemical Engineering, approved by the Dean of the College of Engineering and/or the Dean of the Graduate School. The amount of the stipend shall be decided dependent upon the needs of the appointee but no awards shall exceed \$2,500 per annum. The awards shall be made to male, unmarried students who have scholastic ability, high personal integrity, and competence in oral and written expression. Any balance in income is to be held and used in succeeding years. More than one fellow a year shall be appointed if there is enough income on hand to substantiate it.

As a condition precedent to the acceptance of the fellowship award the fellow shall agree in writing to repay 10 per cent of the amount of the award to The Ohio State University within one year after his graduation. This payment is to represent an unrestricted grant to the University and is to be credited to the general fund of the University. The Board of Trustees of The Ohio State University shall determine all matters not covered by this grant and relating to the administration of the fund.

2. \$14,450.00 from Procter and Gamble Company, Cincinnati, Ohio, for research in the College of Dentistry.
3. \$10,000.00 from Smith, Kline & French Laboratories, Philadelphia, Pennsylvania, for research in infectious diseases in the College of Medicine.
4. \$5,000.00 from Merck & Co., Inc., Rahway, New Jersey, for arthritis and rheumatism research in the College of Medicine.
5. \$5,000.00 in securities from Mr. R. L. Ireland for the establishment of the R. L. Ireland Fund.

R. L. Ireland Fund

The R. L. Ireland Fund was established November 15, 1965, by a gift through the Development Fund from R. L. Ireland.

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.

Income and/or principal may be used as directed by the Dean of the College of Medicine to achieve the required support of the programs in medical research, teaching, and patient care.

6. \$4,275.00 from Ralph L. Boyer, Mt. Vernon, Ohio, to establish the Ralph L. Boyer Fund for Engineering.

December 9, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

7. \$3,600.00 from American Zinc Institute, Inc. for the American Zinc Institute Fellowship Fund.
8. \$3,500.00 from Goodyear Tire & Rubber Company for the Goodyear Foundation Fellowship Fund.
9. \$3,500.00 from Refractories Institute for research in the Department of Ceramic Engineering.
10. \$3,000.00 from Parke, Davis & Company (Research Laboratories), Ann Arbor, Michigan, for research in carbohydrate chemistry.
11. \$3,000.00 from United Health Foundation, Inc., Van Wert, Ohio, for cancer research in the College of Medicine.
12. \$3,000.00 from the Guernsey County Cancer Society for the Operation Eye Research Fund in the College of Medicine.
13. \$2,500.00 from Nationwide Mutual Insurance Company for the Nationwide Mutual Insurance Company Fund.
14. \$2,055.00 from The Friedman Foundation, Tiffin, Ohio, for the Band Special Fund.
15. \$2,000.00 from Jack S. Resler for the John B. Fullen Scholarship Fund.
16. \$2,000.00 from Midwest Cooperative Chemotherapy Group, Chicago, Illinois, for research in cancer chemotherapy in the College of Medicine.
17. \$1,500.00 from Ayerst Laboratories for the Ayerst Laboratories Fund.
18. \$1,000.00 from Fred A. Murphy for the Student Athlete Grant-in-Aid Fund.
19. \$1,000.00 from Harold F. Zieg for the Department of Athletics Discretionary Fund.
20. \$359.00 to be added to the \$4,641.00 reported on November 11, 1965. A total amount of \$5,000.00 from Dr. Joseph W. Kohn is now available for the establishment of the Joseph W. Kohn Fund.

Joseph W. Kohn Fund

The Joseph W. Kohn Fund was established November 1, 1965, by a gift through the Development Fund from Joseph W. Kohn, B.A. '29, M.S. '30, and M.D. '34.

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

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

20. Joseph W. Kohn Fund (continued)

The income is to be used by the College of Medicine at The Ohio State University for any purpose whatsoever in the area of surgery; with this stipulation only, that during the lifetime of the donor, Dr. Joseph W. Kohn, he may make a recommendation to the Dean of the College of Medicine in any given year for a specific use of the income for that year and if said request is for an appropriate University purpose said recommendation shall be followed.

In the event that the College of Medicine as it now exists shall be altered in any reorganization of the University colleges, schools, and departments after the donor's decease, then the Board of Trustees or successor governing body of the University shall direct the use of the income for purposes within the field of medicine, with first preference to be given to items in the area of surgery, as recommended by the appropriate administrative official of the University then directly responsible for medical education at The Ohio State University.

TOTAL - Received Through the Development Fund \$155,239.00

C. Gift-in-Kind

A gift identified as the "Talfourd P. Linn Collection" of rare books to The Ohio State University Libraries has been received from Mr. Francis S. Linn, Zanesville, Ohio. The gift includes a collection of 114 items of rare books, early editions, and fine bindings of the works of Cervantes and has an appraised value of \$21,422.50.

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 October, 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	1,479	\$ 31,761.72
Individuals other than alumni	52	5,930.62
Nonprofit organizations	13	29,216.45
Business concerns	<u>15</u>	<u>62,770.90</u>
	1,564	\$129,679.69

Of these gifts, 1,239 totaling \$11,814.25 were undesignated and 325 totaling \$117,865.44 were designated.

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December 9, 1965 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS

A. Appropriation for Research Project

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 \$17,000.00 be appropriated from the University Treasurer Research Subaccounts (a) and (b) to the Department of Physics to be placed in a Cyclotron Rotary Account for use in shielding the cyclotron facility and for cyclotron maintenance for the fiscal year 1965-66.

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

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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 listed below be approved by the Board of Trustees.

A. Extra Orders to Contracts

1. Pharmacy Building	\$ 3,476.00
2. Installation of New Heating Boiler to Carry Medical Center Load	4,805.00
3. Utility Extension Northeast Corner of Campus, Power Line Extension	7,222.00
4. Sidewalk Repairs	<u>2,364.65</u>
Total	<u>\$22,868.65</u>

B. Credit Orders to Contracts

1. Pharmacy Building	<u>\$11,875.38</u>
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Upon motion of Mr. Davis, seconded by Mr. Bricker, 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:

VII. PLANS AND SPECIFICATIONS (continued)

A. Research Center Offices - Repairs and Improvements

This project includes conversion of existing basement space and storage space to offices and a conference room, modification and improvements to the central air conditioning system, and additional electric power services to the office area.

Funds will be provided from the Research Foundation.

B. Physics and Astronomy Building

This project is an addition to the present Physics Building for research and undergraduate laboratories and classrooms. It will also house the Department of Astronomy.

Funds for this project will be provided from Item 002, H. B. 202, and Item 005, 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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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 Married Student Housing Community Building

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received 11-4-65)		
The Vorhees Co. (Columbus)		
Base Bid	\$16,961.95	\$17,500.00
Alt. G-2 Foundation Skirt	<u>1,901.00</u>	<u>1,700.00</u>
Total Contract	<u>\$18,862.95</u>	<u>\$19,200.00</u>

Funds for this project will be provided from the Dormitory Maintenance Account.

December 9, 1965 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

B. Baseline Project for Geodetic Science

	<u>Low Bid</u>	<u>Est. of Cost</u>
(4 bids received 11-9-65)		
Roland Getz (Mansfield)	\$22,400.00	\$25,000.00

Funds for this project will be provided from the University Treasurer Research Account, Budget Account 170202 and Budget Account 129020.

C. Pharmacy and Bacteriology Building Improvement

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received 11-16-65)		
Comfort Contractors (Columbus)	\$ 5,662.00	\$ 8,000.00

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

D. University Hospital - Repairs to Intensive Care Unit

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(1 bid received 11-23-65)		
Waller and Lund, Inc. (Columbus)	\$ 4,990.00	\$ 6,000.00
<u>Mechanical Contract</u>		
(3 bids received 11-23-65)		
Comfort Contractors, Inc. (Columbus)	14,276.00	17,000.00
<u>Electrical Contract</u>		
(3 bids received 11-23-65)		
Reco Electric (Columbus)	<u>9,480.00</u>	<u>12,500.00</u>
Total Contracts	<u>\$28,746.00</u>	<u>\$35,500.00</u>

Funds for this project are provided from the University Hospital Rotary.

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

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IX. CONTROLLING BOARD APPROVALS

Each numbered approval shown below accomplishes the following purpose:

- 12 (Board of Regents)
Transfers and releases \$100,000.00 from Item 006 University Branches to Item 038 The Ohio State University - Marion Branch, H. B. 949, to provide funds for architect's fees and miscellaneous planning expenses for the Marion Branch.

IX. CONTROLLING BOARD APPROVALS (continued)

- 24 Transfers \$2,000,000.00 from Item 032 Humanities Center to Item 044 Humanities Center, Language Building, H. B. 202, and releases \$125,000.00 for architect's fees and miscellaneous planning expenses for the Language Building.
- 26 Assigns Item Number 031, H. B. 202, to Graduate Research Center Biological Sciences and releases \$380,000.00 for architect's fees and miscellaneous planning expenses for the Graduate Research Center for Biological Sciences.
- 27 Releases \$80,000.00 from Item 018 Lima, Phase II, H. B. 202, to provide funds for architect's fees and miscellaneous planning expenses for the project Lima, Phase II.
- 28 Transfers \$1,223,000.00 from Item 032 to a new account, Item 045 Humanities Center, Speech Theater, H. B. 202, and releases \$80,000.00 for architect's fees and miscellaneous planning expenses for the Speech Theater.
- 33 Authorizes the award of contract without competitive bidding for the Spira-Park Garage at a cost not to exceed \$1,600,000.00.

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X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Employment of Structural Engineers, Jones Tower

It is recommended that the engineering firm of Fling & Eeman, Inc. be employed to provide professional engineering services for the structural system, including design calculations, drawings, specifications, estimate of cost, checking shop drawings, and field supervision of construction.

The fee for all work except field supervision shall be calculated on the basis of .50 per cent of the general contract cost and field supervision shall be done at an hourly rate of \$13.00 for principals and \$8.50 to \$11.50 for engineers, but not to exceed .50 per cent of the general contract cost.

Funds will be provided from the Dormitory Construction Account.

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

B. 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

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

B. Acquisition of Property for Educational, Research, Housing, and Service Facilities (continued)

WHEREAS, the University in planning to meet a portion of the needs of its students and its programs from the standpoint of educational, research, 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 H. B. 202 for this purpose and, in the event negotiations to purchase said 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 the City of Columbus, Franklin County, Ohio:

1. Being the south 86' of Lot 29, Elizabeth J. McMillen's Homestead Addition, Columbus, Franklin County, Ohio, and commonly known as 366 West Eighth Avenue. The owners of record are James D. and Helen V. Harville.
2. Being a 54' x 54' tract of the north side of Lots 29 and 30, Elizabeth J. McMillen's Homestead Addition, Columbus, Franklin County, Ohio, and commonly known as 1541-1543 Michigan Avenue. The owner of record is Lorene S. Legg.
3. Lot 36, Elizabeth J. McMillen's Homestead Addition, Columbus, Franklin County, Ohio, and commonly known as 404 West Eighth Avenue. The owners of record are Alice J. and John M. Bainter.
4. Lot 37, Elizabeth J. McMillen's Homestead Addition, Columbus, Franklin County, Ohio, and commonly known as 406-410 West Eighth Avenue. The owners of record are Jack B. and Hulda R. Smith.
5. Lot 38, Elizabeth J. McMillen's Homestead Addition, Columbus, Franklin County, Ohio, and commonly known as 412-414 West Eighth Avenue. The owners of record are John S. and Chidrina M. Urse.
6. Lot 39, Elizabeth J. McMillen's Homestead Addition, Columbus, Franklin County, Ohio, and commonly known as 418 West Eighth Avenue. The owner of record is Marie S. Mowery.

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

B. Acquisition of Property for Educational, Research, Housing, and Service Facilities (continued)

7. Lot 40, Elizabeth J. McMillen's Homestead Addition, Columbus, Franklin County, Ohio, and commonly known as 420-422 West Eighth Avenue. The owners of record are Dallas S. Mathews and Virginia S. Milligan.
8. Lot 41, Elizabeth J. McMillen's Homestead Addition, Columbus, Franklin County, Ohio, and commonly known as 426 West Eighth Avenue. The owner of record is Miriam D. Owen.
9. Lot 42, Elizabeth J. McMillen's Homestead Addition, Columbus, Franklin County, Ohio, and commonly known as 432 West Eighth Avenue. The owners of record are Anthony J. and Anne M. Nespeca.

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

C. Mansfield Campus, Phase II, Employment of Architect

It is recommended that the Director of Public Works be requested to appoint the architectural firm of Thomas Gene Zaugg and Associates, Mansfield, Ohio, under a standard State contract, as project architect, under the direction of the University Architect, to prepare preliminary plans for the Mansfield Campus, Phase II.

Funds in the amount of not to exceed \$6,000.00 are hereby appropriated, estimated to be 1.2 per cent of the construction cost, from Budget Account 179999, with said funds to be restored to said account when the construction account for the subject project is activated.

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

D. Horticulture, Forestry, and Food Technology Center - Construction of New Facility

The College of Agriculture and Home Economics through its Department of Horticulture and Forestry serves a wide segment of agribusiness, including the food processing industry. It is, therefore, proposed that a new structure, located west of the Olentangy River and north of the Leonard W. Goss Laboratory, be designed and constructed and known as the Horticulture, Forestry, and Food Technology Center.

It is recommended that the University Architect be appointed as the project architect, and that the Vice President for Business and Finance be authorized to request funds for preliminary plans in the amount of \$33,000.00, which is 1.2 per cent of \$2,750,000.00, estimated to be the construction cost of the project with a total turnkey cost of \$3,500,000.00.

December 9, 1965 meeting, Board of Trustees

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

D. Horticulture, Forestry, and Food Technology Center -
Construction of New Facility (continued)

Funds for this project are available in Item 315-034, H. B. 949.

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

XI. REPORTS

A. Report from President Fawcett Concerning the "Robert
Lazarus Professorship in Population Studies"

President Fawcett reported that at the October 14, 1965 meeting of the Board of Trustees the establishment of the "Robert Lazarus Professorship" was approved with the understanding that the field to which the professorship would be applied was to be selected by Mr. Lazarus, Sr. in consultation with Dr. John Weaver, Vice President for Academic Affairs and Dean of Faculties.

The President further reported that Vice President Weaver and Mr. Lazarus, Sr. have now conferred and they have recommended that the professorship be known as the "Robert Lazarus Professorship in Population Studies," and that the following statement be included in the official records of the Board of Trustees:

ROBERT LAZARUS PROFESSORSHIP IN POPULATION STUDIES

The Robert Lazarus Professorship in Population Studies was established in 1965 by gifts from members of the Lazarus family in honor of his birthday. An alumnus of this University (1912), Robert Lazarus throughout his career as a business executive has provided leadership and enthusiastic support to many civic organizations concerned with enlargement of educational opportunities and advancement of human welfare.

It is hoped that the holder of this Professorship will provide leadership in the development of population studies on a University-wide basis, and will actively cooperate with scholars having interests in this field at other Ohio colleges and universities. Population studies as a field of learning shall be construed broadly to include both its scientific and humanistic aspects.

The duties of this Professorship may appropriately include the arranging of interdepartmental and inter-university seminars and symposia, advising of graduate students, and serving as a guest lecturer at undergraduate classes concerned with population problems. It is anticipated that his services would also include research and scholarly writing, advising governmental and civic organizations, and participation in programs concerned with reduction of international tensions and population pressures in overcrowded areas of the world.

XI. REPORTS (continued)

A. Report from President Fawcett Concerning the "Robert Lazarus Professorship in Population Studies" (continued)

Qualifications for appointment to this Professorship should preferably include extended teaching and research experience in the field of population studies, and a record of accomplishment in developing educational programs of substantial size and scope. Candidates should be broadly trained in the social sciences, and have demonstrated competence in the analysis of population statistics.

Recommendations for appointment to this Professorship should be made to the Board of Trustees of the University in accordance with the usual rules and procedures as they exist at the time of an appointment. The Professorship shall be administratively located in a single department, but interested scholars in other departments should be consulted in filling this position.

B. Reports from the Finance and Investment Committee

1. Purchase of Property - University Airport

Mr. Allyn, 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 recommending purchase of a limited area of land adjacent to University Airport to be held in the Investment Portfolio.

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 four acres of land from Walter S. Umbstaetter and Marjorie E. Umbstaetter at a price of \$2,000.00 per acre. This property is located adjacent to the west end of University Airport and is contiguous to other investment land holdings in this area.

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. Allyn's motion 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 University's Investment Portfolio dated November 30, 1965, as submitted to the Finance and Investment Committee of the Board of Trustees and distributed to all members of the Board, was ordered to be filed with the official records of the Board.

December 9, 1965 meeting, Board of Trustees

XII. RESOLUTION AUTHORIZING COMPLETION OF PLANS FOR A NEW OFFICIAL RESIDENCE FOR THE PRESIDENT OF THE UNIVERSITY

Mr. Mervin B. France moved that the following resolution be adopted:

WHEREAS, the campus master plan prepared jointly by the Office of Campus Planning and the firm of Caudill, Rowlett, and Scott, and unanimously approved by the Board of Trustees on February 16, 1962, provides a new location for the President's House, thereby releasing valuable land area for student oriented purposes in a section of the campus which is in close proximity to a major complex of student residence halls;

WHEREAS, on the basis of the specifically designated gifts and pledges received during the years 1963-64 from friends of the University, some of whom are not graduates of Ohio State, the Board of Trustees on November 6, 1964, authorized the appointment of the firm of Cellarius and Hilmer as project architects, under the direction of the University architect, to prepare preliminary plans for a President's House to be constructed entirely from funds donated to the University for this express purpose;

WHEREAS, the Board of Trustees now has in hand cash and pledges in the amount of \$305,616.22 which have been specifically designated for the construction of the President's House;

WHEREAS, these said gifts have been designated for the construction of a President's House and can not be used for any other purpose; and

WHEREAS, the Board of Trustees is firmly committed that any additional costs needed for site improvement, utilities, and furnishings will be from contributions made by friends of the University who designate their gifts for this project;

NOW BE IT RESOLVED, that the aforesaid architects be authorized to complete plans, specifications, bidding documents, etc. in accordance with the November 6, 1964 action of the Board of Trustees and that the Vice President for Business and Finance be authorized to proceed with the implementation of the project following normal procedures. The construction costs are not to exceed \$300,000.00.

The motion to adopt the above resolution was seconded by Dr. Bertram D. Thomas and upon a roll call the resolution was adopted by a seven to one vote.

The following is the Secretary's record of the discussion which preceded the roll call vote on the above resolution;

Dr. Thomas in seconding the motion commented as follows:

A comment is not necessary in seconding the motion, but I would like to say that the resolution we have before us is clearly to the financial benefit of the State and a necessary improvement to the University; and, I therefore second the motion.

XII. RESOLUTION AUTHORIZING COMPLETION OF PLANS FOR A NEW OFFICIAL RESIDENCE FOR THE PRESIDENT OF THE UNIVERSITY (continued)

Mr. Ketterer:

I would like to indicate my approval of this motion by stating briefly my reactions to some of the many statements which have been made about this project over the past several months. Some can be labeled as distortions, some are nothing but positive untruths, some have insisted that this project is a self-aggrandizement proposal on the part of the President of the University.

I have the greatest respect for the administration and the President of the University. I have respect for the service that he has offered as the chief executive officer of this University. If I felt for a minute that this program was ill-advised or for his self-exultation, I would be one of the first to oppose it. A moment's reflection will show how foolish such an assumption (regarding self-aggrandizement) is. The President must remove himself from the University in due course of time and, therefore, to conclude that the house is a facility for the benefit of Dr. Novice G. Fawcett is ridiculous. It will become a facility of the University for his successors for many years to come. We have a precedent for moving the location and constructing a new house for the President. In the history of the University, I remember well the location of the President's House in 1920 when I came here as a student. Dr. William Oxley Thompson was living in a house located on High Street. In 1926 our beloved Dr. George Rightmire moved to the new structure, the building now occupied by the President. I doubt that anybody would have said Dr. Rightmire moved into a new residence as a means of exulting himself.

There is another statement made concerning the cost of the project. I hope there has been close attention paid to the substance of the resolution made by my friend Mr. France. We are committing ourselves that the overall cost of the house will not be more than \$300,000.00. We are further committing ourselves to the promise that the house, the improvement of the site, and furnishings will be met by funds that are not of taxpayer origin. I think it should not be necessary to say that the facility is needed; that the present house is poorly located; and that it is entirely outmoded as a structure for the size of The Ohio State University.

I grew up in a rural section of the State and the saying "Never look a gift horse in the mouth" was common to hear. We have funds offered to the University as Dr. Thomas has pointed out. These funds cannot be used for any other purpose. The improvement of the site and furnishings will be supported by donations for that purpose. We are left with only one thing--real estate. Certainly no one would compare the value of the new site with the high value of the land in the center of the campus where the house is now located. I should really count myself as remiss if I failed to support this resolution.

December 9, 1965 meeting, Board of Trustees

XII. RESOLUTION AUTHORIZING COMPLETION OF PLANS FOR A NEW OFFICIAL RESIDENCE FOR THE PRESIDENT OF THE UNIVERSITY (continued)

Mr. Shocknessy:

I would like to ask a question and make a statement--Are the drawings of the proposed house available this morning? I saw them a couple of months ago.

Mr. Carson responded:

I have no drawings here.

Mr. Shocknessy continued:

We have the drawings here for the Center for Tomorrow. We have no drawings for this house. I want the record to show that these drawings are not here. I don't know whether Dr. Thomas saw them. I know he was not there the night they were shown.

I don't defer to anybody in my respect for the President, Mr. Ketterer, and members of the Board, most of whom have been here longer than I have. I have respect for the President. I do not consider this project for his aggrandizement nor as a reward to him; neither do I believe that it is material what the source of the funds is. I think the construction of a monumental type house in these times presents a false standard of values, and I think further that the construction of a monumental type house at this time is out of tune with the times. Monumental type houses of this kind that would have been understood if the drawings were here are almost impossible to staff. Anybody who has had any experience staffing knows that the trend in these times is to smaller houses and simpler living. I am not impressed with the argument that the house is to be used for entertainment purposes, because entertainment in these times is generally being accomplished in public facilities where private help and domestic help are not required; even that is an overstatement because domestic help to staff large entertainments is at a premium.

I conclude by asserting my respect for the President and my belief in him as an administrative officer, and I believe it is out of tune with the times and it represents a false standard of value.

Mr. Davis:

I have appropriate respect for the views of my distinguished colleagues--John Ketterer eloquently stated the whole story. There are a couple additional comments that I would like to make. There has been discussion about the adequacy of the present facility. I am willing to concede that it is all right as a place for the President and his lady to eat and sleep. I think it is equally obvious that for the various and official significant responsibilities--responsibility to the present faculty, students and their families, and distinguished guests--a new structure is needed.

XII. RESOLUTION AUTHORIZING COMPLETION OF PLANS FOR A NEW OFFICIAL RESIDENCE FOR THE PRESIDENT OF THE UNIVERSITY (continued)

My good friend Jim (Shocknessy) used the word 'monumental' several times. I don't know what it means. I do know that on the basis of the preliminary plans developed up to date and plans for revising them, the house that will be constructed will be nothing more than what is adequate and necessary for the responsibilities for the head of this great University.

I would like to express on behalf of the people of Ohio the sincere sense of gratitude for those who have made provision for a fund to cover the cost of a house, for those who have come as friends of the University to provide the funds--the wherewithal to provide an official residence that will be in keeping with the high quality of the faculty and other facilities of this great University. I cannot believe that there are any other objectives by those public spirited individuals who understand the uses for the house. I think we are greatly indebted to them.

For those who still doubt the wisdom of the action, I predict that within a very few years--not more than five years--the wisdom of this action will be seen and thank God for those persons who have made it possible. I am pleased to be on the Board at this time and support this resolution.

Mr. Allyn:

I have great confidence that the Vice President for Business and Finance will be able to keep the construction costs within the amount of \$300,000.00, which is the amount we are committing.

Mr. Shocknessy:

The site improvement is going to be independently provided--the site improvement and furnishings.

Mr. Loop:

As Chairman of this Board, it would be difficult to supplement the very effective statements that have been made here this morning. In my opinion, since we all serve as representatives of the people of Ohio, it is the objective of doing what is best in our judgment. Those who have attempted to make this project connected with President Fawcett and as something to be appraised in 1965-66 rather than for the long time good of this University--those individuals who have chosen this course have rendered a great disservice to the University and its effectiveness.

XII. RESOLUTION AUTHORIZING COMPLETION OF PLANS FOR A NEW OFFICIAL RESIDENCE FOR THE PRESIDENT OF THE UNIVERSITY (continued)

Mr. Bricker:

I have had lunch with Fred Jones regularly, and he told me at the last luncheon I had with him that he was in favor of this project. There is no provision in our By-Laws for a proxy vote, but I do wish that it might show in our minutes that he favors this structure.

* * *

XIII. PROGRESS REPORT ON THE PROPOSED TWO-YEAR GENERAL COLLEGE

President Fawcett introduced Professor Richard H. Zimmerman whose appointment was approved on October 14, 1965, as Dean of the proposed two-year General College to be established on the campus of The Ohio State University west of the central academic area. In presenting Dean Zimmerman, President Fawcett requested that he give a report of progress on the development of the two-year General College.

A summary of Dean Zimmerman's report is as follows:

The Ohio Board of Regents, in its 'Provisional Master Plan for Public Education in Ohio,' April, 1965, is committed to the development of two-year commuting colleges throughout the State of Ohio. Constraints are being placed on central-campus institutions to foster and encourage the development of the two-year colleges, and thereby, decentralize lower-division education. The Board of Regents foresees that lower-division study on a central campus will eventually be restricted to resident students, specialized curricula and, possibly, the academically elite. Central campuses are to give increased attention to upper-division, professional, and graduate instruction. In the future, the decentralized two-year system will handle the great majority of all lower-division college students.

In addition to the establishment of branches throughout the State, the Regents are recommending that a number of existing universities in heavily populated regions of Ohio establish and assist the development of two-year colleges. The Regents' Provisional Master Plan states, 'The Ohio State University should provide a two-year general college program on a commuting basis serving primarily undergraduate students residing in the Columbus metropolitan area.'

In May, 1964, President Fawcett proposed the establishment of a two-year general college on the campus of The Ohio State University west of the central academic area. On December 22, 1964, President Fawcett appointed a committee of five faculty members to work with Vice President Weaver in the development of educational plans for the college. The results of this study are contained in a report recently submitted to President Fawcett and Vice President Weaver.

XIII. PROGRESS REPORT ON THE PROPOSED
TWO-YEAR GENERAL COLLEGE (continued)

The report proposes a plan for lower-division study on the Main Campus of The Ohio State University. A major portion of the report presents the proposed educational role for the two-year college to be located on the West Campus (within the Main Campus) of The Ohio State University. Certain recommendations on the interrelationships of all lower-division curricula, believed to be necessary in establishing the role of the new college, are included.

The recommended educational role for the new college involves two curricular functions found in nearly every one of the approximately 800 junior colleges in the United States, along with one function which is rarely found elsewhere. It is proposed that the college offer a two-year lower-division collegiate curriculum--preparatory to upper-division transfer, and two-year terminal education (both types constitute normal functions for a junior college). Additionally, the University College should offer one-year preparatory-transfer study--freshman collegiate curricula preparatory to sophomore study in degree colleges. The educational role being proposed for the two-year college does not include adult and vocational education, both of which are commonly offered in junior colleges.

The essential difference between the proposed two-year college and a typical junior college would be (a) the one-year preparatory transfer curricula, (b) the types of terminal programs which would be made possible, when needed, by the proximity of certain physical facilities on the Main Campus, (c) the intended experimentation with two-year transfer programs, and (d) the curricular articulations resulting from the college being an integral part of The Ohio State University--with associated implications relative to administrative, instructional and service units, and the physical facilities in general.

The report recommends certain 'first principles' for the new college, principles which are vital to its achieving any significant degree of acknowledged academic success. They are: (1) Excellence in teaching and counseling. While a faculty member in a degree college normally is engaged in a broad spectrum of professional activities, there would be few major important purposes for a faculty member in the proposed college other than excellence in both teaching and counseling. (2) Simplicity. The college cannot afford to try to be 'all things to all people.' It should attempt only several educational functions, and concentrate on doing them well. (3) Emphasis on improved instructional features. Faculty members in the new college, while not obligated to become engaged in non-pedagogical research, would be expected to place considerable emphasis in their work upon the development and use of improved instructional features. (4) Emphasis on curricular and functional articulation with other parts of the University. The heavy emphasis on transfer programs within the new two-year college requires that constant, careful attention be given to the prevention of discontinuities in curricula and standards between the degree colleges and the

December 9, 1965 meeting, Board of Trustees

XIII. PROGRESS REPORT ON THE PROPOSED
TWO-YEAR GENERAL COLLEGE (continued)

two-year college. Additionally, care must be taken in establishing functional articulation within the Main Campus. (5) Separate budgetary control. The college is entitled to its own separate budget--not a budget first filtering through other colleges. (6) Image. Two difficult and highly interrelated problems facing The Ohio State University when searching for the optimal educational role for the new two-year college are those of stigma and matriculational division of students. The image of the college must be protected, so that it can serve in the future as an important source of sophomores and juniors for the degree colleges.

President Fawcett and Chairman Loop commended Dean Zimmerman on the excellent presentation and the progress being made in the development of the plans for the proposed two-year college. Dr. John C. Weaver, Vice President for Academic Affairs, commented that Dean Zimmerman and the other four faculty members working on this assignment had worked diligently in a most creative manner on the development of an answer to a most difficult problem in higher education. In addition to Dean Zimmerman, the other faculty members on the committee are as follows: 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 Secretary was instructed to file the report of the committee with the official records of the Board of Trustees.

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Thereupon the Board adjourned.

Attest:

John T. Mount
Secretary

Alan B. Loop
Chairman

APPENDIX VII

Degrees Conferred at
THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

December 17, 1965

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RECIPIENTS OF HONORS

FRANCIS H. GRISWOLD
DOCTOR OF PUBLIC ADMINISTRATION

Outstanding educator and airman, whose lifelong service to his country has been dedicated to the cause of peace

Francis H. Griswold, former Commandant of the National War College, retired from the United States Air Force with the rank of Lieutenant General after a brilliant career as a military leader and educator. General Griswold exemplifies the role of scholar, educator, airman, and scientist of the twentieth century.

As Commandant, he was responsible for the administration and development of the curriculum of the National War College. This formidable institution provides an educational program not only for the leaders of the United States Departments of Defense, State, and Commerce and for executives from other agencies involved in national security, but also for leading figures from friendly governments as well. The fact that the National War College has been called the world's greatest institution dedicated to national security and peace testifies to the stature of the man who served as its head.

During the 1950's, General Griswold played a vital role in the creation, maintenance, and operation of the Strategic Air Command. As Deputy Commander-in-Chief, he was a key member of the leadership team which led the Command and which made it a major force in preserving the peace.

An illustrious graduate of The Ohio State University, General Griswold has been decorated by the British, French, and Polish governments. He is the recipient of the Order of the Knights of the British Empire, the Legion of Honor and Croix de Guerre with Palm from the Republic of France, and the Order of Polonia Restituta of the Polish Republic. His own country has honored his achievements by awarding him the Distinguished Service Medal, the Legion of Merit with one oak leaf cluster, and the Air Medal.

General Griswold's outstanding service, especially his great skill in translating national policy into the curriculum of the educational institution which he commanded, will continue to have a significant impact on our government as it seeks to chart its future course as a leader in the world family of nations.

HENRY E. HOAGLAND
DOCTOR OF LAWS

*Inspiring teacher, distinguished author, effective public servant,
creative scholar in finance*

Henry E. Hoagland, Emeritus Professor of The Ohio State University, has brought distinction to this institution by his outstanding service as a creative teacher and as a leading contributor to the thought in his academic field. He has inspired many of his students to carry on and extend his educational mission, and he has served as advisor and aide in administrative assignments of major significance.

Dr. Hoagland is nationally respected for his services as a pioneer member of the Federal Home Loan Bank Board in the 1930's and for his far-sighted wisdom and responsible leadership in shaping the savings and loan industry. Even to the present day, he has continued to serve with distinction as a consultant to the savings and loan industry and has brought to its problems a learned understanding of the American economic system.

From 1920 until his retirement in 1956, Dr. Hoagland served as Professor of Business Finance in the Department of Business Organization of this University. His students best remember Dr. Hoagland as a dynamic classroom teacher who took no dogma for granted. They remember, too, the challenge in his comments and his ready humor. He inspired creativity in research and satisfaction with nothing less than the highest level of scholarship.

During World War II, Dr. Hoagland served this University with distinction as Chairman of the Committee on Emergency Cooperation with Federal and State Government. This committee was responsible for marshaling faculty and student efforts required by the war emergency.

Corporation Finance, published in 1933, was the first of three college texts by Dr. Hoagland. In 1940, when real estate courses were in a formative stage, his pioneer text, *Real Estate Principles*, did much to crystallize course content for students of real estate. In 1954, his book, *Real Estate Finance*, fulfilled the need for advanced-level treatment of the field and, in revised edition, is widely used today. As a contributing editor to *The National Savings and Loan Journal*, monthly magazine of the National League of Insured Savings Associations, Dr. Hoagland has been an important force in educating and guiding professionals in the newest developments in real estate finance.

Since retirement from teaching, Dr. Hoagland has continued the scholarly interests and activities which made him an eminent leader in his field in his generation.

N. PAUL HUDSON
DOCTOR OF SCIENCE

Internationally known virologist and medical pioneer, distinguished teacher and administrator of graduate and professional education

The name of N. Paul Hudson, Professor Emeritus of The Ohio State University, is pre-eminently associated in scientific circles with the West African Yellow Fever Commission. The work of Dr. Hudson and his colleagues on this Commission affords a superb example of the heroic age of infectious disease research in which a small group of highly dedicated investigators, at great personal risk, went into the field to meet the challenge of one of the world's great epidemic diseases. Their work paved the way for rapid advance in the investigation and control of yellow fever and served as a model of subsequent investigation of other virus diseases, providing much of the fundamental knowledge needed for their control.

Dr. Hudson received the Ph.D. from the University of Chicago and the M.D. from Harvard Medical School. James Millikin University, from which he received the A.B. degree, conferred an honorary Sc.D. degree upon him in 1951. His distinguished university career began as Professor of Virology at the University of Chicago and continued at The Ohio State University as Professor and Chairman of the Department of Bacteriology, Dean of the Graduate School, Research Professor of Bacteriology, and Assistant Dean of the College of Medicine. His professional ability, scholarly excellence, his capacity to excite students, and his patient and sympathetic attitude toward them made him an effective and esteemed teacher and administrator.

Dr. Hudson was the Rockefeller Foundation representative for the War Health Program in London during the bombing of Britain, observing and supervising the first European trials of the newly developed influenza vaccine. As a consultant to the War Department during World War II, he helped to establish and direct the research program in defensive measures related to the use of biological warfare. His sound judgment on technical matters and his skill in working with people made him an invaluable contributor to this program.

Dr. Hudson's research and contributions to scientific knowledge, his concern for the intellectual growth of his students, his zeal in strengthening the standards for graduate education, and his war-time service with the government all testify to his deep convictions on the duties and responsibilities of a scientist and a scholar and to his stature in that dual role.

MORRIS SILVERMAN
DOCTOR OF HUMANE LETTERS

Eminent religious and civic leader whose life has been dedicated to the spiritual enlightenment of mankind and to the cause of human dignity

Morris Silverman, Rabbi Emeritus of Emanuel Synagogue, Hartford, Connecticut, has left an indelible mark and attained unusual distinction in several fields. He is recognized internationally for his scholarly contributions to liturgy. His pioneering and unremitting efforts in the field of civil rights have received many evidences of admiration and recognition, including an expression of gratitude from the President of the United States.

The five degrees which Morris Silverman has earned attest to his basic and comprehensive preparation for his many accomplishments. He has an A.B. from The Ohio State University; an M.A. from Columbia University; and the degrees of Rabbi, M. Hebrew Litt., and D. Hebrew Litt., from Jewish Theological Seminary of America. The honorary D.D. bestowed upon him by the Seminary was but recognition among his peers of his substantial achievements.

A liturgical scholar for more than 30 years, Dr. Silverman has produced a number of prayer books that are used by all congregations of Conservative Judaism, Hillel Foundations, summer camps, and United States armed forces throughout the world. He has made notable contributions to our knowledge and understanding of the history and development of Jewish liturgical texts. His scholarly endeavor required a thorough command of the Hebrew language, of the major rabbinic sources, and of a wide variety of historical and theological materials, in addition to a mastery of English style. His superb editions and translations are striking evidence of his deep learning and of the sensitivity with which he writes the English language.

On the humanitarian front, Dr. Silverman has often been a pioneer and always an indefatigable worker. He has served on the Connecticut State Commission on Civil Rights for 22 years, six as Chairman. He has appeared before Congressional Committees and other national groups on behalf of the rights of his fellow beings. His service as a spokesman for social justice led to a sponsored trip around the world on behalf of all Americans to present the facts about the civil rights movement and its accomplishment—actual and potential—in the United States. Through his work, Dr. Silverman has contributed to the alleviation of human suffering, to the betterment of inter-faith relations, to the reestablishment of human dignity, and to the elevation of the downtrodden and underprivileged in our society.

A man of extraordinary talent and ability, Morris Silverman is dedicated to his professional calling, to scholarship, and to the preservation and advancement of basic human values.

SMITH L. RAIRDON
THE OHIO STATE UNIVERSITY DISTINGUISHED SERVICE AWARD

*Industrial and civic leader, dedicated alumnus
and trustee of The Ohio State University*

Smith L. Rairdon has been an effective and productive partner of The Ohio State University for more than four decades. Only he can know the extent to which his undergraduate years instilled in him the sense of duty toward his alma mater which later led to the major positions of leadership he has held in behalf of Ohio State. Yet the record is clear. Smith Rairdon has left a permanent mark of outstanding service to this institution, both as a trustee and as an alumni leader.

From 1949-1951, Mr. Rairdon served as national president of The Ohio State University Association, the official alumni organization, and was completing a seven-year term on the Alumni Advisory Board when he was appointed to the Board of Trustees of the University. He has also served as chairman of the Advisory Committee of the College of Commerce and Administration and was the first person to be selected as an honorary member of the Ohio State chapter of Beta Gamma Sigma, commerce honorary society.

Appointed a trustee in 1958, Mr. Rairdon was a creative participant in the development of University policy during his seven-year term. As chairman, his long-standing loyalty to the welfare of Ohio State and his broad experience in business affairs were brought to bear on the task of guiding this institution during a period of unprecedented growth and development. Those same personal values which led him to assume positions of civic leadership and to exemplify in his own home the best traditions of family life added a rich dimension of understanding to his work in behalf of Ohio State students.

Mr. Rairdon is an executive vice president and a member of the board of directors of Owens-Illinois Glass Company.

GRADUATE SCHOOL

Dean: RICHARD ARMITAGE

Doctor of Philosophy

- Dorothy Adalis, B.S.H.E., A.M. (West Virginia University) ; M.Sc.
Weirton, W. Va.
*Dissertation: An Appraisal of Broad Subject-Matter Areas in the
Pre-service Preparation Program of Biology Teachers in
West Virginia*
Field of Specialization: Education
- Satish Kumar Aggarwal, B.A., M.A. (Punjab University)
Rajpura, Punjab, India
*Dissertation: Diophantine Inequalities in Fields of Formal Laurent
Power Series*
Field of Specialization: Mathematics
- James Kenneth Baker, B.S., M.S. (Oklahoma State University)
Stillwater, Okla.
*Dissertation: Determining Employment Opportunities and Educational
Needs for Animal Science Technicians in Ohio*
Field of Specialization: Agricultural Education
- Richard Allen Ball, B.S., A.M. (West Virginia University) . . Keyser, W. Va.
Dissertation: Neutralization as a Self Factor in Delinquency Risk
Field of Specialization: Sociology and Anthropology
- Ronald Herman Ballou, B.M.E., M.B.A. Columbus
*Dissertation: Multi-echelon Inventory Control for Interrelated and
Vertically Integrated Firms*
Field of Specialization: Business Organization
- George Baum, B.S. in Ind. Chem. (Case Institute of Technology) ; M. Sc.
Dayton
*Dissertation: Studies of Synthesis of Benzocyclopropenes:
I. Thermolysis and Photolysis of Indazoles
II. Aryne Cyclization Processes*
Field of Specialization: Chemistry
- Harbans Singh Bhola, B.A., M.A. (English), M.A. (History) (Punjab
University) ; M.S. in Ed. (Indiana University) . . New Delhi, India
*Dissertation: A Theory of Innovation Diffusion and Its Application to
Indian Education and Community Development*
Field of Specialization: Education
- Jane Pycraft Bibler, A.B. (Miami University) ; M.Sc. Lorain
*Dissertation: Studies of the Sulfur Dioxide Insertion of Some Metal
Complexes*
Field of Specialization: Chemistry
- Ned Eugene Bibler, B.S. (Denison University) ; M.Sc. Bucyrus
*Dissertation: The Tritium Beta-Ray Induced Reactions in Deuterium
Oxide Vapor and Hydrogen or Carbon Monoxide and
the Exchange of H-Atoms with Water Molecules*
Field of Specialization: Chemistry
- Inez Moore Boddy, B.S. (Wilberforce University) ; B.S. in L.S.
(Western Reserve University) ; M.A. Wilberforce
*Dissertation: The Relationship Between Librarians and Audio-visual
Specialists in Colleges and Universities and the Role of
Each in the Academic Process*
Field of Specialization: Education

- Thomas Alan Breiter, B.S. (Mankato State College, Minnesota); M.Sc.
Lake Crystal, Minn.
Dissertation: On the Lebesgue Property and Related Topics
Field of Specialization: Mathematics
- David Joseph Brophy, B.A., B. Com. (Saint Francis Xavier University);
M.B.A. (University of Detroit)
Summerside, Prince Edward Island, Canada
Dissertation: Liquid Asset Composition of Large Nonfinancial Corporations, 1957-1962
Field of Specialization: Business Organization
- Herbert Duane Brum, B.Sc. in Agr., M.Sc. Marietta
Dissertation: Non-farm Agriculture Employment Opportunities and Training Needs in Ohio
Field of Specialization: Agricultural Education
- Michael Shelton Caldwell, B.S.B.A. (University of Arkansas); M.S.E.
(Henderson State Teachers College) Hot Springs, Ark.
Dissertation: A Study of Three Selected Federal Acts: Background, Provisions, Arguments and Impacts
Field of Specialization: Education
- David Alan Chatfield, Met. Engr. (University of Cincinnati); M.Sc.
Lancaster
Dissertation: Interface Motion and Concentrations in Multiphase Diffusion Couples
Field of Specialization: Metallurgical Engineering
- James Edward Christiansen, B.S. in Agr., M. Agr. Ed. (University of Arizona) Tempe, Ariz.
Dissertation: The Adoption of Educational Innovations Among Teachers of Vocational Agriculture
Field of Specialization: Agricultural Education
- Gordon Dixon Collins, B.A. (Tarkio College); M.A. Marshall, Mo.
Dissertation: A Review and Experimental Assessment of the Generalization Decrement-Discrimination Hypothesis of Extinction
Field of Specialization: Psychology
- James Laurence Corey, B.S. (University of Florida); M.S. (University of Maine) St. Petersburg, Fla.
Dissertation: The Radiolysis of Liquid Nitromethane
Field of Specialization: Chemistry
- Benjamin Anthony DeGraff, Jr., B.A. (Ohio Wesleyan University); M.Sc.
Cuyahoga Falls
Dissertation: The Photochemistry of Formaldehyde
Field of Specialization: Chemistry
- Charles Ward Dodrill, B.A. (Glenville State College, West Virginia); M.A.
(University of Kansas) Westerville
Dissertation: History of Speech and Theatre at Otterbein College, 1847-1950
Field of Specialization: Speech
- Li-jen Du, B.S. in Eng. (National Taiwan University); M.Sc.
Hsing-Chu, Taiwan, China
Dissertation: A Study of Electrodynamics Involving Moving Media
Field of Specialization: Electrical Engineering
- Vishwa Chander Dumir, B.A., M.A. (Punjab University)
Hoshiarpur, India
Dissertation: Diophantine Inequalities for Quadratic and Other Forms
Field of Specialization: Mathematics

- Robert Fred Durnford, B.S. in E.E., M.S. in E.E. (Montana State College)
Bozeman, Mont.
Dissertation: Induction Motor Control by Rotor Circuit Solid-State Devices
Field of Specialization: Electrical Engineering
- Harry Allen Ecker, B.S. in E.E., M.S. in E.E. (Georgia Institute of Technology) Dayton
Dissertation: Study of Directivity Optimization for Linear Antennas
Field of Specialization: Electrical Engineering
- Thomas Peter Enger, B.A., M.A. (Montana State University)
Missoula, Mont.
Dissertation: Protectionism and Development
Field of Specialization: Economics
- Mary Heyward Ferguson, A.B., M.A. (Duke University) Delaware
Dissertation: The Debate Between the Body and the Soul: A Study in the Relationship Between Form and Content
Field of Specialization: English
- W. Bruce Finnie, B.A. (University of Akron); M.A. (Columbia University)
Akron
Dissertation: A Structural Study of Six Medieval Arthurian Romances
Field of Specialization: English
- Thomas James Fitzgerald, B.S. in Phar. (Union University); M.Sc.
Troy, N. Y.
Dissertation: A Study of the Kinetics of the Acid-catalyzed Hydrolysis of Colchicine and Some Related Tropolone Methyl Ethers
Field of Specialization: Pharmacy
- Jack LeRoy Flinner, A.B. (Wittenberg University); M.S. (University of Illinois) Springfield
Dissertation: The Elastic Scattering of Deuterons from Nitrogen 14 Between 1.8 MeV and 5.5 MeV
Field of Specialization: Physics
- †Gordon Foster, A.B. (Oberlin College) M.Ed. (Miami University) .. Oxford
Dissertation: The Use of Selected Content from the Humanities in Graduate Training Programs for Educational Administrators
Field of Specialization: Education
- Edward Herbert Fowler, B.S. in Agr. (University of New Hampshire); B.S., M.S., D.V.M. (Michigan State University) .. Raymond, N. H.
Dissertation: Enzyme Histochemical Studies of Canine Neoplasms in Vivo and in Vitro
Field of Specialization: Veterinary Pathology
- Frederick John Fraikor, B.S. in Met. E. (Carnegie Institute of Technology)
Duquesne, Pa.
Dissertation: Vacancy Concentration and Precipitation in Quenched Pure Gold and Gold-Silver Alloys
Field of Specialization: Metallurgical Engineering
- Charles George Fry, A.B. (Capital University); M.A. Circleville
Dissertation: Matthias Loy, Patriarch of Ohio Lutheranism, 1828-1915
Field of Specialization: History
- Devendra Kumar Garg, B.Sc. in Ag., M.Sc. in Ag. (Agra University)
Bijnor, India
Dissertation: Effect of Photoperiod, Temperature, Nitrogen, and Gibberellic Acid on Rhizome Growth and Differentiation in Cyperus Esculentus L.
Field of Specialization: Agronomy

† Degree granted in cooperation with Miami University.

- Joseph Michael Genco, B.S. in Ch.E. (Case Institute of Technology); M.Sc. Cleveland
Dissertation: A Study of Azeotropy and Its Effect on the Critical Region of Binary Systems: The Perfluoro-Methylcyclohexane-Isomeric Hexane Systems
Field of Specialization: Chemical Engineering
- Milton Benjamin Goldinger, B.A., M.A. (University of Maryland) Baltimore, Md.
Dissertation: The Moral Justification of Punishment
Field of Specialization: Philosophy
- Sister Richard Mary Grimes, B.A. (Saint Joseph's College for Women, New York); A.M. (New York University)..... Columbus
Dissertation: Hemingway: The Years with Esquire
Field of Specialization: English
- Larry Eugene Grisvard, B.A. (University of Toledo); M.A. (Bowling Green State University)..... Cape Girardeau, Mo.
Dissertation: The Final Years: The Ludlow and Smith Theatrical Firm in St. Louis, 1845-1851
Field of Specialization: Speech
- Kanji Haitani, B.A. (Ohio Wesleyan University) Chikusa-Ku, Nagoya, Japan
Dissertation: Japan's Export Trade: Its Structure and Problems
Field of Specialization: Economics
- Mohamed Yousry Hamdy, B.M.E. (Cairo University); M.S. (Michigan State University)..... Cairo, Egypt
Dissertation: Theoretical Analysis of Centrifugal Threshing and Separation
Field of Specialization: Agricultural Engineering
- Rajinder Jeet Hans, B.A., M.A. (Punjab University)..... Punjab, India
Dissertation: Some Results on Lattice Packings and Coverings
Field of Specialization: Mathematics
- Mantaro Joseph Hashimoto, B.A., M.A. (University of Tokyo) Ota-shi, Gumma-ken, Japan
Dissertation: Phonology of Ancient Chinese
Field of Specialization: Linguistics
- John Ervin Holman, B.S. in Agr., D.V.M. (University of Missouri) Kensington, Md.
Dissertation: Pathogenesis of Porcine Polioencephalomyelitis in the Germfree Pig
Field of Specialization: Veterinary Pathology
- †Larry Wayne Hughes, B.Edu., M.Edu. (University of Toledo).... Kenton
Dissertation: The Organizational Climate Found in Central Administrative Offices of Selected Highly Innovative and Non-innovative School Districts in the State of Ohio
Field of Specialization: Education
- James Riddle Hundley, Jr., B.Sc. in Agr.; M.S. (University of Wisconsin) Eldorado
Dissertation: A Test of Theories in Collective Behavior: The National Farmers Organization
Field of Specialization: Sociology and Anthropology
- Fern Ensminger Hunt, B.Sc. in H.E., M.Sc..... Mt. Perry
Dissertation: Handling and Storage of Commercially Frozen Food in Households in Ohio and Effect of Certain Practices on Bacterial Survival
Field of Specialization: Home Economics

† Degree granted in cooperation with Miami University.

- Robert Elwood Hunter, Aero. Engr. (University of Cincinnati) ; M.Sc.
Waynesville
Dissertation: Exploring the Feasibility of the Electrodeless Colloid Thruster
Field of Specialization: Aeronautical and Astronautical Engineering
- LaDon Jerome Johnson, B.S. (North Dakota Agricultural College) ; M.S.
(North Dakota State University) Grandin, N. Dak.
Dissertation: Relation of Certain Physiological Measures to Performance in Growing Beef Cattle
Field of Specialization: Animal Science
- Earl Franklin Kantner, B.Sc. in Agr., M.Sc. Wapakoneta
Dissertation: Adapting the FFA to a Changing Program of Vocational Agriculture
Field of Specialization: Agricultural Education
- John Michael Keenan, B.A., M.S. (University of Colorado) .. Pendleton, Ore.
Dissertation: A Study of Suboptimization with a Management Game
Field of Specialization: Business Organization
- Debi Charan Khan, B.S. (Hons.), M.S. (University of Calcutta)
Howrah, West Bengal, India
Dissertation: A Neutron Diffraction Study of Cobaltous Oxide
Field of Specialization: Physics
- Sara Beth Greene Kiesler, S.B. (Simmons College) ; A.M. (Stanford University) Portola Valley, Calif.
Dissertation: An Experimental Study of Gratitude
Field of Specialization: Psychology
- Stanley Su Soon Kim, B.A. (University of Hawaii) ; M. Social Work
Honolulu, Hawaii
Dissertation: A Configurational Approach to Predict Success or Failure on Juvenile Parole
Field of Specialization: Social Work
- John Edward King, B.A. Wooster
Dissertation: Erythropoiesis in the Bone Marrow of the Fetal Rabbit: A Morphological Study
Field of Specialization: Anatomy
- William Angus Koehnline, A.B., M.A. (University of North Carolina)
Wheeling, W. Va.
Dissertation: Problems Arising in English Classes for Academically Talented College Freshmen
Field of Specialization: Education
- Guillermo Rivera Lazaro, B.S. in Ed., M.A. in Ed. (University of the Philippines) Quezon City, Philippines
Dissertation: Guidelines from the Yearbooks of the National Council for the Social Studies: A Trend Study
Field of Specialization: Education
- James Roger Lindholm, B.M., M.M. (Northwestern University) .. Toccoa, Ga.
Dissertation: The Parlement of Hefne: A Liturgical Drama for Soloists, Chorus, Dancers, Strings, Woodwinds, Brass, Percussion, Timpani, Organ, and Pre-recorded Tape
Field of Specialization: Music
- David Harlan McConaughy, B.Sc. in Bus. Adm., M.B.A. Ypsilanti, Mich.
Dissertation: The Role of Automatic Data Processing in Inventory Management in Selected Large Department Stores
Field of Specialization: Business Organization

- John Allen McKnight, B.S. (Geneva College); M.A.....Bucyrus
Dissertation: Perceptions of Ohio Educational Administrators Regarding the Use of Federal Funds for Education
Field of Specialization: Education
- Robert William Menefee, B.S in Edu. (University of Akron); M. of Edu. (Kent State University).....Cuyahoga Falls
Dissertation: Measuring Elementary School Children's Ability to Use Evidence from Scientific Instruments in Decision-Making Situations
Field of Specialization: Education
- Charles Henry Nicol, B.S. (Capital University).....New Washington
Dissertation: Relations Between Photodecomposition Modes and Molecular Structure in a Series of Carbonyl Compounds
Field of Specialization: Chemistry
- Ernest Richard Nilo, B.S. (University of Wisconsin); M.A. (University of Maryland).....Columbus
Dissertation: Relation of Placement, Force and Pressure of Application, and Surface Area of the Bone-Conduction Transducer to Absolute Threshold of Sensitivity of Hearing by Bone Conduction
Field of Specialization: Speech
- Abdulkaki Turhan Oguzkan, B.Sc. in Edu., M.A.....Istanbul, Turkey
Dissertation: The University Extension Movement in the United States and Its Implications for the Middle East Technical University, Turkey
Field of Specialization: Education
- Gerald Phillip Owens, B.S. (Phillips University); M.S. (Kansas State University).....Fort Worth, Tex.
Dissertation: Factors Affecting the Demand for Outdoor Recreation
Field of Specialization: Agricultural Economics and Rural Sociology
- Martin Michael Perline, B.A. (Arizona State University); M.A. Phoenix, Ariz.
Dissertation: A Comparative Analysis of the Trade Union Press
Field of Specialization: Economics
- Barry Warren Poulson, B.A. (Ohio Wesleyan University); M.A. Cleveland Heights
Dissertation: Value Added in Manufacturing, Mining, and Agriculture in the American Economy from 1809 to 1839
Field of Specialization: Economics
- Fred Arnold Racle, B.Sc., M.Sc.....Columbus
Dissertation: The Effect of pH and Trace Element Concentration on Certain Metabolic Processes in Trichoderma SP
Field of Specialization: Botany and Plant Pathology
- K. Syed Abdur Rahim, B. Engr. (University of Mysore); M.Sc. Karachi, West Pakistan
Dissertation: A Theoretical Investigation of Stress Distribution for a Strip Load Placed at Different Depths in an Elastic Half Space
Field of Specialization: Civil Engineering
- Bernard Claude Ream, B.S. (Seton Hall University); M.Sc...Johnstown, Pa.
Dissertation: Reactions of Ketones with Phosphorus Pentachloride
Field of Specialization: Chemistry
- Harlan Eugene Ridenour, B.Sc. in Agr. M.Sc.....Fredericktown
Dissertation: Guidelines for Organizing and Operating a State Vocational Agriculture Curriculum Materials Service
Field of Specialization: Agricultural Education

- James McNulty Ainslie Robinson, B.S. Ret., M.B.A. (Washington University).....Port Arthur, Ont., Canada
Dissertation: The Merchandise Mart: A Systems Approach to the Central Market Process
Field of Specialization: Business Organization
- Arthur Ronny Salman, A.B. (Queens College); M.A.....Bronx, N. Y.
Dissertation: The Development and Validation of a Projective Measure of Need for Approval
Field of Specialization: Psychology
- Youssef Mohamed Ali Sida, M.Ed. (University of Minnesota) Cairo, Egypt
Dissertation: Arabic Calligraphy in Contemporary Egyptian Murals with an Essay on Arab Tradition and Art
Field of Specialization: Art
- Sadanand Singh, B.A. (Hons.), M.A. (Bihar University); Ph.D. (Ranchi University).....Bihar, India
Dissertation: A Cross-Language Study of Perceptual Confusion of Plosive Phonemes in Two Conditions of Distortion
Field of Specialization: Speech
- Dale Richard Sparling, B.S. (University of Wyoming); M.S. (Wayne State University).....Birmingham, Mich.
Dissertation: Geology of Ottawa County, Ohio
Field of Specialization: Geology
- Martin LeRoy Stahl, B.S. (Bluffton College); M.Ed. (Bowling Green State University)Lima
Dissertation: Program Opportunities and Per-Pupil Costs of Services for the Academically Gifted
Field of Specialization: Education
- John Barnt Stevenson, B.S in Ed., B.D., M. Edu. (Wittenberg University) Elida
Dissertation: Practicum Facilities in Ohio's Thirteen Collegiate School Counselor-Education Programs
Field of Specialization: Education
- JoAnn Kay Stiles, B.S.H.E. (Purdue University); M.A. (Ohio University) Seymour, Ind.
Dissertation: The Reading Achievement Motivation of the Beginning Reader
Field of Specialization: Psychology
- John Michael Swartz, B.S. (Alfred University); M.Sc.....Columbus
Dissertation: Analysis of the Effect of Fast Neutron Bombardment on the Current-Voltage Characteristic of a Conductivity-Modulated P-I-N Diode
Field of Specialization: Electrical Engineering
- James Irvin Taylor, B.S. in C.E., M.S.C.E. (Case Institute of Technology) Westerville
Dissertation: Photogrammetric Determination of Traffic Flow Parameters
Field of Specialization: Civil Engineering
- Virginia France Thomas, B.S. in H.E. (West Virginia State College); M.S. (Home Ec. Ed.) (West Virginia University) S. Charleston, W. Va.
Dissertation: Relationship of Specified Aspects of a Supervisory Program to a Balanced High School Home Economics Curriculum
Field of Specialization: Home Economics (Education)

- Dale Stirling Thomson, A.B. (Cedarville College); M.Sc. Cedarville
Dissertation: Histogenesis of Proventricular Submucosal Glands of the Chick as Revealed by Light and Electron Microscopy
Field of Specialization: Zoology and Entomology
- Oscar Israel Tosi, Ing., Ing. (Universidad Nacional de Buenos Aires)
 Buenos Aires, Argentina
Dissertation: A Method for Acoustic Segmentation of Continuous Sound into Pauses and Signals and Measurement of Segment Durations
Field of Specialization: Speech
- Ronald V. Urick, B.Sc. in Edu., M.A. Troy
Dissertation: The Reflective Approach to Social Studies Education and Historical Explanations in American History Textbooks
Field of Specialization: Education
- James Walter Vigen, B.S., M.S. (Colorado State University) Toledo
Dissertation: Analysis of Demand for Wheat in the European Economic Community with Projections to 1970 and 1975
Field of Specialization: Agricultural Economics and Rural Sociology
- Charles Carey Walker, B.S., M.S. (John Carroll University) Westlake
Dissertation: Part I The Preparation, Properties and Chemistry of Triphenylphosphazines and N-Benzamidotriphenylphosphinimine
Part II The Reaction of Glyoxal with p-Toluenesulfonyl Hydrazide and B-Naphthalenesulfonyl Hydrazide: The Base Catalyzed Decomposition of Vicinal-Bis-p-Toluenesulfonylhydrazones and 1-p-Toluenesulfonylhydrazones and 1-p-Toluenesulfonamido-1, 2, 3-Triazoles
Part III The Attempted Preparation of Bicyclic Amides
Field of Specialization: Chemistry
- Dennis William Ware, B.S.A., M.S.A. (University of British Columbia)
 Ottawa, Ont., Canada
Dissertation: The Economic Implications of Free Trade in Agricultural Products Between Canada and the United States
Field of Specialization: Agricultural Economics and Rural Sociology
- Gerald Louis Weiss, B.A. (Northwestern University); M.S. Chem.
 (University of Michigan) Phoenix, Ariz.
Dissertation: A Current Efficiency Study and Method of Analysis for Micro Quantities of Silver
Field of Specialization: Chemistry
- Robert Stanley Welsh, B.Sc. in Agr., M.A. Zanesville
Dissertation: Management-Labor Relations in the Retail Food Industry: Emphasis, Technological Change
Field of Specialization: Agricultural Economics and Rural Sociology
- Hugh Evan Whittington, B.S. in Ed. (Wittenberg University); M.A.
 Springfield
Dissertation: A Study of Organizational Patterns for Instructional Improvement
Field of Specialization: Education
- Mohamed Abdel Halim Zaki, B.Sc. (Cairo University); M.Sc.
 (University of Ain Shams) El Minia, Egypt
Dissertation: Economic Development in the U.A.R. (Egypt) and the Role of the Agricultural Sector
Field of Specialization: Agricultural Economics and Rural Sociology

(Ninety-one candidates)

Master of Accounting

- Thomas Earl Crawford, B.S. (Butler University).....Columbus
Field of Specialization: Accounting
- Peter John Hackett, B.A. (University of Notre Dame).....Springfield
Field of Specialization: Accounting
- Stephen Randolph Hatcher, B.Sc. in Bus. Adm.....Columbus
Field of Specialization: Accounting
- Mitchell Joel Stein, B.S. (Temple University).....Philadelphia, Pa.
Field of Specialization: Accounting
(Four candidates)

Master of Arts

- Fredrick Dean Altizer, B.A.....Jacksonville, Fla.
Field of Specialization: English
- Gillian Warrington Anderton, B.A. (University of Manchester)
Stafford, England
Field of Specialization: English
- Anne G. Wells Andes, B.A. (Wellesley College).....Worthington
Field of Specialization: Physical Education (Health Education)
- Virginia Ann Arnold, B.S. in Edu. (Kent State University).....Columbus
Field of Specialization: Education
- Betty Carter Ausenheimer, B.Sc. in Edu.....Bucyrus
Field of Specialization: Speech
- John William Baldwin, B.Sc. in Edu.....Plain City
Field of Specialization: Education
- John Francis Barr, B.Sc. in Edu.....Lexington
Field of Specialization: Physical Education
- Hubert Harry Basehart, B.A. (Kent State University)....Newcomerstown
Field of Specialization: Political Science
- Nancy Jane Beran, B.A.....Euclid
Field of Specialization: Sociology
- Doris Stephens Bossen, A.B. (Vassar College).....Columbus
Field of Specialization: Education
- Alberta Bone Boston, B.A. (Ohio Wesleyan University)....Brooklyn, N. Y.
Field of Specialization: Education
- Marilyn Firth Braun, B.A. (Rockford College, Illinois).....Worthington
Field of Specialization: Education
- Frank Lewis Breedlove, B.Sc. in Agr.....Springfield
Field of Specialization: Agricultural Education
- Lawrence Brockett, B.Sc. in Agr.....Greenwich
Field of Specialization: Agricultural Education
- Julia Myrtle Aycock Butler, B.S. in Edu. (Wilberforce University)
Columbus
Field of Specialization: Education
- Dean A. Christopher, B.Sc. in Edu.....Canton
Field of Specialization: Education

- Lawrence Mason Clopper, Jr., B.A. (Johns Hopkins University) Denton, Md.
Field of Specialization: English
- Richard Hunter Clossman, B.A. (Bob Jones University);
 B.D. (Marshall University) Zanesville
Field of Specialization: History
- John Joseph Cogan, B.S. in Edu. (Kent State University) Columbus
Field of Specialization: Education
- Marilyn Mawhorter Collier, B.S. in Edu. (Bowling Green
 State University) Reynoldsburg
Field of Specialization: Education
- Gloria Lisko Colon, B.S. in Edu. (Mount Mercy College) Tarentum, Pa.
Field of Specialization: Psychology
- Judy Louise Conklin, B.A. (University of Idaho) Spokane, Wash.
Field of Specialization: Education
- Clidie Thomas Cook, B.S. (Southern University) Baton Rouge, La.
Field of Specialization: Education
- Barbara Ann Cooley, B.S. in Ed. (Madison College, Virginia) Hampton, Va.
Field of Specialization: Physical Education (Health Education)
- Walter Corwin Cory, B. Mus. Columbus
Field of Specialization: Music
- Stewart Robert Cowie, B.Sc. (University of London) Pudsey, Yorkshire, England
Field of Specialization: Geography
- Beverly Ann Cronin, A.B. (University of Michigan) Columbus
Field of Specialization: English
- Betty Sheppard Curry, B.Sc. in Edu. Columbus
Field of Specialization: Education
- Carolyn Stines Davies, B.S.Ed. (Ohio University) Dayton
Field of Specialization: English
- Howard Charles DeMartini, B.A. (La Salle College, Pennsylvania) Valhalla, N. Y.
Field of Specialization: Economics
- Verma Newman Dooley, B.Sc. in Edu. Columbus
Field of Specialization: Education
- Linda Weathers Dudycha, B.A. (Columbia College, South Carolina) St. George, S. C.
Field of Specialization: Psychology
- Charles Arthur Ekstrom, A.B. (Denison University) Columbus
Field of Specialization: Sociology
- Robert James Entsminger, B.Sc. in Edu. Columbus
Field of Specialization: Physical Education
- Helen Harrison Evans, B.Sc. in H.E. Columbus
Field of Specialization: Education
- Bette Lannert Fay, A.B. (Wittenberg University) Springfield
Field of Specialization: Education

- Margaret Miller Frederick, A.B. (Morehead State Teachers College,
Kentucky)..... Washington C.H.
Field of Specialization: Education
- Wilma Joyce Geithman, B.Edu. (University of Toledo)..... Toledo
Field of Specialization: Education
- Edward Alan Gelb, A.B. (Rutgers University)..... Roselle Park, N. J.
Field of Specialization: Psychology
- Leonard Michael Giambra, B.A. (University of Rochester)
Jamestown, N. Y.
Field of Specialization: Psychology
- Joan Givens, B.A. (Lynchburg College, Virginia)..... Decatur, Ga.
Field of Specialization: Education
- Ina Lynch Green, B.S. (Abilene Christian College)..... Abilene, Tex.
Field of Specialization: Psychology
- Donald Ray Haines, B.Sc. in Edu..... Van Wert
Field of Specialization: Education
- Harry Thomas Hance, B.A. (Duke University)..... Westerville
Field of Specialization: History
- Jehoash Harishchandra, B.A. (Nagpur University); B.T., M.A.
(University of Saugar)..... Dhamtari, M. P., India
Field of Specialization: Education
- Ann Russell Holderness, B.S. in Ed. (University of Tennessee)
Concord, Tenn.
Field of Specialization: Music
- Jane Randall Hott, B.A. (Friends University)..... Columbus
Field of Specialization: Education
- Patricia Cazier Hutchins, B.A..... Worthington
Field of Specialization: History
- Ethel Calloway Jennings, B.S. in Edu. (Wilberforce University) .. Columbus
Field of Specialization: Education
- Sami Yusef Kalliney, B.Sc. and Ed. (Teachers Training College, Cairo)
Abu Kurkas, Minia, Egypt
Field of Specialization: Education
- Robert Max Ketchersid, B.S. Math. (Tennessee Wesleyan College);
B.S. Jour. (University of Tennessee)..... Spring City, Tenn.
Field of Specialization: Journalism
- Kathleen Johanna Kienzle, B.A. (Duke University)..... Columbus
Field of Specialization: Journalism
- Patricia Vukovich Kramer, B.A..... Youngstown
Field of Specialization: Speech
- James Edward Kraus, B.A. (College of Saint Charles Borromeo).... Akron
Field of Specialization: Education
- Kay Bias Kriebel, B.S. (Rio Grande College)..... Columbus
Field of Specialization: Education
- Edward Earl Lay, B.S. Edu. (Ohio Northern University)..... Columbus
Field of Specialization: Education
- Leslie Howard Leibowitz, B.A. (University of Oklahoma) .. Brooklyn, N. Y.
Field of Specialization: Psychology

- John Woodmansee Leland, B.A. (Maryville College) Washington C.H.
Field of Specialization: History
- Richard Murray Levin, B.Sc. in Edu. Akron
Field of Specialization: Education
- Carole Ann Lewis, A.B. (Asbury College) Parkersburg, W. Va.
Field of Specialization: Music
- Phillip Ronald Lindsey, B.A. (Anderson College, Indiana) Columbus
Field of Specialization: Education
- Gale Harold Long, B.A. (University of Utah) Oberlin, Kans.
Field of Specialization: Romance Languages (French)
- Richard LeRoy Lorenzen, B.A. (Long Beach State College) Lakewood, Calif.
Field of Specialization: Speech
- Robert Joseph Lowry, B.Sc. in Edu. Wadsworth
Field of Specialization: Music
- Patricia Ann Macklin, B.Sc. in Edu. Columbus
Field of Specialization: Education
- Francisco Matanzo, Jr., B.I.E. Delaware
Field of Specialization: Psychology
- Robert Lynn McMahan, B.Sc. in Edu. Marion
Field of Specialization: Physical Education
- Sue Hunt McNaghten, A.B. (Denison University) Columbus
Field of Specialization: Political Science
- Gerald Douglas McNamee, B.A. (Salem College, West Virginia) Cuyahoga Falls
Field of Specialization: Education
- Anne Elizabeth Mellers, A.B., A.M. (Temple University) . . Bala Cynwyd, Pa.
Field of Specialization: Psychology
- Joseph Miller, B.S. in Bus. Adm., B.S. in Edu. (Ashland College) . . Mansfield
Field of Specialization: Education
- Joanna Mae Moritz, B.S. in Ed. (Wittenberg University) Kettering
Field of Specialization: Physical Education
- Andrea Mote, A.B. (Smith College) Madison, Wis.
Field of Specialization: German
- John Walter Nelson, B.A. (Trinity College); B.D. (Yale University) Sheffield Lake
Field of Specialization: English
- Diane Strayer Niehaus, B.Sc. in Edu. Delphos
Field of Specialization: Education
- Andrew Albert Nimmo, A.B. (Wheaton College) Shaker Heights
Field of Specialization: English
- Richard Gary Orr, B.Sc. in Edu. Columbus
Field of Specialization: Education
- Frederick William Papay, B.A. Fairview Park
Field of Specialization: Journalism
- James Thomas Pence, B.M. (Ohio Wesleyan University) Richwood
Field of Specialization: Education

- Penelope Jo Peterson, B.Sc. in Edu.....Syracuse, N. Y.
Field of Specialization: Psychology
- Beverly Fleishman Pimsleur, B.A. (Chatham College, Pennsylvania)
Columbus
Field of Specialization: History
- Patrick Thomas Quinn, B.A. (Loyola University)Evanston, Ill.
Field of Specialization: Psychology
- Henry George Rennie, B.Sc. in Bus. Adm.....Columbus
Field of Specialization: Economics
- Robert Leroy Rogers, B.Sc. in Agr.....Clyde
Field of Specialization: Agricultural Education
- James Glenn Samuels, B.Sc. in Edu.....Eaton
Field of Specialization: Physical Education
- Dagmar SartoriusGottingen, Germany
Field of Specialization: German
- Stephen Patrick Scherer, B.A.....Columbus
Field of Specialization: History
- George Ebbert Seney, B.A.....Toledo
Field of Specialization: History
- Betty Jane Shackleford, B.S.Ed. (Ohio University)Struthers
Field of Specialization: Sociology
- Francis Charles Shaulis, Jr., B. Mus. (University of Rochester)
Barnesville, Pa.
Field of Specialization: Slavic Languages
- George Webster Shepherd, B.A. (Northwestern University) ..Darien Conn.
Field of Specialization: History
- Robert Everett Shimp, Jr., A.B. (Thiel College)Greenville, Pa.
Field of Specialization: History
- Edna Wilma Sikkema, A.B. (Calvin College)San Jose, Calif.
Field of Specialization: German
- Zoetta Rachel Sinden, B.S. (Muskingum College)Coshocton
Field of Specialization: Education
- Marylouise Lindemuth Smith, B.S. in Ed. (Bowling Green State
University)Columbus
Field of Specialization: Education
- Virginia Isabelle Smith, B.Sc. in Edu.....McDermott
Field of Specialization: Speech
- James Norman Somerville, B.Sc. in Edu.....Cadiz
Field of Specialization: Music
- Martha Evans Speers, B.Sc. in Edu.....Sandusky
Field of Specialization: Education
- John Griffith Steed, B.A.....Dayton
Field of Specialization: Political Science
- David Martin Steegar, A.B. (Miami University)Lincoln Park, N. J.
Field of Specialization: Romance Languages (French)
- Barry William Strejcek, B.A.....Maplewood, N. J.
Field of Specialization: Economics

- Frederick Dale Stuyvesant, B.A. (Thiel College).....Greenville, Pa.
Field of Specialization: Romance Languages (French)
- Ann Broughton Templin, B.S. (Wittenberg University).....Chillicothe
Field of Specialization: English
- Barbara Swanson Thomson, B.S. (Michigan State University) ..Columbus
Field of Specialization: Education
- Thomas Neil Trager, A.B. (University of Dayton)Cleveland
Field of Specialization: English
- Max Franklin Urick, B.A. (Ohio Wesleyan University).....Troy
Field of Specialization: Physical Education
- Kenneth William Valentine, B.A. (Mount Union College)Alliance
Field of Specialization: Education
- George Harold Wadge, B.Sc. in Edu.....Cleveland
Field of Specialization: Education
- William Emery Worth, B.A.....Cincinnati
Field of Specialization: Journalism
- Richard Edward Wyatt, B.A. (Western Michigan University)
Pleasant Ridge, Mich.
Field of Specialization: Romance Languages (French)
- Robert Judson Wynkoop, B.Sc. in Edu.....Canal Winchester
Field of Specialization: Education
- Helen Buza Zingarelli, B.S. in Ed. (Otterbein College)Columbus
Field of Specialization: Education
- (One hundred and twelve candidates)

Master of Business Administration

- Robert Burke Breitenbach, B.B.A. (University of Cincinnati) ..Cincinnati
Field of Specialization: Business Organization
- Maurice Randolph Buchsbaum, B.Sc. in Bus. Adm.....Columbus
Field of Specialization: Business Organization
- Thomas Glenn Flynn, B.S.C. (Ohio University)Lakewood
Field of Specialization: Business Organization
- John Robert Galloway, B.A. (University of Kansas)Springfield, Mo.
Field of Specialization: Business Organization
- Michael Shane Heschel, B.I.E.....Fremont
Field of Specialization: Business Organization
- Ampol Hotrakitya.....Bangkok, Thailand
Field of Specialization: Business Organization
- Charles Keith Humbert, B.Sc. in Edu.....Lima
Field of Specialization: Business Organization
- Donald Joseph Kohls, B.A.....Cincinnati
Field of Specialization: Business Organization
- Jules Melville Lipton, B.A. (University of Wisconsin); LL.B. (Fordham
University)Dayton
Field of Specialization: Business Organization
- Harold Arthur Mielke, B.B.A. (University of Minnesota).....Celina
Field of Specialization: Business Organization
- Harold Stanley Morgan, B.Sc. in Bus. Adm.....Obetz
Field of Specialization: Business Organization

- James Boyd Murchie, B.S. (Lehigh University)..... Poland
Field of Specialization: Business Organization
- Jack Benjimen Needles, B.Sc. in Edu..... Upper Sandusky
Field of Specialization: Business Organization
- John Francis Nichols, B.C.E..... Marion
Field of Specialization: Business Organization
- Gilbert Theodore Scott, B.S. (United States Military Academy);
 M.S. (University of Illinois)..... Columbus
Field of Specialization: Business Organization
- Homer Eugene Spence, B.Sc. in Bus. Adm..... Dover
Field of Specialization: Business Organization
- Paul Richard Wright, B.S. in Bus. (Miami University)..... Marion
Field of Specialization: Business Organization
 (Seventeen candidates)

Master of City Planning

- Priscilla Raz Steele, A.B. (Antioch College)..... Chillicothe
Field of Specialization: Architecture (City Planning)
 (One candidate)

Master of Education

- Faith Fravel Ekstrom, B.Sc. in Edu..... Columbus
Field of Specialization: Education
- Ihsan Mostafa Sharawi, B.Sc. and Ed. (Ain Shams University, Cairo)
 Cairo, Egypt
Field of Specialization: Education
- Sharon Gill West, B.S. Ed. (Ohio University)..... Columbus
Field of Specialization: Education
 (Three candidates)

Master of Fine Arts

- Robert Frazier Wilson, B.F.A., M.A..... Columbus
Field of Specialization: Fine Arts (Ceramics)
 (One candidate)

Master of Medical Science

- Charles Russell Leone, Jr., B.A. (University of Virginia);
 M.D. (Temple University)..... Columbus
Field of Specialization: Ophthalmology
- Charles Egbert Zepp, B.Sc., M.D..... Columbus
Field of Specialization: Ophthalmology
 (Two candidates)

Master of Science

- Edith Louise Ackerman, A.B. (Ashland College)..... Perrysville
Field of Specialization: Zoology
- Robert Wood Acton, B.Sc. in Agr..... Yellow Springs
Field of Specialization: Agricultural Economics and Rural Sociology
- Robert Aronovitz, B.A., D.D.S. (Temple University)..... Columbus
Field of Specialization: Dentistry

- LeRoy Wilson Bandy, B.S. (Morris Harvey College) . . . Charleston, W. Va.
Field of Specialization: Zoology and Entomology
- Larry Thomas Bashark, B.E.E. Kettering
Field of Specialization: Electrical Engineering
- James Garman Belleson, B.E.E. Sinking Spring
Field of Specialization: Electrical Engineering
- Thomas Albert Bennett, B.Sc. in Agr. Conneaut
Field of Specialization: Agricultural Economics and Rural Sociology
- Charles Theodore Bole II, D.D.S.; B.S. (Ohio University) Marietta
Field of Specialization: Dentistry
- Lawrence Carter Booth, B.S. (Allegheny College) Painesville
Field of Specialization: Mathematics
- Robert Jeffrey Borel, B.E.E. Columbus
Field of Specialization: Electrical Engineering
- Joe Thomas Boyd, B.S. (Pennsylvania State University) . . . Pittsburgh, Pa.
Field of Specialization: Electrical Engineering
- Thomas William Brunner, B.S. in Aero Engr. (University of Notre Dame)
Lima
Field of Specialization: Aeronautical and Astronautical Engineering
- Harold Thomas Buscher, B.S. (Case Institute of Technology) Euclid
Field of Specialization: Electrical Engineering
- Leland Arnold Carlson, B.A.A.E. Ashland
Field of Specialization: Aeronautical and Astronautical Engineering
- Rajendra Nath Chaturvedi, B.Sc. in Agr. (Agra University)
Nagpur, India
Field of Specialization: Agricultural Economics and Rural Sociology
- Mary Elizabeth Christner, B.Sc. in Nurs. Wellston
Field of Specialization: Nursing
- Stephen Thomas Cost, B.E.E. Alliance
Field of Specialization: Electrical Engineering
- Leslie Lee Cunningham, B.Sc. Dayton
Field of Specialization: Geodetic Science
- James Clarence Darner, B.Sc. Zanesville
Field of Specialization: Microbiology
- James Melvin Davidson, B.Ch.E. Bladensburg
Field of Specialization: Chemical Engineering
- Oliver Lawrence Davies, B.Ch.E. Wakeman
Field of Specialization: Chemical Engineering
- David Ray Davis, B.Sc. in Agr. Patriot
Field of Specialization: Dairy Science
- Thomas Wesley Doub, Jr., B.Ch.E. Kingsport, Tenn.
Field of Specialization: Chemical Engineering
- Gary Phillip Eiler, B.M.E. (University of Dayton) Hamilton
Field of Specialization: Mechanical Engineering
- Jerome Joseph English, Met.E. (University of Cincinnati) Cincinnati
Field of Specialization: Metallurgical Engineering

- Donald Ralph Feeley, B.S. (Bates College) ; M.D. (Albany Medical College)Olcott, N. Y.
Field of Specialization: Preventive Medicine
- Roger Maurice Folk, B.Sc. in Edu.....Junction City
Field of Specialization: Physiology
- Michael John Free, B.Sc. (hons.) (University of Nottingham)Buntingford, England
Field of Specialization: Dairy Science
- Harry Lewis Freeman, B.Sc. in Agr.....Urbana
Field of Specialization: Agricultural Education
- Lawrence Friedman, B.E.M.....Cleveland Heights
Field of Specialization: Welding Engineering
- Surji Shamji Gada, B.E. (Elect.) (Gujarat University) ; B.E. (Mech.) (Sardar Vallabhbhai Vidyapeeth)Bombay, India
Field of Specialization: Mechanical Engineering
- Kandukuri Sivananda Gandhi, B. Tech. (Andhra University)Vijayawada, A.P., India
Field of Specialization: Chemical Engineering
- Richard Redwine Gates, B.M.E.....New Richmond
Field of Specialization: Mechanical Engineering
- John Paul Gegner, B.Ch.E.....Barberton
Field of Specialization: Chemical Engineering
- Julia Yoder Gerber, B.S. (Goshen College)Columbus
Field of Specialization: Nursing
- Barbara Schumann Given, B.Sc. in Nurs.....Wapakoneta
Field of Specialization: Nursing
- Charles William Given, B.Sc. in Agr.....Urbana
Field of Specialization: Agricultural Economics (Rural Sociology)
- Gordon Harvey Griffith, B.E.P. (Alabama Polytechnic Institute)Birmingham, Ala.
Field of Specialization: Physics
- Charles Robert Griffiths, B.S. (Northwestern University) ..Foxboro, Mass.
Field of Specialization: Electrical Engineering
- Patricia Ann Hart, B.A. (College of Our Lady of the Elms)Springfield, Mass.
Field of Specialization: Mathematics
- Mary Dykstra Havlicek, A.B. (Hope College)Holland, Mich.
Field of Specialization: Chemistry
- Michael Hawes, B.E. (Mech. and Elect.) (National University of Ireland, Dublin)Dublin, Ireland
Field of Specialization: Electrical Engineering
- Rose Marie Hazucha, B.Sc. in Nurs.....Cleveland
Field of Specialization: Nursing
- Grant Ken Hicken, B.S. (Utah State University)Orem, Utah
Field of Specialization: Welding Engineering
- Edwin Arthur Holzinger, D.V.M. (Purdue University)Lafayette, Ind.
Field of Specialization: Veterinary Pathology

- Heinz Ludwig Horstmeier, B.E.S. (Brigham Young University)
Greendale, Wis.
Field of Specialization: Engineering Mechanics
- Margaret Ann Householder, B.Sc. in H.E. Delaware
Field of Specialization: Home Economics
- John Elton Howland, B.S. (Anderson College) Anderson, Ind.
Field of Specialization: Mathematics
- Mary Ferrise Howley, B.S. in H.E. (Seton Hill College) Columbus
Field of Specialization: Home Economics
- Benjamin Franklin Jacoby, B.S. (Case Institute of Technology) .. Wickliffe
Field of Specialization: Electrical Engineering
- Carolyn Shaffer Jamieson, B.Sc. in Nurs. Rockford
Field of Specialization: Nursing
- Anthony Gabriel Jennetti, B.S. (Pennsylvania State University)
Lebanon, Pa.
Field of Specialization: Electrical Engineering
- Shirley Dunn Jin, B.Sc. in Phys. Akron
Field of Specialization: Physics
- Adel Salim Kadi, B. Eng. (American University of Beirut)
Beirut, Lebanon
Field of Specialization: Civil Engineering
- Howard Soloman Kaplon, B.S. (State Teachers College, Towson, Maryland)
Baltimore, Md.
Field of Specialization: Mathematics
- William Junior Kerns, B.Ch.E. North Lewisburg
Field of Specialization: Chemical Engineering
- James Allen Kibler, E.E. (University of Cincinnati) Columbus
Field of Specialization: Electrical Engineering
- Charles William Kistler, B. Cer. E. Ottawa
Field of Specialization: Ceramic Engineering
- Leland Milo Kraft, Jr., B.C.E. Delaware
Field of Specialization: Civil Engineering
- Irvin Martin Kraus, A.B. (Miami University) Cincinnati
Field of Specialization: Microbiology
- Suzanne Moore Lea, B.A. (Rice University) Mt. Vernon
Field of Specialization: Physics
- Sister M. Frances Patrice Leahey, B.S.N. (Catholic University of
America) Columbus
Field of Specialization: Nursing
- William Ernest Lewis, B.S. (North Carolina State College, Raleigh)
Greenville, N. C.
Field of Specialization: Chemical Engineering
- Burn Jeng Lin, B.S. in Eng. (National Taiwan University)
Cholon, Vietnam
Field of Specialization: Electrical Engineering
- Frances Wilkins Lollar, B.S. (Medical College of Virginia) .. Reynoldsburg
Field of Specialization: Nursing

- Rosemary Ann Lowrey, B.S. (Mount Mary College, Wisconsin)
La Grange Park, Ill.
Field of Specialization: Chemistry
- Joan Marie Mac Enery, B.S. (Teachers College Columbia University)
Mt. Vernon, N. Y.
Field of Specialization: Nursing
- John Ibrahim Makhoul, B.E. (American University of Beirut)
Sidon, Lebanon
Field of Specialization: Electrical Engineering
- Thomas Andrew McClure, B.Sc. in Agr.....Wapakoneta
Field of Specialization: Agricultural Economics and Rural Sociology
- David Starr McVicker, B.Sc. in Agr.....Quaker City
Field of Specialization: Agricultural Education
- Brian Raymond Mercy, B.S. (Virginia Polytechnic Institute)
Falls Church, Va.
Field of Specialization: Electrical Engineering
- Sister M. Jane Chantal Method, B.S. (Seattle University) ..Seattle, Wash.
Field of Specialization: Nursing
- Dale E. Minnich, B.S. (Wilmington College)Wilmington
Field of Specialization: Agricultural Economics and Rural Sociology
- Marvin Eugene Monroe, B.E.E.....Nevada
Field of Specialization: Electrical Engineering
- *Douglas Jay Moore.....Oak Harbor
Field of Specialization: Industrial Engineering
- Robert Lee Moore, B.A.A.E.....Zanesville
Field of Specialization: Aeronautical and Astronautical Engineering
- Arthur Henry Morth, B.Ch.E. (Cornell University)Pittsburgh, Pa.
Field of Specialization: Chemical Engineering
- Gloria Jean Nunley, B.S. (University of Cincinnati)Chillicothe
Field of Specialization: Nursing
- Guenter Hans Odalinsky.....Warren, Mich.
Field of Specialization: Welding Engineering
- Gaylord Penrod Patten, B.S. (Brigham Young University) ..Elberta, Utah
Field of Specialization: Agronomy
- Edmund Frank Pawlowicz, B.E.E.....Toledo
Field of Specialization: Electrical Engineering
- Larry Richard Perkins, B.Ch.E.....North Canton
Field of Specialization: Chemical Engineering
- Robert Martin Perlman, A.B. (Washington University)
University City, Mo.
Field of Specialization: Geodetic Science
- Gary Martin Peshak, B.S. Met. E. (Purdue University) ..Lake Forest, Ill.
Field of Specialization: Welding Engineering
- Hilary John Silvanus Pinsent.....Reynoldsburg
Field of Specialization: Engineering Mechanics
- Fredrick Elmer Portner, B.C.E.....Cincinnati
Field of Specialization: Civil Engineering

* Two degrees

- William Gage Prescott, B.S. in C.E. (Rose Polytechnic Institute)
Indianapolis, Ind.
Field of Specialization: Geodetic Science
- Ennio Joseph Raimondi, B.S.M.E. (Illinois Institute of Technology) . Xenia
Field of Specialization: Aeronautical and Astronautical Engineering
- Thomas Jerry Reese, B.S. in Geology (New Mexico Institute of Mining
and Technology) Deming, N. Mex.
Field of Specialization: Geodetic Science
- Larry Lee Rhonemus, B.Sc. in Agr. Martinsville
Field of Specialization: Agricultural Education
- Norman Glenn Rodgers, B.Sc. in Agr. Delphi, Ind.
Field of Specialization: Agricultural Education
- Lynn Carroll Rogers, B.S. in M.E. (Purdue University) Marion, Ill.
Field of Specialization: Engineering Mechanics
- Gentil Rojas. Cali, Colombia
Field of Specialization: Agricultural Economics and Rural Sociology
- Kenneth Robert Russell, B.Sc. in Agr. Worthington
Field of Specialization: Zoology
- Kulli Siiner Scheetz, B.S. (Capital University) Struthers
Field of Specialization: Microbiology
- Richard Joseph Seidehamel, B.S. Pharm. (University of Toledo) . . Novelty
Field of Specialization: Pharmacy
- Sister Teresa Maureen Seipel, B.S. (Catherine Spalding College)
Louisville, Ky.
Field of Specialization: Nursing
- Barbara Stone Sewall, B.S. (Youngstown University) . . West Middlesex, Pa.
Field of Specialization: Chemistry
- Sandra Jean Simmons, B.Sc. in Nurs. Dayton
Field of Specialization: Nursing
- Alan Ivan Slonim, B.Sc. in Bus. Adm. Columbus
Field of Specialization: Electrical Engineering
- Kenneth Alan Smith. Davison, Mich.
Field of Specialization: Welding Engineering
- Thomas James Smith, B. Met. E. Cincinnati
Field of Specialization: Metallurgical Engineering
- Lawrence Bruce Snyder, B.E.E. Lewisburg
Field of Specialization: Electrical Engineering
- Thomas Lynn Sporleder, B.Sc. in Agr. Morenci, Mich.
Field of Specialization: Agricultural Economics and Rural Sociology
- Richard Benton Stahl, B.Sc. in Agr. Jewett
Field of Specialization: Agricultural Education
- Joseph Edward Stari, B.S. (Louisiana State University) Cleveland
Field of Specialization: Welding Engineering
- Russell George Stephens, D.D.S. (University of Toronto)
Halifax, Nova Scotia, Canada
Field of Specialization: Dentistry
- Larry Alan Stichweh, B.S.Ch.E. (Purdue University) Dayton
Field of Specialization: Chemical Engineering

- James Edward Stickel, B. of E.E. (Georgia Institute of Technology) Dayton
Field of Specialization: Electrical Engineering
- Judith Church Stickney, B.Sc. in Nurs.....North Baltimore
Field of Specialization: Nursing
- Gary Lee Street, B.S. (Michigan College of Mining and Technology) Muskegon, Mich.
Field of Specialization: Chemical Engineering
- Carl David Stuber, B.S. in M.E. (Massachusetts Institute of Technology) Fairborn
Field of Specialization: Metallurgical Engineering
- Duane Larry Stucky, B.M.E.....Bloomville
Field of Specialization: Mechanical Engineering
- Warren Lee Stutzman, B.S. (University of Illinois).....Palatine, Ill.
Field of Specialization: Electrical Engineering
- *Ted William Tucker.....Rochester, N. Y.
Field of Specialization: Mechanical Engineering
- Marilyn Joyce Tull, B.Sc. in Nurs.....Dayton
Field of Specialization: Nursing
- Juan Brugada Uy, B.S.C.E. (University of the Philippines); M.S. (Cornell University).....Quezon City, Philippines
Field of Specialization: Industrial Engineering
- Richard Munro Veazie, B.Ch.E.....Granville
Field of Specialization: Chemical Engineering
- Stanley Edward Wagner, B.S. (University of Cincinnati).....Dayton
Field of Specialization: Physics
- William Virgil Walter, Jr., B.Sc.....Columbus
Field of Specialization: Chemistry
- Erma Roethe Weber, B.S. in Edu. (Southern Illinois University) Westerville
Field of Specialization: Home Economics
- Eugene Neil Wheeler, B.Ch.E.....Vermilion
Field of Specialization: Chemical Engineering
- Robert Anthony John White, B.Sc. (University of Reading) Devon, England
Field of Specialization: Horticulture
- Lawrence Seth Wittenbrook, B.S. (Fenn College).....Marysville
Field of Specialization: Chemistry
- John William Wittwer, D.D.S.....Columbus
Field of Specialization: Dentistry
- Lauren Gene Wolfe, D.V.M.....Kenton
Field of Specialization: Veterinary Pathology
- *Jon Daniel Yonko.....Shadyside
Field of Specialization: Mechanical Engineering
- Donald George Young, B.Sc. in Agr.....Marietta
Field of Specialization: Agricultural Education
- Jonathan David Young, B.E.E.....Dayton
Field of Specialization: Electrical Engineering

* Two degrees

Peter Young, Jr., D.D.M. (University of the Philippines) Manila, Philippines

Field of Specialization: Dentistry

Larry Jay Zook, B. Cer. E.....Canton

Field of Specialization: Ceramic Engineering

(One hundred thirty-one candidates)

CANDIDATES FOR TWO DEGREES

- Helen Anne Dickerhof.....Canton
Bachelor of Science in Education
Bachelor of Music
- Barbara Hoffman.....Washington, D. C.
Bachelor of Arts
Bachelor of Science in Education
- Douglas Jay Moore.....Oak Harbor
Bachelor of Industrial Engineering (summa cum laude)
Master of Science
- Esther Savransky.....Erie, Pa.
Bachelor of Arts
Bachelor of Science in Education
- Robert Lee Smith.....Worthington
Bachelor of Science in Agriculture
Bachelor of Science in Education
- Sharon Jane Spahr.....Fairborn
Bachelor of Arts
Bachelor of Science in Education
- Ted William Tucker.....Rochester, N. Y.
Bachelor of Mechanical Engineering
Master of Science
- Jon Daniel Yonko.....Shadyside
Bachelor of Mechanical Engineering
Master of Science

(Eight candidates)

COLLEGE OF AGRICULTURE AND HOME ECONOMICS

Dean: ROY M. KOTTMAN

Bachelor of Science in Agriculture

John Edwin Ater.....	Williamsport
Raymond Eugene Barr, Jr.....	Bellville
Maynard Eugene Beery.....	Rittman
James Frederick Berg.....	Wapakoneta
Richard Pierman Biery.....	Mt. Cory
John Gilbert Bradbury.....	Oxford
Wesley James Broadhurst.....	Hudson
Edwin Swepson Brock, Jr.....	Virginia Beach, Va.
Lawrence Lamont Buren.....	Glenmont
David Lee Call.....	London
John Herman Clark.....	Mechanicstown
John Rust Collier, Jr.....	McMinnville, Tenn.
William Joseph Corbin.....	Troy
James Eugene Cummins.....	Pioneer
Daniel Thomas Dennis.....	Canton
Dwight Delano Dickey.....	Kensington
Pamela Brady Dobbins.....	Cedarville
Robert Henry Eckhoff.....	Milan
Ralph David Epstein.....	Cleveland
Joe Warren Fetter.....	Napoleon
H. Clifton Fischer.....	Ocala, Fla.
David Theodore George.....	Danville
Philip David Gillespie.....	Hamilton
Richard Clair Gray.....	Mt. Gilead
David Charles Green.....	Marysville
John Reinert Hagedorn.....	Cleveland
Karl John Hagedorn.....	Cleveland
Randall Bruce Heiligmann (summa cum laude).....	Columbus
Larry Elwood Heller.....	Galion
Ronald Ralph Hill.....	Worthington
Frederic Lee Hoff.....	Greenville
Harold Kenneth Johnson.....	Marshfield, Mass.
William Howard Jones.....	Newark
Gerald Thaddeus Kempf.....	Loveland
Kenneth Charles Kossow.....	Hamler
Edward Paul Lauby.....	Uniontown
James Robert Lowery.....	Milford Center
Paul William Lytle.....	Batavia
Emden Larry Milliron.....	Youngstown
David Charles Moellenkamp.....	Lancaster
James MacArthur Moretz.....	Clinton, Tenn.
Charles Edward Myers.....	Huron
John Beeker Neeb.....	Gibsonburg
Roger Wayne Overholt.....	Middle Point
James Alexander Parsch.....	Elyria
Clem Jay Pemberton.....	Eaton
Van Evin Powell.....	Grover Hill
Robert James Quaintance.....	Clyde
Alvin Daniel Reuwee.....	Tiffin
Robert Paul Rosko.....	Youngstown
Ronald William Schoch.....	Oak Harbor

Dennis Myers Shellabarger..... Dayton
 Emerson Ray Shimp..... Baltimore
 William Clyde Short..... Springfield
 Michael Joseph Shouvlin..... Springfield
 James Franklin Slattery..... Hicksville
 Joann King Smith..... Columbus
 *Robert Lee Smith..... Worthington
 Edwin Lee Snyder..... Bucyrus
 Edward Neil Sperry..... College Station, Tex.
 Neil Marvin Stevens..... Urbana
 Pairoj Suchinda, B.Sc. (Kasetsart University, Thailand)

Bangkok, Thailand

Thomas Joseph Vanderhorst..... St. Marys
 Gary Van Winkle..... Richwood
 Richard Lee Wagler..... Archbold
 Jack Terry Walter..... Paulding
 Thomas Eugene Wetli..... Antwerp
 James Lester White..... Middletown
 Norman Wayne Wilson..... Circleville
 Gilbert Leroy Zink..... Clarington

(Seventy candidates)

**Bachelor of Science
 in Dairy Technology**

David Charles Klamfoth..... Westerville

(One candidate)

**Bachelor of Science
 in Food Technology**

Frederick Thomas Brundrett..... Tipp City
 Allen Thomas Skillicorn..... Bedford

(Two candidates)

SCHOOL OF HOME ECONOMICS

**Bachelor of Science
 in Home Economics**

Judy Deyo Callender..... London
 Sally C. DuBane..... Naples, Fla.
 Nancy Melquist Geuss..... Youngstown
 Gloria Ann Glover..... Hinckley
 Carolyn Faye Good..... Medina
 Karen Hock Heyman..... Ostrander
 Marsha Clare Hinson..... Cincinnati
 Barbara Blevins Hodges..... Dayton, Tenn.
 Josette Frances Hovance (summa cum laude)..... Cleveland
 Doris Ann Hubble..... Westlake
 Patricia Ann James..... Columbus
 Annette Klammer Kandel..... Columbus
 Paula Jean Kleinoeder..... Castalia
 Karen Krieg..... Columbus
 Carole Jean Leiser..... Oak Harbor
 Elizabeth Anne Lewis..... Jackson

* Two degrees

Jo Anne Meyers.....Columbus
 Rebecca Kay Moser.....Tipp City
 Sandra June Nagel.....Cincinnati
 Mary Ellen Killingsworth Newman.....Columbus
 Marilyn Young Perkins.....Springfield
 Kaatje Ridge Redman.....Richwood
 Edith Elizabeth Rickett.....Wooster
 Linda Kay Ritter.....Columbus
 Patricia Lynn Robison.....Newark
 Pamela Ann Rothermel.....Columbus
 Lois Ann Salmick.....Richmond Heights
 Joy Ann Smith.....Marion
 Sani Gail Smith.....Rocky River
 Janet Isler Strine.....Prospect
 Polly Sue Taylor.....Columbus
 Ulker Turkmen.....Izmir, Turkey
 Cecelia Anne Vaughan.....Columbus
 Nancy Lynn Walter.....Warren
 Donna Heitchue Williams.....Columbus
 Myrna May Wise.....Grafton
 Maria Irene Zavakos.....Dayton

(Thirty-seven candidates)

COLLEGE OF ARTS AND SCIENCES

Dean: J. OSBORN FULLER

Bachelor of Arts

Marilyn McLaughlin Beery.....	Newark
Thomas James Betts.....	Deshler
Ernest Lee Brazil.....	Columbus
Barton Mervin Brier.....	Columbus
David Lee Bruey.....	Lisbon
Jeffrey Burke.....	Columbus
Alice Bernadette Clark.....	Columbus
Karen Ranney Clegg.....	Rocky River
Connie Elizabeth Connell.....	Columbus
Paul Wilson Archibald Courtneil, Jr.....	Chatham, Mass.
Mary Ann Butchko Davis.....	Lorain
Robert Hamilton Davis.....	Columbus
Alan Eugene Diamond.....	Cleveland
Elizabeth Lynn Diffendal (cum laude).....	Dayton
Julia Ann Donnelly.....	Fort Monroe, Va.
Richard John Dreiman.....	Columbus
Willie Raphael Eldad Dreyer.....	Columbus
David Andrew Dumm.....	Lima
Carole Ann Dyda.....	Pittsburgh, Pa.
Kathleen Ann Evans.....	Lyndhurst
Jochen Helmut Ewing.....	Springfield
Carole Lynn Federle.....	Cincinnati
Beulah Fay Fleming.....	Columbus
Miriam Jean Freeman.....	Baltimore, Md.
Timothy Brian Frost.....	Columbus
Kay Elaine Gearhart.....	Columbus
Richard Gilbert Gibb.....	Marion
Constance Kostas Giokaris.....	Columbus
Kenneth Roy Girouard.....	Columbus
Sandra Jeanne Giusti.....	Cuyahoga Falls
Linda Katherine Goebel.....	Rochester, N. Y.
Ronald Stanley Gravett.....	Cincinnati
Ruth Ann Harding.....	New Philadelphia
Robert James Henning.....	Fremont
*Barbara Hoffman.....	Washington, D. C.
Richard Clark Janusz.....	Blue Rock
Eileen Ann Jelus.....	Hamilton
Gerald Marvin Kaplan.....	Shaker Heights
Cornelius Armin Karalius.....	Cleveland Heights
James Gary Kinner.....	Bryan
Mark Kirkpatrick.....	Rocky River
Stephen Elliott Kramer III.....	Columbus
Barry Mark Krengel.....	New York, N. Y.
John Thomas Kromer.....	Bay Village
Antoinette Krupski.....	Cleveland
John Karl Lautenschleger.....	Elyria
William Kenneth Law.....	Hamilton
Neil David Leiner.....	University Heights
James Robert Lewis.....	Bellbrook
Marilyn Fletcher Longwell.....	Chillicothe
Gary William Marsh.....	Cuyahoga Falls
John Patrick Marshall, Jr.....	Pittsburgh, Pa.

* Two degrees

Mary Jean Slany McGreevy.....	Cleveland
Kenneth Darryl Meadows.....	Columbus
Jean Ann Mitchell.....	Lima
Franklin Calvin Mohler II.....	Columbus
James Ronald Morgan.....	Columbus
Joseph Michael Murphy.....	Columbus
Richard Don Norling, B.Sc.....	Columbus
Shirley Adams Palmer (cum laude).....	Worthington
Dougal Johnson Pendergast.....	Gahanna
Robert Charles Phillips.....	Stuebenville
Jacquelyn Small Porter.....	Cleveland
Harold Russell Preston.....	Cincinnati
Barbara Elizabeth Rall (cum laude).....	Columbus
Wayne Allan Reese.....	Bay Village
Thomas Andrew Ringman.....	Painesville
Barbara Smith Rion.....	Springfield
Jane Anne Roessler.....	Zanesville
Virginia Halstead Rogers.....	Columbus
Mark Irwin Rosen.....	Columbus
Leslie Charles Sackett.....	Tallmadge
*Esther Savransky.....	Erie, Pa.
Roxy Harris Schein.....	Valley Stream, N. Y.
Stephenie Kam Jean Seto.....	Honolulu, Hawaii
David Joseph Sgro.....	Cleveland
Joyce Helene Shur.....	Cleveland
John Douglass Snyder.....	Pittsburgh, Pa.
*Sharon Jane Spahr.....	Fairborn
Orest Steciak.....	Cleveland
John Stuart Steinhauer.....	Cuyahoga Falls
Wayne Curtis Thompson.....	Columbus, Ind.
Dorothy Lynn Torrey.....	Bowling Green
William Ward Welch.....	Cleveland
John Robert Windeler.....	Madison, N. J.
David William Witherspoon.....	Columbus
Ruthanne Will Worley.....	Cuyahoga Falls

(Eighty-seven candidates)

Bachelor of Science

Eleanor Bachofen Barnett.....	Columbus
James Wagg Barnhardt, Jr.....	Columbus
James Edward Bernier (cum laude).....	Dayton
Suzanne Catalano Camper.....	Woodville
David Allen Christman.....	Marion
Lee William Cook.....	Westerville
James Earl Cripe.....	Columbus
Roy Allen Cuthbert.....	Galena
David Paul Gruber.....	Cuyahoga Falls
Thomas Charles Himler.....	Cleveland
Richard Lee Johnston.....	Franklin
Pete Julius Karas.....	Ashland
Gena Maria Klopp.....	Findlay
Thomas Charles Koch.....	Bay Village
Richard Ellis Kouri.....	Akron
Douglas Stuart LeVasseur.....	Ringgold, Ga.
Thearthur Little.....	Cleveland

* Two degrees

Robert Andrew Maynard.....	Baltimore, Md.
Samuel Merritt McCandlish.....	Columbus
Charles Theodore Meyer.....	Bridgeport
Herbert Joy Mills.....	Lorain
David Chapin Mulby.....	South Euclid
John Thomas Neer.....	Bellville
Nanette Lynn Never (cum laude).....	Newark
James Wayne Nielson, Jr.....	Kettering
Kenneth Alan Pendleton.....	Ashtabula
Sumitr Pitiphat.....	Nongkai, Thailand
Susan Jane Porter.....	Yellow Springs
Gene Stacy Ralston.....	McConnelsville
Larry Lee Reed.....	Columbiana
Betty Alice Rosenman.....	Cleveland
Carol Ann Rusnik.....	Akron
Ann Elizabeth Scheuneman.....	Hamilton
Jerome Robert Schroer.....	Columbus
Richmond Bentley Shreve, Jr.....	Shaker Heights
George Frederick Shuttleworth.....	Columbus
Paul Richard Spofford.....	Bethel Park, Pa.
William Sunday Swisher.....	Springfield
David Jerome Watson.....	Pensacola, Fla.
Bob Leroy Weber.....	Columbus
Andrew Michael White.....	Lorain
Richard Paul Winslow (summa cum laude).....	Falls Church, Va.
Linda Mae Zesiger.....	Newark

(Forty-three candidates)

**Bachelor of Science
in Medical Technology**

Mary Susan Ibaugh.....	Columbus
Sharon Hamrick King.....	Columbus
Barbara Dunn Laedlein.....	Pittsburgh, Pa.
Sharon Kay McHugh.....	Columbus
Lynn Edwards Wenger.....	East Canton

(Five candidates)

**Bachelor of Science
in Physical Therapy**

Harley Eugene Flack.....	Zanesville
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(One candidate)

SCHOOL OF JOURNALISM

Bachelor of Arts

Jerry Lee Bailey.....	Canton
JoAnn Reeder Brubaker.....	Dayton
Carole Lee Edwards.....	Griffiss AFB, N. Y.
Susan Barnes Forman.....	Columbus
William Keene Gale.....	Berea
Pamela Sue Harman.....	Worthington

(Six candidates)

SCHOOL OF OPTOMETRY

**Bachelor of Science
in Optometry**

Ronald David Frame.....Belpre

(One candidate)

COLLEGE OF COMMERCE AND ADMINISTRATION

Dean: JAMES R. MCCOY

Bachelor of Science in Business Administration

Eric Donald Andreoli, B.Sc. in Agr.....	Wadsworth
Robert Louis Asebrook.....	Springfield
William Gary Baker.....	Worthington
Joyce Foutty Bane.....	Parma
Arnold Austin Becker, Jr.....	Columbus
Robert Michael Bilsing.....	Upper Sandusky
Wilhelm Bogner.....	Mansfield
Willard Bornstein.....	Columbus
Michael Timothy Brown.....	Columbus
Jerry Lee Burke.....	Worthington
Richard Charles Burkhart.....	Columbus
Michael Denis Burns.....	Defiance
William Douglas Chapman.....	Middleport, N. Y.
Phillip Eugene Cobb.....	Toledo
Daryl Wayne Corbett.....	Columbus
William Roe Cromley.....	Ashville
James Stephen Csizmadia.....	Wickliffe
Antoinette Nawalanic Daniels.....	Cleveland
Dana Welcome DeVos.....	Columbus
Douglas Jay Drenik.....	Wickliffe
Douglas Dee Dye.....	McConnellsville
Richard William Flynn.....	Dayton
Douglas Dean Fockler.....	Lima
Robert Lynn Gardner.....	Orrville
William John Gasser.....	Poland
Ronald Samson Glick.....	Portsmouth
David Douglas Greene.....	Ashtabula
Larry Allen Gress.....	Columbus
David Allen Hammond.....	Mt. Vernon
Richard Bryan Hartley.....	Toledo
Gary Donald Helf.....	Cleveland
Keith Francis Henley.....	Worthington
Nancy Ellen Howell.....	Newark
Thomas Richard Howell.....	Dayton
John Ebert Howells III.....	Mt. Vernon
John Braden Irons, Jr.....	Lakewood
Robert David Jacobs.....	Columbus
William Allen Johnson.....	Columbus
Michael Alban Jones.....	Columbus
Herbert Raymond Katz.....	Cleveland Heights
Marvin Bruce Klein.....	New York, N. Y.
John Riegler Landefeld.....	North Canton
Robert Eugene Lang.....	Cleveland
Walter John Lazar.....	Euclid
Lawrence Joseph Lester.....	Cleveland
Stephen Herbert Lipson.....	Columbus
Thomas Harold Logan.....	Columbiana
Richard Paul Luckerman.....	Cincinnati
Thomas Lee Mains.....	Findlay
Michael Eugene Manley.....	Eaton
Gary Lee Martin.....	Toronto

Terry Eugene Martin	Columbus
Louis Allen McDaniel, Jr.	Gahanna
Timothy John McGrath	Columbus
Michael Francis Miller	Findlay
Ronald Charles Miller	Columbus
John Michael Mills	Hebron
Margaret Lee Montgomery	Cuyahoga Falls
Harold Lee Morgan	Sandusky
Donald Leo Mundy	Salem
William Ira Munsey, Jr.	Portsmouth
Arthur Dean Neff	Cambridge
Jerry Frank Nichols	Mansfield
Richard Allen Parish	Findlay
Gary Manning Patton	Springfield
Sanford Miles Pollack	Cleveland
George Charles Rittel	Columbus
Craig Alan Robertson	Newark
Daniel Harvey Robins	Columbus
David Charles Rubeck	Newark
Robert James Ruck	St. Marys
Wallace Lee Rueckel	Columbus
John Chase Safford	Columbus
Gustav Arthur Seelbinder	Memphis, Tenn.
Benson Robert Shaman	Dayton
Richard John Stephan	Hamilton
Richard John Stillwagon	Columbus
Robert Wesley Suhr	Elyria
Betty Rae Suttle	Rocky River
Frederick Boswell Swan	Springfield
Daniel Joseph Sweeney	Columbus
Robert Paul Taylor	Marion
Warren Eldon Thurn	Ypsilanti, N. Dak.
William Joseph Tschantz	Cuyahoga Falls
John Roger Underwood	Lancaster
Thomas Edward Walker	Columbus
Lynn Martin Ward	Columbus
Juliana Wilson	Washington C.H.
Gary Kenton Witschy	Massillon
Philip Maddock Wood	Akron
William Gregory Wotschak	Columbus
Raymond Lee Yearsley	Richwood
Carl Alfred Zander	Parma
Daniel Ned Ziesler	Lancaster

(Ninety-four candidates)

SCHOOL OF SOCIAL WORK

Bachelor of Science in Social Welfare

Dorothy Cloe Denofre	Columbus
Judith Anne Kautz	Clearwater, Fla.
Jane Woodworth Kondracke	Columbus
Carolyn Lee McCarty	Columbus
Patricia Shelby Merriman (cum laude)	Columbus
Gloria Good Merryman (summa cum laude)	Columbus

Paul Stephen Potter.....Sidney
Rita Joyce Weaver.....Lorain

(Eight candidates)

COLLEGE OF DENTISTRY

Dean: JOHN R. WILSON

Doctor of Dental Surgery

Dean William Anderson, B.A., B.S., D.V.M. (Michigan State University)

Clio, Mich.

Steven Michael Goletz, B.A.....Barberton

(Two candidates)

COLLEGE OF EDUCATION

Dean: DONALD P. COTTRELL

Bachelor of Science in Education

Albert Edward Abrams.....	Columbus
Linda Lee Adams.....	Coshocton
Thomas H. Adams.....	Watertown, Mass.
Jack Kenneth Anderson.....	Stony Point, N. Y.
Mary Linskey Anderson.....	Columbus
Nancy Sue Argabright.....	Dayton
Brenda Lynn Armstrong.....	Washington C.H.
James Ralph Atkinson.....	Lima
Doris Loffer Baird.....	Edison
Gwyn Mary Baker.....	Columbus
Donald Oakey Bapst (cum laude).....	Columbus
Ronald Russell Barrow.....	Columbus
Fred Warren Baum.....	Dayton
Beth McPherson Bender.....	Mt. Vernon
Marjorie Jane Berg.....	Columbus
Susan Hawkins Bettinger.....	Glenmoore, Pa.
Ruth Niver Biller.....	Willard
Albert Vincent Black, Jr.....	Centerville
Natalie Ann Bogardy.....	Amherst
Linda Pfleger Bokerman.....	Ann Arbor, Mich.
Mary Joan Bolognone.....	Columbus
Richard LeRoy Brady.....	Prospect
Virginia Lynch Branson.....	Columbus
Patricia Ann Brogan.....	Columbus
Renee Annette Broglio.....	Euclid
Donna Marie Brown.....	Warren
David Medford Butler.....	Trotwood
William Paul Cameron.....	Columbus
Christina Gay Carlson.....	Cleveland
Larry Gene Cashel.....	Van Wert
Betty Maycock Chapman.....	Columbus
Ruth Ann Christman.....	Fly
Marjorie Calentine Clark.....	Hilliard
Diantha Chandler Clarkson.....	Dayton
Ronald Walter Clegg.....	Rocky River
Joseph Gary Coffman.....	Springfield
Barbara Ann Collister.....	Jefferson
Judith Carter Coon, B.A.....	Springfield
Patrick Bruce Cordisco.....	Parma
Lynn Courtright.....	Lancaster
Karen Edith Craig.....	Erie, Pa.
Linda Crone Crowthers.....	Miamisburg
Susan Lee Cunningham.....	Toledo
Gail Page Dale (summa cum laude).....	Columbus
Mary Jane DeArmond (cum laude).....	Rockford
Molly McLaughlin Debevoise.....	Newark
Anthony Delligatti, Jr.....	Youngstown
Donald Eugene Denny.....	New Lexington
Cassandra Lee DeRan.....	Fremont
Kay Louise Detwiler.....	Saint Paris
*Helen Anne Dickerhof.....	Canton

* Two degrees

Martha Louise Dillencourt.....	Dayton
Beverly Ann Dunn.....	Fostoria
Peter Armin Eberly.....	Bolivar
Marjorie Dee Elliott.....	Newark
Neal Franklynn Elliott.....	Monroeville, Ind.
John Elvin Evers.....	Cincinnati
Kenneth Earl Eye, B.S. (Fort Hays Kansas State College).....	Salina, Kans.
William Erwin Eyman.....	Lancaster
Jean Hautman Falco, B.A.....	Cincinnati
Patricia Anne Ferguson.....	Middletown
Elizabeth Johanna Feyh (summa cum laude).....	Columbus
Sandra Lee Finke.....	Columbus
Lois Mildred O'Dell Fisher.....	Worthington
James John Flanagan.....	Columbus
Frances Ann Cranon Fleming.....	Toledo
Mary Lynne Fravel.....	Reynoldsburg
Anne Leidy Frye.....	Newark
Marilyn Moffitt Garvin.....	West Mansfield
Dimitris Gerou.....	Piraeus, Greece
George Thomas Gibson.....	Columbus
John Llewelyn Gibson.....	Columbus
Tamara Lynn Gold.....	Akron
Saundra Lou Golding.....	New London
Betty Price Goldsmith.....	Alexandria
Peggy Ann Goosmann.....	Chagrin Falls
Iris Evelyn Graham.....	Columbus
Barbara Miller Greenberg.....	Mt. Vernon, N. Y.
Keith Wayne Gregory.....	Wilmington
Louella Eades Gripne.....	Akron
Reba Law Gross (cum laude).....	Dayton
Joan Tracy Hamilton.....	Mansfield
Patricia Merle Hampton.....	Columbus
Celeste Coddington Hansberger.....	Columbus
Robert Belden Harper.....	Delaware
Sharon Ann Harper.....	Columbus
Nancy Fleming Hawk.....	Lima
David Emmett Hayden.....	Newark
Donald Lewis Heinze.....	Dayton
Julie Maxwell Helenthal.....	Columbus
Carl Balthasar Heller.....	Columbus
Marjorie Kay Hicks.....	Columbus
Bruce Allen Hitchcock.....	New Middletown
*Barbara Hoffman.....	Washington, D. C.
Kathleen Karath Hoffman.....	Columbus
Donna Jean Holt.....	Hilliard
Ted Gibson Hople.....	Dayton
Jeanne Louise Houtz (cum laude).....	Lima
John Irvine Howarth.....	Columbus
Andrya Gene Huffman (cum laude).....	West Mansfield
Barbara Elizabeth Iden.....	Newark
Janice Aleene Irwin.....	Columbus
Stephanie Ann Jewett.....	Lakewood
Elizabeth Anne Johns.....	Dayton
Kent Lewis Jones, B.Sc.....	Columbus
Sheila Marie Joyce.....	Cleveland
Linda Parrett Juillerat.....	Bloomingsburg

* Two degrees

Erika Julianna Kadas.....Elyria
 Ellen Marie Kaiser.....Maumee
 Kay Rothgery Karvasale.....Grafton
 Lynn Ann Kelly.....Columbus
 Gordon LeRoy Kendall.....Dayton
 Parks Allan Kennedy.....Marion
 Sandra Cohen Klee.....Cleveland Heights
 Paula Lauricella Konicek.....Parma
 Lois Tuber Kulber.....Canton
 Nancy Elliot Latham.....Columbus
 Stephen Dorack Lauver.....Painesville
 Barbara Erlanger Lichtblau (summa cum laude).....Canton
 Kay Yocom Long.....Middletown
 Pat Annette Lynn.....Lima
 Sharon O'Reada Markey (summa cum laude).....Junction City
 Florence Brobeck Mayers.....Richwood
 Richard Eugene McCall.....Bucyrus
 Frank Moore McDonald, Jr.....Akron
 Susan Brown McIver.....Columbus
 Mary Middleton.....Euclid
 Craig Melvin Mielke.....Columbus
 Barbara Mears Miller.....Columbus
 Dorothy Jenot Mills.....Cleveland
 Robert Joseph Mizer (cum laude).....Bakersville
 Ross Joseph Monaco.....Steubenville
 William Earl Montgomery.....Shadyside
 Ruth Ann Moore.....Cambridge
 William Stoner Newcomb, Jr.....Columbus
 Larry Don Newhouse.....Grove City
 William Eric Gustav Nyberg.....Salem
 Jennifer Jane Oech.....Worthington
 Millicent Jane Orban.....Dayton
 Barbara Jon Osterman.....Columbus
 Vickie Joelean Overholser.....Kettering
 Linda Carol Pack.....Dayton
 Sandra Tong Parr.....Columbus
 Joan Lorenz Parsons.....Columbus
 David Boyd Payne, B.A.....Columbus
 John Eugene Perkins.....Dayton
 Rosalyn Honey Pincus.....Flushing, N. Y.
 Evelyn Ivora Pool.....Columbus
 Joyce Small Powers.....Kankakee, Ill.
 Mary Heilman Powers.....Columbus
 Patricia Jane Price.....Portland
 Jan Friedman Raflfo.....Danville, Ill.
 Mary Kay Rainey.....Columbus
 Barbara Anderson Rea.....Marion
 Marian Jackson Reda.....Columbus
 Carolyn Jane Reese.....Columbus
 Cynthia Sue Reichert.....Worthington
 Carmen Mavia Reid.....Columbus
 Jerome Scott Renner.....Cambridge
 Richard Lee Repasky.....Canton
 Gerald Roger Richards.....Carey
 Roberta Thoroman Richardson.....Dayton
 Bruce Lyon Riddle.....Mt. Gilead
 Linda Joyce Rimlinger.....Barberton

Nancy Shaw Ritchey.....	Newark
Linda Rae Robinson.....	Columbus
Robin Michael Robinson.....	Columbus
Jan Carl Roshong.....	Canton
William Clinton Ruoff.....	Columbus
Terence Lee Ryan.....	Columbus
Marilyn Jean Sanderson.....	Akron
*Esther Savransky.....	Erie, Pa.
Ralph Allen Scherler.....	Cleveland
Pauline Brown Schroeck (summa cum laude).....	Marion
Linda Schermer Schulman.....	University Heights
Nancy Ann Schwarts.....	Euclid
Mary Elizabeth Scott.....	Rome, Ga.
Sandra Sue Seaman.....	Newark
Sidney Wesley Sheets.....	Delaware
Eleanor Dixon Shipley.....	Urbana
Judith Arlene Silverstein.....	Cincinnati
Bernice Porter Slate.....	Columbus
Byron Gene Smith.....	Mt. Sterling
Martha Woodyard Smith.....	Carroll
*Robert Lee Smith.....	Worthington
*Sharon Jane Spahr.....	Fairborn
Mary Hopper Sparlin.....	Columbus
Sharon Anne Standard.....	Columbus
Paula Mikusa Stanton.....	Columbus
David Lee Stitsinger.....	Hamilton
John Philip Tankovich, B.Sc.....	Columbus
James Franklin Thomas.....	Lancaster
Alfred Joe Townsley.....	Cedarville
Sandra Werlich Vance.....	Columbus
David Alan Van Teslaar.....	Barberton
Arthur Terry Vogt.....	Sebring
Velma McKinley Walcutt.....	Amlin
Furnal Wallen.....	Cincinnati
Cheryl Louise Warne.....	Cambridge
Martha Ann Wells.....	Van Wert
Myra F. Werner.....	South Euclid
Carol Sonkin West.....	Cleveland Heights
Sharon Clark Wheeler.....	Lake Worth, Fla.
Beverly Jean Whitaker, B.A. (summa cum laude).....	Pittsburgh, Pa.
Ann White.....	Toledo
Constance Swinney Whitham.....	Agency, Ia.
Carolyn Louise Whittington.....	Galena
James Howard Wiblin.....	Granville
Sue Ellen Winegardner.....	Lafayette
Judith Johnson Zolman (cum laude).....	Columbus

(Two hundred and ten candidates)

Bachelor of Fine Arts

Marlene Elizabeth Blum.....	Columbus
Karen Ione Egeland.....	Amherst
Richard Allen Genheimer.....	Columbus
Martin Lewis Hunter.....	South Charleston
Chester Ray Starn.....	Orrville
Mary Lynn Stich.....	Delaware

* Two degrees

Sylvia Elaine Tobler.....Cincinnati
Marilyn Peters Ward.....Columbus
Glenda Susan Wise.....Birmingham, Ala.

(Nine candidates)

Bachelor of Music

*Helen Anne Dickerhof.....Canton
Gwendolyn Chester Shrader.....Newark

(Two candidates)

* Two degrees

COLLEGE OF ENGINEERING

Dean: HAROLD A. BOLZ

Bachelor of Aeronautical and Astronautical Engineering

Charles Robin Kilmer.....Clyde
(One candidate)

Bachelor of Agricultural Engineering

Robert James Walker.....Massillon
(One candidate)

Bachelor of Chemical Engineering

Frederick John Rerko.....Johnstown, Pa.
Michael Culbertson Royer.....Columbus
(Two candidates)

Bachelor of Civil Engineering

Larry Wayne Bruner.....Columbus
Alf Erik Dettloff.....Columbus
Clifford Austin Merritt.....Lorain
Richard Dennis Morrisey.....Lima
Roman Anthony Schwieterman.....Dayton
David Gordon Spahr.....Xenia
(Six candidates)

Bachelor of Electrical Engineering

Joseph Richard Avampato.....Norwalk
Robert Lee Campbell.....Worthington
Ralph David Ehrich.....Columbus
William Livingston Hale.....Columbus
Richard Norman Handler.....Cleveland Heights
Luis Earl Jordan.....Cleveland Heights
Richard Edmond Lehman.....Dayton
Larry Edwin Lint.....Canton
Thomas Richard Mongold.....Lynchburg
David Michael Shupe (cum laude).....Columbus
George Thomas Sites.....Columbus
Leonard Lo-Ho Tsai (cum laude).....Columbus
Niles Allen Walker.....New Philadelphia
Richard Armstrong Wartenberg.....Woodsfield
(Fourteen candidates)

Bachelor of Industrial Engineering

Kenneth Eugene Clark.....Columbus
William Michael Harral.....Circleville
Fred Edwin Leupp.....Columbus
*Douglas Jay Moore (summa cum laude).....Oak Harbor
Louis William Rayer.....Cleveland
(Five candidates)

* Two degrees

Bachelor of Mechanical Engineering

Peter Carl Clark.....Mt. Vernon
Rodney Howard Detty.....Piketon
David Wayne Doll.....Lucasville
William Terry Flickinger.....Marion
*Ted William Tucker.....Rochester, N. Y.
*Jon Daniel Yonko.....Shadyside

(Six candidates)

Bachelor of Engineering in Mining

Bruce Cardiff Wilson.....Circleville

(One candidate)

Bachelor of Science in Physics

Norman Patrick Barnes.....Brunswick
Edwin Todd Russell.....Utica
Philip A. Schlosser.....Columbus

(Three candidates)

SCHOOL OF ARCHITECTURE AND LANDSCAPE ARCHITECTURE

Bachelor of Landscape Architecture

Douglas Andrew Greig.....Hamilton
Michael Ray Whitham.....Agency, Ia.

(Two candidates)

* Two degrees

COLLEGE OF LAW

Dean: IVAN C. RUTLEDGE

Juris Doctor

Zel Canter, B.S. (Northwestern University)Portsmouth
Rex Denton Throckmorton, B.S. (Denison University)Columbus

(Two candidates)

Bachelor of Laws

Erick Randolph Alden, B.A.Columbus
Otto Beatty, Jr., B.A. (Howard University)Columbus
Conrad Dew Carnes, B.A.Columbus
John Paul Dotson, B.A.Mt. Vernon
Larry Albert Ford, B.A., B.Sc. in Edu.Cadiz
James Tandy Frantz, A.B. (Harvard College)Columbus
Frederick Edward Henning, B.A. (University of Toledo)Toledo
John Delbert Hobday, B.A. (Kent State University)Cuyahoga Falls
James Bertram Hochman, B.Sc. in Bus. Adm.Columbus
Bruce Andrew Hyslop, B.A. (Wheaton College)St. Clairsville
James William Jordan, A.B. (Western Reserve University)Eastlake
Kenneth Robert Long, B.A. (Ohio Wesleyan University)Delaware
George W. Moore III, B.S. in Bus. (Miami University)Cheyenne, Wyo.
Richard Walter Price, B.A. (Youngstown University)Youngstown
Anthony Richard Troia, B.S. in B.A. (Kent State University)Ravenna
James Albert Wilson, A.B. (Wittenberg University)Lebanon

(Sixteen candidates)

COLLEGE OF MEDICINE

Dean: RICHARD L. MELING

Bachelor of Science in Nursing

Angela Marie Boellner.....	Maumee
Barbara Irene Borer.....	Tiffin
Nancy Ellen Brandes.....	Elmore
Sophie Mae Bukovinsky.....	Struthers
Mary Patricia Carey.....	Fairview Park
Rebecca Byrne Cousins.....	Fort Jennings
Beverly Jean Linde.....	Harrisburg, Pa.
Susan Patricia Metcalf.....	St. Clairsville
Catherine Lee Morgan.....	Piqua
Susan Sutphin Soeder.....	Euclid
Arlene Thompson.....	Pittsburgh, Pa.
Bettie Keene White.....	Columbus
Sara Ann Young.....	Springfield

(Thirteen candidates)

Bachelor of Science in Occupational Therapy

Judith Conover Funaro.....	Columbus
Marylou Graham.....	Kalamazoo, Mich.
Inez Kay McDaniel.....	Worthington
Maureen Anne Roach.....	Columbus
Rita Lynn Yaxley (cum laude).....	East Cleveland

(Five candidates)

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

Columbus, Ohio, February 10, 1966

The Board of Trustees met at its regular monthly meeting on Thursday, February 10, 1966, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

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

* * *

Minutes of the last meeting were approved.

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February 10, 1966 meeting, Board of Trustees

PRESIDENT'S HOUSE - ACTION OF DECEMBER 9, 1965 RESCINDED

Mr. Alan Loop, Chairman of the Board of Trustees, presented the following statement:

On December 9, 1965, this Board of Trustees authorized the Vice President for Business and Finance to proceed with the construction of a President's House with the understanding that no tax funds would be used and that the total costs of the project would not exceed \$300,000.00.

Subsequent to the Board action, President Fawcett requested the Board of Trustees, through its Chairman, to reconsider and rescind the action taken on December 9, and he issued a public statement giving his reasons for this request. A copy of the President's statement was sent to each member of the Board. As Chairman of the Board, I am, therefore, placing before you the request of President Fawcett that the action taken on December 9 pertaining to the construction of a President's House be reconsidered and rescinded.

Upon motion of Mr. France, seconded by Mr. Ketterer, President Fawcett's request, as set forth in the above statement by Chairman Loop, was approved by a roll call vote with six persons voting affirmatively, one negatively, and one abstaining. Those voting "Yes" were Messrs. France, Ketterer, Davis, Allyn, Shocknessy, and Loop; Dr. Thomas voted "No"; and Mr. Bricker abstained.

Mr. James Shocknessy then made the following statement:

I would like to say that as a member of this Board of Trustees who voted against the December 9, 1965 resolution authorizing the construction of a President's House, I am of the opinion that the University may need a new house for the President and that such a new house ought to be constructed on a new site because of the congestion in the area of the present house and other factors which may affect the location of a new house. Accordingly, it would seem to me that it would be advisable to have a committee of this Board to consider this matter further, and I would recommend that the Chairman appoint such a committee. I do not want the action to rescind the December 9, 1965 resolution to be interpreted that this Board is, or I am, unalterably opposed to the construction of a suitable house for the President. It is for this reason I am proposing the appointment of a committee to consider the advisability of constructing a suitable and appropriate house for the President.

Dr. Thomas then asked Mr. Shocknessy whether or not such a house should be built at taxpayers' expense.

Mr. Shocknessy responded by indicating that if the contract which the University has with the President includes housing, then a house might well be constructed at taxpayers' expense, if necessary. Mr. Shocknessy added, "I am not inquiring at this time what disposition is to be made of the money given for this purpose; however, if the Board wishes to discuss it, I am perfectly willing to do so."

The Chairman, Mr. Loop, stated that the request for the appointment of a committee, as recommended by Mr. Shocknessy, would be taken under consideration.

o - o

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Revision of Don Scott Field Master Plan

The official master plan for Don Scott Field, as previously approved by the Board of Trustees, requires further modification to conform to new regulations of the Federal Aviation Agency. Among these changes, most of which are not of substantive nature, is the establishment of a 200-foot building set-back line south of the main east-west taxiway. This is necessary to conform to Federal Aviation Agency regulations governing fields with runways over 4,200 feet in length.

It is recommended therefore that the six accompanying maps identified as "Master Plan for Don Scott Field," as revised in accordance with the requirements of the Federal Aviation Agency and dated as revised February 10, 1966, be approved.

Upon motion of Mr. Davis, seconded by Mr. Bricker, the above recommendation was approved by unanimous roll call vote, and the Secretary was instructed to file the revised "Master Plan for Don Scott Field" with the official records of the Board of Trustees.

B. Naming of First Academic Building on the Lima Branch Campus

The Advisory Committee of the Lima Branch of The Ohio State University has unanimously proposed that the first building on the new Lima Branch Campus be designated "John Galvin Hall." This proposal is made in recognition of the leadership and financial support Mr. John Galvin has given to the development of the Lima Branch.

It is therefore recommended with the concurrence of the President's Cabinet that an exception be made to the standing policy that buildings and structures shall not be named for living persons and that the above proposal of the Advisory Committee of the Lima Branch be approved.

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

C. Wright State Campus - Development of Student Activities and Limited Residence Hall Facilities

The Wright State Campus Advisory Board, with Mr. Robert Oelman as chairman, at a meeting on January 20, 1966, by formal resolution identified the need for additional student activities facilities and residence hall space on the site of the Wright State Campus.

February 10, 1966 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Wright State Campus - Development of Student Activities and Limited Residence Hall Facilities

In response to the above expressed need, it is recommended that the Board of Trustees of The Ohio State University authorize the President, and such other administrative officials of the University as may be designated by him to explore the manner in which additional student activities facilities and limited residence hall facilities at the Wright State Campus can be funded and to assist when appropriate in the development of such facilities.

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

D. Amendment to Article I, Section 1, of the Bylaws of the Board of Trustees of The Ohio State University

The supply of the publication which includes the Bylaws of the Board of Trustees and the Rules for the University Faculty is depleted. It is recommended therefore that the Secretary be authorized to have the publication reprinted incorporating the following: (a) amendment in Article I, Section 1, of the Bylaws of the Board of Trustees to conform with the current meeting date, which is the second Thursday of each month rather than the second Friday of each month; and (b) all other revisions which have been duly authorized by the Board of Trustees since the last printing of the document.

Upon motion of Mr. France, seconded by Mr. Davis, the Board of Trustees approved the above amendment to Article I, Section 1, of the Bylaws of the Board of Trustees by a unanimous roll call vote.

E. Authorization for the Filing of Applications for Grant Funds Under Title I of the Higher Education Facilities Act of 1963

It is recommended that the following resolution be adopted by the Board of Trustees in order that The Ohio State University may comply with the instructions from the U. S. Office of Education for the filing of applications for grant funds under Title I of the Higher Education Facilities Act of 1963:

WHEREAS, the U. S. Commissioner of Education is authorized under the Higher Education Facilities Act of 1963 to grant funds for the construction, rehabilitation, and improvement of certain academic and related facilities; and

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

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

February 10, 1966 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

E. Authorization for the Filing of Applications for Grant Funds Under Title I of the Higher Education Facilities Act of 1963 (continued)

Systems Engineering Building - Center for Tomorrow -
Electronics Laboratory - General College - Biological
Sciences Building - Humanities, Speech Theatre - Humanities,
Language Building - Dayton Campus, Science Building -
Branch Campus Buildings at Lima, Marion, and Newark

NOW, THEREFORE, BE IT

RESOLVED, that applications for the projects described above are authorized and directed to be filed with the Ohio Board of Regents, with the understanding that if upon due consideration by said Board, applying the criteria of the State plan, certain or all of said applications receive a priority rating sufficiently high to receive grant funds under the aforementioned act, they will be forwarded to the U. S. Commissioner of Education for consideration for his approval and be it further

RESOLVED, that the governing body of the applicant designated Novice G. Fawcett, President of The Ohio State University, as the person authorized to file applications and act as the representative of the applicant in connection with said applications.

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

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II. PERSONNEL CHANGES

Before making the recommendations for the appointment of personnel, President Fawcett made the following statement:

I should like to comment on two significant promotions which have come to key University officers since the last meeting. Dr. John C. Weaver, Vice President for Academic Affairs and Dean of Faculties, will assume a new post as President of the University of Missouri on August 1, 1966. We are sorry that he could not be here this morning, but he had a commitment that could not be broken. This is his second year at The Ohio State University; and as you know, he has given excellent direction to the academic affairs of the University and has been instrumental in initiating three or four basic policy changes. One of these changes is the development of a proposal for a new College of Biological Sciences which was approved by the Faculty Council at its meeting last Tuesday. It is my intention to bring this recommendation to create the new College to you at the March meeting. We regret very much to

February 10, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

see Dr. Weaver leave us before he has had time to complete the important projects which he has so ably gotten under way; however, we do wish him well in his new and challenging role in educational administration.

Dr. Edward Q. Moulton has been appointed to the Presidency of the University of South Dakota, and I extended him a special invitation to attend the meeting this morning. Dr. Moulton is Associate Dean of Faculties and Dean of Off-Campus Education and will leave this post to take up his new duties on July 1, 1966. Before becoming Associate Dean in the Office of Academic Affairs, Dr. Moulton served this University with distinction as Associate Dean of the Graduate School, Associate Dean of the College of Arts and Sciences, and as a member of the faculty in the College of Engineering. We are sorry indeed to see him leave us, but we are happy for him and support him in this promotion and advancement. I wish to officially congratulate both of these gentlemen and to indicate that we are working diligently to find replacements for them.

Dr. Thomas with the unanimous and enthusiastic concurrence of the entire Board extended felicitations and good wishes to Dr. Weaver and Dr. Moulton in their new assignments.

Mr. Allyn on behalf of the people of the Dayton community extended high commendation and appreciation to Dr. Moulton for the outstanding service he has rendered in the development of the Wright State Campus.

President Fawcett followed with the recommendation that all personnel changes since the December 9, 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 Change in Administrative Responsibility, Appointments, Leaves of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Titles:

A. Change in Administrative Responsibility

Ted R. Robinson from Associate Director of Admissions to Director of Admissions, effective February 1, 1966, at a salary of \$12,768.00 per annum.

B. Appointments

Karl Brunner appointed to the Everett D. Reese Professorship of Economics and Banking, Departments of Economics and Business Organization, effective October 1, 1966, at a salary of \$25,068.00 per annum.

February 10, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Appointments (continued)

Charles L. Babcock, Professor and Chairman, Department of Classical Languages, effective October 1, 1966, at a salary of \$17,368.00 per annum.

C. Leaves of Absence With Salary

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

Rodney D. Haines, Instructor (County Extension Agent, 4-H) Lawrence County, effective January 1, 1966 through March 15, 1966, to participate in a program of professional improvement at The Ohio State University.

William L. Melvin, Instructor (County Extension Agent, 4-H) Hocking County, effective January 1, 1966 through March 15, 1966, to participate in a program of professional improvement at The Ohio State University.

David R. Miskell, Instructor (County Extension Agent, Agriculture), effective January 1, 1966 through March 15, 1966, to participate in a program of professional improvement at The Ohio State University.

D. Leaves of Absence Without Salary

Henry J. Barre, Professor, Agricultural Engineering, effective January 1, 1966 through March 31, 1966, to serve on the Ford Foundation contract at Ludhiana, Punjab, India.

Anthimos J. Christoforidis, Professor, Radiology, extended from January 1, 1966 through January 31, 1966. (Original leave granted November 1, 1965 through December 31, 1965.)

Carl E. Nielsen, Professor, Physics, effective April 1, 1966 through June 30, 1966, to engage in research at the Culham Laboratory UKAEA, Abingdon, Berks, United Kingdom.

Joan M. Webber, Associate Professor, English, effective January 1, 1966 through September 30, 1966, to accept a Guggenheim Fellowship.

Lena M. Bailey, Instructor, School of Home Economics, effective January 1, 1966 through June 30, 1966, to participate in a program of professional improvement.

February 10, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

Hugh A. Durbin, Instructor of Library Administration, Library, effective January 1, 1966 through May 31, 1966, to participate in a program of professional improvement.

Donald K. Myers, Instructor (County Extension Agent, Agriculture), Cooperative Extension Service, effective February 1, 1966 through March 15, 1966, to participate in a program of professional improvement at Michigan State University.

E. Emeritus Titles

Clarence D. Brown, Cooperative Extension Service, with the title Instructor Emeritus (County Extension Agent, Agriculture), effective January 1, 1966.

Cecil A. Lamb, Agronomy, with the title Professor Emeritus, effective February 1, 1966.

Upon motion of Mr. Davis, seconded by Dr. Thomas, the Change in Administrative Responsibility, Appointments, Leaves of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll" 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, National Institutes of Health, Bethesda, Maryland, Mosquito Studies (to be known as National Institutes of Health Project No. 702 - Ext. #9 - Department of Zoology and Entomology).
Gross Value - \$24,404.00.
- b. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Studies in Primate Learning and Perception (to be known as National Institutes of Health Project No. 887 - Ext. #7 - Department of Psychology).
Gross Value - \$23,682.00.

February 10, 1966 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- c. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Hemopoiesis: A Histochemical and Cytological Study (to be known as National Institutes of Health Project No. 893 - Ext. #7 - Department of Anatomy).
Gross Value - \$33,192.00.
- d. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Phospholipide Metabolism in Relation to Cell Division (to be known as National Institutes of Health Project No. 911 - Ext. #7 - Institute of Nutrition and Food Technology).
Gross Value - \$18,180.00.
- e. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Southwest Cooperative Chemotherapy Group (to be known as National Institutes of Health Project No. 1094 - Ext. #6 - Department of Medicine).
Gross Value - \$26,875.00.
- f. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Hormonal Regulations of Cellular Processes (to be known as National Institutes of Health Project No. 1172 - Ext. #5 - Department of Agricultural Biochemistry).
Gross Value - \$22,200.00.
- g. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Ethanolamine Metabolism in Animals and Plants (to be known as National Institutes of Health Project No. 1217 - Ext. #5 - Department of Physiological Chemistry).
Gross Value - \$15,856.00.
- h. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Ventricular Ejection Studied by Simplified Techniques (to be known as National Institutes of Health Project No. 1337 - Ext. #5 - Department of Medicine).
Gross Value - \$12,672.00.
- i. Atomic Energy Commission, Chicago Operations Office, 9800 South Cass Avenue, Argonne, Illinois, Kinetics of Ionizing-Radiation Induced Reactions in Organic Compounds (to be known as Atomic Energy Commission Project No. 1398 - Mod. #4 - Department of Chemistry).
Gross Value - \$35,000.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- j. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Investigation of Lipoproteins and Cellular Organization (to be known as National Institutes of Health Project No. 1404 - Ext. #4 - Department of Physiological Chemistry).
Gross Value - \$17,899.00.
- k. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Mechanism of Biosynthesis of Heteropolysaccharides (to be known as National Institutes of Health Project No. 1541 - Sup. #1 - Department of Agricultural Biochemistry).
Gross Value - \$7,320.00.
- l. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Genetic Analysis of Foulbrood Resistance (to be known as National Institutes of Health Project No. 1572 - Ext. #3 - Department of Zoology and Entomology).
Gross Value - \$19,200.00.
- m. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Germ-Free and Gnotobiotic Ruminant Nutrition Studies (to be known as National Institutes of Health Project No. 1586 - Ext. #3 - Institute of Nutrition and Food Technology).
Gross Value - \$20,222.00.
- n. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Neuroendocrine Integration in a Simple Organism (to be known as National Institutes of Health Project No. 1622 - Ext. #2 - Department of Psychiatry).
Gross Value - \$10,387.00.
- o. Department of Army, Office of Civil Defense, Washington, D. C., Studies of Organizational Functioning in Disaster (to be known as Office of Civil Defense Project No. 1709 - Mod. #3 - Department of Sociology and Anthropology).
Gross Value - \$175,000.00.
- p. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Investigation of Salt and Water in Connective Tissue Swelling (to be known as National Institutes of Health Project No. 1715 - Ext. #3 - Department of Physiology).
Gross Value - \$8,224.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- q. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Investigation of Chondroitin Sulfate in Cervical Tissue (to be known as National Institutes of Health Project No. 1756 - Sup. #1 - Department of Obstetrics and Gynecology).
Gross Value - \$2,471.00.
- r. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C., A Study of the Biological Storage System (to be known as Bureau of State Services Project No. 1763 - Ext. #2 - Department of Mathematics).
Gross Value - \$16,746.00.
- s. National Science Foundation, Washington, D. C., Glaciology and Meteorology of Anvers Island (to be known as National Science Foundation Project No. 1885 - Amend. #1 - Institute of Polar Studies).
Gross Value - \$57,900.00.
- t. National Aeronautics and Space Administration, Washington, D. C., Radar and Microwave Radiometric Techniques for Geoscience Experiments (to be known as National Aeronautics and Space Administration Project No. 1903 - Amend. #2 - Departments of Electrical Engineering and Geology).
Gross Value - \$180,382.00.
- u. 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, Oulem Melanopa (L). Order, Coleoptera, Family, Chrysomelaidae (to be known as U. S. Atomic Energy Commission Project No. 1928 - Mod. #1 - Department of Zoology and Entomology).
Gross Value - \$2,377.00.
- v. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Transmission of Intense Laser Radiation (to be known as Systems Engineering Group, Research and Technology Division Project No. 1935 - Sup. #2 - Department of Electrical Engineering).
Gross Value - \$149,938.00.
- w. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research and Development of Aerospace Environmental Physiological Stresses (to be known as Systems Engineering Group, Research and Technology Division Project No. 1940 - Mod. #1 - Department of Medicine).
Gross Value - \$7,500.00.

February 10, 1966 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- x. Air Force Office of Scientific Research, United States Air Force, Washington, D. C., Simulation Studies of Organizational Behavior Under Stress (to be known as Air Force Office of Scientific Research Project No. 1946 - Ext. #1 - Department of Sociology and Anthropology).
Gross Value - \$36,787.00.
- y. Atomic Energy Commission, Chicago Operations Office, 9800 South Cass Avenue, Argonne, Illinois, An Investigation of Mixed Conduction in Solid Electrolytes (to be known as Atomic Energy Commission Project No. 1958 - Mod. #1 - Department of Metallurgical Engineering).
Gross Value - \$24,337.00.
- z. Rome Air Development Center, Griffiss Air Force Base, New York, High Gain Antenna Techniques (to be known as Rome Air Development Center Project No. 1963 - Mod. #1 - Department of Electrical Engineering).
Gross Value - \$249,992.00.
- aa. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Investigation of Subcellular Particles of Reticulocytes (to be known as National Institutes of Health Project No. 1964 - Ext. #1 - Department of Physiology).
Gross Value - \$12,242.00.
- bb. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., An Industrial Arts Curriculum Project for the Junior High School (to be known as Office of Education Project No. 2032 - New - School of Education).
Gross Value - \$32,420.00.
- cc. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Effect of Hyperoxia on Normal and Neoplastic Cells (to be known as National Institutes of Health Project No. 2094 - Ext. #1 - Department of Medicine).
Gross Value - \$21,649.00.
- dd. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Development of Composition Programs Based on Generative Grammar and Psycholinguistic Theory for Grades 7 - 9 (to be known as Office of Education Project No. 2133 - New - School of Education).
Gross Value - \$261,756.00.

III. GENERAL CONTRACTS AND AGREEMENTS (Continued)

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

1. Government Contracts - Federal (continued)

- ee. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Investigation of Factors Influencing the Training of Educational Researchers (to be known as Office of Education Project No. 2134 - New - School of Education).
Gross Value - \$79,133.00.
- ff. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Study of Roles for Researchers in Education (to be known as Office of Education Project No. 2135 - New - School of Education).
Gross Value - \$85,611.00.
- gg. Air Force Office of Scientific Research, Washington, D. C., Transport Phenomena in Metals at Low Temperatures (to be known as Air Force Office of Scientific Research Project No. 2137 - New - Department of Physics).
Gross Value - \$86,782.00.
- hh. National Science Foundation, Washington, D. C., Purchase of a High Resolution Mass Spectrometer (to be known as National Science Foundation Project No. 2141 - New - Department of Chemistry).
Gross Value - \$115,000.00.
- ii. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Techniques for Integrating Solid-State Circuitry into Antennas (to be known as Systems Engineering Group, Research and Technology Division Project No. 2142 - New - Department of Electrical Engineering).
Gross Value - \$70,000.00.
- jj. National Aeronautics and Space Administration, Washington, D. C., Theoretical and Experimental Studies of Antennas for Reflectometer Application (to be known as National Aeronautics and Space Administration Project No. 2143 - New - Department of Electrical Engineering).
Gross Value - \$40,000.00.
- kk. National Science Foundation, Washington, D. C., Time Domain Interpretations of Scattering Phenomena (to be known as National Science Foundation Project No. 2144 - New - Department of Electrical Engineering).
Gross Value - \$33,600.00.

February 10, 1966 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- ll. National Science Foundation, Washington, D. C., Schiff Bases: Their Metal Complexes and Role in Non-Enzymatic Trans-amination (to be known as National Science Foundation Project No. 2145 - New - Department of Chemistry).
Gross Value - \$66,800.00.
- mm. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Investigation of a Low Profile Flush Mounted Antenna (to be known as Systems Engineering Group, Research and Technology Division Project No. 2147 - New - Department of Electrical Engineering).
Gross Value - \$34,724.00.
- nn. Classified Program (to be known as Classified Program Project No. 2148 - New - Department of Electrical Engineering).
Gross Value - \$119,993.00.
- oo. National Science Foundation, Washington, D. C., Chronology of Glacier Variations, Southern Patagonia (to be known as National Science Foundation Project No. 2149 - New - Institute of Polar Studies).
Gross Value - \$18,800.00.
- pp. National Science Foundation, Washington, D. C., Investigation of Metal Carbonyls (to be known as National Science Foundation Project No. 2150 - New - Department of Chemistry).
Gross Value - \$31,000.00.
- qq. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, (U) Re-entry Plasma EM Noise Investigations (to be known as Systems Engineering Group, Research and Technology Division Project No. 2151 - New - Department of Electrical Engineering).
Gross Value - \$89,953.00.
- rr. National Science Foundation, Washington, D. C., New Synthetic Reactions by the 3, 2, 1-Bicyclic Mechanism (to be known as National Science Foundation Project No. 2152 - New - Department of Chemistry).
Gross Value - \$43,000.00.
- ss. Air Force Office of Scientific Research, Washington, D. C., Formation of Moving and Stationary Detonation Waves in Flowing Combustible Mixtures (to be known as Air Force Office of Scientific Research Project No. 2153 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$51,982.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

i. Government Contracts - Federal (continued)

tt. National Science Foundation, Washington, D. C., Electron Paramagnetic Resonance at Low and High Magnetic Fields (to be known as National Science Foundation Project No. 2154 - New - Department of Chemistry).

Gross Value - \$25,900.00.

uu. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, (U) Study of Spatial Laser Beam Modulation and Filtering to Counteract Undesired Propagation Effects (to be known as Systems Engineering Group, Research and Technology Division Project No. 2156 - New - Department of Electrical Engineering).

Gross Value - \$49,960.00.

vv. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Basic Research on the Separation of the Rare Earths, Scandium and Yttrium, by Solvent Extraction (to be known as Systems Engineering Group, Research and Technology Division Project No. 2157 - New - Department of Chemistry).

Gross Value - \$27,000.00.

ww. National Science Foundation, Washington, D. C., Coenzyme Binding and Kinetics of Enzyme Mechanisms (to be known as National Science Foundation Project No. 2160 - New - Department of Agricultural Biochemistry).

Gross Value - \$36,000.00.

TOTAL - Government Contracts - Federal \$2,682,148.00

2. Industrial and Other Contract

a. The Deafness Research Foundation, 366 Madison Avenue, New York, New York, Human Temporal Bone Pathology (to be known as The Deafness Research Foundation Project No. 1953 - Ext. #1 - Department of Otolaryngology).

Gross Value - \$6,375.00.

The foregoing fifty contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$2,689,023.00.

Upon motion of Dr. Thomas, 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.

February 10, 1966 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

During the period from November 24, 1965 through January 28, 1966, 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 276 | An Investigation of Highway Automation, Ohio Department of Highways, Columbus, Ohio, Bureau of Public Roads, Washington, D. C.
Gross Value - \$441,396.00. |
| EES 277 | Specification for Partially Automated Control Systems for the Driver, Ohio Department of Highways, Columbus, Ohio, Bureau of Public Roads, Washington, D. C.
Gross Value - \$212,720.00. |
| EES 278 | Investigation of Traffic Dynamics by Aerial Photogrammetry Techniques, Ohio Department of Highways, Columbus, Ohio, Bureau of Public Roads, Washington, D. C.
Gross Value - \$189,600.00. |
| SC 53 | Building Code Administration Short Course, Ohio State Board of Building Standards, Department of Industrial Relations, Columbus, Ohio.
Gross Value - \$1,350.00. |

The foregoing four contracts for research in the Engineering Experiment Station represent a gross income of \$845,066.00.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University are among those received since December 9, 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. \$6,013,546.00 granted by the Department of Health, Education, and Welfare, Public Health Service, Division of Hospital and Medical Facilities, Silver Spring, Maryland 20910, to the University to assist in the construction of a new basic science building for the College of Medicine. (Grant 1-J02-HM-00136-01)

February 10, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

2. \$1,165,574.00 granted by the Department of Health, Education, and Welfare, Public Health Service, Bureau of State Services, Washington, D. C. 20201, to the University for a construction grant for the School of Nursing. (Grant 1J05-HMNU-00130)
3. \$609,750.00 granted by the Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for construction of a general undergraduate instructional facility at the Mansfield Branch, Mansfield, Ohio. (Project No. Ohio 3-1230)
4. \$192,663.00 granted by the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, 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, 1966 through December 31, 1966. (Grant 5 S01 FR-5409-05)
5. \$176,222.00 granted by the National Science Foundation to the University for support of thirty-four graduate traineeships distributed as follows: one in Dairy Science, one in Physiological Chemistry, one in Agricultural Biochemistry, one in Physiology, one in Aeronautical Engineering, one in Agricultural Engineering, one in Chemical Engineering, one in Civil Engineering, four in Electrical Engineering, one in Mechanical Engineering, two in Metallurgical Engineering, two in Mathematics, one in Astronomy, one in Geodetic Science, one in Mineralogy, three in Physics, two in Psychology, one in Economics, one in Geography, two in Political Science, one in Sociology and Anthropology, and four which may be assigned in any of the fields supported in this program. This grant is under the direction of Dr. George R. St. Pierre, Associate Dean of the Graduate School, and terminates on September 30, 1967. (GZ-151)
6. \$121,579.00 granted by the Department of Health, Education, and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University for support of the College Work-Study Program under authority of Title I, Part C, of the Economic Act of 1964, for the spring term of 1966. (OE-38-45-0430)
7. \$77,386.00 granted by the National Science Foundation to the University for a second-year continuation of the award made to the University last year for graduate traineeships. This grant is under the direction of Dr. George R. St. Pierre, Associate Dean of the Graduate School, and terminates on September 30, 1967. (GE-7956 - Amendment No. 1)
8. \$46,700.00 granted by the National Science Foundation to the University for a third-year continuation of the award made to the University in March 1964 for graduate traineeships. This grant is under the direction of Dr. George R. St. Pierre, Associate Dean of the Graduate School, and terminates on September 30, 1967. (GE-4790 - Amendment No. 2)

February 10, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

9. \$40,031.00 granted by the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, 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, 1966 through December 31, 1966. (Grant 5 S01 FR-5463-04)
10. \$30,410.00 granted by the National Science Foundation to the University for support of a "Secondary Science Training Program," under the direction of Professor Arnold E. Ross, Department of Mathematics. This grant terminates on November 1, 1966. (GW-666)
11. \$27,000.00 granted by the National Science Foundation to the University for the "Purchase of a Multi-Purpose Spectrograph," under the direction of Professor Walter K. Bonsack, Department of Astronomy. (GP-5562)
12. \$24,407.00 granted by the Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, to the University for "Energy Conversion in Primary Bio-Photoprocesses," under the direction of Dr. H. H. Nielsen, Department of Physics, for the period April 1, 1966 through March 31, 1967. (Grant 5-K3-GM-21, 946-03)
13. \$17,900.00 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 on November 1, 1966. (GW-665)
14. \$14,385.00 granted by the Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University for support of a Research Career Development Award "Identification of Gastrin-Producing Cell," under the direction of Dr. Emmerich von Haam, Department of Pathology, for the period January 1, 1966 through December 31, 1966. (Grant 1-K3-CA, 31, 237-01)
15. \$11,659.00 from 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. Ian Gregory, Department of Psychiatry, for the period July 1, 1965 through June 30, 1966. (Grant 5 T1 MH-8386-02 and 3 T1 MH-8386-02S1)
16. \$6,830.00 from the Department of Health, Education, and Welfare, Vocational Rehabilitation Administration, Washington, D. C., to the University for "Traineeships in Occupational Therapy," under the direction of Professor Barbara Locher, College of Medicine, for the period September 1, 1965 through August 31, 1966. (Grant VRA-176-T-66 and VRA 176-T-66 Amendment No. 1)

TOTAL - Through the Office of Business and Finance \$8,576,042.00

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund

1. \$100,000.00 from "The Andersons," a partnership, (Harold Anderson, Thomas H. Anderson, Richard P. Anderson, Robert J. Anderson, Donald E. Anderson, John D. Anderson, and Paul M. Kraus) and the Anderson Foundation, Maumee, Ohio, for the establishment of The Andersons Agricultural Research Fund.

The Andersons Agricultural Research Fund

The Andersons Agricultural Research Fund was established December 29, 1965, by gifts through the Development Fund from "The Andersons," a partnership, and the Anderson Foundation of Maumee, Ohio.

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

Income and/or principal is to be used to support agricultural research which would be of benefit to farmers in the region in which the Andersons do business in accordance with the proposal dated December 31, 1965.

2. \$25,000.00 from E. I. du Pont de Nemours & Co. for grants-in-aid during 1966 for use of the Departments of Chemistry, Metallurgical Engineering, and Chemical Engineering.
3. \$24,672.50 from Everett D. Reese, Columbus, Ohio, to be added to the Everett D. Reese Professorship of Banking and Economics.
4. \$22,400.00 from General Motors Corporation, Detroit, Michigan, for the General Motors Corporation Scholarship Fund.
5. \$20,000.00 from an anonymous donor for support of the "Samuel and Esther Melton Professorship in Jewish History and Studies."
6. \$13,000.00 in securities and cash from the Estate of Eunice Cowen Reubel, deceased, for the establishment of the Eunice Cowen Reubel Memorial Fund.

Eunice Cowen Reubel Memorial Fund

The Eunice Cowen Reubel Memorial Fund was established December 14, 1965, by a bequest in the will of Eunice Cowen Reubel, deceased.

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

The income is to be used for an annual graduate scholarship in business education as determined by the Reubel Scholarship Committee as provided in the plan adopted for the use of the income from this fund.

February 10, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

7. \$12,000.00 from Dorothy H. and Lewis Rosenstiel Foundation, New York, New York, for the Heart Holding Fund in the College of Medicine.
8. \$11,613.75 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.
9. \$10,000.00 from Perry S. Fay, Columbus, Ohio, for the establishment of The Perry S. Fay Fund.

The Perry S. Fay Fund

The Perry S. Fay Fund was established December 22, 1965, by a gift through the Development Fund from Perry S. Fay (Law '11) in memory of his sons Perry S. Fay, Jr. (Engr. W'41) and David E. Fay (B.Sc. Bus. Adm. '52), and in honor of his daughter Jane Fay Ham (B.F.A. '42).

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

The income is to be used for the benefit of the College of Law as recommended by the Dean of said College, or in the event of a reorganization of Colleges within the University, as recommended by the appropriate administrative official of the University then directly responsible for legal education at The Ohio State University.

10. \$10,000.00 from Robert L. Ireland III and Jacqueline Ireland for the establishment of the R. L. Ireland III and Jacqueline Ireland Fund.

R. L. Ireland III and Jacqueline Ireland Fund

The R. L. Ireland III and Jacqueline Ireland Fund was established December 10, 1965, by a gift through the Development Fund from Robert L. Ireland III and Jacqueline Ireland (Mrs. Robert L. III).

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.

Income and/or principal may be used as directed by the Dean of the College of Medicine to achieve the required support of the program in medical research, teaching, and patient care.

11. \$10,000.00 from The Bremer Foundation, Youngstown, Ohio, for research in the College of Medicine.

February 10, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

12. \$5,600.00 from the Estate of Gertrude S. Woodin, Columbus, Ohio--
\$2,800.00 for the Gertrude S. Woodin Memorial Scholarship Fund
for Music and \$2,800.00 for the Gertrude S. Woodin Memorial
Scholarship Fund for Engineering.
13. \$5,128.33 from Dorothy Joseph Fenburr, Columbus, Ohio, for the
Herbert L. Fenburr Laboratory in Chemical Engineering.
14. \$5,000.00 from William Bartlett Calkins for a purpose to be
designated later.
15. \$5,000.00 from Smith, Kline & French Foundation, Philadelphia,
Pennsylvania, for academic improvement fund for the Department
of Psychiatry in the College of Medicine.
16. \$5,000.00 from The Camille and Henry Dreyfus Foundation, Inc.,
New York, New York, for the Dreyfus Foundation Fund for Chemical
Engineering.
17. \$5,000.00 from Dr. John J. Fahey, Chicago, Illinois, to be added
to the John J. Fahey Fund.
18. \$4,828.36 from The John and Mary R. Markle Foundation, New York,
New York, for The John and Mary R. Markle Foundation.
19. \$4,600.00 from Abbott Laboratories, North Chicago, Illinois--
\$3,600.00 for the Abbott Laboratories Research Foundation in the
College of Pharmacy and \$1,000.00 for the Abbott Laboratories Foun-
dation for research in the Department of Obstetrics and Gynecology.
20. \$4,500.00 from Owens-Illinois Glass Company for the Owens-Illinois
Fellowship in Ceramic Engineering.
21. \$4,400.00 from Westinghouse Electric Corporation for the College
of Dentistry.
22. \$4,156.00 from Ervin G. Bailey for the Ervin G. Bailey Fund for
Engineering.
23. \$4,062.50 from Florence Poston Carlin for the Oscar E., Florence P.,
David P., and Philip E. Carlin Scholarship Fund.
24. \$4,000.00 from Bertram D. Thomas as an unrestricted gift to The
Ohio State University Development Fund.
25. \$4,000.00 from The Upjohn Company for Endocrine Research Fund.

February 10, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

26. \$3,600.00 from The Charles Taylor's Sons Company for the Charles Taylor's Sons Company Fellowship in Ceramic Engineering.
27. \$3,333.34 from United Health Foundation, Inc., New York, New York, for the United Health Foundation Viral Respiratory Disease Research Fund.
28. \$3,065.63 in securities from Robert M. Critchfield for the Robert M. Critchfield Fund for Engineering.
29. \$3,000.00 from National Welding Supply Association, Philadelphia, Pennsylvania, for the National Welding Supply Association Student Loan Fund.
30. \$2,820.00 from William A. Dougherty for a purpose to be designated later.
31. \$2,667.00 from Charles Pfizer & Company, Inc. --\$1,667.00 for the Infectious Disease Research Fund and \$1,000.00 for the College of Medicine Emergency Fund.
32. \$2,500.00 from The Maytag Company, Newton, Iowa, for a fellowship in Ceramic Engineering.
33. \$2,075.00 from E. I. du Pont de Nemours & Company for the Du Pont Postgraduate Teaching Assistant Award in Chemistry.
34. \$2,000.00 from Clifford C. Baltzly for the Clifford C. Baltzly Scholarship Fund.
35. \$2,000.00 from Thomas A. Boyd for the Thomas Alvin Boyd Lecture-ship in Engineering.
36. \$2,000.00 from the Arline and Thomas Patton Foundation for the Thomas F. Patton Fund for the College of Law.
37. \$2,000.00 from Cyril R. Porthouse--\$1,000.00 for the Porthouse Foundation Fund for Chemical Engineering and \$1,000.00 for a purpose to be designated later.
38. \$1,500.00 from Donald C. Power for the Donald C. Power Fund for the College of Law.
39. \$1,200.00 from Merck & Co., Inc. for the Merck & Co. Fellowship Fund for Chemistry.
40. \$1,068.75 from Howard Francis Seely for the Maribelle Seely Baker Memorial Scholarship Fund.
41. \$1,068.75 from Mrs. Howard Francis Seely for the Maribelle Seely Baker Memorial Scholarship Fund.

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

42. \$1,060.90 from Alan B. Loop for the College of Law Student Financial Aids Fund.
43. \$1,000.00 from Max M. Fisher for a purpose to be designated later.
44. \$1,000.00 from Dr. William H. Havener for the Ophthalmology Teaching Fund.
45. \$1,000.00 from Helen Harvey Hosford (Mrs. William H.) for a purpose to be designated later.
46. \$1,000.00 from Dr. James R. Hull for a purpose to be designated later.
47. \$1,000.00 from the Jasam Foundation, Inc. for a purpose to be designated later.
48. \$1,000.00 from Jesse F. Jelenko, Jr. for the Jesse Jelenko, Jr. Dental Student Loan Fund.
49. \$1,000.00 from Alexander Schoenbaum for a purpose to be designated later.
50. \$1,000.00 from Dr. Joseph L. Bitonte--\$900.00 for the Operation Eye Research Fund and \$100.00 for the Bitonte Dental Student Loan Fund.
51. \$1,000.00 from George W. Byers for a purpose to be designated later.
52. \$1,000.00 from John D. Cole for a purpose to be designated later.
53. \$1,000.00 from James H. Hoffman for a purpose to be designated later.
54. \$1,000.00 from William B. Hoyer--\$600.00 for the Charles W. Griffith Memorial Fund and \$400.00 for the James Edward Hagerty Chair Fund.
55. \$1,000.00 from Forrest G. Ketner for the Forrest G. Ketner Scholarship Fund.
56. \$1,000.00 from Howard E. LeFevre for a purpose to be designated later.
57. \$1,000.00 from Harry S. Littman for the John S. Knight Fund.
58. \$1,000.00 from Clarence S. Ohsner as an unrestricted gift to the University.
59. \$1,000.00 from Herbert H. Schiff for a purpose to be designated later.
60. \$1,000.00 from Mrs. John W. Spain (Margaret Kaufman) for the Operation Eye Research Fund.

February 10, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

61. \$1,000.00 from Edwin J. Will for a purpose to be designated later.
62. \$1,000.00 from Winthrop Laboratories for the Winthrop Laboratories Fund.
63. \$1,000.00 from Robert D. Henry for the establishment of the Irvin C. Henry Library Fund.

Irvin C. Henry Library Fund

The Irvin C. Henry Library Fund was established December 28, 1965, by a gift through the Development Fund from Robert D. Henry (B. Sc. in Agr. '51, Ph.D. '58), son of Irvin C. Henry.

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

The income is to be used for the purchase of books in the field of ancient and medieval history. Each book is to be designated by an appropriate book plate. Any income balance existing at the end of any fiscal year should be credited to the principal.

64. \$525.00 from friends of Jacob B. Taylor for the establishment of the Jacob B. Taylor Memorial Fund.

Jacob B. Taylor Memorial Fund

The Jacob B. Taylor Memorial Fund was established December 22, 1965, by gifts through the Development Fund in memory of Jacob B. Taylor, former Chairman of the Department of Accounting and former Vice President and Business Manager.

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

The income is to be used for any purpose whatsoever in the field of accounting.

TOTAL - Received Through the Development Fund \$382,446.31

C. Gifts-in-Kind

1. An airplane, Douglas B-23, Serial Number 2737, plus miscellaneous supporting parts, complete with navigational equipment and in good operating condition, received December 23, 1965, from Consolidation Coal Company, Inc., Pittsburgh, Pennsylvania, to the Board of Trustees for purposes as determined by the Department of Aviation of the University.

IV. GRANTS AND GIFTS (continued)

C. Gifts-in-Kind (continued)

2. Scientific equipment from the National Industrial Products for the Department of Chemical Engineering.
3. Two cobalt irradiation sources complete with irradiation containers, leveling plates, shadow shields, and miscellaneous accessories and one pneumatic hoist and boom from The B. F. Goodrich Company, Akron, Ohio, for nuclear engineering projects.
4. A one-third interest in a senior shorthorn herd sire (Bilmar Gallant Diadem) from Cyrus S. Eaton, Cleveland, Ohio, for the Department of Animal Science.
5. A collection of six specially designed modern costumes constructed of fine fabrics from Mrs. Harvey S. Firestone, Jr. to be added to the Firestone Collection in the School of Home Economics.
6. A Point de France lace banquet cloth from Mr. and Mrs. Harvey S. Firestone, Jr., which will add significantly to and enrich the art collection of lace work given to the University by the Firestone family.

Upon motion of Mr. Allyn, seconded by Mr. Davis, 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 November 1965

In November, 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	1, 178	\$ 125, 827. 62
Individuals other than alumni	157	11, 747. 50
Nonprofit organizations	20	46, 871. 20
Business concerns	<u>14</u>	<u>40, 783. 23</u>
	1, 369	\$ 225, 229. 55

Of these gifts, 1, 017 totaling \$8, 996. 87 were undesignated and 352 totaling \$216, 232. 68 were designated.

February 10, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

2. Month of December 1965

In December, 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, 253	\$ 153, 955. 43
Individuals other than alumni	186	44, 841. 39
Nonprofit organizations	18	78, 276. 09
Business concerns	<u>20</u>	<u>127, 445. 00</u>
	2, 477	\$ 404, 518. 11

Of these gifts, 1, 915 totaling \$16, 633. 70 were undesignated and 562 totaling \$387, 884. 41 were designated.

3. Annual Report 1965

The totals for the calendar year 1965, January 1 to December 31, inclusive, are as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	30, 209	\$1, 247, 697. 61
Individuals other than alumni	1, 164	201, 953. 64
Nonprofit organizations	378	1, 017, 237. 70
Business concerns	<u>237</u>	<u>579, 014. 05</u>
	31, 988	\$3, 045, 903. 00

Of these gifts, 25, 682 totaling \$198, 416. 96 were undesignated and 6, 306 totaling \$2, 847, 486. 04 were designated.

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V. APPROPRIATIONS AND TRANSFER OF FUNDS

A. 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 and the Cabinet, it is recommended that a sum not to exceed \$5, 000. 00 be appropriated from the University Treasurer Research Subaccount (c) for patent search and filing fees.

Upon motion of Mr. Ketterer, seconded by Mr. Allyn, the appropriation of a sum not to exceed \$5, 000. 00 for the purpose indicated above was approved by unanimous roll call vote.

V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

B. Appropriation for Preparation of Office Space for the Oral History Center for Latin America

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 a sum not to exceed \$4,000.00 be appropriated from Subaccount (b) of the University Treasurer Research Account for the construction of an office facility for the Oral History Center for Latin America.

Upon motion of Mr. Davis, seconded by Mr. Ketterer, the appropriation of a sum not to exceed \$4,000.00 for the purpose indicated above was approved by unanimous roll call vote.

C. Administration Building Repairs

In order to make more effective use of the Administration Building, it is recommended that the Vice President for Business and Finance be authorized to proceed with necessary repairs and alterations to ceilings, lighting, partitions, and air conditioning in accordance with a plan designed by the Office of the University Architect, in accordance with normal University procedures for accomplishing the work and at a cost not to exceed \$88,000.00. Funds for this work will be provided from Budget Account 801068.

Upon motion of Mr. France, seconded by Dr. Thomas, the above recommendation for appropriation of funds was approved by unanimous roll call vote.

D. Annual Recognition Dinner - May 11, 1966

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 11, 1966, at 6:15 p.m., in the Ohio Union, and that a sum not to exceed \$3,100.00 be appropriated from 1617-210000 for expenses.

Upon motion of Mr. France, seconded by Mr. Ketterer, the appropriation of \$3,100.00 for the annual Recognition Dinner was approved by unanimous roll call vote.

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VI. EXTRA AND CREDIT ORDERS AND EXTENSIONS OF TIME 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 listed below be approved by the Board of Trustees.

A. Extra Orders to Contracts

1. Engineering Classrooms and Laboratories	\$27,537.32
2. Construction of Curl Drive	1,432.00
3. Dayton, Phase II	5,855.70
4. University Hospital, Renovation of 7 Areas	<u>31,338.29</u>
Total	<u>\$66,163.31</u>

February 10, 1966 meeting, Board of Trustees

VI. EXTRA AND CREDIT ORDERS AND EXTENSIONS OF TIME TO CONTRACTS
(continued)

B. Credit Orders to Contracts

1. Taylor Tower \$ 6,520.00

C. Extensions of Time for Completion of Contracts

1. Repairs to Exterior Masonry
November 16, 1965 to May 31, 1966
2. Roof Repairs
December 12, 1965 to June 30, 1966
3. Repairs to Roofs
December 28, 1965 to May 31, 1966
4. Repairs to Plumbing in Upham Hall
March 3, 1966 to June 1, 1966

Upon motion of Mr. Allyn, seconded by Mr. Bricker, 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. Interior Painting of Fine Arts and Townshend Hall

This project will correct the condition of the interior walls due to normal deterioration and usage.

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

B. Natorium - Modernization of Lighting

This project will provide additional circuits and lighting fixtures to provide a modern illumination in the varsity pool area.

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

C. Olentangy River Improvement

This project will provide fill from Olentangy River for the Center for Tomorrow.

Funds for the project will be provided from Item 025, H. B. 949 and Budget Account 121658.

VII. PLANS AND SPECIFICATIONS (continued)

D. Research Laboratory, Repairs and Improvements

This project provides remodeling of twelve rooms to create laboratories and offices for graduate research in chemistry.

Funds for the project will be provided from Budget Account 175041.

E. Aircraft Apron and Fire-Crash and Rescue Building

This project provides additional ramp area and a hangar-type building to house fire engines, crash vehicles, snow removal equipment, and other service vehicles.

Funds for the project will be provided by the Federal Aviation Agency.

F. Floor Repairs

This project provides the repair of wood, concrete, battleship linoleum, and asphalt tile floor in six buildings.

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

G. Interior Painting and Patch Plastering of Brown Hall and Mendenhall Laboratory

This project provides for repair and renovation of the walls of these buildings due to deterioration.

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

H. Athletic Facility North

The location of Abraham Lincoln and Justin Morrill Towers near the Stadium requires moving the football practice fields and varsity baseball diamond. Accompanying this change is the need for athletic locker, equipment, and training facilities north of Lane Avenue and south of Married Student Housing, and west of Olentangy River Road.

Since this facility will be needed for Autumn Quarter football practice, it is necessary to take bids at once and to request the Director of Public Works and the Controlling Board of the State of Ohio to permit advertising for a 10-day period and to award contracts for building the shell and for the various trades necessary to complete the facility.

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

Upon motion of Mr. Bricker, 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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February 10, 1966 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. Interior Painting

	<u>Low Bid</u>	<u>Est. of Cost</u>
(8 bids received 12-22-65)		
John Madias Paint Company (Detroit, Michigan)	\$ 23,800.00	\$ 40,000.00

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

B. Repairs and Improvements to Student Services Building

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(9 bids received 1-10-66)		
George H. Moore & Sons (Columbus)	\$ 8,628.00	\$ 16,380.00
<u>Electrical Contract</u>		
(3 bids received 1-27-66)		
S & S Electric Co. (Columbus)	4,950.00	5,000.00
<u>Plumbing Contract</u>		
(2 bids received 1-27-66)		
Perry's Heating Company, Inc. (Columbus)	3,287.00	4,000.00
<u>Air Conditioning Contract</u>		
(4 bids received 1-27-66)		
United Refrigeration (Columbus)	3,479.00	5,000.00
Total Contracts	<u>\$ 20,344.00</u>	<u>\$ 30,380.00</u>

Funds for this project are provided from Budget Account 162295.

C. Masonry Repairs

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received 10-21-65)		
Charbetz Company (Columbus)	\$ 47,444.00	\$ 65,000.00

Funds for this project will be provided from the balance available on the previous defaulted contract and Budget Account 121658.

VIII. REPORT OF AWARD OF CONTRACTS (continued)

D. Addition to Physics and Astronomy Building

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(4 bids received 2-2-66)		
Baker & Coombs of Ohio, Inc. (Columbus)	\$1,382,000.00	\$1,474,718.00
<u>Plumbing Contract</u>		
(6 bids received 2-2-66)		
Sauer, Inc. (Pittsburgh, Pa.)	238,000.00	314,200.00
<u>Heating, Ventilating, and Air Conditioning Contract</u>		
(4 bids received 2-2-66)		
Limbach Company (Columbus)	742,600.00	850,707.00
<u>Electrical Contract</u>		
(4 bids received 2-2-66)		
Electrical Contractors, Inc. (Columbus)	349,517.00	565,000.00
<u>Laboratory Equipment Contract</u>		
(2 bids received 2-2-66)		
Hamilton Mfg. Co. (Two Rivers, Wisconsin)	<u>179,495.00</u>	<u>185,000.00</u>
Total Contracts	<u>\$2,891,612.00</u>	<u>\$3,389,625.00</u>

Funds will be provided from Item 005, S. B. 370.

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

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IX. CONTROLLING BOARD APPROVALS

Each numbered approval shown below accomplishes the following purpose:

- 11 (Board of Regents)
Transfers and releases \$435,000.00 from Item 006, H. B. 949, to Item 037, H. B. 949, to provide funds for planning the General College.
- 14 (Board of Regents)
Transfers and releases \$64,638.00 from Item 001, H. B. 202, to Item 007, H. B. 202, to provide funds for planning the Newark Branch.
- 32 Transfers and releases \$471,000.00 from Item 016, H. B. 202, to Item 015, H. B. 202, to provide funds for land acquisition in the Medical Complex.

IX. CONTROLLING BOARD APPROVALS (continued)

- 34 Transfers and releases \$108,000.00 from Item 027, H. B. 202, to Item 005, H. B. 202, to provide funds for planning the Physics and Astronomy Building.
- 35 Transfers \$51,126.00 from Item 027, H. B. 202, to Item 011, H. B. 202, to provide funds for architects fees and other planning costs for the Electronics Laboratory.
- 36 Transfers and releases \$83,395.00 from Item 027, H. B. 202, to Item 012, H. B. 202, to provide funds for planning the Systems Engineering Building.
- 37 Transfers \$37,245.00 from Item 016, H. B. 202, to Item 042, H. B. 202, to provide funds for planning the Wiseman Hall Addition.
- 38 Authorizes expenditure of \$49,500.00 from Item 028, H. B. 202, for planning expenses on the project "Veterinary Clinic and Animal Hospital."
- 39 Approves the award of an extra order on the plumbing contract for the project "Engineering Classrooms and Laboratories Building" in the amount of \$18,651.00.

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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 William Charles Rucker 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. Rucker, 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. Allyn, seconded by Mr. Davis, the above recommendation was approved by unanimous roll call vote.

B. Law Building, Third Floor Addition - Employment of Architects

It is recommended that the architectural firm of Potter, Tyler, Martin & Roth be employed to provide architectural and engineering services necessary for preliminary plans, outline specifications, and preliminary estimate of cost.

The fee will be calculated on the basis of 8 per cent of the construction cost for complete service and 20 per cent of the above for the preliminary work only. Funds will be provided from Budget Account 179011.

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

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

C. Easement for Gas Line, Lima Campus - West Ohio Gas Company

The West Ohio Gas Company has requested permission to construct a gas pipe line on State of Ohio lands, which lands have been designated for use by The Ohio State University Lima Branch. The line will be constructed along a course generally east of and parallel to the center line of Mumaugh Road to the entrance of the campus, thence parallel to the entrance drive and begin at the north property line of a 565-acre assemblage of land acquired by the State of Ohio in 1965 and recorded in Allen County deed records, Volume 445, page 8. The Lima Branch Campus will be provided gas service through this line.

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

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

D. State Route 39 Right-of-Way, Mansfield Campus - Ohio Department of Highways

The Ohio Department of Highways is planning to improve State Route 39 adjacent to the Mansfield Campus. The improvement will require some additional right-of-way.

It is recommended that the granting of a reasonable highway easement to the Ohio Department of Highways be approved. It is further recommended that the President and/or Vice President for Business and Finance be authorized to negotiate and sign a highway easement on behalf of the Board of Trustees of The Ohio State University pursuant to Ohio Revised Code 3335.11.

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

E. Easement Regulator Station and Gas Line, Mansfield Campus - Columbia Gas of Ohio, Inc.

The Columbia Gas of Ohio, Inc. has requested permission to construct and operate a gas regulator station and 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 generally west of and parallel to the west right-of-way line of State Route 39 on a 554-acre assemblage of land acquired by the State of Ohio in 1965 and recorded in Allen County deed records, Volume 555, page 70 and Volume 562, page 211. The line will provide service for the Mansfield Branch Campus.

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

E. Easement Regulator Station and Gas Line, Mansfield Campus - Columbia Gas of Ohio, Inc. (continued)

It is recommended that the construction of the regulator station and gas line on University lands be approved in a location not inimical to the interests of the University. It is further recommended that the President and/or Vice President for Business and Finance be authorized to request the Director of Public Works, pursuant to his statutory duties, to act on behalf of the University in developing the necessary legal instruments to provide for the installation of said gas line and to negotiate the appropriate compensation to the University.

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

F. Withdrawal from Dividend Reserve on Group Life Insurance

It is recommended that the Vice President for Business and Finance be authorized to make application to John Hancock Mutual Life Insurance Company for the withdrawal of \$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. Shocknessy, the above recommendation was approved by unanimous roll call vote.

G. Purchase of Buildings and Property, 2407 Wood Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Myrtle Black at a price of \$3,000.00:

Property known as 2407 Wood Avenue, being Lot No. 52, Second 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 Budget Account 179999 for the purchase of this property.

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

H. Purchase of Buildings and Property, 2402 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 Cameron and Eleanor Early at a price of \$8,000.00:

February 10, 1966 meeting, Board of Trustees

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

H. Purchase of Buildings and Property, 2402 Kenny Road (continued)

Property known as 2402 Kenny Road, being Lot No. 20,
Second Wood-Brown Co. Addition, Clinton Township,
Franklin County, Ohio.

This purchase is in conformity with the Campus Master Plan and funds
are available in Budget Account 179999 for the purchase of this property.

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

I. City of Columbus Ordinance, North Dormitory Area

It is recommended that the Vice President for Business and Finance be
authorized to accept the terms of the proposed ordinance for the vacation
of Peasley Street, Joe Alley, Poe Alley and the first and second alleys
east of Neil Avenue between the specified limits therein, which provides
for the continuation of easements for City of Columbus sewers and water lines.

This vacation of streets and alleys will permit completion of the site develop-
ment of the North Dormitory area.

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

J. Demolition of Buildings

Upon the recommendation of the Athletic Council and with the concurrence
of the Cabinet, the Vice President for Business and Finance requests that
the following building be demolished as soon as practical:

The Golf Course Residence at 3605 Tremont Road

This demolition will be accomplished in the most economical manner.

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

K. Employment of Architects - Student Health Facility

The Board of Trustees at its meeting on September 14, 1965, recommended
the employment of Louis F. Karlsberger and Associates for the Student
Health Facility.

This firm has subsequently asked to be released from this appointment and
it is therefore recommended that the 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, estimate of cost, and necessary bidding documents.

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

K. Employment of Architects - Student Health Facility (continued)

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 at the option of the University Architect.

The fee for this service will be calculated at .70 x 6% of \$1,000,000.00 and .70 x 5 1/2% of all over \$1,000,000.00 of the construction cost. Funds will be provided from Student Facilities Fees.

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

L. Insurance Coverage - Award of Contracts

President Fawcett presented the following report and recommendations:

1. Award of Insurance Contract on 24 Specified University Locations

Pursuant to the recommendation of the Retirement and Insurance Committee, the Home Insurance Company, Atkinson-Dauksch Agency, has been awarded the contract for insurance on 24 specified University locations. The Home Insurance Company Policy No. 8 86 61 53 provides the \$500 deductible coverage requested on the 24 specified locations for a three-year period, November 15, 1965 through November 14, 1968. It is therefore recommended that the Board of Trustees ratify the action of the Vice President for Business and Finance in awarding this contract.

2. Fire, Extended Coverage, and Business Interruption Insurance on 18 Specified University Locations

Pursuant to an increase in premium retention rate by the present carrier of our insurance on 18 specified locations, a quotation was requested from the Home Insurance Company for this coverage. The results of the inquiry were reviewed and evaluated, and it is recommended that the President and/or Vice President for Business and Finance be authorized to cancel Blackstone Mutual Insurance on 18 specified University locations as of the policy anniversary day, March 1, 1966, and simultaneously award a contract to the Home Insurance Company for the insurance coverage. The additional coverage will be added to Home Insurance Policy No. 8 86 61 53 which will result in a single policy covering 42 specified University locations.

3. "All Risk" Insurance

Pursuant to quotations received on "All Risk" coverage and the evaluation of the University Insurance Consultant, it is recommended that the President and/or Vice President for Business and Finance be authorized to improve the quality of Fire and Extended Coverage insurance on the above 42 locations by adding the Special Coverage Endorsement to the Home Insurance Company policy.

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

L. Insurance Coverage - Award of Contracts (continued)

4. Student Insurance Program

Pursuant to a request for proposals mailed to 101 firms on November 30, 1965, 27 firms specifically declined to bid on Student Insurance and 4 proposals were received, opened, and read publicly on January 4, 1966. On the basis of analysis by University staff and the University Insurance Consultant, it is recommended that the Student Insurance Program be awarded to Continental Casualty Company with the following quarterly premium schedule being charged unless the student waives coverage.

Student (Complete Plan)	\$ 8.00
Student and Spouse	19.00
Student, Spouse, and Children	31.00

The above recommendations are in accordance with a Summary of the Insurance Coverage, Exhibit A and B, which are filed with the official records of the Board of Trustees.

It was moved by Mr. Davis, that the President and/or the Vice President for Business and Finance do all things necessary to implement the above recommendations. The motion was seconded by Mr. Ketterer and approved by unanimous roll call vote.

XI. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of J. Ernest Carman, Professor Emeritus of Geology; Vincent J. Ellerbrock, Professor, School of Optometry; and Tibor Rado, University Research Professor. 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. Ernest Carman

The Board of Trustees expresses its sorrow at the death on January 12, 1966, of J. Ernest Carman, Professor Emeritus of Geology.

Dr. Carman was born on a farm near St. Charles, Iowa, in 1883. He was graduated from Simpson College in 1901 and continued with graduate work in 1903. He taught in the public schools before going to the University of Chicago where he completed his Ph.D. in 1915. While pursuing his graduate studies, he worked on the U. S. Geological Survey, the Illinois and Iowa Geological Surveys and as an Assistant Professor at the University of Cincinnati. In 1916, he joined the faculty at The Ohio State University, and from 1923 to 1944, he served as Chairman of the Department of Geology from which he retired in 1952.

XI. RESOLUTIONS IN MEMORIAM (continued)

A. J. Ernest Carman (continued)

Dr. Carman was a strongly self-disciplined and meticulous worker, and he demanded much of his students. Although he was strict and sometimes stern with his students, basically, he was kind and generous.

His accomplishments in geology were thorough. His first love was the Pleistocene of his native state, but after he came to Ohio, it was Ohio geology, and especially that of western Ohio. His studies of the Silurian and Devonian of northwest Ohio will hardly be surpassed for completeness. When he presented papers before the Geological Society of America, geologists from all over the country admired the clarity of his offering and the effective organization of his subject matter. His presidential address before the Ohio Academy of Science in 1946, on the geology of scenic features in Ohio, is still remembered by those who heard him.

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. Vincent J. Ellerbrock

The Board of Trustees expresses its sorrow at the death on December 4, 1965, of Vincent J. Ellerbrock, Professor, School of Optometry.

Professor Ellerbrock was born in Delphos, Ohio, on March 13, 1918. He received his B.Sc. degree (1940), his M.Sc. degree (1941), and his Ph.D. degree (1947) from The Ohio State University.

Dr. Ellerbrock was the Univis Lens Company Research Fellow in Physiological Optics at The Ohio State University during 1940-41. During the following two years, he worked as a Research Assistant on an NDRC research project related to range finders, and he served as an Instructor in the Army Specialized Training Program in the Department of Physics. In 1944, he was given an appointment as a Research Fellow in the Dartmouth Eye Institute at Dartmouth College, Hanover, New Hampshire, where he worked on Aniseikonia and Subnormal Vision Aids for two years. While working on his Ph.D. degree, he served again as the Univis Lens Company Research Fellow in Physiological Optics, and his Ph.D. dissertation was based on a study of fusional movements of the two eyes. This continued to be the central theme of his research program. In 1947, he was named Assistant Professor of Physiological Optics in the School of Optometry and advanced through the ranks to become Professor in 1956.

Dr. Ellerbrock served the School of Optometry in various ways. As Chairman of the Building and Equipment Committee, he played a major role in working out the detailed plans for the Optometry Building which was occupied in 1951, the addition of which was completed in 1961, and was active in formulating plans for further expansion of the building and equipment facilities.

February 10, 1966 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

B. Vincent J. Ellerbrock (continued)

Dr. Ellerbrock became the Director of the Optometry Clinic in 1951 and organized the clinical program with its special clinics in the fields of Aniseikonia, Subnormal Vision, Contact Lenses, and Orthoptics. The development of these special clinics was his finest contribution.

In 1949, he published a book, Light, Vision and Lenses, in collaboration with Dr. G. W. Knox. He also published A Manual for the Optometry Clinics. His publication list included 45 scientific papers.

Dr. Ellerbrock introduced and developed a program of postgraduate courses for practicing optometrists, and he helped develop the Museum which features the history of eyewear and visual-testing devices from the earliest times up to the present.

Dr. Ellerbrock was a member of the Optical Society of America, the American Optometric Association, the Ohio State Optometric Association, the American Academy of Optometry, where he served on the Executive Council and Editorial Council, the Military Liaison Committee of the Association of Schools and Colleges of Optometry, and the Research Advisory Committee of the American Foundation for the Blind. He was also a member of Sigma Xi and was an honorary member of two of the optometric professional fraternities--Epsilon Psi Epsilon and Omega Epsilon Phi.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It is directed that this Resolution be inscribed upon the minutes of the Board of Trustees.

C. Tibor Rado

The Board of Trustees expresses its sorrow at the death on December 29, 1965, of Tibor Rado, University Research Professor Emeritus.

Dr. Rado was one of the galaxy of Hungarian mathematicians who came to the United States after World War I and imparted a significant impulse to the development of mathematical studies. Professor Rado's contributions to mathematical theory ranged from geometry to abstract formulas, including such subjects as calculus of variations, analysis in general, conformal mapping, minimal surfaces, complex functions, geometry of area, rieman surfaces, and plateau problems.

Professor Rado was born in Budapest on June 2, 1895. From 1913 to 1915 he attended the Polytechnic Institute in the Hungarian capital. He then joined the Hungarian armed forces as a first lieutenant and was captured on the Russian front and sent to Siberia. He escaped from the prisoners' camp and his subsequent odyssey took him to the Arctic regions of Russia, where he lived with Eskimos while moving slowly westward, seeking final escape to his homeland. After thousands of miles across the Arctic wastelands, Dr. Rado returned to Hungary and resumed his education. In 1923, he received a Doctor of Philosophy degree from the University of Szeged.

XII. RESOLUTIONS IN MEMORIAM (continued)

C. Tibor Rado (continued)

Dr. Rado taught for a brief period at the University of Szeged and then went to Germany as a research fellow for the Rockefeller Foundation. In 1929, he came to the United States. He lectured at Harvard University and the Rice Institute and in 1930 joined the faculty of The Ohio State University.

In 1933, Dr. Rado published his first original contribution to mathematical thought, "On the Problem of Plateau," which was translated into every Western language and brought him instant fame. In 1935, he published his second work, "Subharmonic Function."

As World War II entered its final phase, he interrupted his academic career to render a special service to the United States Government. As a science consultant to the armed forces, he was sent to Germany to find German scientists needed by the United States as it approached the nuclear and missile age. Dr. Rado then returned to his research at the Institute for Advanced Study at Princeton, New Jersey. In 1946, he became Chairman of the Department of Mathematics at The Ohio State University, a position he held through 1948. The following year he was named Research Professor.

Professor Rado served as a Visiting Professor at a number of universities, including the University of Chicago, the University of Puerto Rico, and Kansas State.

In the last six years, Dr. Rado's work with computers was concentrated on the design of automatic systems, appropriate mathematical tools, the method called Turing machines, named after the English mathematician, Alan M. Turing, which he preferred to call "Turing, programs," and the limitations of what computers can do.

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. Purchase of T. H. Langlois Property on South Bass Island

Mr. Allyn, a member of the Finance and Investment Committee, presented the following recommendation and moved that it be approved:

Since it would be in the best interests of The Ohio State University to acquire the T. H. Langlois Property on South Bass Island, which property is adjacent to property of the State of Ohio, it is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Thomas H. Langlois at a price of \$9,500.00:

XII. REPORTS (continued)

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

1. Purchase of T. H. Langlois Property on South Bass Island (continued)

Property known as "Langlois Property" South Bass Island, County of Ottawa, State of Ohio, to wit: The corner (North) of the following described property (real estate), being a part of the Reserve Farm (so-called), known as, and being the "Pond Lot" as laid out and designated on the recorded plat and survey of said Reserve Farm made by E. H. Brennan, containing seven and thirty-six one hundredths (7-36/100) acres more or less.

Said lot being deeded is described as follows: Adjoining the land owned by the United States Fish Commission, with a common boundary line, starting at a corner stone at the northeast end of the line and stopping at an iron pin, eleven (11) feet from a corner marked "Fisheries Boundary"; thence at right angles southeastwards 108 feet (one hundred and eight feet); thence paralleling the first line, in a north-easterly direction to low water of the lake shore; thence northwestwards along the low-water line to intercept a line running from the corner stone at right angles to the first line to the lake; thence along this intercepted line to the corner stone, point of beginning, and the purchase price contained herein includes the above lot, the appurtenances thereon and the furnishings in the house. Last transfer of record: Mortgage Book 72, page 432, dated November 17, 1939, Ottawa County.

Funds are available in the Investment Portfolio, Mary D. Rogick Fund.

Following a second of Mr. Allyn's motion by Mr. Shocknessy, 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 January 31, 1966, as submitted to the Finance and Investment Committee of the Board of Trustees and distributed to all members of the Board, was ordered to be filed with the official records of the Board.

B. Report on Action Taken by the Ohio Board of Regents at Its Meeting Held January 14, 1966

It is reported for information and the record that the Ohio Board of Regents at its meeting on January 14, 1966, approved the following two contracts for professional services to be rendered by The Ohio State University in accordance with previous action by the Board of Trustees authorizing President Fawcett to negotiate such contracts:

XII. REPORTS (continued)

B. Report on Action Taken by the Ohio Board of Regents at Its Meeting Held January 14, 1966 (continued)

- (1) Contract for professional services rendered for the development of a preliminary five-year plan and a proposal for a one-year technical services program as these terms are defined in the State Technical Services Act of 1965.
- (2) Contract for professional services rendered for the purpose of coordinating all activities in preparation of the establishment of a regional laboratory pursuant to the Elementary and Secondary Education Act of 1965.

C. Status of Three Projects (Communications Center, Research Tower, and Horticulture, Forestry, and Food Technology Center) Authorized by the Board of Trustees at Its December 9, 1965 Meeting

At the December 9, 1965 meeting, the Board of Trustees adopted resolutions which authorized the President to proceed with the implementation of three projects as requested by the Ohio Board of Regents. These resolutions relate to the construction of a Communications Center, the development of a Research Tower, and the construction of a new facility to be known as the Horticulture, Forestry, and Food Technology Center. It is now reported for information and the record that there is no current financial support for either the Communications Center or the Research Tower and that these projects will be held in abeyance for the time being. The Horticulture, Forestry, and Food Technology Center project is moving forward on schedule and the State Controlling Board has released planning money based upon an estimated total cost for this project of \$3.5 million.

D. Admission Policies for Freshmen for the 1966-67 Academic Year

Within the past several months, there has been widespread interest concerning the policies for the admission of freshmen to State-assisted universities. The following statement has been prepared to clarify the admission policies of The Ohio State University for entering freshmen for the academic year 1966-67. This statement is in accord with the provisions of the Ohio Revised Code and the general guide lines regarding admission policies adopted by the Ohio Board of Regents at its meeting on January 14, 1966, and is reported for information and for the record.

ADMISSION POLICIES FOR FRESHMEN
ACADEMIC YEAR 1966-67

Some guiding principles considered in the development of admission policies for The Ohio State University are: (a) As a State-assisted institution, this University will comply with Section 3345.06 of the Ohio Revised Code and adhere to the doctrine of open admissions for freshmen to an academic division offering a program of study leading toward a degree for all residents of Ohio who are graduates of an accredited high school. (b) As the principal State-assisted university with the primary responsibility for graduate and professional education, priority will be given to qualified students

XII. REPORTS (continued)

D. Admission Policies for Freshmen for the 1966-67 Academic Year (continued)

applying for admission to the graduate, professional, advanced undergraduate, and the special honor freshmen programs of the University. (c) In view of the limited state appropriations and classroom, laboratory, and library facilities on the Columbus Campus, excellent two-year programs of instruction comparable to those maintained on the main campus have been established on Branch Campuses located at Lima, Mansfield, Marion, Newark, and Columbus.

In accordance with the above principles, the admission policies for entering freshmen during the 1966-67 academic year are as follows:

1. A graduate of an accredited high school who is a resident of Ohio and who applies for admission on or before the established deadline dates will be accepted to one of the undergraduate collegiate programs of study offered at the branch campus of the applicant's choice for the Autumn, Winter, and Spring Quarters for the 1966-67 academic year. Students admitted to a program of study at a branch campus are expected to continue at the branch campus through the academic year.
2. Whereas the enrollment capacity on the Columbus Central Campus has been limited for the academic year 1966-67 by the amount of available state appropriations and the availability of classroom, laboratory, and library facilities, the number of freshmen who may be admitted to the academic divisions of the Central Campus for the Autumn, Winter, and Spring Quarters shall not exceed the spaces available after a calculation has been made on the number of graduate, professional, advanced transfer, and returning undergraduates who are expected to be enrolled for the next academic year. The assignment of freshmen for priority class scheduling on the Central Campus will be based upon information pertaining to the applicant's predicted academic success, particular qualifications for special programs, and the chronological order of the application. It is expected that applicants given this priority will have above average high school academic records, achieve satisfactory scores on aptitude tests, and have a high school principal's favorable recommendation.

XII. REPORTS (continued)

D. Admission Policies for Freshmen for the 1966-67 Academic Year (continued)

3. An excellent program of courses for freshmen will be offered during the Summer Quarter on the Columbus Campus and high school graduates who apply for admission for the Summer Quarter 1966 will be accepted for admission. Students enrolled for the Summer Quarter and who achieve satisfactory marks will be given priority in class scheduling for the succeeding quarter.
4. High school graduates who apply for admission to the Columbus Campus for the Autumn, Winter, and Spring Quarters during the 1966-67 academic year and who are not assigned to the limited spaces available on the Central Campus will be admitted and given a lower priority for class scheduling. Such applicants will be designated as Columbus Branch students and most of their classes will be scheduled in late afternoon and evening hours.
5. Admission of out-of-state students as freshmen will be limited to those applicants who have demonstrated high academic promise based upon information pertaining to their predicted academic success and particular qualifications for special programs. A high school principal's favorable recommendation will be required.

Upon motion of Mr. Davis, seconded by Mr. Allyn, the Secretary was instructed to include the above reports in the minutes of this meeting.

E. Report from President Fawcett Pertaining to the Proposed Federal Budgetary Cuts in Funds for Land-Grant Institutions

President Fawcett made the following statement:

The Ohio State University and other land-grant institutions view with dismay and shock the proposals in the President's 1967 budget that would reduce by more than \$20,000,000 the instructional and research funds that flow to our institutions and would shift \$10,000,000 in extension funds from institutional allocation by formula to a system of Federal allocation.

- I. Land-grant teaching funds alone have been cut by \$11.95 million which reduces our annual income at Ohio State for faculty salaries from \$430,710 per year to approximately \$50,000. For a period of at least 15 years prior to 1960 our income from this source averaged about \$149,000 per year. In my personal involvement with the National Association of State Universities and Land Grant Colleges

XII. REPORTS (continued)

E. Report from President Fawcett Pertaining to the Proposed Federal Budgetary Cuts in Funds for Land-Grant Institutions (continued)

I, along with my colleagues, gave considerable time to bringing the matter of the inadequacy of these funds to the attention of Congress.

In 1960 Congress reviewed this program and increased its support from \$5,000,000 to \$14.5 millions annually - an action based on the problems that grow out of inflation and population growth. A part of our increase was therefore funded in fiscal '62 and since the 1962-63 academic year our annual income from this source has been \$430,710.

Institutions like Ohio State have viewed this income not unlike the resources that flow from endowments. It takes a great deal of effort these days to put together the resources that are required for keeping institutions like ours on the forefront of educational progress. To find resources for the replacement of large sums of money removed from our operating budgets is a most difficult assignment.

Funds from the aforementioned source have been flowing to our institution since 1890. At that time Senator J. S. Morrill of Vermont, by unanimous act of Congress, initiated this movement for the purpose of placing land-grant institutions on a firm instructional foundation 'for as long as this nation shall live.' It is the view of the National Association of State Universities and Land-Grant Colleges that the proposed action represents a gross lack of information on current Federal funds relating to higher education.

I am in full agreement with the National Association of State Universities and Land-Grant Colleges' position to the effect that 'The Federal government has substantial programs to help students get into college. It helps build buildings, construct educational television facilities, and purchase equipment. It finances a wide variety of research programs. But, aside from the modest amount it now proposes to eliminate, it nowhere helps finance the central function of instruction of the undergraduates about which there is so much national concern today.'

This action comes at a time when our institutions are attempting to make faculty arrangements for the coming academic year. As I reported to this Board in September, some adjustment in student fees effective

XII. REPORTS (continued)

E. Report from President Fawcett Pertaining to the Proposed Federal Budgetary Cuts in Funds for Land-Grant Institutions (continued)

with the 1966-67 academic year is almost inevitable. It has been my hope to keep that increase as modest as possible and in concert with what I believe to be the role of the state university. It would take no less than \$10.00 per year per student just to cover the anticipated loss from land-grant funds exclusive of the other problems that must be met by such fee increases.

Another of my concerns has been centered around the growing participation of the Federal government in the whole spectrum of higher education. The long and satisfactory relationship between the University and the Federal government where there has been literally no Federal interference with the use of funds that have come from this source has set a pattern that has become a model for institutional-Federal relationships. At a time when the Federal government is now investing in higher education a larger sum than the combined amounts invested by all of the states in the union, the principles that have governed our relationships with respect to land-grant money take on added significance.

Finally, in states that have biennial sessions of their Legislatures, this anticipated action on the part of the Federal government comes at a time when the states, except through special session, cannot very well come to the rescue of the land-grant institutions.

- II. Agricultural research funds have been cut by \$8.5 million dollars. It is estimated by Director Kottman that this cut will effect the income at The Ohio Research and Development Center by \$231,970. I know that Director Kottman and the members of the Board of Control view anticipated action with respect to agricultural research not unlike we view the planned cut in land-grant teaching funds.
- III. The proposed shift of \$10,000,000 in support of the Cooperative Extension Program and the U. S. Department of Agriculture from institutional allocation to Federal allocation appears to be for the purpose of attaining increased concentration of effort on rural community development and work with low-income families. It is estimated that this shift will decrease the appropriation in support of the Ohio Cooperative Extension Service by \$357,100.

XII. REPORTS (continued)

E. Report from President Fawcett Pertaining to the Proposed Federal Budgetary Cuts in Funds for Land-Grant Institutions (continued)

I agree with the position of the National Association of State Universities and Land-Grant Colleges when it states that 'The objective is praiseworthy, the method unnecessary and undesirable. The land-grant institutions have pioneered the work of rural community development and shifted resources to this area to work with low-income families, in full cooperation and consultation with the U. S. Department of Agriculture. They have also repeatedly urged additional Federal assistance for this work, which has not been forthcoming. The implications of change from cooperative consultation to Federal direction are disturbing, to say the least.'

It is my intent to inform the members of the Ohio delegation in Congress about Ohio State's opposition to anticipated Federal action. Any additional contacts that might properly come from members of this Board would be very much appreciated if the members of this Board are in agreement with my views.

Upon motion of Mr. Bricker, seconded by Mr. France, the Board of Trustees voted unanimously to support vigorously the position reported by the President in the above statement.

F. Report on Status of Selection of a Director for the School of Journalism

Mr. Shocknessy requested President Fawcett to report on the status of the selection of a Director for the School of Journalism.

President Fawcett responded as follows:

I view this problem not unlike any other academic problem related to the search for competent faculty. I am advised by the Dean of the College, who has returned to the campus from a vacation period, that he has reconstituted a faculty committee and that he will give this problem his immediate attention. As soon as I receive a recommendation from the Dean, and after appropriate consultation, I will bring a recommendation for appointment to this Board. It is very difficult to predict the amount of time which will be necessary when dealing with an academic problem of this nature. However, I am hopeful to have a recommendation for appointment of a person as Director of the School of Journalism within the next several months.

February 10, 1966 meeting, Board of Trustees

XII. REPORTS (continued)

G. Annual Reports for The Ohio State University Research Foundation and the Engineering Experiment Station

Mr. Mount reported that the Annual Reports for The Ohio State University Research Foundation and the Engineering Experiment Station have been received. A copy of these reports will be mailed to the members of the Board of Trustees and one copy of each report will be filed with the official records of the Board of Trustees.

Thereupon the Board adjourned to meet Thursday, March 10, 1966, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

John T. Mount
Secretary

Alan B. Loop
Chairman

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

Columbus, Ohio, March 10, 1966

The Board of Trustees met at its regular monthly meeting on Thursday, March 10, 1966, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Alan B. Loop, Chairman, Jacob E. Davis, John W. Bricker, Bertram D. Thomas, John G. Ketterer, and James W. Shocknessy.

* * *

Minutes of the last meeting were approved.

* * *

March 10, 1966 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Establishment of a College of Biological Sciences

After many months of study by the Council on Instruction under the leadership of the Vice President for Academic Affairs, the Faculty Council on February 8, 1966, approved the establishment of a College of Biological Sciences.

It was recommended therefore:

That those biological disciplines specified in the following paragraph be reorganized at this University into an independent administrative unit, a College of Biological Sciences, effective July 1, 1966; and

That the faculties of the existing academic divisions be transferred to the College of Biological Sciences, effective July 1, 1966: the Department of Agricultural Biochemistry (to be known in the new college as the Department of Biochemistry), the Department of Botany and Plant Pathology, the Department of Microbiology, the Department of Zoology and Entomology, and the Division of Biophysics; and

That authorizations for the baccalaureate degrees and for all degree programs associated with the units named above be transferred from their present locations to the College of Biological Sciences, effective with the beginning of Autumn Quarter, 1966; and

That the appropriate undergraduate courses be transferred from the Departments of Anatomy, Physiological Chemistry, and Physiology to the College of Biological Sciences, effective with the beginning of the Autumn Quarter, 1966, and that authorization for the undergraduate major programs in those departments be withdrawn from the College of Medicine, effective with the beginning of the Autumn Quarter, 1966; and

That in order to meet requirements for the continued accreditation of the College of Medicine a Department of Medical Microbiology be established in the College of Medicine, effective July 1, 1966; and

That the President be authorized to initiate a search for the Dean of the new college and that he be appointed as soon as possible.

Upon motion of Mr. Bricker, seconded by Mr. Davis, the Board of Trustees approved the establishment of a new college--the College of Biological Sciences--by unanimous roll call vote.

March 10, 1966 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Revision of Rule 13.0503 of the Rules for the University Faculty

To regularize the procedure already in operation in most of the major academic departments of the University, it was recommended that the Board of Trustees approve the following revision to the Rules for the University Faculty as endorsed by the Faculty Council at its meeting on February 8, 1966:

That Rule 13.0503 be amended by adding a new subsection "c" to Section 2 which will read as follows:

- c. To prepare, after consultation in accordance with the Pattern of Departmental Administration, a statement setting forth the criteria and procedures according to which recommendations concerning salary increases, promotions in rank, and granting of tenure are made within the Department or School. This statement shall be made available to all present and prospective members of the Department or School, and a copy shall be deposited in the office of the Vice President for Academic Affairs and Dean of Faculties. At the beginning of each four-year term of the Chairman of a Department or the Director of a School, the members of the Department or School and the office of the Vice President for Academic Affairs and Dean of Faculties shall receive either a revision or reaffirmation of the original statement.

Further, that subsections "c" through "k" of Section 2 of Rule 13.0503 be relettered as "d" through "l."

Upon motion of Mr. Ketterer, seconded by Mr. Shocknessy, the Board of Trustees approved the above recommendations by unanimous roll call vote, and the Secretary was instructed to make such changes in the Rules for the University Faculty as are required to implement the above recommendations.

C. Degrees Conferred - Winter Quarter Commencement Convocation

It was recommended that degrees be conferred at the Winter Quarter Commencement Convocation on March 18, 1966, to those students who have completed the 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 VIII, page 409.)

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

March 10, 1966 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Establishment of the "Gustav Hirsch Memorial Professorship" in the College of Medicine

Pursuant to the conditions set forth for the establishment of a "Named Professorship," as approved by the Board of Trustees at its January 14, 1965 meeting, it was recommended with the concurrence of the Vice President for Academic Affairs and the Dean of the College of Medicine that the "Gustav Hirsch Memorial Professorship" in the College of Medicine be established. This professorship is dedicated to the advancement of cardiology within the College of Medicine and its Department of Medicine.

The recipient of this professorship will be made upon the recommendation of the Dean of the College of Medicine who will seek recommendations from the Chairman of the Department of Medicine and the Chief of the Division of Cardiology.

The "Gustav Hirsch Memorial Professorship" will be supported by a gift to The Ohio State University from Miss Irene Hirsch through the Central Ohio Heart Association in the amount of \$5,000.00 annually for a period of not less than five years.

Upon motion of Mr. Ketterer, seconded by Mr. Bricker, the Board of Trustees by unanimous roll call vote approved the establishment of the "Gustav Hirsch Memorial Professorship" in the College of Medicine.

E. Honorary Degrees

The Faculty Council on February 8, 1966, recommended that honorary degrees be conferred on the following:

David K. Detweiler - Doctor of Science

Andrew Denny Rodgers III - Doctor of Literature

It was therefore recommended that the Board of Trustees approve the awarding of the honorary degrees as indicated to the above-named persons at the June Commencement Convocation or as soon as possible thereafter.

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

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II. PERSONNEL CHANGES

It was recommended that all personnel changes since the February 10, 1966 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes include the following Promotions, Appointment, Leaves of Absence With Salary, and Leaves of Absence Without Salary:

II. PERSONNEL CHANGES (continued)

A. Promotions

Neil C. Andrews promoted to Assistant Dean of the College of Medicine (part time - 73%), effective April 1, 1966, at a salary of \$17,160.00 per annum. Dr. Andrews will continue to hold the rank of Associate Professor (part time - 25%) in the Department of Surgery at a salary of \$4,608.00 per annum.

Henry G. Cramblett promoted to Professor and Chairman of the newly created Department of Medical Microbiology, effective July 1, 1966, at a salary of \$24,168.00 per annum. Dr. Cramblett will continue to hold the rank of Professor in the Department of Pediatrics at No Salary.

B. Appointment

Harold V. Ellingson, Professor and Chairman, Department of Preventive Medicine, effective April 1, 1966, at a salary of \$24,168.00 per annum.

C. Leaves of Absence With Salary

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

Robert W. Cole, Instructor (County Extension Agent, Agriculture) Henry County, effective April 1, 1966 through June 15, 1966, to participate in a program of professional improvement at Michigan State University.

John E. Moore, Instructor (Extension Economist, Farm Management), effective April 1, 1966 through June 15, 1966, to participate in a program of professional improvement at The Ohio State University.

Lois Ann Simonds, Instructor (Extension Specialist, Marketing Information for Consumers), effective April 1, 1966 through August 31, 1966, to participate in a program of professional improvement at The Ohio State University.

D. Leaves of Absence Without Salary

Julian H. Markels, Associate Professor, Department of English, effective April 1, 1966 through September 30, 1966, to accept a Howald Fellowship.

Siefrid P. Bruny, Assistant Professor (District Program Leader, 4-H), Cooperative Extension Service, effective May 1, 1966 through May 31, 1966, to participate in a program of professional improvement at The Ohio State University.

March 10, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

Raymond E. Dumett, Instructor, Department of History, effective April 1, 1966 through September 30, 1966, to pursue his Ph.D. program of studies in England.

Alga D. Weaver, Instructor (County Extension Agent, Home Economics) Tuscarawas County, Cooperative Extension Service, effective March 1, 1966 through September 30, 1966, due to ill health.

Upon motion of Mr. Davis, seconded by Mr. Shocknessy, the Promotions, the Appointment, the Leaves of Absence With Salary, the 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 was recommended that the research agreements for the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

1. Government Contracts - Federal

- a. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, The Biochemical Role of the Essential Fatty Acids (to be known as National Institutes of Health Project No. 1218 - Ext. #5 - Institute of Nutrition and Food Technology).
Gross Value - \$20,902.00.
- b. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Mechanisms of Photochemically Initiated Oxidations (to be known as National Institutes of Health Project No. 1220 - Ext. #5 - Department of Chemistry).
Gross Value - \$55,312.00.
- c. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Control of Pituitary ACTH Secretion (to be known as National Institutes of Health Project No. 1272 - Ext. #5 - Department of Pharmacology).
Gross Value - \$23,511.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- d. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, CO₂ Transients Associated with Hyperventilation (to be known as National Institutes of Health Project No. 1647 - Ext. #2 - Department of Physiology).
Gross Value - \$14,891.00.
- e. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, General Research Support Program (to be known as National Institutes of Health Project No. 1775 - Ext. #2 - College of Dentistry).
Gross Value - \$36,679.00.
- f. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Time and Training Effects in Compound Conditioning (to be known as National Institutes of Health Project No. 1779 - Ext. #2 - Department of Psychology).
Gross Value - \$28,087.00.
- g. Electronic Systems Division, AFSC, Laurence G. Hanscom Field, Bedford, Massachusetts, Research Into the Scattering of Electro-magnetic Energy from Highly Conducting Bodies (to be known as Electronic Systems Division Project No. 1793 - Mod. #2 - Department of Electrical Engineering).
Gross Value - \$54,973.00.
- h. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Purification and Characterization of Gastrin (to be known as National Institutes of Health Project No. 1861 - Ext. #1 - Department of Surgery).
Gross Value - \$59,011.00.
- i. Department of State, Agency for International Development, Washington, D. C., Analysis of Programs for the Development and Improvement of Agricultural Credit Institutions and Services (to be known as Agency for International Development Project No. 1365 - Amend. #1 - Department of Agricultural Economics and Rural Sociology).
Gross Value - \$347,753.00.
- j. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Strategies for Educational Change (to be known as Office of Education Project No. 2004 - Amend. #1 - School of Education).
Gross Value - \$3,120.00.

March 10, 1966 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- k. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Ion Sheath Propagation Studies (to be known as Systems Engineering Group, Research and Technology Division Project No. 2146 - New - Departments of Electrical Engineering and Aeronautical and Astronautical Engineering).
Gross Value - \$99,816.00.
- l. Department of State, Agency for International Development, Washington, D. C., Technical Assistance in the Development of a National Plan for Human Resources in Ecuador (to be known as Agency for International Development Project No. 2158 - New - Department of Economics).
Gross Value - \$49,377.00.
- m. National Science Foundation, Washington, D. C., Environmental History of the Galapagos Islands (to be known as National Science Foundation Project No. 2161 - New - Department of Zoology and Entomology).
Gross Value - \$86,200.00.
- n. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Hypothesis Behavior in Concept-Identification (to be known as National Institutes of Health Project No. 2166 - New - Department of Psychology).
Gross Value - \$14,858.00.
- o. National Science Foundation, Washington, D. C., Influence of Clouds and Pollution in the Arctic Region (to be known as National Science Foundation Project No. 2168 - New - Institute of Polar Studies).
Gross Value - \$4,100.00.

TOTAL - Government Contracts - Federal \$898,590.00

2. Government Contract - State

- a. State of Ohio, Department of Highways, Columbus, Ohio, Super-wide Angle Photography and Its Application in Highway Mapping (to be known as State of Ohio, Department of Highways Project No. 2159 - New - Department of Geodetic Science).
Gross Value - \$6,528.00.

March 10, 1966 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

3. Industrial and Other Contracts

- a. Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation Program of the CCNSC in the Central Region, USA (to be known as Regents of the University of Wisconsin Project No. 1395 - Checks Nos. C257763, C258864, 286368 - Department of Surgery).
Gross Value - \$1,794.14.
- b. 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 - Checks Nos. 19469, 002277, 003439, 15138 - Department of Surgery).
Gross Value - \$2,100.00.
- c. American Cancer Society, Inc., 219 East 42nd Street, New York, New York, Autologous Bone Marrow Transplantation (to be known as American Cancer Society, Inc. Project No. 1887 - Ext. #1 - Department of Medicine).
Gross Value - \$12,412.00.
- d. University of Cincinnati, Cincinnati, Ohio, Theoretical Studies of the Heat and Mass Transfer in Binary Boundary Flows at Very High Velocities (to be known as University of Cincinnati Project No. 2079 - Amend. #2 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$9,971.00.

TOTAL - Industrial and Other Contracts \$26,277.14

The foregoing twenty contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$931,395.14.

Upon motion of Mr. Bricker, 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 January 29, 1966 through February 24, 1966, the Engineering Experiment Station of The Ohio State University entered into the following research contract. This research contract was reported to the Board of Trustees for information and record.

March 10, 1966 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 279 Investigation of Soil-Structure Interaction in Culvert
Pipes, Ohio Department of Highways, Columbus, Ohio,
Bureau of Public Roads, Washington, D. C.
Gross Value - \$56,760.00.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since February 10, 1966, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

A. Administered Through the Office of Business and Finance

1. \$166,000.00 from the Department of Health, Education, and Welfare, Office of Education, Division of Handicapped Children and Youth, Washington, D. C. 20202, to the University for support of the program entitled, "Preparation of Professional Personnel in the Education of Handicapped Children." (Grant OEG-3-6-00145-0145)
2. \$12,600.00 from National Science Foundation to the University for support of an "Undergraduate Research Participation Program," under the direction of Professor W. Hayes Yeager, Department of Speech. This grant terminates on July 31, 1967. (GY-842)
3. \$11,200.00 from National Science Foundation to the University for support of an "Undergraduate Research Participation Program," under the direction of Professor John G. Burnham, Department of History. This grant terminates on September 30, 1966. (GY-965)
4. \$10,500.00 from National Science Foundation to the University for support of an "Undergraduate Research Participation Program," under the direction of Professor Belton M. Fleisher, Department of Economics. This grant terminates on July 31, 1967. (GY-849)
5. \$5,523.00 additional grant from the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of "Cancer Training," under the direction of Dr. Emmerich von Haam, Department of Pathology, for the period September 1, 1965 through June 30, 1966. (Grant T2 CA 469-19 Revised)

TOTAL - Through the Office of Business and Finance \$205,823.00

March 10, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund

1. \$23,000.00 from The Friedman Foundation, Tiffin, Ohio, to the University for deposit in the Friedman Fund, Account No. 179989.
2. \$16,000.00 from William R. Flesher and Marie Adamson Flesher for the establishment of The Flesher Fellowship Fund.

The Flesher Fellowship Fund

The Flesher Fellowship Fund was established December 31, 1965, by gifts through the Development Fund from William R. Flesher, M.A. '35, Ph.D. '42, and Marie Adamson Flesher, M.A. '35, Ph.D. '51, who served respectively as professor and associate professor in the College of Education until their resignations in October, 1961.

This Fund, to be known popularly as "The Sweet Sixteen Fund," is established in honor of Mr. Flesher's 16 doctoral graduates:

Harold W. Boles, '57	Paul K. Howells, '56
Guy W. Buddenmeyer, '53	Robert E. Hubbard, '53
Kenneth J. Crim, '59	Hugh S. Morrison, '57
Victor W. Doherty, '54	John O. Niederhauser, '61
Max W. Evans, '61	Emiliano C. Ramirez, '53
Walter G. Hack, '59	William M. Root, '58
David C. Hanna, '50	John W. Shreve, '57
Darrell C. Holmes, '50	Orval L. Ulry, '53

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

The income from this Fund is to be used to provide annual fellowships for doctoral students at The Ohio State University majoring in the field of education.

Contributions to this Fund may be made at any time by others, including the 16 doctoral graduates named above in whose honor this Fund has been established.

3. \$12,000.00 from Corn Industries Research Fund, Inc., Washington, D. C., for research in the Department of Chemistry.
4. \$12,000.00 from the American Dairy Association, Chicago, Illinois--\$8,000.00 for cheese research in the Department of Dairy Technology and \$4,000.00 for ice cream research in the Department of Dairy Technology.
5. \$8,517.00 from The Charles F. High Foundation, Bucyrus, Ohio, for the Charles F. High Foundation Scholarship Fund.

March 10, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

6. \$7,000.00 from Esso Research and Engineering Company, Linden, New Jersey--\$3,500.00 for the Esso Postgraduate Fellowship in Chemistry and \$3,500.00 for the Esso Graduate Fellowship in Chemical Engineering.
7. \$5,016.69 from the National Fund for Graduate Nursing Education, Washington, D. C. , for the Graduate Nursing Education Fund.
8. \$5,000.00 from George E. Armington, Sr. , Austinburg, Ohio, as an undesignated gift to the Development Fund.
9. \$5,000.00 from William B. Calkins, Orlando, Florida, for the alumni house.
10. \$5,000.00 from National Machinery Foundation, Inc. , Tiffin, Ohio, to the University for deposit in the Friedman Fund, Account No. 179989.
11. \$5,000.00 from the Central Ohio Heart Association for the establishment of the "Gustav Hirsch Memorial Professorship" in the College of Medicine.
12. \$4,917.50 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund.
13. \$4,400.00 from Tek-Hughes for research in the College of Dentistry.
14. \$4,342.00 from the Grace High Washburn Trust for the Grace High Washburn Trust Scholarship Fund.
15. \$4,000.00 from Monsanto Chemical Company--\$2,500.00 for the Monsanto Aid to Education in Chemical Engineering and \$1,500.00 for the Monsanto Fellowship in Chemistry.
16. \$3,000.00 from Ernst & Ernst Foundation, Cleveland, Ohio, for general use in the Department of Accounting.
17. \$3,000.00 from The Refractories Institute for the F. I. R. E. Fund in Ceramic Engineering.
18. \$2,500.00 from Dr. Victor L. Steffel for the Victor L. and Marie Steffel Student Loan Fund.
19. \$2,200.00 from the United Health Foundation of The United Community Services of Greater Elyria, Inc. , Elyria, Ohio, for the United Health Foundation of Greater Elyria Fund.
20. \$2,000.00 from The National Drug Company for the National Drug Company Fund.

March 10, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

21. \$1,500.00 from Dr. Howard Francis Seely for the Maribelle Seely Baker Memorial Scholarship Fund.
22. \$1,500.00 from Mrs. Howard Francis Seely for the Maribelle Seely Baker Memorial Scholarship Fund.
23. \$1,500.00 from Ayerst Laboratories for the Ayerst Laboratories Fund.
24. \$1,000.00 from Procter & Gamble Company, Cincinnati, Ohio, for the Department of Microbiology Special Fund.

TOTAL - Received Through the Development Fund \$139,393.19

Upon motion of Mr. Davis, seconded by Dr. Thomas, 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 January, 1966, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	329	\$ 30,397.75
Individuals, other than alumni	92	7,552.00
Nonprofit organizations	31	95,556.00
Business concerns	<u>14</u>	<u>41,867.00</u>
	466	\$175,372.75

Of these gifts, 241 totaling \$9,100.85 were undesignated and 225 totaling \$166,271.90 were designated.

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V. APPROPRIATIONS AND TRANSFER OF FUNDS

A. Appropriation for Research Project - Renovation of Animal Research Laboratory - Botany and Zoology Building

At the request of the Vice President for Research and with the concurrence of the Vice President for Business and Finance, it was recommended that a sum of \$5,000.00 be appropriated from the University Treasurer Research Subaccount (b) for renovation of a research laboratory for animal experimentation in the Botany and Zoology Building.

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

March 10, 1966 meeting, Board of Trustees

V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

B. Orientation Program for New Faculty - 1966-67

Upon the recommendation of Dr. John C. Weaver, Vice President for Academic Affairs and Dean of Faculties, it was recommended that an amount not to exceed \$850.00 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. Davis, seconded by Mr. Ketterer, the above recommendation for appropriation of funds 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, it was recommended that the Extra Order to Contract as listed below be approved by the Board of Trustees:

A. Extra Order to Contract

1. Taylor Tower \$515.00

Upon motion of Mr. Davis, seconded by Mr. Shocknessy, 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 was recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Military Science - Modernization of Lighting

This project will replace the existing incandescent lighting with fluorescent lighting.

Funds will be provided from Budget Account 121658.

B. Renovating Operating Suites 9, 10, 11, and 12 and Related Areas

This project will remodel four operating rooms and related areas including new conductive flooring; ceramic tile walls; new ceilings; new lighting and wiring for TV monitors; new sinks; outlets for oxygen, air, and other gases; and related work.

Funds will be provided from the University Hospital Rotary.

VII. PLANS AND SPECIFICATIONS (continued)

C. Electronics Laboratories

This project is a complete new building with fixed equipment to serve the instruction and research activities related to electronics in the Department of Electrical Engineering and includes a bridge connecting the new building with Caldwell Laboratory.

Funds for this project are provided in Item 002, H. B. 202.

D. Systems Engineering Building

This project is a complete new building with fixed equipment, to serve for all instruction and research activities of the Department of Industrial Engineering and includes classrooms, laboratories, offices, and related areas.

Funds for this project are provided in Item 012, H. B. 202.

E. Wright State Campus, Phase IV

This project is a four-story building to house the various engineering departments and related physical sciences.

Funds for the project are provided in Item 275-002, H. B. 949.

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

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VIII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken for several projects and contracts were recommended for award. The actions reported to the Board were as follows:

A. Repairs to Sisson Hall

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(5 bids received February 3, 1966)		
Payt Construction Company (Columbus)		
Base Bid	\$ 33,590.00	\$ 38,000.00
Alt. G-1 Site Improvement	<u>2,200.00</u>	<u>3,500.00</u>
Total	<u>\$ 35,790.00</u>	<u>\$ 41,500.00</u>

March 10, 1966 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

A. Repairs to Sisson Hall (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating, Ventilating, and Air Conditioning Contract</u>		
(3 bids received January 25, 1966)		
Keen-Air Conditioning Corporation (Columbus)		
Base Bid	\$ 35,470.00	\$ 38,000.00
Alt. H-1 Exhaust System Room 20	<u>1,330.00</u>	<u>1,800.00</u>
Total	<u>\$ 36,800.00</u>	<u>\$ 39,800.00</u>
<u>Plumbing Contract</u>		
(4 bids received February 3, 1966)		
Piping Contractors Co. (Columbus)		
Base Bid	<u>\$ 24,581.00</u>	<u>\$ 28,000.00</u>
<u>Electrical Contract</u>		
(7 bids received January 25, 1966)		
Reco Electric Company (Columbus)		
Base Bid	\$ 18,900.00	\$ 20,000.00
Alt. E-1 Electric for Exhaust System Room 20	254.00	150.00
Alt. E-2 Electric Work in Office	<u>1,010.00</u>	<u>1,000.00</u>
Total	<u>\$ 20,164.00</u>	<u>\$ 21,150.00</u>
<u>Equipment Contract</u>		
(3 bids received January 25, 1966)		
Brown Morse Company (Columbus)		
Base Bid	<u>\$ 18,758.00</u>	<u>\$ 20,500.00</u>
<u>Total All Contracts</u>	<u>\$136,093.00</u>	<u>\$150,950.00</u>

Funds for this project are provided from the National Heart Institute and the University Treasurer Research Account.

B. Arps Hall - Repairs to Electrical Systems

	<u>Low Bid</u>	<u>Est. of Cost</u>
(7 bids received February 4, 1966)		
Jess Howard Electric Co. (Columbus)	\$ 39,447.00	\$ 80,000.00

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

March 10, 1966 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

C. Agricultural Administration Building Improvements

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Mechanical Contract</u> (4 bids received February 9, 1966)		
Comfort Contractors, Inc. (Columbus)	\$ 17,888.00	\$ 19,900.00
<u>Electrical Contract</u> (3 bids received February 9, 1966)		
Reco Electric Contractors, Inc. (Columbus)	<u>2,600.00</u>	<u>3,400.00</u>
<u>Total Contracts</u>	<u>\$ 20,488.00</u>	<u>\$ 23,300.00</u>

Funds for this project will be provided from Budget Account 129010.

D. Dodd Hall - Entrance Repairs

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (2 bids received February 25, 1966)		
A. L. Meyer Construction Co. (Columbus)		
Base Bid	\$ 9,167.00	\$ 10,100.00
Alt. G-1 Asphalt Concrete Paving	600.00	300.00
Alt. G-2 General Work in Conjunction with Heating	<u>61.00</u>	<u>300.00</u>
Total	<u>\$ 9,828.00</u>	<u>\$ 10,700.00</u>
<u>Heating Contract</u> (2 bids received February 10, 1966)		
Comfort Contractors (Columbus)	<u>\$ 1,700.00</u>	<u>\$ 2,300.00</u>
<u>Electrical Contract</u> (3 bids received February 10, 1966)		
Reco Electric (Columbus)		
Base Bid	\$ 1,310.00	\$ 1,600.00
Alt. E-1 Electrical Work in Conjunction with Heating	<u>80.00</u>	<u>400.00</u>
Total	<u>\$ 1,390.00</u>	<u>\$ 2,000.00</u>
<u>Total Contracts</u>	<u>\$ 12,918.00</u>	<u>\$ 15,000.00</u>

Funds for this project are provided from Budget Account 410003.

Upon motion of Mr. Ketterer, seconded by Mr. Shocknessy, 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 APPROVAL

Each numbered request shown below accomplishes the following purpose:

- 41 Approves the transfer of \$37,000.00 from Item 034 to a new account, Item 046 Horticulture, Forestry, and Food Technology Facility, and releases this amount for planning the project.

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X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Athletic Facility North, Employment of Engineers

It was recommended that the engineering firm of Ralph J. Kramer, Comer & Passe be employed to provide complete professional engineering services for heating, ventilating, and air conditioning; plumbing and electrical work for the above project; including design, preparation of drawings, specifications, and estimate of cost, and complete field supervision of construction.

This service will be provided at a fee of 5 1/2 per cent of the cost of the mechanical and electrical work or an estimated fee of \$10,450.00. Funds for this project are provided from the Athletic Department Rotary.

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

B. Mansfield Campus, Phase II, Employment of Architects

The employment of Thomas Gene Zaugg and Associates as architects for this project was approved by the Board of Trustees at the December 9, 1965 meeting. This firm subsequently requested permission to withdraw from the project without prejudice.

It was therefore recommended that the action of the Board on December 9, 1965, be rescinded and that the architectural firm of Marr, Knapp and Crawfis 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.

This service will be provided at a fee of 6 per cent of the cost of construction or an estimated fee of \$42,000.00. Funds for the project are provided from Budget Account 801071.

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

March 10, 1966 meeting, Board of Trustees

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

C. Medical Center Utilities, Employment of Engineers

It was recommended that the engineering firm of Burgess and Niple, Ltd. be employed to provide complete professional engineering services for the above project, including surveys, design, preparation of drawings, specifications and estimate of cost, and complete field supervision of construction.

This service will be provided at a fee to be negotiated by the Director of Public Works and funds will be provided from Item 048, H. B. 202.

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

D. Acquisition of Property - 132 West Tenth 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

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 from Dormitory Revenue Funds 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. 26, John A. Evan's College View Addition,
Columbus, Franklin County, Ohio, and commonly known
as 132 West 10th 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.

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March 10, 1966 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Edgar Charles Clark, Professor Emeritus of Engineering Mechanics; George Morris Curtis, Professor Emeritus in the Department of Surgery; Ray William Kissane, Clinical Professor Emeritus in the Department of Medicine; Clifford C. Sherburne, Clinical Professor Emeritus in the Department of Medicine; and Lawrence Everette Laybourne, former member of the Board of Trustees. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Edgar Charles Clark

The Board of Trustees expresses its sorrow at the death on February 11, 1966, of Edgar Charles Clark, Professor Emeritus of Engineering Mechanics.

Professor Clark was born in Chicago on August 2, 1903. He was graduated from the University of Kansas in 1925 with the degree B.S. in C. E. He taught at the University of Illinois where he pursued graduate work leading to the degree of M. Sc. in Theoretical and Applied Mechanics in 1929. At that time he joined the faculty at The Ohio State University as Instructor in Mechanics. He retired from his position as Professor of Engineering Mechanics in June, 1965.

A master of techniques in experimental stress analysis with an ingenuity and inventiveness, Professor Clark was admired by his colleagues and students. His research and teaching were characterized by a thoroughgoing attention to principles. In his classes he excelled in reducing analytical problems to their simplest terms and in demonstrations of physical analogs. His research reports were notable for their clarity.

Professor Clark enjoyed watching the developing maturity of his students and gave generously of his time for thirty years as adviser and faculty treasurer of Ohio Gamma Chapter of Tau Beta Pi, honorary engineering society. In October, 1965, he was made national president-elect of this society.

Professor Clark was active at the national and local level in the American Society for Engineering Education and the Society for Experimental Stress Analysis. He was a member of Sigma Xi and the American Association of University Professors.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees.

March 10, 1966 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

B. George Morris Curtis

The Board of Trustees expresses its sorrow at the death on December 23, 1965, of George M. Curtis, Professor Emeritus in the Department of Surgery.

Dr. George Morris Curtis was born in Big Rapids, Michigan, on April 2, 1890. Upon graduating from Greenville High School, he entered the University of Michigan where he earned the rare distinction of graduating in 1910 with both a master and bachelor of arts degree, and in 1914 he received his doctorate in anatomy. Dr. Curtis was then appointed Assistant Professor of Anatomy at Vanderbilt University and became head of the Anatomy Department in 1915.

After serving in the U. S. Army Medical Corps in World War I, he entered Rush Medical College and received his M.D. degree in 1920. He served his internship at a U. S. Public Health Service Hospital in Chicago and was resident in surgery at the Presbyterian Hospital in Chicago. In 1924, Dr. Curtis was awarded a fellowship by the National Research Council for the study of iodine metabolism at the University of Chicago and the University of Berne, Switzerland.

In 1927, upon returning from Europe, Dr. Curtis was appointed Associate Professor of Surgery at the newly established University of Chicago Medical School. In 1932, Dr. Curtis accepted the position of Professor of Surgery at The Ohio State University, and in 1936 he was made Chairman of the newly created Department of Research Surgery, in which capacity he served until his retirement due to illness in 1952. The same year, he was awarded the Honorary Degree of Doctor of Science by the University of Michigan.

The rapid growth of The Ohio State University Medical School is in no small degree due to the untiring efforts of George Morris Curtis during his twenty years of association with this institution. His broad background in both basic science and surgery was admirably suited to the extensive program of research, teaching, and surgery which he initiated and administered until his retirement. His distinguished investigation of thyroid physiology, iodine metabolism, pulmonary and splenic diseases, and many other timely and pertinent problems afforded an academic orientation and brought widespread recognition to the medical school. An outstanding author, Dr. Curtis' first scientific report was published in 1910. At the time of his retirement, he was the author of over two hundred and fifty publications which testify to his interest in and dedication to scientific inquiry.

Dr. Curtis was an inspiring teacher in the true sense of the word. His lectures were prepared in advance and delivered with precision and clarity. The Class of 1942 elected him "Man of the Year." He established a program of approved residency training and initiated a course of study and investigation in the Graduate School leading to the degree of Master of Medical Science. Thirty-two of his students received this advanced degree.

March 10, 1966 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

B. George Morris Curtis (continued)

Dr. Curtis held membership in over fifty medical societies. He was president of the Ohio Academy of Science in 1939; founder and first secretary of the Central Surgical Association in 1940 and its president in 1946; founder-member of the American Board of Surgery and American Board of Thoracic Surgery; and president of the Columbus Surgical Society in 1947. Dr. Curtis was a member of Phi Beta Kappa, Alpha Omega Alpha, Sigma Xi, Phi Sigma, Gamma Alpha, Alpha Kappa Kappa, and Beta Epsilon.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees.

C. Ray William Kissane

The Board of Trustees expresses its sorrow at the death on October 15, 1965, of Ray William Kissane, Clinical Professor Emeritus in the Department of Medicine.

Ray William Kissane was born November 15, 1894, in Galion, Ohio. He received his Medical Degree from The Ohio State University in June, 1918. His internship was served in the U. S. Army Hospital No. 4, at Ft. Oglethorpe, Georgia, in 1918-1919. He pursued postgraduate work in cardiology at Barnes Hospital, Washington University, St. Louis, in 1925. Upon his return to Columbus, he became Director of Cardiology at White Cross Hospital in 1925; and he was made Director of Cardiology at Children's Hospital in 1926. He worked and studied at the National Hospital for Diseases of the Heart at London University; at University of Bristol, England; at Edinburgh, Scotland; and at Belfast, Ireland, in 1928-1929.

Dr. Kissane received his first appointment in the Department of Medicine, The Ohio State University, in 1933, as Lecturer in Cardiology. He was promoted to Clinical Associate Professor in 1946 and to Professor in Cardiology in 1949. He was named Clinical Professor and Director of the Division of Cardiology in 1951. He was made Clinical Professor Emeritus on July 1, 1965.

Dr. Kissane held certification under the American Board of Internal Medicine and the American Board of Cardiology since their inception. He became a Fellow of the American College of Physicians, a Fellow of the American College of Cardiology, and a Fellow of the American College of Chest Physicians, and Governor for Ohio in the latter College. He was the first President of the Central Ohio Heart Association and was Chairman of its Board of Directors for a number of years. He was past President and a member of the Board of Trustees of the Ohio State Heart Association, receiving the Certificate of Meritorious Achievement in recognition of his leadership. He was one of the organizers and always a strong supporter of the American Heart Association, having been awarded its Distinguished Achievement Medal.

March 10, 1966 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

C. Ray William Kissane (continued)

Since his first publication in 1928, he was a steady contributor to the cardiac medical literature.

Always impatient with what he felt might be delaying tactics and with a rugged individualism, Dr. Kissane made a real impact on cardiologic research and practice locally and nationally. Diseases of the heart are now receiving their rightful emphasis due to men like Dr. Kissane, who pioneered the earlier scientific approaches to a better understanding and control of the cardiovascular system. He lived to see the beginning fruition of the seeds he helped to plant.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees.

D. Clifford C. Sherburne

The Board of Trustees expresses its sorrow at the death on November 13, 1965, of Clifford C. Sherburne, Clinical Professor Emeritus in the Department of Medicine.

Dr. Sherburne was born in Newark, Ohio, in 1894. He was graduated from Denison University in 1917; was graduated from the College of Medicine at Washington University in 1921; and spent two years in postgraduate training at Barnes Hospital. He was well prepared for his long service to his patients, to his profession, to his community, and to this University. The record of his service is inscribed in the archives of local, state, and national medical associations and in those of numerous community organizations.

Dr. Sherburne's service to The Ohio State University began in 1931 as Clinical Assistant Instructor. He progressed through the ranks until July 1, 1965; he was named Clinical Professor Emeritus.

Dr. Sherburne is remembered by his students and colleagues with affection and respect for his integrity, his good sense, and his unfailing good humor.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees.

March 10, 1966 meeting, Board of Trustees

XII. RESOLUTIONS IN MEMORIAM (continued)

E. Lawrence Everette Laybourne

The Board of Trustees expresses its sorrow at the death on Thursday, March 3, 1966, of Lawrence Everette Laybourne, Class of 1902 and member of this Board of Trustees from May 14, 1921 through May 13, 1933.

Mr. Laybourne was born in Springfield, Ohio, where he lived a full life of 37 years dedicated to his family, his community, his profession, and his University. He received his LL. B. degree from The Ohio State University in 1902 and his service to his alma mater was continuous and of the highest order. The University has been greatly enriched because of it. He was first appointed as a trustee of the University by Governor Harry L. Davis and was reappointed for two successive terms by Governor A. Vic Donahey and Governor George White. Mr. Laybourne served as Chairman of the Board on three different occasions, and it was during his first Chairmanship that Dr. George W. Rightmire was selected in 1926 to succeed Dr. William Oxley Thompson as President of the University.

Mr. Laybourne's devotion to the University is evidenced by his outstanding attendance record at meetings of the Board during his 17 years of service on the Board. As a trustee in the early 1920's, he gave personal leadership in supporting the University administration and the faculty in organizing The Ohio State University Faculty Club and establishing it in the Administration Building where the Faculty Club was first located. During his last year of service on the Board, he served as its Chairman and was active in promoting and achieving the organization of The Ohio State University Development Fund, the official gift-receiving agency of the University.

Mr. Laybourne's two sons, Everette and Lawrence, received their degrees from The Ohio State University and in both cases it was his highly treasured privilege to sign his sons' diplomas. Both sons are following in their father's tradition of dedicated and faithful service to the University, with Lawrence currently serving as President of The Ohio State University Association. All who knew Mr. Laybourne prized his kindly friendship, respected his wise counsel, and appreciated his loyalty to the people and organizations closest to his heart.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution of sympathy and regret be inscribed upon the minutes of the Board of Trustees and that a copy be sent to his sons, Everette B., B. A. '32 and Lawrence E., B. A. '34.

XII. REPORTS

A. Report on Highlights of Campus Activities

President Fawcett reported to the Board on some of the significant activities of the University during recent weeks. Some references included in the Report, which is filed with the official records of the Secretary, were as follows:

XII. REPORTS (continued)

A. Report on Highlights of Campus Activities (continued)

1. The Ohio State University Development Fund Board has approved the proposal made by Dr. Garrett, Vice President for Research, that ten fellowships in the humanities be authorized for 1966-67.
2. Dr. Stephenson, Executive Director of the Research Foundation, reported that the contract research administered by the Research Foundation totaled \$12,566,518.00 for the 1965 fiscal year. Gross charges to government sponsors on 531 research projects were \$11,779,152.00 and charges to industrial sponsors were \$787,366.00 on 115 projects. A total of 2,810 persons worked on research projects, including 519 faculty, 655 investigators, 721 graduate students, 665 supporting staff, and 250 hourly wage personnel.
3. The University is authorized to award 20 fellowships to experienced secondary school teachers of geography. Ohio State will receive \$2,500.00 for each fellowship, or \$50,000.00, to carry on the program beginning in September. It will extend over four quarters. Fifty proposals were approved out of 992 proposals submitted by 378 colleges and universities.
4. The University honored 505 top-ranking students at the ninth annual President's Scholarship Recognition Dinner on February 22, where Dr. John C. Weaver, Vice President for Academic Affairs and Dean of Faculties, was the speaker.

B. Report on the University's Investment Portfolio

The report on the University's Investment Portfolio dated February 28, 1966, as submitted to the Finance and Investment Committee of the Board of Trustees and distributed to all members of the Board, was ordered to be filed with the official records of the Board.

C. Report Concerning Parking Facilities - Spira Park Garage

Vice President Carson presented the following report:

On June 10, 1965, the Board of Trustees established the presently used parking charges on campus for faculty, students and staff. Based upon these charges, feasibility studies on parking revenue bonds were updated, bond counsel was engaged, and action continued to improve parking facilities.

On April 2, 1965, the University took bids on a garage for parking 830 cars in the Medical Center Area. These bids were received, based upon designs by project architects and engineers. The result of this bidding produced a construction cost of \$2,298 per car and a turnkey cost of \$2,463 per car, which figures were over the estimates and beyond anything that could be financed. In view of this result, it was necessary to reject all bids.

XII. REPORTS (continued)

C. Report Concerning Parking Facilities - Spira Park Garage (continued)

Immediately thereafter, alternative methods of achieving the same or greater capacity in a parking garage were examined. This process brought to light a Spira Park design on which the Austin Company of Cleveland had patents pending and for which they were the sole source of supply. It appeared that this facility could be built for approximately \$1,500 per car space on a turn-key basis. The design had certain additional features which made it attractive, such as, no steep ramps and no pockets which were unusable for parking.

A number of conferences were held between Austin Company representatives and University officials concerning the Spira Park design and their ability to construct it promptly at an economical price.

Having ascertained that the Austin Company design was highly desirable from every point of view, including that of cost, and that they were the sole source through which the Spira Park design could be obtained at the favorable price of approximately \$1,500 per car space, the Board of Trustees on November 5, 1965, adopted a resolution authorizing the University to request permission from the Controlling Board of the State of Ohio to permit the construction of a Spira Park garage through a contract to be negotiated with the Austin Company without competitive bidding. On November 18, 1965, the Controlling Board granted this permission and immediately thereafter the Austin Company proposed a contract with the University at \$1,495 per car space on a turnkey basis, or a saving of some \$968 per car space over the previous bid on the medical ramp, and approximately \$600 per car space compared to standard designs and construction based upon architects' estimates obtained on two 'standard' garages. Standard garages must be used because of space limitations at the Ohio Union location and the Arps Hall location (the Spira Park garage takes more land area than is available at either of the above-mentioned sites.)

On November 18, 1965, James R. Elleman, Secretary of the Mechanical Contracting Industry of Ohio, wrote a letter protesting the procedure, and it was answered on December 1. As a result of this interchange, Mr. Elleman requested and received an opportunity for a conference, which was held at the University on December 6, 1965, and at which Mr. Elleman and Sam Givelber, representing the Mechanical Contracting Industry of Ohio with W. J. Lohr, their attorney, met with Messrs. Carson, Shupe and Lance of the University.

March 10, 1966 meeting, Board of Trustees

XII. REPORTS (continued)

C. Reports Concerning Parking Facilities - Spira Park Garage (continued)

Thereafter, W. J. Lohr, as attorney for the National Electrical Contractors Association, Central Ohio Chapter, in a letter dated December 23, 1965, stated, ' . . . in the event this method of procedure is pursued, we will be constrained to join with others in preventing what we consider to be illegal construction. ' The state statutes pertaining to the Controlling Board's right to authorize such construction have not been challenged before.

Subsequently, conferences involving the attorneys for the Austin Company were held, and a final meeting took place on February 15, 1966, at the University. The Austin Company attorneys stated the Company's position very simply: ' We are contractors interested in building buildings and not in engaging in litigation. '

Accordingly, no contract could be signed for the Spira Park garage and therefore it will be necessary for the University to take bids on new designs through which we will attempt to reduce the cost thereon as much as possible. It appears, however, that as a result of the Mechanical Contractors' attitudes as expressed by Attorney Lohr, who spoke also for the National Electrical Contractors Association, Central Ohio Chapter, added costs for securing the facility will be imposed upon the University and these in turn must be borne by the students, faculty and staff of the University through their payment of parking fees, since financing can only be done through parking revenue bonds. Further, the completion of such a project is thus delayed for at least a year. No bonds can be sold when a threat of suit impends, and no tax monies are available for parking structures.

The University Administration will do everything in its power to keep the costs resulting from new designs as low as possible, but because of the threatened legal action and the understandable unwillingness of the Austin Company to engage in litigation, it appears that delays in completion and added costs will be imposed upon the University.

The Chairman, Mr. Loop, expressed appreciation to Dr. Carson for the detailed report on the status of construction of parking facilities and commented that the Board is saddened because of the hardship and inconvenience which the above reported predicament will have upon the faculty, staff, and students.

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Thereupon the Board adjourned to meet Thursday, April 14, 1966, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

John T. Mount
Secretary

Alan B. Loop
Chairman

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APPENDIX VIII

Degrees Conferred at
THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

March 18, 1966

Page 410 Blank

The Recipient of the Honorary Degree

ROBERTO SÁNCHEZ VILELLA

DOCTOR OF LAWS

Public servant, civil engineer, statesman, efficient administrator, champion of enlightened capitalism, and a sincere idealist dedicated to achieving economic equality, political freedom, and social justice for his people

Roberto Sánchez Vilella, to whom "Pan, Tierra, y Libertad" (Bread, Land, and Liberty) has been a way of life, was elected Governor of the Commonwealth of Puerto Rico in November, 1964. Since his youth he has devoted selfless service toward establishing economic equality and political and social freedom for the Puerto Rican people.

Born in 1913 in Mayaguez, Puerto Rico, he acquired his interest in public service from his father, Luis Sánchez Frasier, who was one of the founders of the Popular Democratic party and later became Vice Speaker of the House of Representatives. Roberto Sánchez Vilella grew up in the political reform movement and played a key role in helping to formulate and carry out major programs of land reform, of raising educational and living standards, and of changing from a rural to an industrial economy and from a colony to a Commonwealth ("Freely Associated State").

Governor Sánchez received his early education in the schools of San Juan and Ponce and was awarded the Bachelor of Civil Engineering degree from The Ohio State University in 1934. During his college years, he was an outstanding student and campus leader as evidenced by his election to Tau Beta Pi, Scabbard and Blade, Theta Xi, and the Council of Fraternity Presidents.

Rejecting attractive offers in the United States, he returned to Puerto Rico after graduation and went to work on economic reconstruction, water resources, and rural electrification. When his party won leadership at the polls in 1940, he was asked to help fulfill party programs through serving successively as: Sub Commissioner of the Interior; Administrator of the Transportation Authority; Administrator of the Capital of Puerto Rico; special assistant to the President of the Senate; resident engineer during the building of what is now the Caribe Hilton Hotel in San Juan; Executive Secretary of Puerto Rico; Secretary of Public Works; Secretary of State; and, last year succeeded Puerto Rico's popular Luis Muñoz Marín as Governor of the Commonwealth.

For years he has been a leading contributor to "Operation Boot-Strap," which has held the attention of the free world as an outstanding example of enlightened capitalism and has changed the former "poorhouse of the Caribbean" to a land of prosperity, high literacy, and stability.

Graduate School

Dean: Richard Armitage

Doctor of Philosophy

- William Raymond Abbott.....Columbus
B.A. (Kenyon College)
Dissertation: Sense Experience in Spinoza's Theory of Knowledge
Field of Specialization: Philosophy
- Alfred Birk Adams.....North Canton
B.S. (Bethany College); M.S. (Michigan State University)
Dissertation: Investigations of a Lactobacillus Inhibitor from Human Saliva
Field of Specialization: Physiological Chemistry
- Benard Harold Anderson.....Greeley, Colo.
B.S., M.Ed. (Colorado State University)
Dissertation: Guidelines for Planning and Conducting Cooperative Work Experience Programs in Vocational Agriculture
Field of Specialization: Agricultural Education
- Henry Wolfgang Babel.....Urbana, Ill.
B.S. (M.E.), M.S. (University of Illinois)
Dissertation: Biaxial Fracture Strength of Brittle Materials
Field of Specialization: Industrial Engineering
- Richard Lawrence Beauchamp.....Massillon
B.S. Met. Engr. (Michigan College of Mining and Technology); M.Sc.
Dissertation: Polarization Characteristics of High-Purity Iron-rich Iron-Chromium-Nickel Alloys in Sulfuric Acid Solutions
Field of Specialization: Metallurgical Engineering
- Parduman Singh Bedi.....Patiala, Punjab, India
B.Sc. in Ag., M.Sc. in Ag. (Punjab University)
Dissertation: Studies on the Biological Control of Verticillium Wilt of Okra
Field of Specialization: Botany and Plant Pathology
- Johanna Schwind Belkin.....Columbus
Dissertation: Beiträge zur Geschichte des Wortes Welt
Field of Specialization: German
- Gereld Stokes Benner.....Columbus, N. C.
B.S. in Chem. (University of North Carolina); M.Sc.
Dissertation: Cobalt (III) and Nickel (II) Complexes of Tris (3-dimethylarsinopropyl) arsine and Tris (3-dimethylarsinopropyl) phosine
Field of Specialization: Chemistry
- Roland Francis Bleiholder.....Floral Park, N. Y.
B.S. (Saint John's University, New York)
Dissertation: I. Capture Reactions of Carbenes by Cumulenes
II. Addition of Azides to Allenes
Field of Specialization: Chemistry

- Dorothy Aitken Bohn.....Zanesville
 B.S. in Ed. (College of Saint Mary of the Springs); M.A.
Dissertation: A Sociological Study of Some Newspaper Reporting of the March on Washington
Field of Specialization: Sociology
- Richard William Bowers.....Columbus
 B.Sc. in Edu., M.A.
Dissertation: Determination of the Effects of Various Helium-Oxygen and Air Environments upon Metabolic and Thermal Responses in Man
Field of Specialization: Physiology
- Charles Herbert Brenner.....Buffalo, N. Y.
 B.S., M.S. (University of Buffalo)
Dissertation: A Coherent Transmitting Array Using Conjugate Phasing and Beam Tagging
Field of Specialization: Electrical Engineering
- Prasenjit Chakravarty.....West Bengal, India
 B.Sc., M.Sc. (University of Calcutta)
Dissertation: I. Synthesis of Derivatives of 2,6-Diamino-2,6-Dideoxy-D-Mannose and 2-Amino-3,6-Anhydro-2-Deoxy-D-Mannose II. Amino Derivatives of Starches. Attempted Synthesis of 2-Amino-3,6-Anhydro-2-Deoxyamyllose and Degradative Experiments on N-Acetyl Aminated Amylose
Field of Specialization: Chemistry
- Emery Swinford Conyers.....Lexington, Ky.
 B.S. in Agr. (University of Kentucky); M.Sc.
Dissertation: Release of Potassium from Soils and Clays by Plant and Chemical Extractions and the Effect on Clay Mineral Structure
Field of Specialization: Agronomy
- Lorraine Carolyn Dahlke.....Athens
 B.A. (University of Wisconsin); B.A. (University of Minnesota); M.S. (State University of Iowa)
Dissertation: The Changes in the Lipid Components of Broccoli as the Result of Various Heat Treatments
Field of Specialization: Home Economics
- Bernard John Darré, Jr.....New Orleans, La.
 B.S. (Tulane University)
Dissertation: Attempted Syntheses of 1, 5-Napthoquinones, the 3,2,1-Bicyclic Mechanism, and the Deuterium Exchange of α -Diazoketones
Field of Specialization: Chemistry
- Dale Andrew Denny.....Columbus
 B.Ch.E., M.Sc.
Dissertation: Kinetic Interpretation of Non-Newtonian Flow: Transient Studies
Field of Specialization: Chemical Engineering
- Phillip Edward Fraley.....Lewisburg
 B.Sc. in Phys., M.Sc.
Dissertation: The γ_1 and γ_3 Bands of H₂¹⁶O and H₂¹⁸O
Field of Specialization: Physics

- Louis Lance Gold.....Coraopolis, Pa.
 B.S., M.Ed. (University of Pittsburgh)
Dissertation: Verbal Interaction Patterns in the Classrooms of Selected Science Teachers: Biology
Field of Specialization: Education
- Eugene Frederick Grape.....Brooklyn, N. Y.
 A.B. (Brooklyn College); M.B.A.
Dissertation: Retailer-owned Cooperative Wholesaling in the Hardware Trade
Field of Specialization: Business Organization
- John Wesley Gray.....Lincoln, Nebr.
 B.Sc. in E.E. (University of Nebraska); M.E.E. (New York University)
Dissertation: Analysis and Measurement of the Small-Signal Gain of a GaAs Brewster Angle Light Amplifier as a Function of Current
Field of Specialization: Electrical Engineering
- Philip A. Gray.....Bellville
 A.B. (Ohio Northern University); M.A.
Dissertation: Deviation as a Signal of the Existence of Conflict
Field of Specialization: Speech
- John Amos Grove.....North Jackson
 B.Sc. in Agr., M.Sc.
Dissertation: Studies on the Nature of the Inhibition of β -Hydroxybutyrate Oxidation in Liver Cell Fractions from Rats Deficient in Vitamin E
Field of Specialization: Animal Science
- Rodney Frederic Brandon Harris-Lowe.....Cooksville, Ont., Canada
 B.Sc. (Hons) (Queen's University)
Dissertation: Helium Film Transfer 0.4° K to the λ Point
Field of Specialization: Physics
- Anne Yue Hashimoto.....Hong Kong, China
 B.A. (Hons) (University of Hong Kong); M.A. (University of Texas)
Dissertation: Embedding Structures in Mandarin
Field of Specialization: Linguistics
- David Francis Heimann.....Fresno, Calif.
 A.B. (Pontifical College Josephinum)
Dissertation: Latin Word Order in the Writings of St. Jerome: *Vita Pauli, Vita Malchi, Vita Hilarionis*
Field of Specialization: Classical Languages
- Edward Allan Hiler.....Harrison
 B.Agr.E., M.Sc.
Dissertation: Electrokinetic Movement of Suspended Colloids in a Flowing Medium
Field of Specialization: Agricultural Engineering
- Paul Thomas Hill.....Columbus
 B.Sc. in Edu., M.A.
Dissertation: Religion in the Classroom: A Silhouette Comparison of Group Attitudes Relative to the Informal Versus Formal Teaching Approach in the Public School
Field of Specialization: Education

- Rollin Earl Hook**.....Dayton
 B.S.Met.E. (Purdue University); M.Sc.
Dissertation: The Deformation Behavior of Bicrystals of Fe-3% Si
Field of Specialization: Metallurgical Engineering
- William Baxter Joyce**.....Hamilton
 B.Eng.Phys. (Cornell University)
Dissertation: Macroscopic Master Equation
Field of Specialization: Physics
- Dharam Sarup Kalra**.....Hissar, India
 B.V.Sc., M.V.Sc. (University of the Punjab)
Dissertation: Studies on the Estimation of Catalase Activity in Milk, with Particular Reference to Its Application as a Screening Test in Bovine Mastitis and Milk Quality Control
Field of Specialization: Veterinary Preventive Medicine
- John Poong-Kil Kim**.....Seoul, Korea
 B.S. (John Carroll University)
Dissertation: The Mode of Solvation of Anilinium Salts
Field of Specialization: Chemistry
- Arthur Francis LeBlanc**.....Columbus
 B.A. (Norwich University); M.Ed. (Boston College)
Dissertation: Orientation and Estimation of Time as a Function of Age
Field of Specialization: Psychology
- Donald Dean Leopard**.....Buffalo, N. Y.
 B.S. in Ed. (University of Dayton); M.A. (University of New Mexico)
Dissertation: The French Conquest and Pacification of Madagascar, 1885-1905
Field of Specialization: History
- David Jenkins McCaa**.....Glenside, Pa.
 B.S. (Franklin and Marshall College); M.S. (University of Delaware)
Dissertation: The Infrared Absorption Bands of Ozone
Field of Specialization: Physics
- Upendra Narayan Mishra**.....Jagdispur, Bihar, India
 B.Sc. (Bihar University); M.Sc.
Dissertation: The Influence of Partial Steam Sterilization on the Release of Several Forms of Manganese in Some Soils Commonly Used by Ohio Greenhouse Growers
Field of Specialization: Horticulture
- Gerald Prescott Morie**.....Wellsville, Mo.
 B.S. (Central Missouri State College); M.Sc.
Dissertation: Solvent Extraction, Gas Chromatographic, and Spectroscopic Studies of Some Metal Fluoroacetylacetonates
Field of Specialization: Chemistry
- Syed Khawja Mowdood**.....Karachi, Pakistan
 B.Sc. (Hons), M.Sc. (University of Karachi)
Dissertation: Part I: The Alkaloids of Tabernaemontana laurifolia
Part II: The Glycosides of Ornithogalum umbellatum
Field of Specialization: Chemistry

- Nelson Peter Mwanza.....Zomba, Malawi, Africa
 B.Sc. (University of London); M.Sc.
Dissertation: Viruses as Predisposing Factors in the Susceptibility of Corn and Wheat Plants to Other Pathogens
Field of Specialization: Botany and Plant Pathology
- Gunars Karlis Neiders.....Dunkirk
 B.E.E., M.Sc.
Dissertation: A Learning Procedure for the Generation of Value Functions Based upon Incomplete Binary Comparisons
Field of Specialization: Electrical Engineering
- John Edmondson Norvell III.....Columbus
 B.S. (Morris Harvey College); M.S. (West Virginia University)
Dissertation: A Study of the Aorticorenal Ganglion
Field of Specialization: Anatomy
- Roger Sam Pankratz.....Hillsboro, Kans.
 A.B. (Tabor College, Kansas); M.S. (Kansas State Teachers College)
Dissertation: Verbal Interaction Patterns in the Classrooms of Selected Science Teachers: Physics
Field of Specialization: Education
- Thomas Alan Petrie.....Columbus
 B.A. (Otterbein College); M.A. (Kent State University)
Dissertation: Change in Organizational Climate after Leader Succession
Field of Specialization: Education
- Robert Conrad Schwyn.....Toledo
 B.Sc., M.Sc.
Dissertation: An Autoradiographic Study of Neuroglia
Field of Specialization: Anatomy
- James Floyd Scott.....Burlington, N. J.
 A.B. (Harvard University)
Dissertation: Infrared Absorption Bands of Acetylene
Field of Specialization: Physics
- Darrell George Simko.....Lakewood
 B.S., M.A. (Western Reserve University)
Dissertation: The Effects of Phicon upon Ligamentous Healing in Rats
Field of Specialization: Physical Education
- Shashikant Keshavlal Sonawala.....Bombay, India
 B.Ch.E. (University of Bombay); M.Sc.
Dissertation: A Kinetic Study of Second-Order Chemical Reaction in Steady and Transient Tank Flow Systems
Field of Specialization: Chemical Engineering
- Paul Ronald Stephenson.....Leavenworth, Ind.
 B.S. in Bus. (Indiana University); M.B.A.
Dissertation: Post-Purchase Economic Attitude Change: A Dissonance Analysis
Field of Specialization: Business Organization

- Sami Jamil Talhouk.....Aley, Lebanon
 B.A. (American University of Beirut); M.S. (Southern Methodist University)
Dissertation: An Investigation of Structure in Para-and Ortho-Liquid Deuterium by Neutron Scattering
Field of Specialization: Chemistry
- Prem Chand Thapan.....Nagina, India
 B.Sc. in Ag. (University of Allahabad); M.Sc. in Ag. (Agra University)
Dissertation: Index Selection as a Method of Estimating Breeding Value in Targhee Sheep
Field of Specialization: Animal Science
- Lorraine Eugenia Trojan.....Bayonne, N. J.
 B.S. (Pratt Institute); M.S. (University of Massachusetts)
Dissertation: The Effect of Essential Fatty Acid Deficiency in Rats on Membrane Associated Reactions
Field of Specialization: Physiological Chemistry
- Joseph Francis Weiss.....Moosic, Pa.
 B.S. (University of Scranton); M.Sc.
Dissertation: Studies on the Effect of Dietary Factors and Drugs on Cholesterol Metabolism in the Hen
Field of Specialization: Physiological Chemistry
- Frank Victor Zalar.....Cleveland
 B.S. (John Carroll University)
Dissertation: Some Reactions of Non-Enolizable Ketones with Base
Field of Specialization: Chemistry
- †Lawrence Alfred Zinn.....Vermilion
 B.S. in Edu., M.Ed. (Wittenberg University)
Dissertation: Role Dimensions of the Administrative Assistant to the Superintendent, Related to the Organizational Climate of the Central Office, in Selected Ohio School Districts
Field of Specialization: Education
 (Fifty-four candidates)

Master of Accounting

- Hobert Gerald Icenhower.....Alexandria
 B.Sc. in Bus.Adm.
Field of Specialization: Accounting
- Peter Richard Mushinko.....Euclid
 B.S. (Pennsylvania State University)
Field of Specialization: Accounting
- David Lewis Rogers.....Columbus
 B.Sc. in Bus.Adm.
Field of Specialization: Accounting
- Howard Sanders.....Philadelphia, Pa.
 B.S. (Temple University)
Field of Specialization: Accounting
 (Four candidates)

† Degree granted in cooperation with Miami University

Master of Arts

- Lucille Smith Alexander..... Columbus
B.S. in Ed. (West Virginia State College)
Field of Specialization: Education
- Luella Knight Alexander..... Columbus
B.A. (Colorado College)
Field of Specialization: Sociology
- Richard Anthony Amorose..... Dublin
B.Sc. in Edu.
Field of Specialization: Physical Education (Health Education)
- Mary Jane Mulholland Angus..... St. Albans, W. Va.
A.B. (West Virginia University)
Field of Specialization: Romance Languages (French)
- Gerald Lee Annis..... Waverly
B.Sc. in Edu.
Field of Specialization: Education
- Ghazi Mohamed Rifat Audeh..... Amman, Jordan
B.Sc. (Cairo University)
Field of Specialization: Education
- Robert Lee Biggs..... Martins Ferry
B.Sc. in Edu.
Field of Specialization: Education
- Janet Knecht Black..... Delaware
B.S. in Ed. (Otterbein College)
Field of Specialization: Education
- Carl Edward Bobo, Jr..... Columbus
B.Sc. in Edu.
Field of Specialization: Education
- Herman W. Brown..... Columbus
B.Sc. in Edu.
Field of Specialization: Education
- Charles Allen Buffham..... Grand Rapids, Mich.
B.Sc. in Edu., B. Mus.
Field of Specialization: Music
- James Osmer Carpenter..... Lansing, Mich.
B.A. (Michigan State University)
Field of Specialization: Sociology
- Albert McLaurin Cawood..... Harlan, Ky.
B.A. (Union College)
Field of Specialization: Journalism
- Constance Karen Cline..... New Matamoras
B.S. (Marietta College)
Field of Specialization: Education

- Roberta Decker Cook.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Gail Junior Cooperrider.....Thornville
 B.S. (Capital University)
Field of Specialization: Education
- Julia Colby Davison.....Granville
 B.M. (Syracuse University)
Field of Specialization: Psychology
- Samuel Edward Durbin.....Columbus
 A.B. (College of Saint Charles Borromeo)
Field of Specialization: Education
- George Richard Eaton.....Columbus
 B.Sc. in Edu.
Field of Specialization: Physical Education
- Esteban Rafael Egea.....Barranquilla, Colombia, S. A.
Field of Specialization: Romance Languages (Spanish)
- Gary Wray Ervin.....Wheelersburg
 B.S. (Rio Grande College)
Field of Specialization: Education
- Donald Franklin Fought, Jr.....Oak Harbor
 B.A. (Kent State University)
Field of Specialization: Slavic Languages
- Darlene Janice Freeman.....Belmont
 B.Sc. in Edu.
Field of Specialization: Music
- Donald Lewis Fritz.....Reynoldsburg
 A.B. (Capital University); B.D. (Evangelical Lutheran Theological
 Seminary)
Field of Specialization: Speech
- Mary Trabue Fuller.....Columbus
 B.Sc. in H.E.
Field of Specialization: Education
- James Richard Gordon.....Rochester, N. Y.
 B.S. in Jour. (Bowling Green State University)
Field of Specialization: Journalism
- Anna Beatrice Griebing.....Lexington
 A.B. (Miami University)
Field of Specialization: Sociology
- Lee Earl Grugel.....Columbus
 B.A.
Field of Specialization: History
- Richard Paul Haight.....Columbus
 B.A.
Field of Specialization: English

- Raymond Michael Haines.....New Carlisle
 A.B. (Hiram College)
Field of Specialization: English
- James Walter Hilty.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Rose Elizabeth Houck.....Springfield
 B.Sc. in Edu.
Field of Specialization: Speech
- Gary Eugene Huffman.....Manchester, Mo.
 B.S. (Southeast Missouri State Teacher's College)
Field of Specialization: Education
- Betty Ruth Hursh.....Bowling Green
 B.A.
Field of Specialization: Romance Languages (French)
- Floren Virgil James.....North Baltimore
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Robert William Jericho.....Lakewood
 A.B. (Baldwin-Wallace College)
Field of Specialization: Education
- Mary Will Kilpatrick.....Columbus
 B.S. in Ed. (Capital University)
Field of Specialization: Education
- Charles Thomas Knight.....Columbus
 B.A. (Marshall University)
Field of Specialization: Education
- Thomas Orval Kraner.....Columbus
 B.Sc., B.Sc. in Edu.
Field of Specialization: Education
- Judith Elaine Kreitzer.....Dayton
 B.S. (Manchester College)
Field of Specialization: Education
- Hector de Asis Lavernia.....Camaguey, Cuba
Field of Specialization: Education
- Mildred Huss LoPopolo.....Bayside, N. Y.
 A.B. (Queens College)
Field of Specialization: Psychology
- James Allen Martin, Jr.....Montpelier
 B.F.A.
Field of Specialization: Art
- Richard Eugene Mayhew.....Newark
 B.S.Ed. (Ohio University)
Field of Specialization: Education

- Helen Garrison McLaughlin.....New York, N. Y.
 B.A. (Swarthmore College)
Field of Specialization: Psychology
- Howard Owen Merriman.....Columbus
 B.S. in Bus. (Miami University); B.Sc. in Edu.
Field of Specialization: Education
- Richard Wagner Miller.....Columbus
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- John Richard Morison.....Columbus
 B.A.
Field of Specialization: Speech
- Byron Eugene Morris.....Wooster
 B.A. (College of Wooster)
Field of Specialization: Political Science
- Jere Lynn Morrow.....Wellston
 B.A., B.Sc. in Edu.
Field of Specialization: English
- Richard Joseph Napoli.....Marion
 B.Sc.
Field of Specialization: Psychology
- Evelyn Roland Nateman.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Robert White Nick.....Fairborn
 B.B.A. (University of Mississippi)
Field of Specialization: Economics
- Mary Lou Dumbauld Niple.....Columbus
 B.A.
Field of Specialization: Psychology
- Charles Russell Osborne.....Waldo
 B.Sc. in Edu.
Field of Specialization: Education
- William Frank Panic.....Chicago Heights, Ill.
 B.A. (Elmhurst College)
Field of Specialization: Romance Languages (French)
- Linda Brown Pearce.....Worthington
 B.S. (Purdue University)
Field of Specialization: Psychology
- Roger Alan Plumskey.....Johnsonburg, Pa.
 B.A. (Thiel College)
Field of Specialization: English
- Helmut Herbert Riemer.....Dayton
 B.S. (University of Rochester); B.D. (Colgate Rochester Divinity School)
Field of Specialization: Psychology

- Thomas Edward Rinkevich.....Grand Rapids, Mich.
 B.A. (Xavier University)
Field of Specialization: Classical Languages (Latin)
- Margaret Sweitzer Rose.....Hartville
 B.S. in Edu. (Kent State University)
Field of Specialization: Education
- Walter John Schrof.....Cincinnati
 A.B. (Capital University)
Field of Specialization: Education
- Mary Jo McClain Seyler.....Lubbock, Tex.
 B.A. (Texas Technological College)
Field of Specialization: Sociology
- Carole Anita Simpson.....Brooklyn, N. Y.
 B.S. (Brooklyn College)
Field of Specialization: Physical Education
- Carol Ann Skeen.....Bellefontaine
 B.Sc. in Edu.
Field of Specialization: Physical Education
- Nancy Knapp Spain.....Columbus
 B.A. (Ohio Wesleyan University)
Field of Specialization: Education
- William Harvey Sproat.....Magnolia
 B.Sc. in Edu.
Field of Specialization: Education
- Muriel Reider Sredl.....Irvington, N. J.
 B.S. (New York University)
Field of Specialization: Education
- Robin Diane Staley.....Frederick, Md.
 B.S. (University of Maryland)
Field of Specialization: Physical Education
- Marcia Lynn Stevenson.....Springfield
 B.Sc. in Edu.
Field of Specialization: Speech
- Michael Henry Strub.....Springfield, Va.
 B.A. (Fordham University)
Field of Specialization: Psychology
- Sandra Jean Styer.....Canton
 B.S. in Edu. (Kent State University)
Field of Specialization: Education
- Roberta Myers Sunbury.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Ted LeRoy Swensen.....Lebanon, Ore.
 B.S. (Oregon College of Education)
Field of Specialization: Education

- Richard Salway Tuttle.....Cincinnati
 B.A. (Kenyon College)
Field of Specialization: Journalism
- Judith Ellen McEvoy Vierow.....Tulsa, Okla.
 B.F.A. (University of Oklahoma)
Field of Specialization: Art
- Horace S. Ward, Jr.....London
 A.B. (Cedarville College) ; B.S. in Edu. (Central State College)
Field of Specialization: Education
- Raymond Henry Wehner.....Cleveland
 B.Sc. in Bus. Adm.
Field of Specialization: Speech
- Sandra Lee Wiandt.....Coshocton
 B.Sc. in Edu.
Field of Specialization: Education
- Robert Carl Williges.....Chattanooga, Tenn.
 A.B. (Wittenberg University)
Field of Specialization: Psychology
- Donna Marie Wolfe.....San Francisco, Calif.
 B.A. (Otterbein College)
Field of Specialization: Romance Languages (French)
- Dan Eugene Yoder.....Wooster
 B.A. (College of Wooster)
Field of Specialization: Romance Languages (French)
 (Eighty-two candidates)

Master of Business Administration

- J. Allen Biggs, Jr.....Grove City
 B.S. in I.E. (Illinois Institute of Technology)
Field of Specialization: Business Organization
- Roderick Carlisle Campbell.....Brisbane, Australia
 B. Econ., (University of Queensland)
Field of Specialization: Business Organization
- Sanford David Cohen.....Middletown
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- David Albert Danielson.....New Britain, Conn.
 B.A. in Ed. (Marietta College)
Field of Specialization: Business Organization
- David James Gojdics.....Warren
 B.M.E. (General Motors Institute)
Field of Specialization: Business Organization
- Bruce Gordon Hawthorne.....Lynbrook, N. Y.
 B.S. (Marietta College)
Field of Specialization: Business Organization

- James Rodney Heinrich.....Chillicothe
 B.S.M.E. (Ohio University)
Field of Specialization: Business Organization
- James Edward Inman.....Lorain
 A.B. (Baldwin-Wallace College)
Field of Specialization: Business Organization
- Robert Stanton Kohn.....Columbus
 B.S.M.E. (Illinois Institute of Technology)
Field of Specialization: Business Organization
- Robert Loar.....Westerville
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Robert Gene Lynch.....West Farmington
 B.Sc. in Agr.
Field of Specialization: Business Organization
- David Edward Mahanna.....Columbus
 B.I.E.
Field of Specialization: Business Organization
- Robert Charles Massa.....Mansfield
 B.M.E. (General Motors Institute)
Field of Specialization: Business Organization
- George Fleming Medill, III.....Toledo
 B.M.E. (Cornell University)
Field of Specialization: Business Organization
- Richard Biddle Meredith.....Belpre
 B.S. (United States Naval Academy)
Field of Specialization: Business Organization
- Carmine Thomas Oliva.....Irvington, N. J.
 B.A. (Seton Hall University)
Field of Specialization: Business Organization
- Orel Lee Plummer.....Grayson, Ky.
 B.S. in Agr. (University of Kentucky)
Field of Specialization: Business Organization
- Fredrick Elmer Portner.....Cincinnati
 B.C.E., M.Sc
Field of Specialization: Business Organization
- Errol Clark Sambuco.....Dillonvale
 B.I.E.
Field of Specialization: Business Organization
- Farouk Abd El Moneim Sayed Saleh.....Cairo, Egypt
 B.Com. (Ain Shams University)
Field of Specialization: Business Organization
- John Thomas Schira.....Columbus
 B.S.C.E. (Purdue University)
Field of Specialization: Business Organization

- David William Schumaker.....Columbus
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Donald Lee Sexton.....Portsmouth
 B.S. (Wilmington College)
Field of Specialization: Business Organization
- William John Shea.....Elyria
 B.S. (Marietta College)
Field of Specialization: Business Organization
- William Ellison Smith.....Pittsburgh, Pa.
 B.S. in Met. E. (Lehigh University)
Field of Specialization: Business Organization
- Daniel Evan Strayer.....Fairborn
 B.A. (Ohio Wesleyan University)
Field of Specialization: Business Organization
- Thomas Michael Sullivan.....Columbus
 B.S.M.E. (Purdue University)
Field of Specialization: Business Organization
- Jack Weinberg.....Akron
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Frank Siewert Wierman.....Waldo, Wis.
 B.G.E. (University of Omaha)
Field of Specialization: Business Organization
- John Heath Woodrow.....Fairborn
 B.A.Sc. (University of Toronto)
Field of Specialization: Business Organization

(Thirty candidates)

Master of Education

- Harry Howard Scofield.....Columbus
 B.S. (Gallaudet College, Washington, D. C.)
Field of Specialization: Education
 (One candidate)

Master of Medical Science

- Gilbert Smolin.....Columbus
 B.S. (Brooklyn College) ; M.D. (State University of New York)
Field of Specialization: Ophthalmology
 (One candidate)

Master of Music

- Eleana Paz de Aparicio.....Lima, Peru
Field of Specialization: Music
- Claudia Davis Grayson.....Grove City
 B.M. (Miami University)
Field of Specialization: Music

Ellen Connie Miller.....Worthington
 B. Mus.
Field of Specialization: Music
 (Three candidates)

Master of Science

Robert Shaw Allen.....Winter Park, Fla.
 B.C.E. (University of Florida)
Field of Specialization: Geodetic Science

Ronald David Allowitz.....Kettering
 B.Sc. in Agr.
Field of Specialization: Botany and Plant Pathology

David Robert Ames.....New Burlington
 B.Sc. in Agr.
Field of Specialization: Animal Science

Roberto Saman Atuan.....Tegucigalpa, Honduras
 Ing.Civil (National University of Honduras)
Field of Specialization: Civil Engineering

Robert Duane Baer.....Mansfield
 B.S. (Wittenberg University)
Field of Specialization: Mathematics

Gordon Lawrence Barnes.....Jackson, Mich.
 B.S. (University of Michigan)
Field of Specialization: Geodetic Science

Alfred Jay Baxter.....Van Wert
 B.Sc. in Agr.
Field of Specialization: Agricultural Education

Charles William Bierly, Jr.....Jersey Shore, Pa.
 B.S. (Pennsylvania State University)
Field of Specialization: Engineering Mechanics

Charles Leon Blackburn.....Columbus
 B.S. in M.E. (University of Kentucky)
Field of Specialization: Engineering Mechanics

Naomi Humm Blodgett.....Jeromesville
 B.Sc. in H.E.
Field of Specialization: Home Economics

James Veryl Braun.....Baraboo, Wis.
 B.S. (University of Wisconsin)
Field of Specialization: Chemical Engineering

James Glenn Burch.....Mt. Vernon
 D.D.S.
Field of Specialization: Anatomy

- Donald Stanley Church.....Cayce, S. C.
 B.S. (University of South Carolina)
Field of Specialization: Electrical Engineering
- Mary Ellen Clay.....Freeport
 B.S. (Muskingum College)
Field of Specialization: Entomology
- Gwenzora Crawford Cooke.....West Jefferson
 B.Sc. in H.E.
Field of Specialization: Home Economics
- Jerry Logan Crist.....Ada
 B.S. (Ohio Northern University)
Field of Specialization: Chemistry
- Joseph Jed Dale.....Garden City, Kans.
 B.S. (United States Air Force Academy)
Field of Specialization: Physics
- Dorothy Elaine Darling.....Havre, Mont.
 B.S. (Montana State College)
Field of Specialization: Chemistry
- Subhan Chander Datt.....Dehra Dun, India
 B.V.Sc. (Punjab University)
Field of Specialization: Veterinary Surgery
- Barbara Kay Dommert.....Baytown, Tex.
 B.S. in H.Ec. (Stephen F. Austin State College)
Field of Specialization: Home Economics
- James Warren Earhart.....Columbus
 B.A.
Field of Specialization: Engineering Mechanics
- Charlotte Davis Ebersole.....Dayton
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Erich Lee Eggers.....Milton-Freewater, Ore.
 B.S.Ch.E. (University of Colorado)
Field of Specialization: Chemical Engineering
- Adel El-Sayed Ibrahim El-Habet.....Alexandria, Egypt
 B.Sc. (Alexandria University)
Field of Specialization: Physiological Chemistry
- Richard Ballard Farison.....McClure
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Paul Edward Fehlau.....Cleveland Heights
 B.Sc. in Phys.
Field of Specialization: Physics
- James Edward Ferrier.....Columbus
 A.B. (Indiana University)
Field of Specialization: Mathematics

- Parviz Forootan-Rad.....Tehran, Iran
 B.E. (University of Tehran)
Field of Specialization: Civil Engineering
- Walter John Frank, Jr.....Elizabeth, N. J.
 B.S. (Rutgers University)
Field of Specialization: Pharmacy
- David Joe George.....Columbus
 B.Sc. in Phar.
Field of Specialization: Pharmacy
- John Joseph Giangardella.....Niles
 B.E. in Elect. Engr. (Youngstown University)
Field of Specialization: Electrical Engineering
- Donald Robert Goldberg.....Columbus
 B.S. (Aero. Engr.) (University of Illinois)
Field of Specialization: Aeronautical and Astronautical Engineering
- Matthew John Golis.....Dumont, N. J.
 B.E.E.
Field of Specialization: Electrical Engineering
- Melvin McNeal Grantham, Jr.....Columbus
 B.S.C.E. (University of Mississippi)
Field of Specialization: Civil Engineering
- George William Haering.....Fairborn
 B.S. (University of Buffalo)
Field of Specialization: Mechanical Engineering
- Larry Roger Hertzog.....Mertztown, Pa.
 B.S. in E.E. (Pennsylvania State University)
Field of Specialization: Electrical Engineering
- Josephine Therese Hickey.....Cleveland
 B.Sc. in Nurs.
Field of Specialization: Nursing
- William Mack Hill II.....Parkersburg, W. Va.
 B.S. (Wheeling College)
Field of Specialization: Mathematics
- Russell Alan Hixon.....Youngstown
 B.S. in Edu., A.B. (Wittenberg University)
Field of Specialization: Mathematics
- Theodore Ralph Huter.....Columbus
 D.D.S.
Field of Specialization: Dentistry
- Vanrob Isrankura.....Bangkok, Thailand
 B.A. Econs. (Thammasat University)
Field of Specialization: Agricultural Economics and Rural Sociology
- John DeWitt Jacob.....Columbus
 D.D.S.
Field of Specialization: Dentistry

- Lamont Terry Jacobs.....Youngstown
 B.S. (Ohio University) ; D.D.S.
Field of Specialization: Dentistry
- Eugene Lawrence Jarrett.....St. Albans, W. Va.
 B.S.Ch.E. (West Virginia University)
Field of Specialization: Chemical Engineering
- Paul Alwin Kammer.....Columbus
 B.Met.E. (Rensselaer Polytechnic Institute)
Field of Specialization: Metallurgical Engineering
- Harry Stephen King.....Dayton
 B.S. (Stanford University)
Field of Specialization: Electrical Engineering
- James Summers Knox.....Dover, Del.
 B.S. (United States Military Academy)
Field of Specialization: Chemical Engineering
- Gary Freeman Larkin.....Massillon
 B.Sc.
Field of Specialization: Microbiology
- Marklin Francis Lasker.....Jupiter, Fla.
 B.S. in Met. Eng. (University of Alabama)
Field of Specialization: Metallurgical Engineering
- James Andree Libby.....Minneapolis, Minn.
 B.S., D.V.M. (University of Minnesota)
Field of Specialization: Veterinary Preventive Medicine
- James Henry Limbird.....Milan
 B.Sc. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology
- Linda Sue Lowe.....Princeton, W. Va.
 B.S.Ch.E. (West Virginia University)
Field of Specialization: Chemical Engineering
- Kervyn Duane Mach.....Dayton
 B.S. (South Dakota State College of Agriculture and Mechanic Arts)
Field of Specialization: Mechanical Engineering
- Charles Arthur MacMillan.....Jackson
 B.S. in Met.E. (University of Notre Dame)
Field of Specialization: Metallurgical Engineering
- Sondra Lee Maksim.....Canfield
 B.Sc.
Field of Specialization: Microbiology
- Arlan Warren Mantz.....Slatington, Pa.
 A.B. (Catawba College)
Field of Specialization: Physics
- James Lee Mark.....Columbus
 B.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering

- Allan Henry Markowitz.....Los Angeles, Calif.
A.B. (University of California, Los Angeles)
Field of Specialization: Astronomy
- Ernest Arthur Martin.....Worthington
B.S. (Pennsylvania State University)
Field of Specialization: Industrial Engineering
- Bruce May.....Cincinnati
B.Sc.
Field of Specialization: Zoology
- David Warren McAnaney.....Wooster
B.C.E.
Field of Specialization: Civil Engineering
- Lee Errett McDonald.....Glouster
A.B. (Ohio University); D.D.S.
Field of Specialization: Dentistry
- John Henry Miller.....Newark
B.Ch.E. (University of Dayton)
Field of Specialization: Chemical Engineering
- Paul Richard Miller.....East Orange, N. J.
B.S.E.E. (University of Detroit)
Field of Specialization: Electrical Engineering
- Robert Kittredge Mitchell.....Columbus
Mech.Engr. (University of Cincinnati)
Field of Specialization: Mechanical Engineering
- David Howard Murray.....Whiterocks, Utah
B.Sc. in Agr.; D.D.S. (Washington University)
Field of Specialization: Dentistry
- Helen Cynthia Nicholson.....Pleasant City
B.S. (Ohio University)
Field of Specialization: Home Economics
- Edwin Herman Otte.....Defiance
B.Sc. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology
- JoAnn Ellen Pikal.....Lima
B.Sc. in Agr.
Field of Specialization: Animal Science
- Allen Judson Pope.....Olla, La.
B.S. (Louisiana State University)
Field of Specialization: Geodetic Science
- Anand Prakash.....Tapi Baon, Jodhpur India
B.V.Sc. and A.H. (University of Rajasthan)
Field of Specialization: Animal Science
- Hans Dieter Preuss.....Munich, Germany
B.Sc.
Field of Specialization: Geodetic Science

- Stephan Donald Price.....Sepulveda, Calif.
 A.B. (University of California, Los Angeles)
Field of Specialization: Astronomy
- Patricia Ann Ralicki.....Pittsburgh, Pa.
 B.A. (Saint Mary's College)
Field of Specialization: Mathematics
- Everett Harding Ramey.....Columbus
 B.S.C.E. (Indiana Technical College)
Field of Specialization: Geodetic Science
- Andrew George Repjar.....Medina
 B.E.E.
Field of Specialization: Electrical Engineering
- James Franklin Rhodes.....Cleveland
 B. Chem. E. (University of Detroit)
Field of Specialization: Ceramic Engineering
- Thomas Alan Rudy.....Columbus
 B.Sc. in Phar.
Field of Specialization: Pharmacy
- Djoko Walijatun Sastroedirdjo.....Magelang, Indonesia
 B.Sc. (Universitas Gadjah Mada)
Field of Specialization: Geodetic Science
- Theodore Joseph Schoenbeck.....Cleveland
 B.Sc. in Phys.
Field of Specialization: Physics
- Gerald Irwin Shapiro.....Columbus
 B.E.E.
Field of Specialization: Electrical Engineering
- Richard Lee Shew.....Massillon
 B.Sc. in Agr.
Field of Specialization: Zoology
- Howard Russell Showalter.....Belmont
 B.Sc. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology
- James David Sipes.....Galion
 B.E.E.
Field of Specialization: Electrical Engineering
- Dean Sutherland Skelley.....Melrose, Mass.
 B.S. (Bates College)
Field of Specialization: Physiology
- John Thomas Skinner.....Columbus
 B.A., D.D.S.
Field of Specialization: Dentistry
- Clarence Mitchell Smith.....Columbus
 B.M.E.
Field of Specialization: Mechanical Engineering

- James Loring Smith.....Columbus
 B.Sc. in Phys.
Field of Specialization: Mechanical Engineering
- Judith Ann Smith.....Zanesville
 B.Sc.
Field of Specialization: Mathematics
- Mary Louise Ehnott Soffa.....West Mifflin, Pa.
 B.S. (University of Pittsburgh)
Field of Specialization: Mathematics
- Dean David Sommers.....Walled Lake, Mich.
 B.S. (Huntington College, Indiana)
Field of Specialization: Mathematics
- William Joseph Spain.....Columbus
 B.Sc. in Food Tech.
Field of Specialization: Horticulture
- Rodney Dean Spohn.....Somerset
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Leonard Paul Sternbach.....Brooklyn, N. Y.
 A.B. (Brooklyn College)
Field of Specialization: Mathematics
- Daniel Richard Sukis.....Laurel Springs, N. J.
 B.A. (LaSalle College, Pennsylvania)
Field of Specialization: Physics
- Robert John Svec.....Avon
 B.Sc. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology
- Russell Hammond Thackery.....Columbus
 B.S. (Florida Southern University)
Field of Specialization: Horticulture
- Pamela Jane Thorp.....Columbus
 B.A.
Field of Specialization: Microbiology
- Frederick James Tomazic.....Lorain
 B.Sc. in Phys.
Field of Specialization: Aeronautical and Astronautical Engineering
- George Raymond Unrine, Jr.....Cincinnati
 B.S. (University of Cincinnati)
Field of Specialization: Physics
- Peter Watson Vanevenhoven.....Menasha, Wis.
 B.S. (University of Wisconsin)
Field of Specialization: Pharmacy
- Chatur Bhuj Vyas.....Bikaner, India
 Vet.Surg. (Bombay Veterinary College)
Field of Specialization: Veterinary Preventive Medicine

- Vernon Lawrence Watkins.....Brigham City, Utah
 D.D.S. (Marquette University)
Field of Specialization: Dentistry
- Edward Joseph Webster.....Columbus
 B.Sc. in Edu.
Field of Specialization: Zoology
- John Potee Whitney.....West Mansfield
 B.Sc. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology
- Charles Dudley Whyte.....Far Rockaway, N. Y.
 B.S. (Prairie View Agricultural and Mechanical College of Texas)
Field of Specialization: Agricultural Economics and Rural Sociology
- Jon Loel Williams.....Athens
 B.S. (Ohio University)
Field of Specialization: Entomology
- David Hays Wilson.....Negley
 B.Sc. in Phys.
Field of Specialization: Physics
- David Lester Zartman.....Albuquerque, N. Mex
 B.S. in Agr. (New Mexico State University)
Field of Specialization: Dairy Science
 (One hundred and nine candidates)
- Master of Social Work**
- Gardner Robert Whitcomb.....Falls Church, Va.
 B.S. (Springfield College, Massachusetts)
Field of Specialization: Social Work
 (One candidate)

Candidates for Two Degrees

Jacquelyn Therese Beshinski.....Cleveland
Bachelor of Arts
Bachelor of Science in Education

Carol Ann Birch.....Canton
Bachelor of Arts
Bachelor of Science in Education

Heidemarie Bettina Gebel.....Dayton
Bachelor of Arts
Bachelor of Science in Education

Robert Watt McAllister III.....Zanesville
Bachelor of Science in Education
Bachelor of Music

John George Paleudis.....Barnesville
Bachelor of Arts
Bachelor of Science in Education

(Five candidates)

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agricultural Biochemistry

John Mark Hatheway.....Massillon
Arthur Edward Yates.....Elyria

(Two candidates)

Bachelor of Science in Agriculture

Gary Walter Bauer.....Norwalk
Charles Hamilton Bell.....Frazeyburg
Bernard Edwin Budd.....Ashtabula
Terry Edwin Crall.....Bucyrus
Howard Kenneth Crum.....Marion
David Michael Dennis.....Columbus
James Joseph Dickey.....Fairview Park
Roger Wayne Durkee.....Mentor
Robert Paul Espenschied.....New Philadelphia
James Lewis Frazier.....Seville
Dan Edward Garver.....Lakeville
Paul Frank Greenlee.....Bridgeport
George Randall Harker.....Cleveland
Roger Glen Humphreys.....Blanchester
Dale Marion Johnson.....Frazeyburg
John Arthur Kefuss.....Canton
Allan Lloyd Kestner.....West Salem
Robert Patrick Kirwin, Jr.....Columbus
Daun Clyde Lawson.....Carrollton
Larry Eugene Layman.....Marysville
Raymond Eugene Mase.....Bolivar
Don Raymond Mason.....Walhonding
Dean Errol Miller.....Milan
Kenneth Eugene Milligan.....Grove City
Ned Marvin Musselman.....Circleville
William Thomas Nicholson.....Cambridge
Roger Walters Pond.....St. Paris
David Lynn Prentiss.....Napoleon
Gilbert Reid Prinkey.....West Salem
Earnest Gilbert Roll, Jr.....Greenfield
Norman Roskin.....Miami, Fla.
Charles Russell Rowles.....Willoughby
Thomas A. Ruehr.....Ravenna
Charles Jay Schaefer.....Monroeville
Raymond Lawrence Shaw.....Lancaster
Greg Engel Shawber.....Galion
Kenneth Eugene Stitzlein.....Ashland
Robert Jerome Stoll, Jr.....Sandusky
Paul Clement Sunderhaus.....Cincinnati
John Allison Trimmer.....Trotwood
Daniel Williard Wolboldt.....Canfield
Edward Karl Zoliniak.....Sandusky

(Forty-two candidates)

Bachelor of Science in Dairy Technology

Larry Gail Haynam.....East Canton
Kenneth Bruce Miller.....Cincinnati
Earl Warren Nelson.....Cadiz
Daniel Paul Soehrlen.....Canton

(Four candidates)

School of Home Economics

Bachelor of Science in Home Economics

Susan TenBroeck Barr.....Camden, Mich.
Barbara Ann Billman.....Grove City
Sharon Frances Byrne.....Mentor
Sandra Sue Cammack.....Wilmington
Grace Ruth Dean.....Ashley
Michele Ann Griffith (cum laude).....New Concord
Gail Hasselbach Henderson.....Fremont
Eileen Charlotte Karg.....Nevada
Linda Jorgensen Lowe.....Columbus
Kathleen Suter Mast.....Perrysburg
Charlotte Mary McCarthy.....Columbus
Suzanne Elizabeth Morris.....Newark
Susan Jane Mueller.....Columbus
Susan Hess Pittner.....Columbus
Carol Rowland Walton.....Sedan, Kans.

(Fifteen candidates)

Bachelor of Science in Restaurant Management

Virginia Ann Dennis.....Lyndhurst

(One candidate)

College of Arts and Sciences

Dean: *J. Osborn Fuller*

Bachelor of Arts

Benjamin Roberts Ahner.....	Rochester, N. Y.
Lenore Caudill Azok.....	Lorain
Stephen Douglas Bell.....	Columbus
*Jacquelyn Therese Beshinski.....	Cleveland
Allen Burton Binckley.....	Newark
*Carol Ann Birch.....	Canton
John Morton Bobb III.....	Columbus
Joan Marie Borchardt.....	Akron
Kenneth Bradley Bordwell.....	Kettering
Myer Jey Bornstein.....	Columbus
William David Brewer.....	Cleveland
David Howard Brown.....	Parkersburg, W. Va.
James Thomas Buccieri.....	Cleveland
Howard Vincent Burman.....	Great Neck, N. Y.
John Raymond Butz.....	Eaton
Anthony Joseph Cerreta.....	New Rochelle, N. Y.
James Robert Cromwell.....	Columbus
Richard Herbert Dailey.....	Dayton
Harriet Golda Davidorf.....	Columbus
Linda Moore Davis.....	Worthington
B. Patrick DePasquale.....	Wethersfield, Conn.
Deborah Foust Dryden.....	Dayton
Sandra Jane Duncan.....	Dayton
Evelyn Toby Emmer.....	Cleveland
Dale Arthur Faulk.....	Northfield
Jane Chilcote Faust.....	Lancaster
Susan Marie Foeller.....	Worthington
Joy Ann Fox.....	Cleveland
*Heidemarie Bettina Gebel.....	Dayton
Richard Vernon Gibson.....	Cincinnati
Roderick David Goman (cum laude).....	Columbus
Kenneth Janke Green.....	LaGrange Park, Ill.
Nyjola Stella Grybauskas.....	Eastlake
James B. Hall.....	Urbana
David Weldon Hammond.....	Findlay
Vicki Rea Holtzapple.....	Lima
Richard Lee Hoover.....	Thurman
James Arize Howell.....	Akron
Eric William Huber.....	Elyria
Fred James Humphrey.....	Cincinnati
Lowell Leonard Huprich.....	Baltic
Derek Edward Hutchinson.....	Akron
Jacqueline Anne Jeffery.....	Vermilion
Judith Anne Johnson.....	Columbus
Neringa Barbara Karalius.....	Cleveland Heights
Marilyn McMann Kramer.....	Wintersville
Peter Nathaniel Krantz.....	New York, N. Y.
Robert Belden Kuhn III.....	Fairborn
Roy Eugene Landrum.....	Fairborn

* Two degrees

Garey Lee Laube.....	Stamford, Conn.
Emily Ann Laws (summa cum laude and with Distinction in Geology)	Carroll
James Griffith Lindsay.....	Dayton
Thomas Otto Manken.....	Columbus
Judith Edmondson Martin.....	Vermilion
William Olson Martin.....	Newark
Barbara Lee Mathless.....	Columbus
Marietta Maxwell.....	Columbus
Ronald Richard McComb.....	Thornville
George Michael Merrick.....	Steubenville
Roy Alan Mimna.....	Hubbard
Sandra Jean Minnick.....	Columbus
Noëlle Joan Morris.....	Columbus
Thomas Patrick Morrison.....	Newark
Charles Kanter Murray.....	Rocky River
Ernest Lee Neer.....	Mechanicsburg
Linda Jane Newman (cum laude).....	Shaker Heights
Richard Alfred Nitsche.....	Avon
Michael Stuart Nolan.....	North Canton
Ronald Martin Paige.....	Cleveland Heights
*John George Paleudis.....	Barnesville
David Eldon Palmatier.....	Medina
Tom Alan Payne.....	Cleveland
Anthony Pinter.....	Cleveland
Ellen Teresa Pollard.....	Akron
Mary Atkeson Powell.....	Columbus
Frederick William Preston.....	Toledo
Richard Bruce Prior.....	Leetonia
Nancy Lee Pumphrey.....	Mt. Vernon
Andris Purs.....	Cleveland
Patrick Leo Rankin.....	Columbus
Susan K. Rasor.....	Arlington, Va.
Jerry Clay Rector.....	Springfield
Preston Alden Reed.....	Akron
Tim Arthur Richardson.....	Sugar Creek
Darra D. Romick.....	North Canton
Kenneth Charles Ryan.....	Columbus
Nicholas Andrew Ryerson (cum laude).....	Grove City
Robert James Saxton.....	Bellefontaine
Kenneth Lee Schriber.....	Dayton
Allen Jay Sherrow.....	Cleveland
Ruby Yvette Simpson.....	Lake City, Fla.
Howard Lawrence Skolnik.....	Cleveland
Kathryn Hammond Smith.....	Cambridge
William Henry Snider.....	Pickerington
Marilyn Irene Snyder.....	Cuyahoga Falls
Joan Angela Stueve.....	Cincinnati
Steven Thomas Syfert.....	Paoli, Pa.
Raymond Henry Trout.....	Tipp City
Darrel Craig Umbaugh.....	Lima
Kathleen Mae Von Eschen.....	Columbus
Bryan Treat Walton.....	Terrace Park
Anne Sauvage Weaver.....	Dayton
Kenneth Phillip Weber, Jr.....	Parma
James Newcomb Westwater.....	Columbus

* Two degrees

Curtis Reed Whiteamire (cum laude)	Caledonia
John Stanley Wilder	Niles
Jane Ann Williams	Adena
Marsha Jean Wren	Bellefontaine
William Lee Zuber	Columbus
Rita Marie Zucco	Silver Lake

(One hundred and ten candidates)

Bachelor of Science

Jenni Lee Baker	Urbana
Karl Roy Barnhardt	Lima
William Henry Beggs	Columbus
Bruce Eldon Bennett	Columbus
Walter Richard Boehmer	Columbus
Ronald John Boyers	Columbus
John Francis Breznock	Fairview Park
Stephen Meredith Buck	Lexington
William Daniel Campbell	Toronto
Dominic Anthony Cataldo	Cleveland
William Jasper Crane	Loveland
Robert Charles DeWitt	Columbus
Leonard Leroy Eblin, Jr.	Circleville
Karen Hill Edmiston	Akron
Randall Gregory Fry	Columbus
David Dezzo Funk	Columbus
James Pickering Hart	Kettering
George Ben Hrabec	Cleveland
Robert John Jevce	Cleveland
Robert Craig Johnson, Jr.	Cincinnati
David Allen Katonak	Painesville
Rita Ann Keefer (cum laude)	Grove City
Robert Michael Koehler	Springfield
James Kenneth Long, Jr.	Columbus
Michael Anthony Lorenz	Urbana
Lucy Ann McEvans	Detroit, Mich.
Donald Joseph Melnykevich	Perth Amboy, N. J.
Roger Lee Moody	Columbus
Lynne Marie Musgrave (cum laude and with Distinction in Zoology)	Columbus
Lyle Edward Nowicki	Dayton
Thomas Frank Nyros	Clarkson, Ont., Canada
John Rex Oliver	Indianapolis, Ind.
Lydia Ruth Oursler	Columbus
Lawrence Lionel Pollak	South Euclid
Thomas Jay Pollock	Columbus
Robert Charles Reynolds	Sioux Falls, S. Dak.
Dale Lester Schaffner	Canton
Patricia Lee Schlesinger	Seattle, Wash.
Karl Joseph Schreiber	Fairview Park
Michael Alan Schwartz	University Heights
Ann Judith Seff (cum laude)	Columbus
Charles Lanier Shaffer (cum laude)	Columbus
Mary Irene Smith	Cleveland
Trevor Louis Stanwick	Cadiz

Melvin Stone.....	Cleveland Heights
Joseph Henry Tarnopol.....	Brackenridge, Pa.
David William Throckmorton.....	Columbus
Wayne Allen Urban.....	Dyess AFB, Tex.
Glav Paul Wiegand.....	Mansfield
Kathleen Ruth Wilber.....	Euclid
James Douglas Wilson.....	Amherst
John Nance Wilson.....	Columbus
Duane William Witzke.....	Akron
Gary Oakley Zerbe.....	Canton

(Fifty-four candidates)

Bachelor of Science in Medical Technology

Sandra Ann Barrett.....	Springfield
Mary Motts Bauer.....	Louisville
Judith Mason Duerr.....	Canton
Barbara Jean Hines (cum laude).....	New York, N. Y.
Bernice Safer Weinberg.....	Youngstown

(Five candidates)

School of Journalism

Bachelor of Arts

William Sawyer Cramer.....	Tipp City
Richard Dunne Rowley.....	Ashtabula
Barry Phillip Shiller.....	South Euclid
Paul William Yalsovac.....	Barberton

(Four candidates)

College of Commerce and Administration

Dean: James R. McCoy

Bachelor of Science in Business Administration

Robert Paul Abel II.....	Barberton
William Oliver Anderson.....	Columbus
Randall Douglas Aylesworth.....	Worthington
Robert Barrow.....	Marion
Remsen Henry Beitel, Jr.....	Farmingdale, N. Y.
Bradley Jackson Bendure.....	Ft. Wayne, Ind.
Jo Ann Bican.....	Parma
John Robert Blair.....	Columbus
Edward Charles Boehm, Jr.....	Columbus
Daniel Lee Boone.....	Columbus
Chester Ealen Brewer, Jr.....	Hamilton
Cecil B. Brown.....	Los Angeles, Calif.
Robert Sheets Bussom.....	Shelby
George Breyer Calvert, Jr.....	Columbus
Robert Louis Casterline.....	Columbus
Donald Regis Chadwick.....	Conneaut
Robert Lee Chambers.....	Columbus
Thomas Milton Covert.....	Chagrin Falls
David Alan Crist.....	Cleveland
Robert Edwin Dennis.....	Dayton
Raymond Edwards Doyle.....	Euclid
Rudolph Drabick.....	Canton
John Kerr Duff.....	Belle Center
Delbert Charles Dunn.....	Gahanna
David Allan Easterman.....	Canton
Ronal Ernest Essary.....	New Carlisle
Mary Martha Evans.....	Tipp City
David John Fahrenheit.....	Columbus
Neil Anthony Franchino.....	Basking Ridge, N. J.
Waldemar John Geiger.....	Cleveland
Mahmoud Taher Giaber.....	Tripoli, Libya
John Philip Gunther, Jr.....	Newark
Vincent Anthony Hand.....	Covington
Donald Franklin Hyer.....	Greenfield
David Robert Jennings.....	Steubenville
Robert Lee Jones.....	Columbus
James Lynn Keevert.....	Woodsville
Thomas Lee Keysor.....	Sidney
Gerald Stephen Kundla.....	Aliquippa, Pa.
George William Latshaw.....	Columbus
Martin Bruce Leff.....	Pennsauken, N. J.
Frank Thomas Lehman.....	Columbus
Roger Allen Lemmon.....	Columbus
John Letvin III.....	Tallmadge
David Edward Lintzenich.....	Columbus
Lanny Leon Littell.....	Richwood
Robert Dean Love.....	Dublin
Wells Byon Lyman.....	Lakewood
Timothy Page Maurice.....	Toledo
Theodore John Mazza.....	Columbus

James Lowell Moore.....	Fostoria
Robert Cashmore Morris.....	Pataskala
James Bailey Nuzum.....	Worthington
William Broster O'Donnell.....	Kettering
Daniel John Opfer.....	Lorain
Patrick Joseph O'Reilly.....	Columbus
John David Petty.....	Columbus
Augustine Thomas Piner, Jr.....	Morehead, N. C.
Roger Willis Reese.....	Jamestown
Robert Arthur Schieferstein.....	Amherst
John Holland Schurman.....	Huntington, W. Va.
Larry Clayton Shaw.....	Columbus
Donald Eugene Shults.....	Marion
Arthur Joel Siegel.....	Red Bank, N. J.
Charles Arthur Smith.....	Columbus
Jack Dennis Spencer.....	Dayton
Leonard Sigfrid Stahlgren, Jr.....	Cincinnati
William Howard Staufner.....	Ashtabula
Andrew Fielding Steinman.....	Worthington
Bruce Alexander Stephen.....	Worthington
Robert Hugh Stewart.....	Van Wert
David Ray Strunk.....	Dayton
Robert Paul Svets.....	Cleveland
James Edward Szablewski.....	Cleveland
Eugene Frank Tunila.....	Columbus
William Snively Unverzagt.....	Pittsburgh, Pa.
Richard William Van Raaphorst.....	Ligonier, Pa.
Grant Lee Wadsworth.....	Dayton
Robert David Wall.....	Englewood
Ralph Gordon Walls.....	Columbus
Douglas Ernest Warns.....	Walbridge
Robert Arthur Warren.....	North Hampton
James Noel Weider.....	Hicksville
Robert William Wellbaum, Jr.....	Lima
Philip Ray Williamson.....	Columbus
Robert Anthony Winkel.....	Columbus
Stephen Philip Wood.....	Ironton

(Eighty-seven candidates)

School of Social Work

Bachelor of Science in Social Welfare

Gail Elizabeth Becher.....	Columbus
Jon Malcolm Bell.....	Massillon
Susan Marie Cain.....	Leipsic
James Douglas Claggett.....	Newark
Sue Ellen Depner.....	Rocky River
Terry Douglas Etling.....	Marshallville
Mark Irwin Haas.....	Cleveland
Dorothy Hart Lenart.....	Columbus
Douglas George Mann.....	Reynoldsburg
Ruth Anne Marquart.....	Reynoldsburg
Dorothy Carter Purviance.....	Columbus
Warner Pike Simpson.....	Columbus

Betsy Ann Thomas.....New Concord
Marcia A. Ulrich.....Middletown
Marjorie Holycross Zima.....Dayton

(Fifteen candidates)

College of Education

Dean: Donald P. Cottrell

Bachelor of Science in Education

William Frederick Agee.....	Lindsey
Patricia Blum Alden.....	Galion
Frances DeVore Alves.....	Solon
Judith Kathryn Arbogast.....	Mt. Sterling
Ann Dush Arndt.....	Wooster
Susan Burd Axelrod.....	Dayton
John Edward Aylard.....	Columbus
Larry Eugene Ball.....	West Jefferson
Curtis Grant Balser.....	Newark
Orlando Tyrone Barnett.....	Orrville
Ruth Alice Beaumont.....	Farmington, Mich.
Joetta Henderson Beaver.....	Columbus
Michael Bruce Beery.....	Columbus
Nancy Lee Irwin Berg.....	Dayton
Eileen Diane Berger.....	Lorain
David Leo Berry.....	Lucas
Patricia Ann Berry.....	Monroe
Kathleen Ann Bertram.....	Cincinnati
*Jacquelyn Therese Beshinski.....	Cleveland
Judith Kathryn Bettinger.....	Berkey
Caren Wirth Bieber.....	New York, N. Y.
*Carol Ann Birch.....	Canton
Joyce Amstutz Blair.....	Wadsworth
Sally Ann Blalock (summa cum laude).....	Urbana
Susanne Barnard Blankenship.....	Columbus
Paul Ervin Borntreger.....	Columbus
Gary Lee Bradds.....	Jamestown
Cora Sue Hagans Brockett.....	Urbana
Bill Arnold Brown.....	Utica
Virgie Tate Brown.....	Columbus
Edward Arnold Buck.....	Columbus
Lee Anthony Buddendeck, B.A.....	Dayton
Bonnie Anne Burtnett.....	Columbus
Lorraine Hope Butler.....	Columbus
Robert Wesley Butts.....	Cadiz
Richard Lee Canary, A.B. (Denison University) (cum laude).....	Columbus
Patricia Dupler Caple.....	Lancaster
Joan Palay Carr.....	Cleveland
Marie Eileen Chamberlin.....	Midland
Janet Lea Chandler.....	Galion
Rodney Joseph Charlton.....	Uhrichsville
Amy McKendry Clark.....	Lakewood
Dan Olin Clark.....	Columbus
Marilyn Harris Clinger.....	Columbus
Carolyn Sue Coburn (cum laude).....	Lima
Patricia Ann Cocumelli.....	Steubenville
Nancy Jane Collins.....	Dayton
Peter Jay Cottrell.....	Columbus
James Corwin Craig, B.Sc.....	Belpre

* Two degrees

Frederick Thoburn Daniel.....	Hilliard
George Anthony Denino.....	Youngstown
Nancy Ann Detwiler.....	Bellefontaine
Kathleen Marie Dolan.....	Sandusky
Donna Delfino Dominico.....	Lorain
Laurel Siefert Doran.....	Granville
John Joseph Durant.....	Columbus
Anita Mandel Eisernoff.....	Cleveland
Janet Carol Endicott.....	Columbus
Michael Merritt Engle.....	Lima
Judy Ann Enterline.....	Fairborn
Susan Diane Everett, B.A.....	Mt. Vernon
Amy Fallenberg.....	Cleveland Heights
Marilyn Jane Fedderke.....	Defiance
Susan Jean Ferguson.....	Shelby
Doreen Messenger Fish, A.B. in Th. (Gordon College, Massachusetts).....	Columbus
Marilyn Kay Fish (cum laude).....	Columbus
Mary Bonita Fontana, B.A.....	Columbus
Marcia Ann Fortman.....	Ottawa
Nancy Suzanne Friedman.....	South Euclid
Virginia Galloway (cum laude).....	Montclair, N. J.
Ruth Ann Gant.....	Morrow
Judith Fox Gaumer.....	Columbus
*Heidemarie Bettina Gebel.....	Dayton
Norman Delos Gillmore.....	Columbus
Judith Wisz Goodman.....	Tiffin
Melissa Jeanne Greenawald.....	Columbus
Laura Blanche Gross.....	Cleveland
Leslie Gressel Haas.....	Cleveland Heights
Gary Joseph Hansley.....	Cleveland
Jane Schieber Hart.....	Bucyrus
Kathleen James Hartman (cum laude).....	Mercer Island, Wash.
Kathryn Norine Harvey.....	Clarksville
Elizabeth Van Horn Haupt.....	Columbus
Dawn Reinhard Heikkila.....	Bucyrus
Carol Lee Henshaw.....	Loveland
Ruth Crawford Herring.....	Columbus
Geoffrey Lee Hockman.....	Canal Winchester
Janice Elaine Hoover.....	Antwerp
Alice Ione Horne.....	Dayton
Rosanna Joyce Hurley.....	Bellefontaine
Carol Ann Husum.....	Toledo
Vernon Dennis Hysell.....	Columbus
Margaret Shannon Hyslop.....	St. Clairsville
Gail Virginia Iglauer.....	Cincinnati
Annette Agnes Jones.....	Bay Village
Sally Jean Jones, A.B. (Marietta College).....	Mt. Vernon
Michael Sutherland Karash.....	Wickliffe
Gerald Katahara.....	Kapaa, Hawaii
Vicki Sue Kelley.....	Chillicothe
Joan Marie Kelly.....	Ironton
Bruce Nassiri Kermane.....	Cincinnati
Heather Jewell Kibbey.....	Columbus
Kathleen Kaye Kirk.....	Wooster
Charles Marion Knedler, Jr.....	Clarksville

* Two degrees

Helen Ruth Koehler.....	Waldwick, N. J.
William Edwin Kohut.....	Youngstown
Sandra Dale Kolls.....	Newark
Phyllis Jean Kondrich.....	Lakewood
Beverlee Byler Kulwin, B.Sc. in Bus. Adm.....	West Liberty
Andrea Lyn Kurlansik.....	Cleveland Heights
Barbara Knoch Laird.....	Westerville
James Edward Lamb.....	Columbus
Elizabeth Joan Lane.....	Dayton
Marcia Conner Larson.....	Newark
Cheryl Faye Laughlin.....	Columbus
Margaret Suzanne Layman.....	Columbus
Karen Kingseed Leber.....	Sandusky
Kenneth Albert Lee.....	Columbus
JoAnn Palma Litterini.....	Coraopolis, Pa.
Rita Lynn Luchesi.....	Mansfield
Timothy Vincent Luckhaupt.....	Columbus
Donald Leo Mains, Jr.....	Columbus
Marilyn Joy Mandle.....	University Heights
John Samuel Mason.....	Spencerville
Darlene Elsie Matthews.....	Galena
*Robert Watt McAllister III.....	Zanesville
Kathleen McDaniel.....	Columbus
Ann Elizabeth McDonald.....	Columbus
William Denver McGhee.....	Columbus
Sharron Pernice McKinney.....	Pataskala
Sharon Billhimer McMillen.....	Troy
Pamela Mullady Meacham.....	Lima
Kristine Kildow Miller.....	Roseville
George Edgar Mitchell.....	Troy
Benjamin Alan Mobley.....	Montclair, N. J.
Howard Herbert Moon, Jr.....	Columbus
Sarah Jane Moore, B.A. (cum laude).....	Wooster
Betty Eastlick Morton (summa cum laude).....	Dayton
Richard Nauman.....	Fredericktown
Michael Monroe Neal.....	Columbus
Sharon Kay Nelson.....	Cadiz
Gail McAllister Nunn.....	Columbus
Rosalyn Nyer.....	Cleveland
Betty Jean Palcheff.....	Akron
*John George Paleudis.....	Barnesville
Richard Carl Paullin.....	Mansfield
Phillip Eugene Paxton.....	Bellefontaine
Donald Pengov.....	Chesterland
Carrie Louise Perkins.....	Bryan
Nancy Irwin Pertcheck.....	Columbus
Karen Lucile Peters.....	Archbold
Mara Petritis (cum laude).....	Defiance
Wendell Don Pinson.....	Columbus
Marsha Gordon Platnick.....	Columbus
Roger Omar Pond.....	Scott
Edward Joseph Quickert.....	Columbus
Robyn Anne Radow.....	Kettering
Sandra Lee Ramsey.....	Dayton
Robert William Rasner.....	Cleveland
Ola Ratochka.....	Parma

* Two degrees

Willard Odell Reed.....Caledonia
 Cheryl Ridenour.....Coalwood, W. Va.
 Judith Ellen Robertson.....Roslyn Heights, N. Y.
 Doris Thompson Rothwell.....Grove City
 William Edward Roweton.....Dayton
 Toni Welsch Rupright.....Marysville
 Nancy Rose Samson.....Columbus
 Jean Olson Sayle.....South Euclid
 Carole Ann Schmid.....Westlake
 Joanne Selman.....Charleston, W. Va.
 Thomas Warren Seslar.....Antwerp
 Rosalie Levenstein Sherwin.....Chester, Pa.
 Barbara Anne Short.....Anna
 Michelle Ann Siegel.....Cleveland Heights
 Gregg P. Skall.....University Heights
 Beverly Rose Smith.....Columbus
 Diane Foster Smith.....Granville
 Cynthia Learose Spikell.....East Cleveland
 Jill Suzanne Spitler.....Wooster
 Bernie David Stanley.....Proctorville
 Sue Ann Powell Stewart.....Rawson
 Larry David St. John.....Shelby
 Ronald Alexander Strussion.....Bellaire
 Jeffrey Alan Stuckman.....Bucyrus
 Janet Rohloff Thomas.....Graytown
 Christian William Tieman, Jr.....Cincinnati
 Patricia Ann Trigg.....Columbus
 Penelope Diane Van der Putten.....Columbus
 John Joseph Van Hoose.....Columbus
 John See Van Hoose.....Mechanicsburg
 Gwen Evelyn Wanamaker.....Youngstown
 Robert Paul Wengertter.....Columbus
 Evelyn May Wherry.....Cincinnati
 Robert Carr Wortman.....Cincinnati
 Penelope Jo Yocom.....Middletown
 Irwin Harvey Young.....Cleveland Heights
 Louise Diane Young, B.A.....New Rochelle, N. Y.

(One hundred and ninety-seven candidates)

Bachelor of Fine Arts

Mary Meanor Naef.....Bryn Mawr, Pa.

(One candidate)

Bachelor of Music

*Robert Watt McAllister III.....Zanesville

(One candidate)

* Two degrees

College of Engineering

Dean: Harold A. Bolz

Bachelor of Aeronautical and Astronautical Engineering

Gerald Henry Reichley.....Thornville
(One candidate)

Bachelor of Agricultural Engineering

Gerald Robert Baughman.....Carey
(One candidate)

Bachelor of Ceramic Engineering

William Henry Kielmeyer.....Columbus
(One candidate)

Bachelor of Chemical Engineering

James Owen Nye (cum laude).....Columbus
(One candidate)

Bachelor of Civil Engineering

Richard Francis Davidson (cum laude).....West Richfield
Barton William Fenton.....Bellevue
Paul Edgar Hoffman, Jr.....Richwood
John Francis Kenefick.....Binghamton, N. Y.
Robert James Roe.....Canton
(Five candidates)

Bachelor of Electrical Engineering

David Robert Bratton.....Columbus
Neil Lester Carlson.....Rocky River
Marshall Douglas Clanin.....Columbus
Larry John McMillan.....Coldwater
Terry Lee Oliver.....Versailles
Roger Allen Salyer.....Columbus
John Melvin Saurer.....Massillon
John Szeto.....Lorain
H. Gary Vandemark.....Bay Village
Lonnie Allan Watson.....Alliance
David Chi-Fong Wu.....E. Brunswick, N. J.
Donald Welton Yauch.....Middletown
(Twelve candidates)

Bachelor of Industrial Engineering

Charles William Brandstetter.....Canton
Jerry Lee Clayton.....Columbus
Edward Charles Dryer.....Columbus
Jerry Lee Frey.....Dayton

Franklin Jones Godbey.....Columbus
Joel Barry Haynes.....Cincinnati
Hadley Dean Jewell.....Wooster
David Craig Martin.....Hamilton
David Zoltan Zander.....Canton

(Nine candidates)

Bachelor of Mechanical Engineering

Richard Bernard Affeldt.....Cleveland
Robert Louis Britton.....Dayton
John Herman Michener.....Columbus
Walter Frank Opdenbrouw.....Poughkeepsie, N. Y.

(Four candidates)

Bachelor of Metallurgical Engineering

Daniel Ray Shirey.....Columbus
Richard Leroy Ward.....Wakeman

(Two candidates)

Bachelor of Engineering in Mining

Stanley Earl McFarland.....Newton Falls

(One candidate)

Bachelor of Science in Physics

Henry Lewis LaMuth.....Painesville

(One candidate)

Bachelor of Welding Engineering

Willam Anthony Svekric.....Euclid

(One candidate)

School of Architecture and Landscape Architecture

Bachelor of Architecture

David Frederick Haines.....Coraopolis, Pa.

(One candidate)

College of Medicine

Dean: Richard L. Meiling

School of Nursing

Bachelor of Science in Nursing

Margaret Elizabeth Casey..... Columbus
Joan Cummins..... Columbus
Cecilia Agnes Eaton (cum laude)..... Dayton
Rose Marie Gerber..... Kidron
Lesley Joyce Montgomery..... Ashland
Jeanne Staiger Moore..... Gettysburg, Pa.
Joyce Vick Pryatel..... Lorain
Mary Magdalene Sailer..... Ashland, Ky.
Ruth Anna Wise..... Cleveland

(Nine candidates)

Bachelor of Science in Occupational Therapy

Margaret Simington Ewing (cum laude)..... Lakewood, Colo.
Dorothy Honsa Kohut..... Cleveland
Diane Frances Lewis..... Chicago, Ill.

(Three candidates)

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

Columbus, Ohio, April 14, 1966

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

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

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Minutes of the last meeting were approved.

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April 14, 1966 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Establishment of a School of Allied Medical Services in the College of Medicine

The Faculty Council on March 8, 1966, with the concurrence of the Council on Instruction, approved the proposal from the College of Medicine that a School of Allied Medical Services be established in the College of Medicine.

It was therefore recommended for approval by the Board of Trustees that a School of Allied Medical Services be established in the College of Medicine of The Ohio State University, effective July 1, 1966, to administer the educational programs in the paramedical field, now offered by various colleges of the University. The effectuation of this recommendation will bring together under the direct supervision of the School of Allied Medical Services the following related curricula and will provide for maximum utilization of the commonality in their structure and implementation: medical dietetics, medical illustration, medical technology, nurse anesthesiology, occupational therapy, orthoptic technology, and physical therapy.

After the completion of the pre-professional phase of his education in an undergraduate college, the student will be considered for admission to one of the above professional curricula through the School of Allied Medical Services.

It was further recommended that effective July 1, 1966, the following degrees and certificates which are now being awarded through various colleges of the University be awarded through the College of Medicine upon the recommendation of the School of Allied Medical Services: Degrees--Bachelor of Science in Medical Dietetics, Bachelor of Science in Medical Illustration, Bachelor of Science in Medical Technology, Bachelor of Science in Occupational Therapy, and Bachelor of Science in Physical Therapy; and Certificates--Medical Technology, Nurse Anesthesiology, Orthoptic Technology, and Physical Therapy.

Upon motion of Mr. France, seconded by Mr. Shocknessy, the Board of Trustees approved the above recommendations by unanimous vote.

B. Department of Defense Facility Security Clearance for The Ohio State University

Security representatives of the Department of Defense have recently advised that it will be necessary for the University to obtain Facility Security Clearance and have recommended that the following resolution be adopted by the Board of Trustees:

WHEREAS, it has been brought to the attention of the Board of Trustees of THE OHIO STATE UNIVERSITY with its principal office and place of business at Administration Building, 190 North Oval Drive in the City of Columbus, State of Ohio, that in connection with Department of Defense Facility Security Clearance of The Ohio State University, the President, those Officers and Trustees of the University who are required to have security clearances as

April 14, 1966 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Department of Defense Facility Security Clearance for The Ohio State University (continued)

members of the Board of Directors of The Ohio State University Research Foundation, 1314 Kinnear Road, Columbus, Ohio 43212, are also required to hold security clearances under the Facility Security Clearance for the University.

WHEREAS, other Officers and Trustees who are United States Citizens, immigrant aliens, foreign representatives, or foreign nationals, and who shall not require access to classified information in the conduct of the institution's business, are not required to be cleared, provided the Board of Trustees takes such official action and is made a matter of record in the minutes of the Board;

NOW, THEREFORE, BE IT RESOLVED, that such Officers and Trustees, other than those required to be cleared, shall not require, nor shall have and can be effectively denied, access to all classified information in the possession of the institution, and do not occupy positions that would enable them to affect adversely the institution's policies or practices in the performance of classified contracts for the Department of Defense.

Upon motion of Mr. Jones, seconded by Mr. Ketterer, the Board of Trustees adopted the above resolution by unanimous vote.

C. Recommendation for the Benjamin G. Lamme Meritorious Achievement Medal - Parker S. Dunn

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 Parker S. Dunn, President of the American Potash and Chemical Company, 3000 Sixth Street, Los Angeles, California, for the Benjamin G. Lamme Meritorious Achievement Medal to be awarded at the June Commencement, 1966.

It was therefore recommended that this nomination be approved by the Board of Trustees.

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

D. University Printing Facility

The School of Journalism facilities and the University printing facilities require substantial rehabilitation to bring them up to modern standards. Much of the University's printing equipment is more than 30 years old and needs to be replaced. After careful study, it has been determined that the most satisfactory solution is to construct a new printing facility and later to modernize the present Journalism Building following the removal of the printing equipment. The University can fund the construction of a simple building to serve as a printing facility from University funds if the costs of the required fixed and movable equipment estimated at \$500,000.00 can be financed from state appropriations. H. B. 949 includes an appropriation of

April 14, 1966 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. University Printing Facility (continued)

\$5,000,000.00 to The Ohio State University in Item 315-034, of which \$1,500,000.00 has not been committed.

It was recommended therefore that in accordance with the usual procedures, the President and Vice President for Business and Finance be authorized to proceed with plans for construction of a University printing facility, subject to the release by the Controlling Board of \$500,000.00 from Item 315-034 of H. B. 949 to cover the costs of a modern printing press, needed auxiliaries, and related apparatus.

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

E. Transportation Research Center - Land Acquisition

Planning discussions for the development of a Transportation Research Center have been under way for some time and have included representatives of the University, the Department of Highways, the Department of Development, and the Ohio Board of Regents.

Land acquisition costs for a site in central Ohio are estimated at \$2,000,000.00. According to present plans, the Department of Highways will provide \$1,000,000.00 and the other \$1,000,000.00 will come from funds appropriated to The Ohio State University.

H. B. 949 includes an appropriation of \$5,000,000.00 to The Ohio State University in Item 315-034, of which \$1,000,000.00 remains uncommitted. It was recommended therefore that in accordance with the above referred to plans the Controlling Board be respectfully requested to release \$1,000,000.00 in Item 315-034 in H. B. 949 for the acquisition of land at a site in central Ohio to be selected in cooperation with the Department of Highways and the Department of Development.

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

II. PERSONNEL CHANGES

In addition to the regular personnel changes recorded in the official "Salary Roll" since the March 10, 1966 meeting of the Board of Trustees, President Fawcett recommended that the following Appointments, Leave of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Title be approved by the Board:

A. Appointments

William E. Hall, Jr., Professor and Director, School of Journalism, effective July 1, 1966, at a salary of \$25,068.00 per annum.

Philip A. Marks, Professor, Department of Psychiatry, effective May 1, 1966, at a salary of \$20,268.00 per annum, and Professor in the Department of Psychology at No Salary.

April 14, 1966 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 was recommended for Leave of Absence With Salary from the Cooperative Extension Service for the period indicated:

John R. Ewart, Instructor (County Extension Agent, Agriculture), effective April 1, 1966 through June 15, 1966, to participate in a program of professional improvement at The Ohio State University.

C. Leaves of Absence Without Salary

Robert E. Partyka, Associate Professor (Extension Plant Pathologist), Cooperative Extension Service, effective May 1, 1966 through June 30, 1966, to accept a temporary position at Cornell University.

Ralph E. Franklin, Jr., Assistant Professor (part time - 14%), Department of Agronomy, effective May 1, 1966 through June 30, 1966, to set up a radioisotope laboratory in Lima, Peru, for the International A. E. C.

D. Emeritus Title

Harriet M. Green, Cooperative Extension Service, with the title of Instructor Emeritus (County Extension Agent, Home Economics), effective May 1, 1966.

Mr. John Bricker moved and Mr. Jacob Davis seconded the motion that the above recommended Appointments, Leave of Absence With Salary, Leaves of Absence Without Salary, Emeritus Title, and personnel actions as recorded in the official "Salary Roll" of the University be approved.

A young man who was among those in the audience attracted Chairman Loop's attention and upon invitation of the Chairman identified himself as Timothy D. Smith, a graduate student in journalism. Without any previous notification, Mr. Smith requested permission to speak on a subject pertaining to the recommendation for the appointment of a Director of the School of Journalism. The Chair placed this request before the members of the Board, and it was the unanimous consensus that in accordance with Article I, Section 6, of the Bylaws of the Board of Trustees, that it would be out of order for Mr. Smith to speak since the Board was not holding a public hearing and was engaged in a business meeting. The Chairman, Mr. Loop, then ruled that Mr. Smith should not be recognized for the purpose of addressing the Board.

Upon a roll call vote, the above motion as placed by Mr. Bricker was approved unanimously, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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April 14, 1966 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS

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

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on September 5, 1950, it was recommended that the research agreements for the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

1. Government Contracts - Federal

- a. U. S. Army Armor Center, Central Purchasing and Contracting Division, Fort Knox, Kentucky, Research and Scientific Studies for the Combat Development Program (to be known as U. S. Army Armor Center Project No. 573 - Mod. #26 - Engineering Experiment Station).
Gross Value - \$9,000.00.
- b. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Investigation of Deoxyribonucleoside and Related Carcinolytes (to be known as National Institutes of Health Project No. 759 - Ext. #9 - Department of Chemistry).
Gross Value - \$62,521.00.
- c. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, A Comparative Study of the Autonomic Nervous System (to be known as National Institutes of Health Project No. 1370 - Ext. #2 - Department of Anatomy).
Gross Value - \$10,671.00.
- d. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Chemical Studies of Stimulated Retina (to be known as National Institutes of Health Project No. 1575 - Ext. #3 - Institute for Research in Vision).
Gross Value - \$23,160.00.
- e. U. S. Army Biological Laboratories, Fort Detrick, Frederick, Maryland, Mixed Aerosol Infections in Monkeys (to be known as U. S. Army Biological Laboratories Project No. 1576 - Mod. #15 - Department of Medicine).
Gross Value - \$6,500.00.
- f. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Genetic Bases of Behavior Differences (to be known as National Institutes of Health Project No. 1633 - Ext. #3 - Department of Zoology and Entomology).
Gross Value - \$23,280.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- g. National Aeronautics and Space Administration, Washington, D. C., Theoretical and Experimental Investigation of the Measurement of Angular Rotation with Photons (to be known as National Aeronautics and Space Administration Project No. 1760 - Sup. #1 - Department of Physics).
Gross Value - \$18,970.00.
- h. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Phenylalanine Metabolism in Phenylketonuria (to be known as National Institutes of Health Project No. 1770 - Ext. #2 - Department of Pathology).
Gross Value - \$34,460.00.
- i. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Effect of Physical Modalities on Blood Vessels (to be known as National Institutes of Health Project No. 1777 - Ext. #2 - Department of Medicine).
Gross Value - \$19,596.00.
- j. U. S. Atomic Energy Commission, Chicago Operations Office, 9800 South Cass Avenue, Argonne, Illinois, The Cycling of CL³⁶ Labeled DDT in a Marsh Ecosystem (to be known as U. S. Atomic Energy Commission Project No. 1794 - Mod. #3 - Department of Zoology and Entomology).
Gross Value - \$11,547.00.
- k. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Pathogenesis of Spontaneous Avian Atherosclerosis (to be known as National Institutes of Health Project No. 1800 - Ext. #2 - Department of Physiology).
Gross Value - \$14,653.00.
- l. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Detection of Cancer Cells in Cadaver Blood (to be known as National Institutes of Health Project No. 1805 - Ext. #2 - Department of Pathology).
Gross Value - \$14,260.00.
- m. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Synthesis of Biologically Important Carbohydrates (to be known as National Institutes of Health Project No. 1820 - Ext. #2 - Department of Chemistry).
Gross Value - \$22,627.00.

April 14, 1966 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

- A. The Ohio State University and
The Ohio State University Research Foundation
1. Government Contracts - Federal (continued)
- n. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Catalytic Centers of Metal Enzymes (to be known as National Institutes of Health Project No. 1823 - Ext. #2 - Department of Physiological Chemistry).
Gross Value - \$23,154.00.
 - 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, Chrysomelidae (to be known as U. S. Atomic Energy Commission Project No. 1928 - Mod. #2 - Department of Zoology and Entomology).
Gross Value - \$14,031.00.
 - p. 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 - Mod. #1 - Department of Obstetrics and Gynecology).
Gross Value - \$13,972.00.
 - q. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Anticancer Substances from Plants (to be known as National Institutes of Health Project No. 1967 - Ext. #1 - College of Pharmacy).
Gross Value - \$13,483.00.
 - r. Air Force Systems Command, SEG, Wright-Patterson Air Force Base, Ohio, Aerodynamic Gas Spike for Re-entry Vehicle Communications Studies (to be known as Air Force Systems Command Project No. 2010 - Sup. #2 - Department of Electrical Engineering).
Gross Value - \$49,955.00.
 - s. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Solid State Electronic Techniques (to be known as Systems Engineering Group, Research and Technology Division Project No. 2011 - C. O. #1 - Department of Electrical Engineering).
Gross Value - \$37,500.00.
 - t. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Ion Transport in Heart Mitochondria (to be known as National Institutes of Health Project No. 2012 - Ext. #1 - Department of Physiological Chemistry).
Gross Value - \$19,932.00.

April 14, 1966 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- u. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Some Aspects of Iron Metabolism (to be known as National Institutes of Health Project No. 2086 - Rev. Award 2/28/66 - Institute of Nutrition and Food Technology). Gross Value - \$4,579.00.
- v. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Diagnosing and Correcting Individual Deficiencies in Learning Music (to be known as Office of Education Project No. 2155 - New - School of Music). Gross Value - \$45,749.00.
- w. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Study and Experimentation of Satellite Communication Links (to be known as Systems Engineering Group, Research and Technology Division Project No. 2162 - New - Department of Electrical Engineering). Gross Value - \$49,989.00.
- x. Department of Navy, Bureau of Naval Weapons, Washington, D. C., Reactive-Wall Reflectors for 9mm Microwave Operation (to be known as Bureau of Naval Weapons Project No. 2163 - New - Department of Electrical Engineering). Gross Value - \$20,000.00.
- y. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Lysosomes in Viral-Induced Cytopathologies (to be known as National Institutes of Health Project No. 2164 - New - Department of Microbiology). Gross Value - \$27,888.00.
- z. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Technical Services to Provide Intermittent Research Analysis on Materials and Associated Problems (to be known as Systems Engineering Group, Research and Technology Division Project No. 2165 - New - RF Internal Supervision). Gross Value - \$160,000.00.
- aa. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Antenna Techniques for Ionospheric Sounding (to be known as Systems Engineering Group, Research and Technology Division Project No. 2167 - New - Department of Electrical Engineering). Gross Value - \$24,832.00.

April 14, 1966 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- bb. Classified Program (to be known as Classified Program Project No. 2170 - New - Department of Electrical Engineering).
Gross Value - \$157,327.00.
- cc. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C., Coordination of Phosphine Sulfides and Selenides (to be known as Bureau of State Services Project No. 2171 - New - Department of Chemistry).
Gross Value - \$28,325.00.
- dd. National Science Foundation, Washington, D. C., Immunologic Specificity of Antibodies to Liver Ribosomes and Nuclei (to be known as National Science Foundation Project No. 2172 - New - Department of Microbiology).
Gross Value - \$74,100.00.
- ee. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Individual Differences and Psychologic Stress (to be known as National Institutes of Health Project No. 2173 - New - Department of Psychiatry).
Gross Value - \$51,513.00.
- ff. National Science Foundation, Washington, D. C., Investigation of Low-Energy-Spread Electron Beams (to be known as National Science Foundation Project No. 2174 - New - Department of Electrical Engineering).
Gross Value - \$39,000.00.
- gg. Department of State, Agency for International Development, Washington, D. C., Human Resource Development Planning Project for Bolivia (to be known as Department of State, Agency for International Development Project No. 2176 - New - Department of Economics).
Gross Value - \$110,988.00.
- hh. National Science Foundation, Washington, D. C., Research Initiation-High Level Recombination Phenomena in Bulk Semiconductors (to be known as National Science Foundation Project No. 2178 - New - Department of Electrical Engineering).
Gross Value - \$19,200.00.
- ii. National Science Foundation, Washington, D. C., The Stereochemistry of Unusual Coordination Numbers in Transition Metal Complexes (to be known as National Science Foundation Project No. 2179 - New - Department of Chemistry).
Gross Value - \$26,500.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- jj. National Science Foundation, Washington, D. C. , The Effect of Creep on Parametric Excitation of a Column (to be known as National Science Foundation Project No. 2180 - New - Department of Engineering Mechanics).
Gross Value - \$19,200.00.
- kk. Electronic Systems Division, AFSC, Laurence G. Hanscom Field, Bedford, Massachusetts, Asymptotic High Frequency Methods (to be known as Electronic Systems Division, Laurence G. Hanscom Field Project No. 2183 - New - Department of Electrical Engineering).
Gross Value - \$29,893.00.
- ll. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, A Test for the Evaluation of Esophageal Speech (to be known as National Institutes of Health Project No. 2184 - New - Department of Speech).
Gross Value - \$3,345.00.

TOTAL - Government Contracts - Federal \$1,335,700.00

2. Industrial and Other Contracts

- a. Firestone Tire & Rubber Company, Akron, Ohio, Health Hazards of Certain Compounds and Products (to be known as Firestone Tire & Rubber Company Project No. 246 - Ext. #20 - Department of Pathology).
Gross Value - \$24,000.00.
- b. Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation Program of the CCNSC in the Central Region, USA (to be known as Regents of the University of Wisconsin Project No. 1395 - Check #C286985 - Department of Surgery).
Gross Value - \$1,477.00.
- c. Petroleum Research Fund, ACS, 1155 Sixteenth Street, N. W. , Washington, D. C. , Chemistry of Norbornane Derivatives (to be known as Petroleum Research Fund Project No. 1670 - Ext. #1 - Department of Chemistry).
Gross Value - \$19,980.00.
- d. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, An Experimental Evaluation of Pulmonary Embolectomy (to be known as Central Ohio Heart Association Project No. 2103 - Check #10822 - Department of Surgery).
Gross Value - \$1,046.04.

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. Columbus Board of Education, Columbus Public Schools, 270 East State Street, Columbus, Ohio, Evaluation for Columbus Public Schools - Title I, E-S Education Act of 1965 (to be known as Columbus Public Schools Project No. 2175 - New - School of Education).
Gross Value - \$30,000.00.
- f. American Cancer Society, Inc., 219 East 42nd Street, New York, New York, Cancer Research (to be known as American Cancer Society Project No. 2177 - New - Department of Pathology).
Gross Value - \$35,000.00.
- g. American Thoracic Society, Medical Section, National Tuberculosis Association, 1790 Broadway, New York, New York, Studies of the Roles of Acid-Fast Bacteria, Mycobacteriophages and Bacteriophage Antibodies in the Etiology of Sarcoidosis (to be known as American Thoracic Society Project No. 2181 - New - Department of Pathology).
Gross Value - \$12,781.00.

TOTAL - Industrial and Other Contracts \$124,284.04

The foregoing forty-five contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$1,459,984.04.

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

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

During the period from February 25, 1966 through March 30, 1966, the Engineering Experiment Station of The Ohio State University entered into the following research contract. This research contract was reported to the Board of Trustees for information and record.

1. Government Research Contract

- EES 280 A Study of Stop-Warning Systems, Ohio Department of Highways, Columbus, Ohio, Bureau of Public Roads, Washington, D. C.
Gross Value - \$15,000.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

C. Agreement Between the College of Medicine of The Ohio State University and Harding 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 Harding Hospital and the College of Medicine of The Ohio State University, whereby resident students in the Department of Psychiatry of the College of Medicine will be given an opportunity to gain experience in the maintenance of research and patient care programs at Harding Hospital.

The Board of Trustees of Harding Hospital has indicated its willingness to participate in an affiliate teaching program, and it was therefore recommended that the President be authorized to sign such an agreement on behalf of the University with the understanding that there is no financial obligation on the part of the University and that the said agreement be effective upon approval by the Board of Trustees and upon signing by the President.

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

D. Agreement Between the College of Agriculture and Home Economics of The Ohio State University and the College of Agriculture of Michigan State University of Agriculture and Applied Science

Dr. Roy M. Kottman, Dean of the College of Agriculture and Home Economics, after consultation with Dr. Thomas K. Cowden, Dean of the College of Agriculture of Michigan State University of Agriculture and Applied Science, has proposed that The Ohio State University enter into a cooperative undergraduate program in forestry with Michigan State University of Agriculture and Applied Science.

It was therefore recommended with the concurrence of Dr. John C. Weaver, Vice President for Academic Affairs and Dean of Faculties, that the President of The Ohio State University be authorized to sign an agreement on behalf of The Ohio State University, which agreement includes the following conditions:

1. In consideration of the training made available by Michigan State University, The Ohio State University agrees to pay the non-resident fee for each resident of Ohio who has completed the pre-forestry program in the College of Agriculture and Home Economics of The Ohio State University and who has transferred to the forestry curriculum in the College of Agriculture of Michigan State University. Michigan State University will bill The Ohio State University immediately following the opening of each academic term.

April 14, 1966 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

D. Agreement Between the College of Agriculture and Home Economics of The Ohio State University and the College of Agriculture of Michigan State University of Agriculture and Applied Science (continued)

2. Michigan State University will accept each year not more than ten (10) new students for training in its forestry curriculum who are residents of the State of Ohio. All such students must have met all entrance requirements of Michigan State University and must pay fees equal to the fees charged Michigan residents by said institution.

3. Michigan State University will advise The Ohio State University not later than March 1 of each year the maximum number of new students, if any less than ten (10) which Michigan State University will accept the following Autumn Quarter. It is understood that once a student is accepted for training, he can continue so long as the student makes satisfactory academic progress and said students continue to pay the consideration outlined above. Students entering the forestry curriculum at Michigan State University under the terms of this agreement will be subject to all entrance requirements and all rules and regulations of the training institution.

The Chancellor of the Ohio Board of Regents, Dr. John D. Millett, has indicated full support of the proposed cooperative program in forestry and the agreement between The Ohio State University and Michigan State University of Agriculture and Applied Science. This arrangement in interstate cooperation is proposed with the assumption that it will be unnecessary to develop anything more than a pre-professional forestry program in a publicly assisted university in the State of Ohio.

Upon motion of Mr. France, seconded by Mr. Allyn, the Board of Trustees by unanimous roll call vote authorized the President to sign the agreement for the training of forestry students between the College of Agriculture and Home Economics of The Ohio State University and the College of Agriculture of Michigan State University of Agriculture and Applied Science.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since March 10, 1966, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

April 14, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance

1. \$1,000,000.00 granted by the Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, for construction of a new science and engineering building for the Dayton Campus (Wright State Campus) of The Ohio State University. This grant is made under Title I of the Higher Education Facilities Act of 1963. (Ohio 4-1207)
2. \$383,630.00 granted by the Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, for construction of undergraduate instructional and library facilities for the addition to existing Physics Building. This grant is made under Title I of the Higher Education Facilities Act of 1963. (Ohio 4-1219)
3. \$63,581.00 granted by the Department of Health, Education, and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, for academic year grants. This is granted under authority of Title IV, Part A (Educational Opportunity Grants) of the Higher Education Act of 1965.
4. \$48,600.00 granted by the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of the program entitled "Psychiatry - Residency Training," under the direction of Dr. Ian Gregory, Department of Psychiatry, for the period July 1, 1966 through June 30, 1967. (Grant No. 5 T1 MH 8386-03)
5. \$25,002.00 granted by the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of the program entitled "Undergraduate Clinical Training Grant," under the direction of Dr. James V. Warren, Department of Medicine, for the period March 1, 1966 through February 28, 1967. (Grant No. 5 T2 HE 5035-13)
6. \$5,000.00 granted by the World Health Organization, Geneva, Switzerland, to the University for support of the "WHO" International Reference Center for diagnosis of diseases of vectors by the Department of Zoology and Entomology.

TOTAL - Through the Office of Business and Finance \$1,525,313.00

B. Received Through the Development Fund

1. \$40,537.00 from The John A. Hartford Foundation, Inc. --\$36,483.00 for the Midwest Foundation for Obstetrics and Gynecology and \$4,054.00 for the College of Medicine University Hospital Memorial Fund.
2. \$10,000.00 from The Friedman Foundation for The Ohio State University Marching Band Special Fund.

April 14, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

3. \$10,000.00 from the Estate of Roy Brenholts, deceased, for the establishment of the Roy Brenholts Scholarship Fund in Mechanical Engineering.

Roy Brenholts Scholarship Fund in Mechanical Engineering

The Roy Brenholts Scholarship Fund in Mechanical Engineering was established March 14, 1966, by a bequest in the Will of Roy Brenholts, M. E. '07, deceased.

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

The income is to be used for scholarships or loans each year to a student or students designated by the Board of Trustees to enable such student or students to continue the study of mechanical engineering at the University; or all or any part of the income may be used, at the discretion of the Trustees, in furtherance of research in the field of mechanical engineering at the University.

4. \$10,000.00 from Jane Anderson Dreese, daughter of the late Earl W. Anderson, for the establishment of The Earl W. Anderson Memorial Fund.

The Earl W. Anderson Memorial Fund

The Earl W. Anderson Memorial Fund was established March 7, 1966, by gifts through the Development Fund in memory of Earl W. Anderson.

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 graduate scholarships for students in the College of Education. First preference is to be given to students majoring in higher education. The committee to make recommendations for the scholarship recipients shall be Donald P. Cottrell, Collins W. Burnett, and Frederick R. Cyphert. In the event of the inability of any one of these persons to act, then he shall be replaced by one of the following: the Dean of the College of Education, Director of School of Education, and a faculty member of the Department of Education to be appointed by the Director of the School of Education, until eventually the committee shall be entirely composed of the persons who occupy these positions.

In the event that the College of Education and School of Education 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 the use of the income for purposes within the field of higher education as recommended by the appropriate administrative official of the University then directly responsible for the area of education at The Ohio State University.

April 14, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

5. \$7,000.00 from James R. Riley for the "James R. Riley Professorship of Transportation and Business Logistics."
6. \$6,750.00 from the Alfred P. Sloan Foundation for the Sloan Foundation Scholarship Fund.
7. \$5,902.50 from the Estate of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund.
8. \$5,000.00 from Long's College Book Company for the James Edward Hagerty Chair Fund.
9. \$5,000.00 from Donald C. Power for the Donald C. Power Fund in the College of Commerce and Administration.
10. \$4,650.00 from the American Foundation for Pharmaceutical Education for the American Foundation for Pharmaceutical Education Fund.
11. \$4,570.00 from the Ohio Florists Association--\$4,320.00 for the Ohio Florists Association Fellowship Fund and \$250.00 for the Ohio Florists Association Special Fund.
12. \$4,000.00 from the Gluck Educational Foundation--\$2,000.00 for the Helen Gluck Fund and \$2,000.00 for the Gluck Grandchildren Fund.
13. \$4,000.00 from The Link Foundation--\$2,000.00 for the Link Foundation Fund for Aviation Medicine and \$2,000.00 for the Link Foundation Fund for the Department of Aviation.
14. \$3,410.00 from The Jack Wolfram Foundation for The Jack Wolfram Foundation Fund.
15. \$3,333.33 from the United Health Foundations, Inc. for the United Health Foundations Viral Respiratory Disease Research Fund.
16. \$3,000.00 from American Cyanamid Company for the American Cyanamid Fellowship Fund.
17. \$3,000.00 from Howard E. LeFevre and Catharine Bonner LeFevre for the establishment of the Howard E. and Catharine Bonner LeFevre Scholarship Fund.

Howard E. and Catharine Bonner LeFevre Scholarship Fund

The Howard E. and Catharine Bonner LeFevre Scholarship Fund was established March 14, 1966, by gifts through the Development Fund from Howard E. LeFevre, B. Arch. E. '29, and Catharine Bonner LeFevre, B. Sc. Edu. '29.

April 14, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

17. Howard E. and Catharine Bonner LeFevre Scholarship 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, with right to invest and reinvest as occasion dictates.

The income is to be used for scholarships to students attending the Newark Branch of The Ohio State University.

In the event said Newark Branch should cease to exist or should the need for such scholarships so diminish as to create unused income, then said income may be used in the discretion of said Board of Trustees for any purpose, first preference however to be given to scholarships or other forms of student aid.

18. \$2,950.00 from Ohio Bakers Association for the Ohio Bakers Association Research Fund.
19. \$2,000.00 from John D. Cole for the establishment of the John Dana Cole Fund.

John Dana Cole Fund

The John Dana Cole Fund was established March 10, 1966, by a gift through the Development Fund from John D. Cole.

The principal is to be invested in accordance with rules and regulations therefor adopted by the Board of Trustees of The Ohio State University. On request of the donor the principal shall be transmitted to the Treasurer of the State of Ohio to be invested in accordance with Sec. 3345.16 G. C.

The income is to be used to provide a one-year graduate scholarship, fellowship, or grant-in-aid in either the Graduate School or one of the professional colleges to a candidate from one of the intercollegiate athletic squads. If any year there is no candidate, the income shall be permitted to accumulate so that two or more awards could be made in a succeeding year.

There shall be a committee to make recommendations for these awards composed of the Director of Athletics, the Dean of the Graduate School, and the President of the University or his nominee. In making the recommendation for these awards this committee is charged only with aiding a student who shows promise of success in his chosen field.

In case the need for such awards should cease to exist or so diminish as to create unused income then the Board of Trustees of The Ohio State University, which shall be the judge of this condition, may use said income in its discretion, with this request only, that preference be given, if possible, to some activity in the field of athletics.

April 14, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

20. \$1,900.00 from G. D. Searle & Co. for the G. D. Searle & Co. Research in Medicine Fund.
21. \$1,000.00 from Clyde G. Conley for the Clyde G. Conley Fund.
22. \$1,000.00 from Walter English for a purpose to be designated at later date.
23. \$1,000.00 from Dr. William H. Havener for the Ophthalmology Teaching Fund.
24. \$1,000.00 from the Estate of Marguerite A. Hopkins for the establishment of the Wilbur Hopkins Memorial Fund.

Wilbur Hopkins Memorial Fund

The Wilbur Hopkins Memorial Fund was established March 17, 1966, by a bequest from Marguerite A. Hopkins.

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

The income is to be used for aid to deserving students in the field of education.

25. \$1,000.00 in cash and securities from Seward D. Schooler as an unrestricted gift to the University.

TOTAL - Received Through the Development Fund \$142,002.33

C. Gifts-in-Kind

1. A collection of United Nations materials from Christian E. Burckel, Bronxville, New York, for The Ohio State University Library.
2. A collection of books from Dr. Fred A. Hitchcock for The Ohio State University Library.

Upon motion of Mr. Ketterer, 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.

April 14, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Report from The Ohio State University Development Fund

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

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	232	\$ 60,675.09
Individuals other than alumni	87	3,462.24
Nonprofit organizations	42	102,011.02
Business concerns	<u>26</u>	<u>27,132.55</u>
	387	\$193,280.90

Of these gifts, 120 totaling \$880.50 were undesignated and 267 totaling \$192,400.40 were designated.

* * *

V. APPROPRIATION AND TRANSFER OF FUNDS

A. Appropriation for Remodeling of Sisson Hall for Heart Research

At the request of the Vice President for Research and with the concurrence of the Vice President for Business and Finance, it was recommended that a sum not to exceed \$57,000.00 be appropriated from the University Treasurer Research Subaccount (e) to be combined with funds received from the National Institutes of Health for the remodeling of Sisson Hall for heart research.

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

* * *

VI. EXTRA ORDERS TO CONTRACTS

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

A. Extra Orders to Contracts

1. Taylor Tower	\$ 4,558.00
2. Pharmacy Building	730.00
3. Engineering Classrooms and Offices	2,640.00
4. Repairs to Plumbing in Upham Hall	2,946.00
5. Raney Commons	672.00
6. Chemical Research Facilities	<u>80,227.00</u>
Total	<u>\$91,773.00</u>

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

* * *

VII. PLANS AND SPECIFICATIONS

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

A. Completion of Curl Drive

This project will complete Curl Drive near High Street, which portion could not be included in the original construction because the property was not available. Also included in this project are an access drive and curbs for the service court at Drackett Tower.

Funds will be provided from Item 033, H. B. 202, and Dormitory Funds.

B. Ohio Union - Third Floor Addition

This project provides for the construction of an additional floor on the south wing of the Ohio Union to house various offices for the Office of Student Relations.

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

C. Main Library - Additional Stacks

This project provides for the construction of four decks of bookstacks in the undeveloped portion of the tower of the Main Library.

Funds for this project will be provided from the University Treasurer General Fund (Budget Account 801073).

D. Service Center - Laundry

This project provides a standard metal building with masonry walls to house the complete University Laundry and includes only the shell of the building and the roof drainage.

Funds for this project will be provided from Budget Account 801059.

E. Lighting Improvements - Fifteenth Avenue Entrance

This project provides for the replacement of deteriorated wiring and a higher level of illumination.

Funds will be provided from Budget Account 121658.

F. University Airport - Resurfacing Runways

This project will provide a new asphaltic surface to the main runway at University Airport.

Funds will be provided from Budget Account 121658.

VII. PLANS AND SPECIFICATIONS (continued)

G. Telephone Ducts Relocation - Eighteenth Avenue

This project will provide underground conduits for the listening center cables to the Olentangy River Dormitories, extend two electrical power conduits from the Stadium area to tie in with the power house conduit system, and relocate the existing conduits with Ohio Bell Telephone Company cables to clear the construction area for Systems and Electronics Engineering Building.

Funds will be provided from Budget Account 121658.

H. Hughes Hall Auditorium - Repairs to Lighting

This project will replace defective stage dimmer controls and improve the lighting to an acceptable level for classroom use.

Funds will be provided from Budget Account 121658.

I. Roof and Gutter Repairs - Derby Hall and University Airport Hangars

This project will repair the roof of Derby Hall to prevent further leakage and the installation of additional downspouts on the hangars at University Airport to run the roof water underground.

Funds will be provided from Budget Account 121658.

J. Olentangy River Bank Improvements

This project will improve the river bank for the construction of the Center for Tomorrow.

Funds will be provided from Budget Account 801035.

K. University Printing Facility

This project provides a standard metal building with masonry walls, roof drainage, and utility extensions to house the University printing service and related facilities.

Funds will be provided from funds to be transferred from Item 034, H. B. 949, and from general University funds.

April 14, 1966 meeting, Board of Trustees

VII. PLANS AND SPECIFICATIONS (continued)

L. Recreational Facilities Lighting

This project provides the lighting of six intramural touch football fields that will also serve for four intramural softball fields.

Funds will be provided from Budget Account 801075.

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

VIII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken for several projects and contracts were recommended for award. The actions reported to the Board were as follows:

A. North Dormitory Area Site Improvement - West Portion

	<u>Low Bid</u>	<u>Est. of Cost</u>
(2 bids received 3-2-66)		
Pendleton Construction Company (Columbus)	\$ 34,227.00	\$ 42,350.00

Funds for this project are provided from Budget Account 920600.

B. Floor Repairs

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received 3-24-66)		
B & T Carpet and Linoleum Co. (Columbus)	\$ 23,661.00	\$ 40,000.00

Funds for this project are provided from Budget Account 121658.

C. Natatorium - Modernization of Lighting

	<u>Low Bid</u>	<u>Est. of Cost</u>
(4 bids received 3-24-66)		
Pence Electric Company (Columbus)		
Base Bid	\$ 23,720.00	\$ 26,500.00
Alt. E-1 Add Fixture Switches and Wiring	<u>3,943.00</u>	<u>4,500.00</u>
Total Contract	<u>\$ 27,663.00</u>	<u>\$ 31,000.00</u>

Funds for this project are provided from Budget Account 121658.

April 14, 1966 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

D. Interior Painting of Fine Arts and Townshend Hall

	<u>Low Bid</u>	<u>Est. of Cost</u>
(4 bids received 3-24-66)		
Harold F. Mollenauer Painting Company, Inc. (Columbus)	\$ 13,339.00	\$ 41,675.00

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

E. Interior Painting and Patch Plastering of
Brown Hall and Mendenhall Laboratory

	<u>Low Bid</u>	<u>Est. of Cost</u>
(6 bids received 3-24-66)		
Mollenauer Painting Company (Columbus)	\$ 21,450.00	\$ 31,000.00

Funds for this project are provided in Budget Account 121658.

F. Olentangy River Improvements

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received 3-24-66)		
George J. Igel and Company, Inc. (Cols.)	\$ 14,000.00	\$ 16,000.00

Funds for this project will be provided from Item 025, H. B. 949, and Budget Account 121658.

G. Athletic Facility North

	<u>Low Bid</u>	<u>Est. of Cost</u>
(5 bids received 3-29-66)		
General Maintenance and Engineering Co. (Columbus)	\$119,540.00	\$140,000.00

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

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 accomplishes the following purpose:

- 44 Approves the transfer of \$3,122,305.00 from Item 027, H. B. 202, to Item 005, H. B. 202, and releases this amount for construction costs for Physics and Astronomy Building.

April 14, 1966 meeting, Board of Trustees

IX. CONTROLLING BOARD APPROVALS (continued)

- 47 Approves the purchase of property commonly known as 2407 Wood Avenue.
- 48 Approves the purchase of property commonly known as 2402 Kenny Road.
- 51 (Board of Regents) Transfers \$5,300.20 from Item 235-001, H. B. 202, to Item 007, Modular Construction - Newark, for architect's fees for the Newark Branch.

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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 was recommended that Donald Lee Speakman 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. Speakman, 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. Davis, seconded by Mr. Bricker, the above recommendation was approved by unanimous vote.

B. Special Policeman Commission

At the request of the Vice President for Business and Finance, it was recommended that Ronald Wayne Jornd 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. Jornd, 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. Davis, seconded by Mr. Bricker, the above recommendation was approved by unanimous vote.

C. Demolition of Buildings - Lima and Mansfield Campuses

The campus property at both Lima and Mansfield include several old, dilapidated farm residences, barns, and outbuildings which have no justifiable value to the maintenance and operation of the campuses. It was recommended that the Vice President for Business and Finance be authorized to proceed with demolition and removal of such buildings in the most advantageous manner.

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

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

D. Utility Easement - City of Mount Vernon, Ohio

The City of Mount Vernon, Ohio, has requested permission to construct, operate, and maintain a two-inch gas line on lands in Knox County held by the Board of Trustees of The Ohio State University, commonly known as Lakeholm Farm. The gas line will be used to provide gas service to the municipal sewage treatment plant for more efficient operation.

It was recommended that the President and/or the Vice President for Business and Finance be authorized to execute an easement with the City of Mount Vernon on behalf of the Board of Trustees for the purpose stated above.

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

E. University Hospital - Renovating Operating Suites 9, 10, 11, and 12 and Related Areas - Employment of Architects

It was recommended that the architectural firm of Louis F. Karlsberger and Associates, Columbus, Ohio, be employed to provide complete architectural and engineering services for this project including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents, and complete supervision of construction.

The fee for this service will be computed at 10 per cent of the estimated construction cost plus \$5.00 per hour for full-time supervision of construction for a maximum of 800 hours. Funds for this project are provided from the Hospital Rotary.

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

F. Pulsed Van de Graaff Accelerator, Supplement to Architect's Contract

The architectural firm of Benham, Richards and Armstrong was employed to provide complete architectural services for this project.

It was recommended that a supplemental fee in the amount of \$2,636.80 be approved to compensate this firm for additional work on the project.

Funds are available in Item 029, H. B. 949.

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

April 14, 1966 meeting, Board of Trustees

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

G. Purchase of Buildings and Property, 220 West 10th Avenue

It was recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Mrs. Wilma Slater at a price of \$19,000.00:

Property known as 220 West Tenth Avenue, being Lot #15, University Heights Addition, City of Columbus, County of Franklin, State of Ohio.

Dormitory funds are available for this purpose.

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

H. Purchase of Buildings and Property, 212 West 10th Avenue

It was recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Philip E. Carlin at a price of \$19,500.00:

Property known as 212 West Tenth Avenue, being Lot #16, University Heights Addition, City of Columbus, County of Franklin, State of Ohio.

Dormitory funds are available for this purpose.

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

I. Purchase of Buildings and Property, 209-211 West 11th Avenue

It was recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from John F. Vancel and Edythe May Vancel at a price of \$32,500.00:

Property known as 209-211 West Eleventh Avenue, being Lot #23, University Heights Addition, City of Columbus, County of Franklin, State of Ohio.

Dormitory funds are available for this purpose.

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

J. Purchase of Buildings and Property, 205-207 West 11th Avenue

It was recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Eleanor L. Smith at a price of \$29,500.00:

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

J. Purchase of Buildings and Property, 205-207 West 11th Avenue (continued)

Property known as 205-207 West Eleventh Avenue, being Lot #22, University Heights Addition, City of Columbus, County of Franklin, State of Ohio.

Dormitory funds are available for this purpose.

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

K. Purchase of Buildings and Property, 123 West 11th Avenue

It was recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Evelyn H. Roehl at a price of \$17,500.00:

Property known as 123 West Eleventh Avenue, being a 37.5' x 92' tract off the north end of Lot #8, John A. Evan's College View Addition, City of Columbus, County of Franklin, State of Ohio.

Dormitory funds are available for this purpose.

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

L. Purchase of Buildings and Property, 5274 Sawmill Road

It was recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Robert L. Barton, Executor of the Estate of Cordelia Smith, deceased, at a price of \$9,000.00:

Property known as 5274 Sawmill Road, being a 0.98 acre tract beginning at a point in the centerline of Sawmill Road, which point bears North 7 degrees 30 minutes East, 672.00 feet from the intersection of the centerlines of said Sawmill Road and Case Road; thence continuing North 7 degrees 30 minutes East, along the said centerline of Sawmill Road, a distance of 139.00 feet to a point; thence South 82 degrees 4 minutes East, passing an iron pin at 30.0 feet, a distance of 307.10 feet to an iron pin; thence South 7 degrees 30 minutes West, a distance of 139.00 feet to an iron pin; thence North 82 degrees 4 minutes West, passing an iron pin at 277.10 feet, a distance of 307.10 feet to the Point of Beginning; Perry Township, County of Franklin, State of Ohio.

Funds are available in the University Treasurer General Fund for this purchase.

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

April 14, 1966 meeting, Board of Trustees

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

M. Addition to Dodd Hall - Employment of Architects

It was recommended that Dan A. Carmichael, Architect, be employed to provide complete architectural and engineering services for this project including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents, and complete supervision of construction.

The fee will be calculated on the basis of 6 per cent of the contract cost and funds will be provided from Item 016, H. B. 202, and a grant from Hill Burton Program funds.

Upon motion of Mr. Davis, seconded by Mr. Shocknessy, 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 Francis Ashe, Professor Emeritus in the Department of Preventive Medicine; W. Randolph Lovelace, Clinical Assistant Professor in the Department of Preventive Medicine; and William McGlashan Duffus, Professor Emeritus in the Department of Business Organization. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. William Francis Ashe

The Board of Trustees expresses its sorrow at the death on February 27, 1966, of William Francis Ashe, Professor Emeritus, Department of Preventive Medicine.

Dr. Ashe was born in Braddock, Pennsylvania, on December 14, 1909. He was graduated with the A. B. degree from Oberlin College in Ohio and four years later received the M. D. degree from Western Reserve University School of Medicine. He interned at Lakeside Hospital and completed a residency in Internal Medicine at Cincinnati General Hospital. He remained at the University of Cincinnati with research and teaching responsibilities until the war years of 1942-1946. With the United States Army, Dr. Ashe, who attained a rank of Lt. Colonel, Medical Corps, was distinguished for his contributions to the Armed Force Medical Research Laboratory at Fort Knox, Kentucky. His next assignment was to the office of the Surgeon General as Associate Director, Nutrition Division. He later became Director, Nutrition Surveys, Office of Military Government in Germany. Dr. Ashe had extensive foreign travel, including trips under the auspices of the United States Government through Europe, the Far East, and South America. In connection with one nutrition survey carried on in Chile, Dr. Ashe was awarded one of the highest decorations of that country for his service in 1960 to the Chilean Government as Director of the Nutrition Committee of the National Defense Mission.

April 14, 1966 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

A. William Francis Ashe (continued)

After the war, Dr. Ashe became Associate Professor, Industrial Medicine, University of Cincinnati, for the years 1946-1950. His field of research was in human toxicology and in common air pollutants. Under the direction of Dr. Robert A. Kehoe, he developed the first three-year residency program in Occupational Medicine.

In 1950, Dr. Ashe accepted the appointment as Chief, Medical Service, Holzer Hospital, Gallipolis, Ohio. In 1954, Dr. Ashe gave up private practice in Southern Ohio to join the faculty of The Ohio State University, where he was made Professor and the first full-time Chairman of the Department of Preventive Medicine of the College of Medicine. In addition, he held an appointment as Professor, Department of Medicine. He served the University in these capacities until forced to retire in 1965 because of ill health. Under his creative leadership, an exemplary program for instruction of medical students in preventive medicine was developed. Dr. Ashe developed fully approved graduate programs in Nutrition, Occupational Medicine, and Aviation Medicine. He established the only full three-year program in Aviation Medicine outside of the military services. Thus, The Ohio State University became unique in offering such training to civilian physicians.

Dr. Ashe organized basic biometric and epidemiological courses which are a necessary part of training in Aerospace and Occupational Medicine. One of Dr. Ashe's last intensive efforts was in the implementation and procurement of new research facilities for the Department of Preventive Medicine in environmental health. The actual construction of a wing at Wiseman Hall is expected to start within a few months.

Within the University, Dr. Ashe was a member of the Faculty Advisory Committee to the President and Board of Trustees, 1963-1965; Chairman Curriculum Committee, College of Medicine, 1956-1961; and Co-ordinator of the Medical Education for National Defense Program, 1955-1965. Dr. Ashe has held the offices of President, American Academy of Occupational Medicine; Vice President, American College of Preventive Medicine; Editorial Board, Archives of Environmental Health; and Chairman, The American Medical Association Committee on Aerospace Medicine. Dr. Ashe was a Fellow in the Aerospace Medical Association and in the American College of Physicians. He was a member of the Committee on Biophysics of Clothing, National Research Council; and the National Advisory Committee on Hearing, Bioacoustics, and Biomechanics. He was certified by the American Board of Preventive Medicine (Occupational Medicine).

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

XI. RESOLUTIONS IN MEMORIAM (continued)

B. W. Randolph Lovelace

The Board of Trustees expresses its sorrow at the death of W. Randolph Lovelace II, Clinical Assistant Professor, Department of Preventive Medicine.

Dr. W. Randolph Lovelace II was born in Springfield, Missouri, on December 30, 1907. Dr. Lovelace was destined to attain great distinction in the practice of medicine and in the council halls of the nation. He was educated at Washington University, St. Louis, and at Harvard Medical School where he received his medical degree in 1934 and went on to intern at Bellevue Hospital, New York City. He accepted a three-year Fellowship in Surgery at the Mayo Clinic, and after completion of his formal training he continued on at the Clinic. In this capacity, he was instrumental in establishing an Aeromedical Division and shared the credit for developing the BLB oxygen mask which was used so extensively by aviators in World War II. During the war years, Dr. Lovelace became Chief, Aeromedical Laboratory, Wright-Patterson Air Force Base, Dayton, Ohio. He was convinced of the necessity of testing a high altitude parachute jump. Disregarding personal danger, he successfully made a jump from an altitude of 42,000 ft. He experienced the extreme deceleration force that occurs at the moment of parachute opening at such altitudes. He is credited with having demonstrated the importance of delaying such action until after free fall to relatively low altitude. When relieved from active duty in 1946, Dr. Lovelace held the rank of Colonel, Air Force Reserves. In 1961, he was promoted to Brigadier General.

Dr. Lovelace left Rochester, Minnesota, to become associated with the Lovelace Clinic and very soon thereafter was a co-founder of the Lovelace Foundation, Albuquerque, New Mexico. He has been a member of The Ohio State University faculty as Clinical Assistant Professor, Department of Preventive Medicine, since 1961. This appointment recognized his participation in the three-year graduate training program for physicians in Aerospace Medicine. A relatively large number of residents from The Ohio State University have elected to be assigned for their year of "off-campus" field training to the Department of Aerospace Medicine and Bioastronautics, Lovelace Foundation. At the time of his death, Dr. Lovelace was Director of Space Medicine, National Space and Aeronautics Administration, an office into which he was sworn by President Lyndon Johnson, in June, 1964.

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

April 14, 1966 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

C. William McGlashan Duffus

The Board of Trustees expresses its sorrow at the death on March 20, 1966, of William McGlashan Duffus, Professor Emeritus, Department of Business Organization, College of Commerce and Administration.

Professor Duffus was born in Waterbury, Vermont, on January 20, 1886. He received the A. B. degree from Stanford University (1910), the M. A. degree (1913), and the Ph. D. degree (1920) from the University of Wisconsin.

Prior to coming to The Ohio State University, Dr. Duffus was Assistant Professor of Economics, University of Kansas, 1915-1918, and Associate Professor, 1918-1920. He served as Professor of Economics, Boston University, 1920-1927; and as Visiting Professor at the Massachusetts Institute of Technology and the University of Tennessee during summer sessions. Professor Duffus joined the faculty at The Ohio State University in 1927 as Professor of Business Organization, where he remained until he retired in 1956.

In addition to his academic career, Professor Duffus was an investigator for the Wisconsin State Board of Public Affairs, 1911-1913; served with the Railroad Commission of Wisconsin, 1913-1915; worked with the Illinois Health Insurance Commission, summer 1918; and rendered valuable service as economist with the United States Tariff Commission, 1934-1935 and 1942-1945. In the forepart of 1942, he was business consultant to the Board of Economic Welfare. While serving in these positions, Professor Duffus performed valuable research on a number of projects.

Through the years Professor Duffus was an active member of the American Economic Association and the American Finance Association. He was a member of Phi Beta Kappa, Beta Gamma Sigma, and the Crichton Club.

Professor Duffus had a long rewarding career, both in the academic field and in government service. He was devoted to the University and the causes of education. He will long be remembered by all who knew him for his sincerity, friendliness, and dedication to his work.

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

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President Fawcett reported to the Board the receipt of a communication from Mr. Lawrence E. Laybourne, who had written in response to the Resolution in Memoriam for his late father who served on the Board from May 14, 1921 through May 13, 1938, which was adopted by the Board at its meeting on March 10, 1966. Mr. Laybourne expressed his deep appreciation to the Board and the feeling that the Resolution in Memoriam reflected very well his father's dedication to the University.

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XII. REPORTS

A. Report on Highlights of Campus Activities

President Fawcett reported to the Board on some of the significant activities of the University during recent weeks. Some references included in the Report, which is filed with the official records of the Secretary, were as follows:

1. The University has been granted 34 First-Year National Science Foundation Traineeship Awards for 1966-67. The awards are made directly to the institution which in turn selects the students for doctoral study in the physical, biological and social sciences, engineering, and mathematics. This is the highest number granted to Ohio State in the three years of the program. Ohio State ranks fifth in the Big 10 and thirteenth nationally in the number of new awards.
2. The University has been granted 65 graduate fellowships in 15 departments of academic interest under the National Defense Education Act.
3. Two Ohio State students have been named Woodrow Wilson Fellows and twenty-four--twice as many as ever before--won honorable mention.
4. The Ohio Academy of Science will hold its 75th anniversary meeting April 21-23 at Ohio State, where the Academy was started in 1891.
5. The Ohio State chapter of Phi Beta Kappa has announced the election of 31 members to the national scholastic honorary society.
6. Recognition of administration and faculty achievement; President Novice G. Fawcett was elected president of the Ohio College Association during the organization's 95th annual meeting April 2; Professor Robert H. Bremner, Department of History, was elected president of the Ohio Academy of History; Dr. Lloyd M. Parks, Dean of the College of Pharmacy, was the 1966 recipient of the American Pharmaceutical Association Foundation Award for the Advancement of Pharmacy; Dr. James B. Christoph, Department of Political Science, will serve in Italy as a visiting professor in 1966-67 at the Bologna Center of the Johns Hopkins University's School of Advanced International Studies; Dr. Ernest G. Ehlers, Department of Mineralogy, has received a Fulbright Lectureship Award for teaching in The Netherlands during 1966-67; Professor Fred A. Zimmer, Jr., School of Art, has received a Fulbright Grant to do research in India; Dr. Edwin P. Hiatt, Professor of Physiology, has been elected a corresponding member of the life science section, International Academy of Astronautics; Professor John E. Horrocks, Department of Psychology, has been named editor of the "Journal of Genetic Psychology" and "Genetic Psychology Monographs."

April 14, 1966 meeting, Board of Trustees

XII. REPORTS (continued)

B. Report on the University's Investment Portfolio

The report on the University's Investment Portfolio dated March 31, 1966, as submitted to the Finance and Investment Committee of the Board of Trustees and distributed to all members of the Board, was ordered to be filed with the official records of the Board.

* * *

Thereupon the Board adjourned to meet Thursday, May 12, 1966, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

John T. Mount
Secretary

Alan B. Loop
Chairman

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

Columbus, Ohio, May 12, 1966

The Board of Trustees met at its regular monthly meeting on Thursday, May 12, 1966, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

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

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Minutes of the last meeting were approved.

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May 12, 1966 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Modification of Master Plan

The official campus master plan, which was adopted by the Board of Trustees on February 16, 1962, has been modified on five occasions, always within the limits of the basic principles and concepts approved by the Board of Trustees in its original adoption.

The following additional changes are now proposed:

1. Modify the Medical Center area to reflect results of design studies on the first two new buildings (Nursing and Basic Science), and to provide slightly more space within the Loop Road for Medical Center expansion.
2. Modify slightly the land acquisition boundary along the south side of West Ninth Avenue to accommodate the realignment of the Loop Road.
3. Reverse the locations of the proposed buildings (a) Foreign Language Building and English Building, and (b) Horticulture and Forestry Building and Agronomy Building. These reversals are required by reason of the timing of appropriations for the proposed Foreign Language Building and the proposed Horticulture and Forestry facilities.

These changes are shown on the accompanying maps, identified as Exhibit A dated May 12, 1966, and are consistent with the principles and concepts approved by the Board of Trustees in adopting the master plan in 1962.

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

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

B. Renaming of "Jones Tower"

At the request of the Dean of the Graduate School, who acted following a request from the Graduate Student Council, it was recommended that the building now identified as "Jones Tower" (by action of the Board of Trustees on September 7, 1962), to be erected at 101 Curl Drive, be renamed "Jones Graduate Tower." This action was recommended because of its intended use as a residence hall for graduate students.

May 12, 1966 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Renaming of "Jones Tower" (continued)

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

Upon motion of Mr. France, seconded by Mr. Davis, the Board of Trustees by unanimous vote approved the renaming of the residence hall located at 101 Curl Drive as "Jones Graduate Tower."

C. Establishment of Two-Year College (University College)

The establishment of a two-year college as an integral part of The Ohio State University and to be located on the western portion of the Columbus Main Campus has been a subject of study and planning by administration and faculty for well over three years. Initial action by the faculty was taken on December 8, 1964, when the Faculty Council voted to support the President in his intention to appoint a committee of the faculty to develop an educational plan for a two-year college. Appointed on December 22, 1964, this Committee submitted a 137-page report to the Office of Academic Affairs on December 2, 1965, entitled, "A Plan for Lower-Division Study on the Main Campus of The Ohio State University: The Proposed Educational Role for the New Two-Year College on the West Campus and Recommendations on the Interrelationships of All Lower-Division Curricula." Since then the report has been studied extensively by the Council on Instruction. During the Spring, 1965, the Committee presented an interim report to many councils and administrative units of the University. A report to the faculty of the University was made by the Committee at the regular Autumn Faculty Meeting held in Mershon Auditorium on December 2, 1965. A similar report was presented to the Board of Trustees of The Ohio State University on December 9, 1965.

On May 10, 1966, the Faculty Council approved a recommendation, as submitted by Vice President John C. Weaver for the Council on Instruction, that a two-year college offering lower-division programs of study be established.

It was recommended therefore that the following resolution be adopted:

WHEREAS, a two-year college to function under the open access policy of public higher education in the State of Ohio has been studied and approved by both administration and faculty of The Ohio State University; and

WHEREAS, the Ohio Board of Regents in its "Provisional Master Plan for State Policy in Support of Higher Education in Ohio," recommends assistance in the development of this college; and

WHEREAS, this college is intended to provide excellence in teaching and counseling and high-quality undergraduate programs of collegiate study at the lower-division level;

May 12, 1966 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Establishment of Two-Year College (University College) (continued)

NOW, THEREFORE, BE IT RESOLVED that this college be established effective July 1, 1966, as the University College of The Ohio State University to be located on the western portion of the Columbus Campus; and be it

FURTHER RESOLVED, in accordance with the usual policies and procedures, the President and Vice President for Business and Finance be authorized to proceed with plans for construction of the required facilities and obtain the necessary release of funds appropriated for this purpose in H. B. 949.

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

D. Major Medical Insurance Contract

The passage of the Medicare Federal health insurance program requires detailed revisions in the University's Major Medical Program to provide for payments not covered by Medicare and to avoid duplicating payments available to the insured under the Medicare plan.

The Insurance Consultants for the University have made detailed recommendations for a revised University Major Medical Contract with the John Hancock Mutual Life Insurance Company. It was therefore recommended that the President and/or the Vice President for Business and Finance be authorized to proceed with such revisions in the Major Medical Contract as are necessary to conform to the Medicare plan for those employees who are 65 years of age and older.

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

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II. PERSONNEL CHANGES

In addition to the regular personnel changes recorded in the official "Salary Roll" since the April 14, 1966 meeting of the Board of Trustees, President Fawcett recommended that the following Appointments, Promotions, Changes in Administrative Responsibilities, Leaves of Absence Without Salary, and Emeritus Titles be approved by the Board:

A. Appointments

Marshall C. Yovits appointed as Professor of Information Science in the Office of Academic Affairs, at a salary of \$24,768.00 per annum, effective July 1, 1966.

Bradley Chapin appointed as Professor and Chairman of the Department of History, at a salary of \$23,268.00 per annum, effective October 1, 1966.

May 12, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Appointments (continued)

Zvi Ankori appointed as a Visiting Professor to fill the Samuel and Esther Melton Professorship of Jewish History and Studies in the Department of History, at a salary of \$16,407.00 for the period, effective October 1, 1966 through June 30, 1967.

Patricia B. Boyd appointed as Assistant Dean of Women, Office of the Dean of Women, at a salary of \$3,863.00 per annum, effective August 1, 1966.

B. Promotions

Elmer F. Baumer from Professor, Department of Agricultural Economics and Rural Sociology, to Associate Dean in the Graduate School, at a salary of \$19,572.00 per annum, and Associate Dean in the newly established University College, without salary, effective July 1, 1966. He will continue to hold the rank of Professor in the Department of Agricultural Economics and Rural Sociology at No Salary.

Mervin G. Smith from Professor and Chairman, Department of Agricultural Economics and Rural Sociology, to Assistant Dean, International Affairs (part time - 79%), in the College of Agriculture and Home Economics, at a salary of \$16,200.00 per annum, effective September 1, 1966. He will continue to hold the rank of Professor (part time - 21%) in the Department of Agricultural Economics and Rural Sociology, at a salary of \$4,272.00 per annum.

C. Changes in Administrative Responsibilities

John J. Stephens III from Assistant Dean of Off-Campus Education to Assistant Dean in the University College, at a salary of \$14,268.00 per annum, effective July 1, 1966.

Dennis D. Bell from Director of the Lakewood Branch Campus to Assistant Dean of the University College and Coordinator of the Off-Campus Branches, at a salary of \$13,968.00 per annum, effective July 1, 1966.

D. Leaves of Absence Without Salary

Byron L. Bondurant, Professor, Department of Agricultural Engineering, effective July 1, 1966 through April 30, 1967, to continue to serve as consultant at the Punjab Agricultural University in India under The Ford Foundation grant.

May 12, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

Rafael V. Chacon, Professor, Department of Mathematics, effective October 1, 1966 through September 30, 1967, to accept a Visiting Professorship at the University of Minnesota.

Harry L. Coles, Jr., Professor, Department of History, effective October 1, 1966 through September 30, 1967, to accept an appointment as the Ernest J. King Professor of Maritime History at the Naval War College, Newport, Rhode Island.

Roland J. Stanger, Professor, College of Law, effective October 1, 1966 through September 30, 1967, to continue to serve as Visiting Professor at Haile Sellasie University, Faculty of Law.

David Brody, Associate Professor, Department of History, effective October 1, 1966 through December 31, 1966, to engage in research and writing.

Robert J. Bumcrot, Assistant Professor, Department of Mathematics, effective October 1, 1966 through September 30, 1967, to pursue an educational program in England.

Joan Vernikos Danellis, Assistant Professor, Department of Pharmacology, effective July 1, 1966 through June 30, 1967, for personal reasons.

Jacoba C. de Neef, Assistant Professor, Department of Obstetrics and Gynecology, effective July 1, 1966 through June 30, 1967, to continue teaching and research in Rotterdam, The Netherlands.

Ralph E. Franklin, Jr., Assistant Professor (part time - 14%), Department of Agronomy, effective July 1, 1966 through June 30, 1967, to set up a radioisotope laboratory in Lima, Peru, for the International A. E. C. (This leave of absence voids the leave granted April 14, 1966.)

Luisse C. Kappe, Assistant Professor, Department of Mathematics, effective July 1, 1966 through September 30, 1966, for personal reasons.

Leona A. Mourad, Instructor, School of Nursing, effective July 1, 1966 through September 30, 1966, to continue an educational program at The Ohio State University.

May 12, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

E. Emeritus Titles

W. Lloyd Sprouse, Office of Admissions, with the title Director of Admissions Emeritus, effective July 1, 1966.

T. Scott Sutton, College of Agriculture and Home Economics - Administration, with the title Associate Dean Emeritus, and Department of Animal Science, with the title Professor Emeritus, effective July 1, 1966.

Donald S. Bell, Department of Animal Science, with the title Professor Emeritus, effective July 1, 1966.

Nicholas T. Bobrovnikoff, Department of Astronomy, with the title Professor Emeritus, effective July 1, 1966.

Charles D. Cooper, Department of Engineering Drawing, with the title Professor Emeritus, effective July 1, 1966.

David S. Craig, Department of Business Organization, with the title Professor Emeritus, effective July 1, 1966.

Michael J. Jucius, Department of Business Organization, with the title Professor Emeritus, effective July 1, 1966.

Delbert Oberteuffer, Department of Physical Education - Men's Division, with the title Professor Emeritus, effective July 1, 1966.

Daniel M. Shonting, Department of Accounting, with the title Professor Emeritus, effective July 1, 1966.

Henry H. Simms, Department of History, with the title Professor Emeritus, effective July 1, 1966.

Grant L. Stahly, Department of Microbiology, with the title Professor Emeritus, effective July 1, 1966.

Harold R. Walley, Department of English, with the title Professor Emeritus, effective July 1, 1966.

J. Dean Wilson, Department of Botany and Plant Pathology, with the title Professor Emeritus, effective July 1, 1966.

Avery D. Pratt, Department of Dairy Science, with the title Associate Professor Emeritus, effective July 1, 1966.

Alva M. Tuttle, Department of Economics, with the title Associate Professor Emeritus, effective September 1, 1966.

May 12, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

E. Emeritus Titles (continued)

Lois Lampe, Department of Botany and Plant Pathology, with the title Assistant Professor Emeritus, effective September 1, 1966.

Dorothy C. Schreck, Library, with the title Assistant Professor Emeritus, effective July 1, 1966.

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

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III. GENERAL CONTRACTS AND AGREEMENTS

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

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on September 5, 1950, it was recommended that the research agreements for the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

1. Government Contracts - Federal

- a. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Constancy of Mandibular Rest Position (to be known as National Institutes of Health Project No. 907 - Ext. #6 - College of Dentistry).
Gross Value - \$10,238.00.
- b. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C., Milk Protein Changes at Elevated Temperatures (to be known as Bureau of State Services Project No. 1264 - Ext. #5 - Department of Dairy Technology).
Gross Value - \$20,604.00.
- c. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Effects of Viruses on Germ-free Dogs and Cats (to be known as National Institutes of Health Project No. 1356 - Ext. #4 - Department of Veterinary Pathology).
Gross Value - \$48,954.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- d. Department of Health, Education, and Welfare, Vocational Rehabilitation Administration, Washington, D. C., Language Retraining for Aphasics (to be known as Vocational Rehabilitation Administration Project No. 1630 - Ext. #3 - Department of Speech).
Gross Value - \$32,243.00.
- e. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Highly Strained Nitrogen Heterocyclics (to be known as National Institutes of Health Project No. 1640 - Ext. #3 - Department of Chemistry).
Gross Value - \$17,090.00.
- f. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., A Study of Eye Movements in Television Viewing (to be known as Office of Education Project No. 1819 - Amend. #3 - School of Education).
Gross Value - \$32,565.00.
- g. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Intermittent Services for Contributive Research in Thermo-Mechanics (to be known as Systems Engineering Group, Research and Technology Division Project No. 1862 - Sup. #7 - RF Internal Supervision).
Gross Value - \$100,000.00.
- h. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research on Dislocation Interactions in Relation to Mechanical Properties of Metals and Alloys (to be known as Systems Engineering Group, Research and Technology Division Project No. 1934 - C. O. #3 - Department of Metallurgical Engineering).
Gross Value - \$26,868.00.
- i. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Techniques for Integrating Solid-State Circuitry Into Antennas (to be known as Systems Engineering Group, Research and Technology Division Project No. 2142 - Sup. #1 - Department of Electrical Engineering).
Gross Value - \$60,000.00.
- j. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, National Symposium on Animal Waste Management (to be known as National Institutes of Health Project No. 2185 - New - Department of Agricultural Engineering).
Gross Value - \$6,500.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- k. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, A Definitive Study of the Characteristic of Toughness of Engineering Materials (to be known as Systems Engineering Group, Research and Technology Division Project No. 2188 - New - Department of Metallurgical Engineering). Gross Value - \$20,000.00.
- l. U. S. Department of Labor, Office of Manpower, Automation and Training, Washington, D. C. , The Development and Utilization of Managerial Talent: A Labor Market Study of Managers in Manufacturing Establishments (to be known as Office of Manpower, Automation and Training Project No. 2189 - New - Department of Economics). Gross Value - \$1,899.00.
- m. National Science Foundation, Washington, D. C. , Support of 1966 Symposium on Molecular Structure and Spectroscopy at The Ohio State University (to be known as National Science Foundation Project No. 2191 - New - Department of Physics). Gross Value - \$2,380.00.
- n. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Histological Research on the Central Nervous System and Enzymes of the Inner Ear (to be known as Systems Engineering Group, Research and Technology Division Project No. 2192 - New - Department of Otolaryngology). Gross Value - \$12,236.00.

TOTAL - Government Contracts - Federal \$391,577.00

2. Industrial and Other Contracts

- a. American Iron & Steel Institute, 150 East 42nd Street, New York, New York, Properties of Liquid Iron and Steel (to be known as American Iron & Steel Institute Project No. 2031 - Amend. #1 - Department of Metallurgical Engineering). Gross Value - \$30,500.00.
- b. Columbus Board of Education, Columbus Public Schools, 270 East State Street, Columbus, Ohio, Evaluation for Columbus Public Schools - Title I, E-S Education Act of 1965 (to be known as Columbus Board of Education Project No. 2175 - Definitive Contract - School of Education). Gross Value - \$105,800.00.

May 12, 1966 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

2. Industrial and Other Contracts (continued)

- c. Battelle Memorial Institute, Columbus Laboratories, 505 King Avenue, Columbus, Ohio, Bibliographic and Microfilm Library on Acclimatization to Terrestrial Altitude (to be known as Battelle Memorial Institute Project No. 2186 - New - The Ohio State University Libraries).
Gross Value - \$46,000.00.

TOTAL - Industrial and Other Contracts \$182,300.00

The foregoing seventeen contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$573,877.00.

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

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since April 14, 1966, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

A. Administered Through the Office of Business and Finance

- 1. \$750,000.00 granted by National Science Foundation to the University for the project entitled "Expansion of Computer Center." This project is under the direction of Professor Roy F. Reeves, Computer Center, and is for a period of approximately three years, beginning July 1, 1966. (GP-5770)
- 2. \$222,130.00 granted by the Department of Health, Education, and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University for the College Work-Study Program authorized under Title I, Part C, of the Economic Opportunity Act of 1964. (OE 38 45 0430)
- 3. \$78,539.00 granted by the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of the program "Parasitology and Medical Entomology," under the direction of Dr. G. W. Wharton, Department of Zoology and Entomology, for the period July 1, 1966 through June 30, 1967. (Grant No. 2 T01 A100216-06)

May 12, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

4. \$49,835.00 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 1, 1966 through June 30, 1967. (Project No. 66-45)
5. \$30,000.00 granted by the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of the "Health Professions Scholarship Program," under the direction of Dr. Richard L. Meiling, Dean of the College of Medicine, for the period July 1, 1966 through June 30, 1967. (Grant No. 2-036-62137-12)
6. \$25,000.00 granted by National Science Foundation to the University for the purchase of Instructional Scientific Equipment. This grant is under the direction of Professor E. L. Jossem, Department of Physics, and terminates on April 30, 1968. (GY-1747)
7. \$14,550.00 granted by National Science Foundation to the University for support of an "In-Service Institute in Mathematics for Secondary School Teachers for 1966-67," under the direction of Professor Gerald E. Meike, Department of Mathematics, Dayton. This grant terminates on June 30, 1967. (GW-974)
8. \$10,650.00 granted by National Science Foundation to the University for support of an "In-Service Institute in Physics for Secondary School Teachers of Science and Mathematics for 1966-67," under the direction of Professor William R. Riley, Department of Physics. This grant terminates on June 30, 1967. (GW-832)

TOTAL - Through the Office of Business and Finance \$1,180,704.00

B. Received Through the Development Fund

1. \$10,000.00 from The Bremer Foundation, Youngstown, Ohio, for research in the College of Medicine.
2. \$8,517.00 from The Charles F. High Foundation, Bucyrus, Ohio, for the Charles F. High Foundation Scholarship Fund.
3. \$8,325.00 from Wyeth Laboratories, Philadelphia, Pennsylvania, for research in the Department of Obstetrics and Gynecology.
4. \$8,000.00 from Dorothy H. and Lewis Rosenstiel Foundation, New York, New York, for the Heart Holding Fund.
5. \$6,125.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund.

May 12, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

6. \$5,500.00 from Owens-Corning Fiberglas Corporation, Granville, Ohio, for the Owens-Corning Fiberglas Corporation Fund for Mechanical Engineering.
7. \$5,000.00 from Eli Lilly and Company, Indianapolis, Indiana, for research in the College of Medicine.
8. \$4,216.00 from the Grace High Washburn Trust for the Grace High Washburn Trust Scholarship Fund.
9. \$3,500.00 from Sandoz, Inc. for the Arthritis and Rheumatism Foundation.
10. \$2,546.25 from Mrs. William B. Jencks (Louise A.) for the William B. Jencks Memorial Fund.
11. \$2,000.00 from The Gluck Educational Foundation, Inc. and Arthur Gluck for the establishment of the Revered Teachers and Classmates Fund.

Revered Teachers and Classmates Fund

The Revered Teachers and Classmates Fund was established April 14, 1966, by a gift through the Development Fund from The Gluck Educational Foundation, Inc. and Arthur Gluck, to honor his favorite teachers, Elisha S. Loomis, at one time Professor of Mathematics at Baldwin University, his teacher at West High School, Cleveland, Ohio; the late Professors of Philosophy at The Ohio State University, Joseph A. Leighton, Albert R. Chandler, and Albert E. Avey; and his favorite classmates, D. Luther Evans, Professor Emeritus of Philosophy, The Ohio State University, and Oliver L. Riser, Professor Emeritus of Philosophy, University of Pittsburgh.

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

The income may be used to aid a graduate student of medicine who has successfully completed the general examinations toward the Ph.D. or Sc.D., or an equivalent terminal degree and has selected a research project in the field of hypertension. The income may be used along with other monies available to supplement a stipend or a research project in the aforementioned field.

The income is to be awarded only for basic research (not for applied technology or for a clinical project) in the College of Medicine. The appointment of the recipient of this money is to be made by Dwight M. Palmer, M.D., the Director of the Division of Neurology, in consultation with Dr. Richard L. Meiling, Dean of the College of Medicine.

May 12, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

11. Revered Teachers and Classmates Fund (continued)

In the event the need for this income in the area stipulated should cease to exist or so diminish as to create unused income, then the Board of Trustees may use said income in its discretion, preference to be given, however, to basic work in the field of medicine but not to any applied technology.

12. \$1,000.00 from Chevron Oil Company for the California Company Geology Department Fund.
13. \$1,000.00 from Mrs. Dolly Lurie Cohen for the Student Athlete Grant-in-Aid Fund.
14. \$1,000.00 from J. Parker Garwick for a purpose to be designated later.
15. \$1,000.00 from Thomas F. Patton for a purpose to be designated later.
16. \$1,000.00 from Henry G. Schmidt for the Ottawa Club Fund.

TOTAL - Received Through the Development Fund \$68,729.25

C. Gifts-in-Kind

1. Two Regency 505 Transponders from Regency Avionics for the Department of Aviation.
2. A collection of 880 volumes of texts, reports, statutes, digests, and other materials from Everette B. and Lawrence E. Laybourne for the Law Library of the College of Law. These items were the property of the late Lawrence E. Laybourne, a member of the Board of Trustees from May 14, 1921 through May 13, 1938.

Upon motion of Mr. Allyn, seconded by Dr. Thomas, 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 March, 1966, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	17,359	\$173,179.29
Individuals other than alumni	93	7,649.55
Nonprofit organizations	54	36,704.05
Business concerns	14	34,159.79
	<u>18,025</u>	<u>\$251,692.68</u>

May 12, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

Of these gifts, 15,752 totaling \$106,894.75 were undesignated and 2,273 totaling \$144,797.93 were designated.

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V. APPROPRIATIONS AND TRANSFER OF FUNDS

A. Appropriation for Purchase of Instructional Equipment

At the request of the Vice President for Research and with the concurrence of the Vice President for Business and Finance, it was recommended that a sum not to exceed \$31,800.00 be appropriated from the University Treasurer Research Subaccount (f) to be combined with \$25,000.00 from the National Science Foundation for the purchase of instructional scientific equipment in the Department of Physics.

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

B. 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 was recommended that \$3,000.00 be appropriated from Account No. 122120 for the use of the Ohio Journal of Science for the period from July 1, 1966 through June 30, 1967.

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

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VI. EXTRA ORDERS TO CONTRACTS

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

A. Extra Orders to Contracts

1. Engineering Classrooms and Laboratories	\$24,709.29
2. Mansfield Campus, General Academic Facility	12,773.81
3. Lima Campus, General Academic Facility	6,324.55
4. Pharmacy Building	<u>1,396.00</u>
	<u>\$45,203.65</u>

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

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May 12, 1966 meeting, Board of Trustees

VII. PLANS AND SPECIFICATIONS

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

A. Food Facility, Phase III

This project provides for the addition of a Test Kitchen, Lunch Room, and Control Laboratory; and remodeling in the Bakery, Pot and Pan Wash Room, Boiler Room, Offices, and Rest Rooms.

Funds for this project will be provided from Dormitory Revenue.

B. University Airport--Apron and Taxiway Surfacing

This project provides a new blacktop surface to the ramp and a portion of the taxiways.

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

C. Pomerene Hall--Modernization of Air Conditioning

This project provides a new central heating, ventilating, and air conditioning system with additional outdoor air to compensate for present shortage of make-up air for kitchen exhaust system.

Funds for this project will be provided from Budget Account 157400.

D. Roof Repairs for 1966

This project will provide roofing repairs for the Alumni House, Arps Hall, Dentistry Building, Hamilton Hall, Mershon Auditorium, Robinson Laboratory, and Upham Hall.

Funds for this project will be provided from Budget Accounts 121658 and 960200.

E. Masonry Repairs for 1966

This project will provide masonry repairs for the Administration Building, Arps Hall, Boyd Laboratory, Dentistry Building, Engineering Experiment Station, Fine Arts, Hamilton Hall, Law Building, Lord Hall, Ohio Legal Center, Oxley Hall, Research Center, Sisson Hall, Stillman Hall, and Stores and Receiving Building.

Funds for this project will be provided from Budget Accounts 121658 and 998200.

VII. PLANS AND SPECIFICATIONS (continued)

F. Street Repairs for 1966

This project provides paving, surface treatment, and sealing gutters on Fyffe Road, Neil Avenue, Coffey Road, Incinerator Road, Service Road, and Stadium Drive.

Funds for this project are provided from Budget Account 121658.

G. Exterior Painting for 1966

This project provides repainting the exterior of Aeronautical Engineering, Brown Hall, Caldwell Laboratory, Dental Building, Hamilton Hall, Law Building, Pomerene Hall, and St. John Arena.

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

H. Parking Ramp, Arps Hall Area

This project is a concrete structure designed to park 631 cars with a base-ment level and eight staggered levels above ground.

Funds for this project will be provided from Budget Account 801067.

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

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VIII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken for several projects and contracts were recommended for award. The actions reported to the Board were as follows:

A. Hamilton Hall - Repairs to Rooms 200 and 201

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (2 bids received 2-28-66) Waller and Lund, Inc. (Columbus)		
Base Bid	\$ 2,190.00	\$ 4,051.00
Alt. G-1 Suspended Ceiling	+ 785.00	+ 900.00
Total	<u>\$ 2,975.00</u>	<u>\$ 4,951.00</u>

May 12, 1966 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

A. Hamilton Hall - Repairs to Rooms 200 and 201 (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u> (4 bids received 2-28-66)		
Mid-City Electric Company (Columbus)		
Base Bid	\$ 2,659.00	\$ 4,341.00
Alt. E-1 Revised Lighting System	- 200.00	- 100.00
Total	<u>\$ 2,459.00</u>	<u>\$ 4,241.00</u>
<u>Heating, Ventilating, and Air</u> <u>Conditioning Contract</u> (3 bids received 2-28-66)		
Comfort Contractors (Columbus)	\$ 4,593.00	\$ 5,776.00
<u>Plumbing Contract</u> (3 bids received 4-8-66)		
Main Plumbing Company (Columbus)	\$ 1,467.96	\$ 3,500.00
<u>Laboratory Equipment Contract</u> (2 bids received 4-8-66)		
Sheldon Equipment Company (Muskegon, Michigan)	\$ 4,997.00	\$ 6,031.00
<u>Total Contracts</u>	<u>\$ 16,491.96</u>	<u>\$ 24,499.00</u>

Funds for this project are provided from Budget Account 129090.

B. Hamilton Hall - Repairs to Rooms 107, 114, 115A, 115B, 204A, and 214A

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (2 bids received 2-28-66)		
Robert H. Johns Company (Columbus)		
Base Bid	\$ 5,116.00	\$ 8,027.00
Alt. G-1 Suspended Ceiling	+ 1,148.00	+ 1,300.00
Total	<u>\$ 6,264.00</u>	<u>\$ 9,327.00</u>
<u>Electrical Contract</u> (4 bids received 2-28-66)		
Mid-City Electric Company (Columbus)		
Base Bid	\$ 2,745.00	\$ 6,513.00
Alt. E-1 Revised Lighting System	- 200.00	- 100.00
Total	<u>\$ 2,545.00</u>	<u>\$ 6,413.00</u>
<u>Plumbing Contract</u> (3 bids received 4-8-66)		
Main Plumbing Company (Columbus)	\$ 4,235.14	\$ 6,008.00

May 12, 1966 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

B. Hamilton Hall - Repairs to Rooms 107, 114, 115A, 115B, 204A, and 214A
(continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Laboratory Equipment Contract</u> (2 bids received 4-4-66)		
American Woodwork Supply Company (Columbus)	\$ 7,983.00	\$ 11,452.00
<u>Total Contracts</u>	<u>\$ 21,027.14</u>	<u>\$ 33,200.00</u>

Funds for this project are provided from Budget Account 129090.

C. Research Center Offices - Repairs and Improvements

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (5 bids received 4-22-66)		
Payt Construction Company (Columbus)		
Base Bid	\$ 12,725.00	\$ 16,000.00
Alt. G-1 Basement Corridor Flooring and Painting	525.00	600.00
Alt. G-4 Installation of Air Condition- ing	390.00	700.00
Total	<u>\$ 13,640.00</u>	<u>\$ 17,300.00</u>
<u>Electrical Contract</u> (3 bids received 4-22-66)		
Reco Electric (Columbus)		
Base Bid	\$ 11,525.00	\$ 15,500.00
Alt. E-1 Complete Telephone System	333.00	1,000.00
Alt. E-3 Wiring for Air Conditioning	740.00	900.00
Total	<u>\$ 13,098.00</u>	<u>\$ 17,400.00</u>

The Heating, Ventilating, and Air Conditioning and Plumbing bids were over the estimate of cost and will be readvertised at a later date.

Funds for this project will be provided from Research Foundation funds.

D. Aircraft Apron and Fire-Crash and Rescue Building

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (4 bids received 5-3-66)		
Payt Construction Co., Inc. (Columbus)		
Base Bid	\$ 62,490.00	\$ 64,844.00
Alt. G-1 Steel Garage Doors	175.00	300.00
Total	<u>\$ 62,665.00</u>	<u>\$ 65,144.00</u>

May 12, 1966 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

D. Aircraft Apron and Fire-Crash and Rescue Building (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u> (3 bids received 5-3-66)		
Bruner Corporation (Columbus)	\$ 18,954.00	\$ 19,363.00
<u>Heating and Ventilating Contract</u> (4 bids received 5-3-66)		
Zack Plumbing and Heating (Columbus)	\$ 11,635.00	\$ 12,582.00
<u>Electrical Contract</u> (2 bids received 5-3-66)		
Sterling Electric Co. (Dublin, Ohio)	\$ 14,200.00	\$ 16,730.00
<u>Air Craft Apron Contract</u> (3 bids received 5-3-66)		
Farley Paving, Inc. (Columbus)	\$ 35,302.65	\$ 38,429.00
<u>Total Contracts</u>	<u>\$142,756.65</u>	<u>\$152,248.00</u>

Funds for this project will be provided from a grant from the Federal Aviation Agency and Budget Account 179011.

Upon motion of Mr. Ketterer, seconded by Mr. Jones, 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.

IX. CONTROLLING BOARD APPROVALS

Each numbered request shown below accomplishes the following purpose:

49 Approves negotiation for the purchase of property located at 132 West Tenth Avenue at a cost not to exceed \$16,000.00 and if negotiation fails, to initiate appropriation action.

50 Approves the transfer of \$179,495.00 from Item 027 Graduate Research Center for Engineering and Physical Sciences to Item 005 Physics and Astronomy Building and releases this money for the laboratory and classroom equipment contract.

51 Approves the transfer of \$80,227.00 from Item 027 Graduate Research Center for Engineering and Physical Sciences to Item 010 Chemistry Research Facilities to provide for laboratory benches.

Board of Regents

35 Approves the transfer of \$900,000.00 from Item 006 University Branches to Item 050 Mansfield Campus, Phase II, and releases \$43,000.00 of this amount to provide funds for planning this project.

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Special Policeman Commission

At the request of the Vice President for Business and Finance, it was recommended that Michael Linn Schimmel 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. Schimmel, 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. Davis, seconded by Mr. France, the above recommendation was approved by unanimous vote.

B. Special Policeman Commission

At the request of the Vice President for Business and Finance, it was recommended that Richard Harold Thomas 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. Thomas, 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. Davis, seconded by Mr. France, the above recommendation was approved by unanimous vote.

C. Purchase of Buildings and Property, 235 West Tenth Avenue

It was recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Phyllis A. Owen at a price of \$20,000.00:

Property known as 235 West Tenth Avenue, being Lot 45 except a 5' x 30' tract off the southwest corner, Elizabeth J. McMillen's University Addition, City of Columbus, County of Franklin, State of Ohio.

Funds are available from Parking Revenue.

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

D. Employment of Engineers - Research Space, East Side of Stadium, Phase IV

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

May 12, 1966 meeting, Board of Trustees

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

D. Employment of Engineers - Research Space, East Side of Stadium, Phase IV
(continued)

The fee will be calculated on the basis of 6 per cent of the structural contract or an estimated \$6,420.00. Funds will be provided from the University Treasurer Research Account.

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

E. Employment of Architects - General College (University College), Building #2 (Laboratory Building)

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

The fee for this service will be calculated on the basis of 6 per cent of \$1,000,000.00, 5 1/2 per cent of the next \$1,000,000.00 and 5 per cent of all over \$2,000,000.00. Funds will be provided from Item 037, H. B. 949, for this project.

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

F. Employment of Architects - Service Center--Laundry, Phase II

It was recommended that Richard D. Levin be employed to provide complete architectural and engineering services for this project including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents, and complete supervision of construction.

The fee for this service will be calculated on the basis of 6 per cent of the construction cost or an estimated fee of \$29,616.00. Funds for this project are provided from Budget Account 301059.

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

G. Employment of Architects - University Printing Facility, Phase II

It was recommended that Richard D. Levin be employed to provide complete architectural and engineering services for this project including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents, and complete supervision of construction.

The fee for this service will be calculated on the basis of 6 per cent of the construction cost or an estimated fee of \$24,930.00. Funds for this project are provided from general University funds.

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

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

H. Employment of Architects - University Hospital, Renovating Operating Rooms 1 through 6 and Related Areas

It was recommended that Dan A. Carmichael be employed to provide complete architectural and engineering services for this project including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents, and complete supervision of construction.

The fee for this service will be calculated at 10 per cent of the cost of construction or an estimated fee of \$21,660.00. Funds will be provided from the Hospital Rotary.

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

I. River Towers Laundry Equipment - Internal Loan

The acquisition of the necessary laundry equipment for the River Towers involves a purchase of \$42,000.00 worth of apparatus which will be self-liquidating. In order to implement the purchase, however, it was recommended that the sum of \$42,000.00 be transferred from Account 179992 to Account 911685 for this purpose and that repayments be made on the basis of 5 per cent interest payable upon the balance of the loan in accordance with accepted commercial practice. It is estimated that repayments will take three years.

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

J. Wright State Campus - Student Center

The Wright State Campus Advisory Committee has requested The Ohio State University to act in its behalf to implement the design of a Student Center to be built from the proceeds of self-liquidating revenue bonds (or gifts), which the proposed new university will issue (or receive) after it obtains legal authority to do so.

Inasmuch as Wright State Campus is not now completely independent and the Advisory Committee desires the cooperation of The Ohio State University and Miami University in moving the project forward, the following action was recommended, contingent upon the transfer of funds from the Dayton Campus Capital Improvements Campaign residues in sufficient quantity to cover all costs; and with the further proviso that no funds of The Ohio State University or Miami University will be used for this facility and the corollary expenses pertaining thereto. It was therefore recommended that:

The Director of Public Works be requested to appoint the Dayton architectural firm of Yount, Sullivan and Lecklider as project architects at an estimated fee for preliminary plans only of 1.2 per cent of \$950,000.00, the estimated project cost, or \$11,400.00.

May 12, 1966 meeting, Board of Trustees

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

J. Wright State Campus - Student Center (continued)

It was further reported in respect to this project that pursuant to Board action taken on February 10, 1966, the Attorney General of the State of Ohio has been requested to appoint the firm of Squire, Sanders and Dempsey as bond counsel for this project, with the same understanding concerning their compensation as delineated above for architects.

Upon motion of Mr. Allyn, seconded by Dr. Thomas, the above report and 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 Charles A. Kuntz, Comptroller Emeritus of the University. 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. Charles A. Kuntz

The Board of Trustees expresses its sorrow at the death on April 13, 1966, of Charles A. Kuntz, Comptroller Emeritus of the University.

Mr. Kuntz was born in Zanesville, Ohio, on March 25, 1895. He was a graduate of Zanesville High School and of Meredith Business College.

His service with the University began in April, 1916, and he was appointed its Comptroller on May 15, 1918. In that important capacity he served until his retirement on October 31, 1956.

As one of the early members of the Association of College and University Business Officers in the Middle West, he served as Secretary of that organization from 1927 to 1933 and was elected President for the year 1937-38. He was also a member of the Association of College and University Business Officers in the State of Ohio.

Mr. Kuntz was active in accounting affairs, maintaining membership in the Columbus Chapter of the National Association of Accountants, in which he served as Director, Secretary, Vice President, and President. He was also a member of the Controllers Institute of America and the American Institute of Management.

In June, 1955, Mr. Kuntz received the University's Distinguished Service Award. His citation on that occasion called attention to the fact that during his tenure as Comptroller the University's expenditures had grown from \$2, 150, 000 annually to more than \$45, 000, 000, although this was only one measure of its development. It emphasized, in particular, that "His long period of service testifies to its excellence and to the high regard in which he has been held by administrators of the University and other associates."

XI. RESOLUTION IN MEMORIAM (continued)

A. Charles A. Kuntz (continued)

It stressed further that "Outside the University, he has long been respected and admired by members of his profession." If anything, the last decade of his life only enhanced these sentiments about him.

Modesty and self-effacement were among Mr. Kuntz's fine qualities. He gave service above self and often went out of his way to help others. During his long and faithful service, he worked under four presidents and an acting president. He was one of that devoted group of staff members who, between 1916 and 1956, grew with the University, and whose service to it was marked by unusual fidelity and competence.

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

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XII. REPORTS

A. Department of Defense Facility Security Clearance for The Ohio State University

Secretary Mount advised that the security representative from the U. S. Department of Defense, Office of Industrial Security, has requested that the resolution initiated by that office and adopted by the Board of Trustees at its meeting held on April 14, 1966, be amended to specifically identify those officials of the University designated for security clearance. By unanimous agreement the following resolution was adopted as a substitute for the resolution adopted on April 14, 1966, pertaining to facility security clearance.

WHEREAS, current Department of Defense regulations contain a provision whereby a university may designate from amongst its officers a managerial group having the authority and responsibility for the negotiation, execution, and administration of classified contracts with the Department of Defense or its User Agencies; and

WHEREAS, the Board of Trustees have designated the incumbents of the following positions to be such a managerial group: the President, Vice President for Business and Finance, Vice President for Research, and Vice President for Educational Services and Secretary of the Board of Trustees.

NOW, THEREFORE, BE IT DECLARED that all members of the aforesaid managerial group at the present time do possess, or will be processed for, the required security clearance; and

XII. REPORTS (continued)

A. Department of Defense Facility Security Clearance for The Ohio State University (continued)

BE IT RESOLVED that in the future, when any individual enters upon the duties as a replacement for the incumbent of any of the above positions designated to be part of the managerial group, such individuals shall immediately make application for required security clearance; and

BE IT RESOLVED FURTHER that other officers and trustees of the University who do not require access to classified information in the conduct of the University's business need not be processed for a security clearance, but said persons can be effectively denied, and shall not be granted access to classified information in the possession of the University and shall not hold any position that would enable them to affect adversely the University's policies or practices in the performance of classified contracts, or the Department of Defense, or its User Agencies.

B. Report on the University's Investment Portfolio

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

C. 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 Spring Quarter Faculty Meeting on April 21, 1966, and presented with the Alumni Distinguished Teaching Awards. They were as follows:

Dr. Thomas B. Calhoon, Associate Professor in the Department of Physiology

Dr. Ernest O. Doebelin, Associate Professor in the Department of Mechanical Engineering

Dr. Leo A. Estel, Associate Professor in the Department of Sociology and Anthropology

Dr. Gordon K. Grigsby, Assistant Professor in the Department of English

Dr. Sidney E. White, Associate Professor in the Department of Geology

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May 12, 1966 meeting, Board of Trustees

XIII. ELECTION OF OFFICERS

Mr. Jones 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, 1966, and shall continue through the May, 1967, meeting of the Board:

Chairman - Jacob E. Davis

Vice Chairman - Stanley C. Allyn

Secretary - John T. Mount

Treasurer - Gordon B. Carson

Dr. Thomas seconded the motion, and the above-named persons were elected to the offices as indicated by unanimous vote of the Board.

President Fawcett, speaking on behalf of the University family, expressed words of sincere appreciation and gratitude to Mr. Alan Loop for the gracious and cooperative leadership he has given throughout his seven years on the Board of Trustees and especially during his term of office as Chairman.

Mr. Stanley C. Allyn and Mr. Jacob E. Davis, speaking for the Board of Trustees, followed with expressions of high commendation and deep appreciation for the effective and dedicated service rendered by Mr. Loop in his capacity as Chairman of the Board of Trustees during one of the most significant periods in the history of the University.

Mr. Loop responded with the following statement:

I am certain we all join in heartfelt congratulations to the new officers and extend to them our best wishes for their terms of office.

During the last twelve months, this Board has been confronted with a very full schedule of business of the University and, in addition, there has been a vast amount of time devoted by the Trustees to participation in important committee work. To each of you, I extend my appreciation for your enthusiastic cooperation, assistance and advice.

One year ago this month, retiring Chairman Smith Rairdon presented me with this gavel, made of fine polished Buckeye wood, for my use as Chairman of this Board. Based upon our experience of the last twelve months, there will be few, if any, dull moments for our newly elected Chairman; so, with pleasure, I give over this Buckeye gavel to Chairman Davis for use as an effective tool in carrying out his future responsibilities.

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May 12, 1966 meeting, Board of Trustees

Thereupon the Board adjourned to meet Thursday, June 9, 1966, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

John T. Mount
Secretary

Alan B. Loop
Chairman

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

Columbus, Ohio, June 9, 1966

The Board of Trustees met at its regular monthly meeting on Thursday, June 9, 1966, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

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

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Minutes of the last meeting were approved.

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The Secretary was authorized to make the following correction in the minutes for the March 10, 1966 meeting: That the honorary degree, Doctor of Literature, approved for Andrew Denny Rodgers III be changed to the honorary degree, Doctor of Letters.

Adjustment in Student Fees

President Fawcett presented the following statement concerning the adjustment in student fees to be effective for the Autumn Quarter 1966:

As I have stated a number of times, I have a deep concern about the level of student fees in public institutions of higher education. As members of the University administrative staff began work on the 1966-67 budgets, I insisted that every effort be made to maintain our student fees at a reasonable level. I am reluctantly persuaded that in spite of the efforts which we have made and which have been made by the Board of Regents and Ohio legislative and executive agencies to provide increased tax support for higher education in Ohio, an increase in student fees is necessary to maintain the continued growth in quality of the programs of this University.

The proposed fee increase of \$25.00 per quarter for resident students and \$46.00 per quarter for out-of-state students will result in academic year fees (three quarters) of \$450.00 for resident students and \$1,008.00 for out-of-state students. This fee structure will continue Ohio State's position as the state university in Ohio with the lowest level of fees. Ohio resident fees at other state universities in Ohio for 1966-67 have been announced to be as follows: Bowling Green - \$540.00; Central State - \$500.00; Kent - \$510.00; Miami - \$520.00; Ohio University - \$500.00; Cleveland State - \$495.00. We must recognize, however, that resident fees at Ohio State have been and continue to be higher than those at any other state-assisted university in the Western Conference (Big 10). While our tax support, both in terms of total dollars and in terms of dollars per student, has increased in recent years, the cost of higher education and particularly the costs of recruiting and retaining high-quality faculty members have increased even more. It is obvious, therefore, that the efforts of the Board of Regents and of the agencies of state government in Ohio to provide increased tax support for higher education must continue.

I must also point out that several new ideas for appropriating tax funds to state universities in the coming biennium may be considered by the General Assembly of Ohio. These plans, based on various formulas providing dollar levels of support per student, probably will include factors related to fee income. We will study such proposals in the hope that we can work to insure that formulas will not be adopted which will require student fee income in 1967-69 greater than that anticipated from the fee schedules I am recommending today. We cannot guarantee, however, that the plan finally adopted by the General Assembly will permit us to maintain this fee level.

June 9, 1966 meeting, Board of Trustees

Adjustment in Student Fees (continued)

With this background, President Fawcett presented the following formal recommendations:

As a result of a very careful analysis of the fiscal resources available to The Ohio State University for the 1966-67 fiscal year, it is concluded that a reasonable advance in student fees is necessary if the University is to (1) continue its planned improvement in the quality of its educational program and (2) remain in a competitive position in its attempt to retain and recruit faculty and staff. It is therefore recommended that to provide the necessary additional revenue to supplement the state subsidy appropriation as authorized by the General Assembly of Ohio, an increase in the amount of \$25.00 per quarter in the Instruction and General Fee and an additional increase in the amount of \$21.00 in the Out-of-State Tuition Fee be approved, effective Autumn Quarter 1966.

In accordance with a request from the Board of Regents to simplify the nomenclature for the student fee structure in all state-assisted universities, it is recommended that the Board of Trustees approve (1) combining the Incidental Fee and Consolidated Laboratory Fee into a category hereafter referred to as the Instruction and General Fee; (2) consolidating the Student Services Fee and Student Facilities Fee into a single category, identified as the Student Services Fee; and (3) renaming the fee for nonresident students as the Out-of-State Tuition Fee. The new schedule of student fees per quarter for The Ohio State University shall be as indicated below:

College or School	Instruction and Student Services			Out-of-State Tuition	Non-Resident Total
	General	Services	Resident Total		
Agriculture and Home Economics	\$130	\$20	\$150	\$186	\$336
Arts and Sciences	130	20	150	186	336
Biological Sciences	130	20	150	186	336
Commerce and Administration	130	20	150	186	336
Education	130	20	150	186	336
Engineering	130	20	150	186	336
Graduate School	130	20	150	186	336
Dentistry	250	20	270	186	456
Dental Hygiene and Dental Laboratory Technology	178	20	198	186	384
Law	158	20	178	186	364
Medicine*	250	20	270	186	456

*Pursuant to action of the Board of Trustees on January 14, 1965, third- and fourth-year students enrolled in the Doctor of Medicine degree program of the College of Medicine are enrolled in a year-round program of courses and are assessed fees on an annual basis payable in two installments, June 15 and December 15. The annual rate for such resident students for the 1966-67 academic year shall be \$810.00 for resident students and \$1,368.00 for nonresident students.

June 9, 1966 meeting, Board of Trustees

Adjustment in Student Fees (continued)

<u>College or School</u>	<u>Instruction and General</u>	<u>Student Services</u>	<u>Resident Total</u>	<u>Out-of-State Tuition</u>	<u>Non- Resident Total</u>
School of Allied Medical Services	\$130	\$20	\$150	\$186	\$336
School of Nursing	130	20	150	186	336
School of Optometry	168	20	188	186	374
Pharmacy	136	20	156	186	342
Veterinary Medicine	170	20	190	186	376
Branches	130	20	150	186	336

All other fees previously approved by the Board of Trustees shall remain unchanged.

Mr. Mervin France moved and Mr. John Ketterer seconded the motion that the President's recommendations to increase fees and to consolidate and to rename certain student fees be approved.

Mr. Shocknessy asked for a clarification of the increases in student fees for resident students as compared with nonresident students.

The President responded by indicating that the student fees for nonresident students will be increased \$25.00 per quarter and that the nonresident students would have their fees increased by \$46.00--an increase of \$25.00 for all students plus an additional increase of \$21.00 for out-of-state students.

Mr. Shocknessy followed with the question, "Can the budget for the next fiscal year be balanced without an increase in student fees?"

President Fawcett responded by stating that the proposed increases in student fees are necessary to meet the projected expenses for the next fiscal year.

Mr. John Bricker commented that he was opposed to student fee increases and indicated that in his opinion the trend to increase student fees is in violation of the concept for the "Land-Grant University" system and that students now pay more than their appropriate share. He added that he disliked to see student fees increased if there could be some other way of balancing the budget. However, he pointed out that "The administration has done a magnificent job in preparing the proposed budget for the next fiscal year and that it is the most complete, most detailed, and most comprehensive budget ever presented to the Board. Since the increase in student fees is an integral part of the whole budget for the coming year, it would upset the whole 'apple cart' if the increase is not approved and I shall not vote against it."

Upon a roll call vote, the Board voted unanimously in favor of the motion. Mr. Shocknessy in casting his affirmative vote indicated that he would vote for the increase in student fees quite reluctantly and with the hope that in the future it will be possible for the fees to be reduced rather than increased. He added he was voting for the increase in student fees because the budget cannot be balanced otherwise.

June 9, 1966 meeting, Board of Trustees

Budgets for the 1966-67 Fiscal Year

President Fawcett presented the following statement pertaining to the recommended budgets for the 1966-67 fiscal year:

The budgets for 1966-67 which I bring to you today represent a new departure in budget recommendations for The Ohio State University. We have developed a complete, unified, University budget document which is based upon the total estimated revenue for the 1966-67 fiscal year and which provides expenditure estimates for all current operations of the University for the next fiscal year. The budget proposal is based upon the concept that the University will continue to improve the quality of its programs and that the budget document is indeed to be considered as an educational instrument. These expenditure estimates total \$121,947,357.00 for 1966-67 compared with estimated expenditures of \$108,945,037.00 for 1965-66. This increase of expenditures from all funds--both general and restricted--amounts to about \$13 million of which almost exactly one-half is due to increased personal service budgets. Almost \$2 million of the increase is for general operating expenses exclusive of personnel and another nearly \$2 million is estimated to be accounted for by increased income and expenses through gifts, grants, and contracts. The University Hospital expenditures and income provide almost \$1 million of the increase and dormitory and other auxiliary activities account for over \$800,000.00. The balance of the increase is for such activities as the branch campuses, the Cooperative Extension Service, and student services.

Of major importance in these budgets is the personal service budget in support of salaries for regular faculty, staff, civil service, and other personnel. The increase in the general personal service budget for 1966-67 over 1965-66 is approximately six million dollars. This increase will provide merit salary increases and adjustments to meet salary competition for about two-thirds of our regular faculty and will increase the overall faculty salary average by 5.4 per cent. With this increase, we should maintain a median position among state-supported universities in the Big 10 and remain among the top 20 state-assisted institutions reporting salary data to the American Association of University Professors.

Equivalent salary adjustments have been made for non-faculty professional personnel in addition to providing for the mandated increases for civil service personnel--increases about double the usual amount due to salary increases voted by the General Assembly in 1965. The personal service budget also provides for necessary new personnel at all levels to maintain existing programs, to maintain new facilities coming "on line", and to undertake a limited number of new ventures such as the program in information science. Similar adjustments in personal service accounts are reflected in the budgets of the University Hospital, the Cooperative Extension Service, and the Athletic Department. These three budgets, incidentally, which up until this year were presented to you in separate resolutions, reflect the following changes for 1966-67 over 1965-66. The University Hospital budget increases by \$965,050.00 to a total of \$15,495,380.00; the Cooperative Extension Service budget--which will require further action following the completion of Congressional action

June 9, 1966 meeting, Board of Trustees

Budgets for the 1966-67 Fiscal Year (continued)

on the fiscal 1967 appropriations legislation--increases by \$108,232.00 to \$6,135,104.00; and the budget of the Department of Athletics increases by \$114,146.00 to a total of \$2,780,357.00.

In addition to essential increases for personal services, a major increase has been accomplished in the equipment category. I have already reported to you the increase in funds for library book purchases for 1966-67--an equipment account in university budget procedures. We have also this year budgeted directly to the colleges the income from research contracts in support of indirect costs which are attributable to equipment costs--a procedure which continues our efforts to decentralize fiscal decision making to the college level in every way consistent with the requirements of good fiscal accountability.

In concluding this brief summary of this budget recommendation, it seems important to indicate that income in support of the proposed \$122 million budget comes from a great variety of sources. About \$45 million comes from the State of Ohio, and about \$21.5 million comes from student fees including the increased student fee income upon which you have just acted. Income from the Federal government exclusive of direct support of research through the Research Foundation, but inclusive of indirect cost recovery on Research Foundation projects, amounts to almost \$10 million. The greatest portion of the remaining income comes from the earnings and income of such agencies as the University Hospitals, the dormitory system, and literally hundreds of other auxiliary enterprises and departmental activities. This latter type of income is, of course, almost directly offset by expenses charged against these earnings.

With this background, President Fawcett presented the following formal recommendations related to budgets for the operation of The Ohio State University for the fiscal year 1966-67:

For some time the officers of the University have been working toward the annual presentation to the Board of Trustees of a budget proposal involving all of the current budgets of the University. The first such proposal is now in order for presentation to the Board of Trustees and it is therefore recommended that the following expenditures, all within the estimates of available revenues, for the 1966-67 fiscal year be approved:

<u>General Budget</u>		<u>\$ 61,296,000.00</u>
Personal Services	\$44,716,000.00	
Retirement and Other	4,070,000.00	
Equipment	2,950,000.00	
Operating	8,350,000.00	
Other	1,210,000.00	
<u>Special Budgets</u>		<u>\$ 2,114,443.00</u>
Student Activities	\$ 1,123,899.00	
Special Laboratory Fees	304,000.00	
Special Facilities Projects	686,544.00	

June 9, 1966 meeting, Board of Trustees

Budgets for the 1966-67 Fiscal Year (continued)

<u>Restricted Funds</u>		<u>\$ 35,108,612.00</u>
Branch Campuses	\$ 2,219,000.00	
Cooperative Extension Service	6,135,104.00	
Mershon Center for Education in National Security	309,618.00	
Other Endowment Accounts	990,382.00	
Gifts and Grants	9,959,128.00	
University Hospital	15,495,380.00	
<u>Rotary Accounts</u>		<u>\$ 23,428,302.00</u>
Dormitories	\$ 6,470,400.00	
Athletics	2,780,357.00	
Conferences	606,960.00	
Auxiliary Accounts	13,570,585.00	
<u>Grand Total</u>		<u>\$121,947,357.00</u>

It is further recommended that the detailed supporting statements for the above summary figures which have been reviewed by the Board of Trustees be approved, and that the Secretary be instructed to file these detailed budget statements for the fiscal year 1966-67 with the official records of the University.

Finally, it is recommended that the President be authorized to adjust the expenditure estimates during the fiscal year with fluctuations in income and report such adjustments on a quarterly basis to the Board of Trustees.

Upon motion of Mr. France, seconded by Mr. Bricker, the above recommendations for approval of the budgets for the 1966-67 fiscal year were approved by unanimous roll call vote.

Budget for The Ohio State University Research
Foundation for the 1966-67 Fiscal Year

It is recommended that The Ohio State University Research Foundation annual budget for the fiscal year 1966-67, beginning July 1, 1966, be approved in an amount not to exceed \$727,704.00. This budget was approved by the Board of Directors of The Ohio State University Research Foundation at its annual meeting on April 15, 1966.

Upon motion of Mr. Allyn, seconded by Mr. Bricker, The Ohio State University Research Foundation budget for 1966-67 was approved by unanimous roll call vote.

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President Fawcett continued with the presentation of the following recommendations for consideration by the Board of Trustees:

June 9, 1966 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS

A. Degrees and Certificates Conferred -
Spring Quarter Commencement Convocation

It was recommended that degrees and certificates be conferred at the Spring Quarter Commencement Convocation on June 14, 1966, to those students who have completed the requirements for their respective degrees and certificates and were recommended by the Faculty Council. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix IX, page 559.)

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

B. Distinguished Service Awards

In 1952 the Board of Trustees established the Distinguished Service Award to be given in recognition of eminent and illustrious service to The Ohio State University. The President's Cabinet, which serves as a Committee on Distinguished Service Awards, has nominated for consideration by the Board of Trustees the following-named persons to receive the Distinguished Service Award at the September 2, 1966 Commencement:

Alan Bevington Loop
Charley Francis Miller
Henry Larimer Wagner

Upon motion of Mr. Jones, seconded by Mr. Shocknessy, the above nominations for the Distinguished Service Award were approved by unanimous voice vote.

C. Naming of George M. Trautman Baseball Fields

On June 1 and June 2, 1966, a majority of the Board of Trustees by telephone communication with the Secretary of the Board approved the recommendation initiated by the University Athletic Council that the new baseball playing fields located in the area north of Lane Avenue, west of the Olentangy River Road, and south of the married student housing area, be named the George M. Trautman Baseball Fields, in memory of the late George M. Trautman, Class of 1914.

A popular campus leader and varsity athlete during his student days, George M. "Red" Trautman later served the University as basketball coach in 1920-1921 and as Assistant Athletic Director, 1921 through 1929. His service and dedication to the game are well known to baseball fans throughout the Nation, and he was singularly recognized in 1946 when he was elected President of the National Association of Professional Baseball Leagues, a position he held until his death in 1963.

Pursuant to the telephone approval by the Board of Trustees, the Director of Athletics announced on the occasion of the National Collegiate Athletic Association District No. 4 baseball playoffs held June 2, 3, and 4, 1966, that the new varsity baseball facilities would be named in memory of the late Mr. Trautman and would be formally dedicated at an appropriate ceremony during the next baseball season. As the Big Ten Champion, The Ohio State University served as the host for the NCAA District No. 4 baseball playoffs.

June 9, 1966 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Naming of George M. Trautman Baseball Fields (continued)

It was recommended therefore that the Board of Trustees ratify the authorization granted by telephone to name the varsity baseball facilities the "George M. Trautman Baseball Fields."

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

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II. PERSONNEL CHANGES

It was recommended that all personnel changes since the May 12, 1966 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, Promotions, Leaves of Absence Without Salary, Emeritus Title, New and Reappointments of Department Chairmen and Directors of Schools, and Promotions in Academic Rank:

A. Appointments

James B. Heck appointed as Assistant Dean of Faculties in the Office of Academic Affairs, effective June 1, 1966, at a salary of \$12,468.00 per annum.

John W. Gustad appointed as Associate Dean in the College of Arts and Sciences, effective July 1, 1966, at a salary of \$21,168.00 per annum.

C. Grey Austin appointed as Assistant Dean (part time - 50%) in the College of Arts and Sciences and Editor (part time - 50%) in the Graduate School, effective August 1, 1966, at a salary of \$18,168.00 per annum.

Rupert Salisbury appointed Associate Professor and Assistant Dean in the College of Pharmacy, effective September 1, 1966, at a salary of \$14,268.00 per annum.

Stanley J. Czyzak appointed Professor in the Department of Astronomy, effective October 1, 1966, at a salary of \$18,168.00 per annum.

Prakash Bambah appointed Professor in the Department of Mathematics, effective October 1, 1966, at a salary of \$19,368.00 per annum.

Herbert I. Hochberg appointed Professor in the Department of Philosophy, effective October 1, 1966, at a salary of \$15,168.00 per annum.

June 9, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Appointments (continued)

James L. Golden appointed Professor in the Department of Speech, effective October 1, 1966, at a salary of \$16,068.00 per annum.

B. Promotions

Ralph M. Johnson from Director of the Institute of Nutrition and Food Technology to Acting Dean of the newly established College of Biological Sciences, effective July 1, 1966, at a salary of \$19,668.00 per annum. He will continue to hold the rank of Professor in the Departments of Physiological Chemistry, Animal Science, Horticulture and Forestry, and the School of Home Economics.

Bill R. Moeckel from Assistant Dean, College of Commerce and Administration, to Associate Dean, College of Commerce and Administration, effective July 1, 1966, at a salary of \$20,868.00 per annum. He will continue to hold the rank of Associate Professor in the Department of Business Organization.

Carroll L. Shartle from Assistant Dean (part time - 80%), College of Commerce and Administration, to Associate Dean (part time - 80%), College of Commerce and Administration, effective July 1, 1966, at a salary of \$18,168.00 per annum. He will continue to hold the rank of Professor (part time - 20%) in the Department of Psychology at a salary of \$3,804.00 per annum.

Eleanor W. Bulatkin from Professor in the Department of Romance Languages to Professor and Chairman of the Department of Romance Languages, effective October 1, 1966, at a salary of \$15,768.00 per annum.

Edward E. Rhine from Assistant Director to Associate Director of Admissions, Office of Admissions, effective July 1, 1966, at a salary of \$11,868.00 per annum.

C. Leaves of Absence Without Salary

Betty J. Thomas, Associate Professor, School of Nursing, effective August 15, 1966 through August 28, 1966, to participate in conducting a workshop at the University of Arkansas.

Mary S. Breese, Assistant Professor, School of Nursing, effective July 7, 1966 through September 27, 1966, to travel.

Laura R. Clark, Assistant Professor, School of Nursing, effective July 7, 1966 through September 27, 1966, to travel and serve in a mission station in South America.

June 9, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Leaves of Absence Without Salary (continued)

Dorese L. Dilley, Assistant Professor, School of Nursing, effective July 31, 1966 through August 14, 1966, to travel.

Robert E. Notari, Assistant Professor, College of Pharmacy, effective July 15, 1966 through August 31, 1966, to participate in a research project at The Upjohn Company, Kalamazoo, Michigan.

Keith S. Rosenn, Assistant Professor, College of Law, effective October 1, 1966 through September 30, 1967, to accept a research appointment with Ford Foundation in Rio de Janeiro.

Josephine T. Hickey, Instructor, School of Nursing, effective September 11, 1966 through September 27, 1966, to participate in an educational clinical program.

Sandra Sorenson, Instructor, School of Nursing, effective July 7, 1966 through September 27, 1966, for personal reasons.

William H. Ewing, Associate Director, Telecommunications Center, effective July 1, 1966 through July 31, 1966, to travel.

Theodore W. Hildebrandt, Assistant Director, Computer Center, effective June 1, 1966 through June 30, 1966, to do research at the Institute for Atmospheric Research, Boulder, Colorado.

D. Emeritus Title

Howard F. Haines, School of Optometry, with the title Assistant Professor Emeritus, effective July 1, 1966.

E. 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 Engineering	Robert E. Stewart	June 30, 1970
Anatomy	Grant O. Graves	June 30, 1970
Astronomy	Arne E. Slettebak	September 30, 1970
Aviation	J. J. Eggspuehler	June 30, 1970
Ceramic Engineering	J. O. Everhart	June 30, 1970
*Classical Languages	Charles L. Babcock	September 30, 1970
*History	Bradley Chapin	September 30, 1970
*School of Journalism	William E. Hall, Jr.	June 30, 1970
*Medical Microbiology	Henry C. Cramblett	June 30, 1970
*School of Allied Medical Services	Robert J. Atwell	June 30, 1970

*New

June 9, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

E. New and Reappointments of Department Chairmen and Directors of Schools
(continued)

<u>Department or School</u>	<u>Chairman or Director</u>	<u>Appointed to</u>
Obstetrics and Gynecology	John G. Ullery	June 30, 1970
Political Science	Lawrence J. Herson	June 30, 1970
Preventive Medicine	Harold V. Ellingson	June 30, 1970
*Romance Languages	Eleanor Bulatkin	September 30, 1970
Slavic Languages and Literatures	Leon I. Twarog	September 30, 1970
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Sociology and Anthropology	Raymond F. Sletto	June 30, 1970
Veterinary Anatomy	Walter G. Venzke	June 30, 1970
Veterinary Pathology	Clarence R. Cole	June 30, 1970
Veterinary Preventive Medicine	John H. Helwig	June 30, 1970
Veterinary Surgery and Radiology	Richard L. Rudy	June 30, 1970
Zoology and Entomology	George W. Wharton	June 30, 1970

*New

F. Promotions in Academic Rank

Effective October 1, 1966 unless marked with an asterisk (*)
which indicates effective July 1, 1966

College of Agriculture and Home Economics

Agricultural Engineering

*Carlton E. Johnson to Professor

Agricultural Economics and Rural Sociology

*Richard H. Baker to Professor
*Robert H. Blosser to Professor
*John S. Bottum to Associate Professor
*John B. Mitchell to Professor
*Gerald P. Owens to Assistant Professor
*Robert M. Reeser to Associate Professor
*Edgar T. Shaudys to Professor
*Thomas T. Stout to Professor
*William A. Wayt to Professor
*Howard C. Williams to Professor

Agricultural Education

Robert P. Worrall, Sr. to Associate Professor

June 9, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

F. Promotions in Academic Rank (continued)

College of Agriculture and Home Economics (continued)

Agronomy

*Leo E. Bendixen	to Associate Professor
*Ralph E. Franklin, Jr.	to Associate Professor
*J. B. Jones	to Professor
*Lawrence P. Wilding	to Associate Professor

Animal Science

*Jack H. Cline	to Professor
*Herbert W. Ockerman	to Associate Professor
*Charles F. Parker	to Associate Professor

Dairy Science

*William J. Brakel	to Professor
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School of Home Economics

Norejane Hendrickson	to Professor
Joan E. Herr	to Assistant Professor

Horticulture and Forestry

*William F. Cowen, Jr.	to Professor
*Clive W. Donoho, Jr.	to Professor
*Kenneth W. Reisch	to Professor
*Robert D. Touse	to Associate Professor

College of Arts and Sciences

Chemistry

Paul G. Gassman	to Associate Professor
Devon W. Meek	to Associate Professor
Robert J. Ouellette	to Associate Professor
Leo A. Paquette	to Associate Professor
Andrew A. Wojcicki	to Associate Professor

Classical Languages

Mark P. O. Morford	to Associate Professor
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English

Robert W. Canzoneri	to Associate Professor
Earl P. Carter	to Assistant Professor
*Donald W. Good	to Assistant Professor
Gordon K. Grigsby	to Associate Professor

June 9, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

F. Promotions in Academic Rank (continued)

College of Arts and Sciences (continued)

Geodetic Science

*Ivan I. Mueller to Professor

Geology

John W. Shrum to Associate Professor
Walter C. Sweet to Professor

German

Johanna S. Belkin to Assistant Professor
Charles W. Hoffmann to Professor
Wolfgang Wittkowski to Professor

History

John C. Burnham to Associate Professor
Clayton Roberts to Professor

School of Journalism

Frederick W. Maguire to Professor

Mathematics

Bogdan Bajanski to Professor
Ranko Bojanic to Professor
Norman Levine to Professor
Louis Sucheston to Professor

Philosophy

Lee B. Brown to Assistant Professor
Andrew G. Oldenquist to Associate Professor
Paul J. Olscamp to Associate Professor

Physics

Young S. Kim to Associate Professor
Bernard Mulligan to Associate Professor
William D. Ploughe to Associate Professor
Richard G. Seyler to Associate Professor

Political Science

James B. Christoph to Professor

June 9, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

F. Promotions in Academic Rank (continued)

College of Arts and Sciences (continued)

Romance Languages

*Richard H. Armitage	to Professor
Martha E. Frosch	to Professor
Walter Meiden	to Professor

Slavic Languages and Literatures

Hongor Oulanoff	to Associate Professor
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Speech

Keith Brooks	to Professor
Courtney P. Stromsta	to Professor

College of Commerce and Administration

Business Organization

Halbert C. Smith, Jr.	to Associate Professor
Louis W. Stern	to Associate Professor

Economics

Belton M. Fleisher	to Associate Professor
*Wilford L. Lesperance	to Associate Professor

Sociology and Anthropology

Ericka E. Bourguignon	to Professor
Leo A. Estel	to Professor
*J. Eugene Haas	to Professor
Margaret L. Helfrich	to Associate Professor
Donald L. Noel	to Associate Professor
Enrico L. Quarantelli	to Professor
*Kent P. Schwirian	to Associate Professor

College of Dentistry

*James A. Kreider	to Professor
William V. Walton	to Associate Professor
Chester M. Winter	to Associate Professor

June 9, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

F. Promotions in Academic Rank (continued)

College of Education

School of Education

Donald R. Bateman	to Assistant Professor
Walter G. Hack	to Professor
Robert W. Howe	to Associate Professor
Anthony C. Riccio	to Professor
Donald P. Sanders	to Associate Professor
Edward R. Towers	to Professor
Melba D. Woodruff	to Associate Professor

School of Art

James W. Baughman	to Associate Professor
Colin W. Clipson	to Associate Professor
Maurice E. Cope	to Associate Professor
Gilbert W. Hall	to Associate Professor
Malcolm Moreley	to Associate Professor

School of Music

Marshall H. Barnes	to Professor
Henry L. Cady	to Associate Professor
Alexander M. Main	to Professor

Psychology

Philip M. Clark	to Associate Professor
James R. Erickson	to Associate Professor
William C. Howell	to Professor
Reed Lawson	to Professor

College of Engineering

Aeronautical and Astronautical Engineering

*Odus Roy Burggraf	to Professor
*Gerald M. Gregorek	to Assistant Professor

School of Architecture

Wayland W. Bowser	to Associate Professor
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Chemical Engineering

Edwin R. Haering	to Assistant Professor
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Civil Engineering

*Johannes F. Schwar	to Professor
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June 9, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

F. Promotions in Academic Rank (continued)

College of Engineering (continued)

Electrical Engineering

Wendell Cornetet, Jr.	to Professor
Hsiung Hsu	to Professor
Robert B. Lackey	to Associate Professor
*Ronald K. Long	to Associate Professor
John M. Swartz	to Assistant Professor

Engineering Mechanics

Robert Arlen Barnes	to Associate Professor
Peter E. Korda	to Associate Professor
Joseph Mahig	to Associate Professor

Metallurgical Engineering

Robert A. Rapp	to Associate Professor
Douglas C. Williams	to Professor

Aviation

*William Hubbard	to Assistant Professor
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College of Law

Richard E. Day	to Professor
*Gerald A. Messerman	to Associate Professor
L. Orin Slagle, Jr.	to Professor

College of Medicine

Medicine

*Grant O. Graves	to Assistant Professor
*Robert J. Atwell	to Professor
*Richard D. Carr	to Associate Professor

School of Nursing

*Gwendoline Bellam	to Associate Professor
*Mary V. Cline	to Assistant Professor

Obstetrics - Gynecology

*Paige K. Besch	to Associate Professor
*John G. Boutselis	to Associate Professor
*Nichols Vorys	to Associate Professor

June 9, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

F. Promotions in Academic Rank (continued)

College of Medicine (continued)

School of Allied Medical Services

*Carolyn N. Burnett	to Assistant Professor
*William F. Shepard	to Assistant Professor
*Adah R. Sutton	to Assistant Professor

Pathology

*William A. Newton, Jr.	to Professor
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Pediatrics

*Stella B. Kontras	to Associate Professor
*Samuel Meites	to Associate Professor
*Charles B. Reiner	to Assistant Professor

Physiological Chemistry

*Gerald L. Endahl	to Associate Professor
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Preventive Medicine

*Martin D. Keller	to Professor
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Psychiatry

*Rudolf Kaelbling	to Associate Professor
*Rahe B. Corlis	to Assistant Professor
*Harold Goldman	to Associate Professor
*Salomon Rettig	to Professor

Radiology

*Charles D. Schloss	to Assistant Professor
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Surgery

*Howard D. Sirak	to Professor
*Blanca Smith	to Associate Professor

College of Pharmacy

*Raymond W. Duskotch	to Associate Professor
*Theodore D. Sokoloski	to Associate Professor

June 9, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

F. Promotions in Academic Rank (continued)

College of Veterinary Medicine

Veterinary Parasitology

*Harold F. Groves to Professor

Veterinary Preventive Medicine

*Edward H. Bohl to Professor

Veterinary Surgery and Radiology

*William J. Roenigk to Professor

College of Biological Sciences

Botany and Plant Pathology

*August Schmitthenner to Professor

*Lansing E. Williams to Professor

Zoology and Entomology

*Billie D. Blair to Associate Professor

*Howard W. Forsythe, Jr. to Associate Professor

*Harry D. Niemczyk to Associate Professor

*Wayne B. Parrish to Associate Professor

*David H. Stansbery to Associate Professor

Barry D. Valentine to Associate Professor

*George W. Ware, Jr. to Professor

Office of Academic Affairs

Library

*Rexford S. Beckham to Associate Professor

*Helen E. Dean to Associate Professor

*Ruth M. Erlandson to Professor

*Kathryn N. Miller to Assistant Professor

*Wenyu Yen to Associate Professor

Physical Education - Men

Robert L. Bartels to Associate Professor

Richard W. Bowers to Assistant Professor

Charles R. Carroll to Assistant Professor

Edward Coates to Assistant Professor

Donald D. Harper to Assistant Professor

Charles L. Mand to Professor

June 9, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

F. Promotions in Academic Rank (continued)

Off-Campus Education

Wright State

*Lael E. Bradshaw	to Assistant Professor
*Robert D. Dixon	to Associate Professor
*Emil P. Kmetec	to Professor

Cooperative Extension Service

*Louise Augenstein	to Assistant Professor
*Eldon S. Banta	to Associate Professor
*Billie D. Blair	to Associate Professor
*John S. Bottum	to Associate Professor
*Delbert M. Byg	to Associate Professor
*William F. Cowen, Jr.	to Professor
*Don W. Graffis	to Associate Professor
*Benton Jones, Jr.	to Professor
*Ivor Jones	to Assistant Professor
*John E. Moore	to Assistant Professor
*Roger A. Miller	to Associate Professor
*John B. Mitchell	to Professor
*Howard Phillips	to Assistant Professor
*Gordon J. Ryder	to Professor
*John D. Strausbaugh	to Assistant Professor
*Robert D. Touse	to Associate Professor
*James D. Wells	to Assistant Professor
*Robert P. Worrall, Sr.	to Associate Professor

Upon motion of Mr. Allyn, seconded by Mr. Ketterer, the Appointments, the Promotions, the Leaves of Absence Without Salary, the Emeritus Title, the New and Reappointments of Department Chairmen and Directors of Schools, the Promotions in Academic Rank, and the personnel actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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III. GENERAL CONTRACTS AND AGREEMENTS

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

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on September 5, 1950, it was recommended that the research agreements for the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal

- a. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Excitation and Inhibition in the Vertebrate Retina (to be known as National Institutes of Health Project No. 782 - Ext. #3 - Institute for Research in Vision).
Gross Value - \$28,896.00.
- b. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Studies in Primate Learning and Perception (to be known as National Institutes of Health Project No. 887 - Sup. #1 - Department of Psychology).
Gross Value - \$1,145.00.
- c. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, The Heterogeneity of Deoxy-ribonucleic Acids (DNA) (to be known as National Institutes of Health Project No. 1048 - Ext. #6 - Department of Chemistry).
Gross Value - \$18,610.00.
- d. U. S. Atomic Energy Commission, Chicago Operations Office, 9800 South Cass Avenue, Argonne, Illinois, High-Resolution Infrared Spectra of Tritium and Deuterium Substituted Molecules (to be known as U. S. Atomic Energy Commission Project No. 1098 - Sup. #6 - Department of Physics).
Gross Value - \$28,500.00.
- e. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C., Study of the Sulfide-to-Sulfate Reaction Mechanism (to be known as Bureau of State Services Project No. 1442 - Ext. #4 - Engineering Experiment Station).
Gross Value - \$22,244.00.
- f. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Distribution and Metabolism of Labeled Digitaloids (to be known as National Institutes of Health Project No. 1451 - Ext. #4 - Department of Physiological Chemistry).
Gross Value - \$25,640.00.
- g. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Postoperative Recovery Mechanisms and Retention (to be known as National Institutes of Health Project No. 1470 - Ext. #4 - Department of Psychology).
Gross Value - \$27,574.00.

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, National Institutes of Health, Bethesda, Maryland, Postmortem Survival of Fetal Liver (to be known as National Institutes of Health Project No. 1578 - Sup. #1 - Department of Surgery, Children's Hospital).
Gross Value - \$14,602.00.
- i. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Experimental Polioencephalomyelitis (to be known as National Institutes of Health Project No. 1582 - Ext. #3 - Department of Veterinary Pathology).
Gross Value - \$36,980.00.
- j. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Inherited Caries Resistance in Gnotobiotic Animals (to be known as National Institutes of Health Project No. 1843 - Ext. #2 - College of Dentistry).
Gross Value - \$23,592.00.
- k. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, A Comparative Study of Anomie in the Kibbutz (to be known as National Institutes of Health Project No. 1956 - Ext. #1 - Department of Psychiatry).
Gross Value - \$14,544.00.
- l. Air Force Missile Development Center, P. O. Box 393, Holloman Air Force Base, New Mexico, Study of Track Failure Criteria (to be known as Air Force Missile Development Center Project No. 2003 - Sup. #3 - Department of Engineering Mechanics).
Gross Value - \$33,757.00.
- m. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C., Mechanism of Death in Acute Myocardial Infarction (to be known as Bureau of State Services Project No. 2018 - Ext. #1 - Department of Medicine).
Gross Value - \$46,966.00.
- n. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Medicinal Chemical Studies of Mesoionic Compounds (to be known as National Institutes of Health Project No. 2042 - Ext. #1 - College of Pharmacy).
Gross Value - \$21,604.00.

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, Bureau of State Services, Washington, D. C., Role Conceptions of Pharmacists and Community Health (to be known as Bureau of State Services Project No. 2056 - Sup. #1 - College of Pharmacy).
Gross Value - \$2,706.00.
- p. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Tryptophan Metabolism in Neoplastic Disease (to be known as National Institutes of Health Project No. 2095 - Ext. #1 - Department of Medicine).
Gross Value - \$17,553.00.
- q. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research on Diffusion in Multi Phase Ternary Systems (to be known as Systems Engineering Group, Research and Technology Division Project No. 2193 - New - Department of Metallurgical Engineering).
Gross Value - \$15,000.00.
- r. Department of Army, Defense Supply Service - Washington, Washington, D. C., The U. S. and the Western Europe of the 1970's (to be known as Defense Supply Service - Washington Project No. 2194 - New - Mershon Social Science Program).
Gross Value - \$17,250.00.
- s. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research on Plasma Diagnostic Techniques and Generation Use in Flight Control Division's Plasma Facility (to be known as Systems Engineering Group, Research and Technology Division Project No. 2196 - New - Department of Physics).
Gross Value - \$25,990.00.
- t. National Science Foundation, Washington, D. C., Noncontinuable Power Series (to be known as National Science Foundation Project No. 2197 - New - Department of Mathematics).
Gross Value - \$8,300.00.
- u. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Early Competence in Children (to be known as National Institutes of Health Project No. 2198 - New - Department of Psychology).
Gross Value - \$14,067.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

1. Government Contracts - Federal (continued)

- v. National Science Foundation, Washington, D. C. , Glacial History of Adams Inlet, Glacier Bay, Alaska (to be known as National Science Foundation Project No. 2200 - New - Institute of Polar Studies).
Gross Value - \$30,000.00.
- w. National Science Foundation, Washington, D. C. , Earthquake Effects on Sherman Glacier, Alaska (to be known as National Science Foundation Project No. 2201 - New - Institute of Polar Studies).
Gross Value - \$20,000.00.
- x. U. S. Army Research Office, Durham, Box CM, Durham, North Carolina, Transannular Interactions of HeteroAtoms in Medium-Sized Heterocyclic Compounds (to be known as U. S. Army Research Office, Durham Project No. 2205 - New - Department of Chemistry).
Gross Value - \$52,000.00.
- y. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Verbal Learning Conference (to be known as National Institutes of Health Project No. 2207 - New - Department of Psychology).
Gross Value - \$5,544.00.
- z. National Science Foundation, Washington, D. C. , Biological and Medical, Molecular Biology (to be known as National Science Foundation Project No. 2210 - New - Division of Biophysics).
Gross Value - \$19,600.00.
- aa. National Science Foundation, Washington, D. C. , Econometric Studies of Monetary Processes (to be known as National Science Foundation Project No. 2211 - New - Department of Economics).
Gross Value - \$49,100.00.
- bb. National Science Foundation, Washington, D. C. , Analysis of Miwok Languages (to be known as National Science Foundation Project No. 2213 - New - Division of Linguistics).
Gross Value - \$11,100.00.

TOTAL - Government Contracts - Federal \$632,864.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

2. Industrial and Other Contract

- a. Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation Program of the CCNSC in the Central Region, USA (to be known as Regents of the University of Wisconsin Project No. 1395 - Check #C308639 - Department of Surgery). Gross Value - \$1,481.55.

The foregoing twenty-nine contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$634,345.55.

Upon motion of Mr. France, 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 voice vote.

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

During the period from April 29, 1966 through May 26, 1966, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and record.

1. Government Research Contracts

- EES 281X A Study of the Structural Equivalence of Two Bituminous Treated Bases, Ohio Department of Highways, Columbus, Ohio, Bureau of Public Roads, Washington, D. C.
Gross Value - \$24,600.00.
- SC 54 OCD Architectural and Engineering Professional Development Courses, Office of Civil Defense, OSA, Department of the Army, Washington, D. C. 20310.
Gross Value - \$14,605.00.
- SC 56 A Short Course on Geometric Design and Traffic Control, Ohio Department of Highways, Columbus, Ohio, Bureau of Public Roads, Washington, D. C.
Gross Value - \$2,000.00.
- SC 57 An Indoctrination Course for Engineering Students to be Employed by the Ohio Department of Highways During University Vacation Periods, Ohio Department of Highways, Columbus, Ohio, Bureau of Public Roads, Washington, D. C.
Gross Value - \$3,480.00.

TOTAL - Government Research Contracts \$44,685.00

June 9, 1966 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

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

2. Industrial Research Contract

EES 282X Investigation of Vibration Aids to Bulk Handling of Resins,
Union Carbide Corporation, Plastics Division, 270 Park
Avenue, New York, New York 10017.
Gross Value - \$12,000.00.

The foregoing five contracts for research in the Engineering Experiment
Station represent a gross income of \$56,685.00.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since
May 12, 1966, and were reported for the record. Appropriate expressions of
appreciation have been conveyed to the donors.

A. Administered Through the Office of Business and Finance

1. \$300,000.00 granted by Department of Health, Education, and Welfare,
Office of Education, Washington, D. C. 20202, to the University for the
construction of a new science and engineering building on the Wright
State Campus. This grant agreement is made under Title I, Higher
Education Facilities Act of 1963. (Project No. Ohio 4-1671)
2. \$135,432.00 additional grant by Department of Health, Education, and
Welfare, Public Health Service, Bethesda, Maryland, to the University
for "General Research Support," under the direction of Dr. Richard L.
Meiling, Dean of the College of Medicine, for the period January 1,
1966 through December 31, 1966. (Grant No. 5 S01 FR 05409-05)
3. \$64,864.00 granted by Department of Health, Education, and Welfare,
Public Health Service, Bethesda, Maryland, for support of the program
"Training Program in Occupational Health," under the direction of
Dr. Frederick H. Shillito, Department of Medicine, for the period
July 1, 1966 through June 30, 1967. (Grant No. 5 T01 ES00032-04)
4. \$52,700.00 granted by National Science Foundation to the University
for support of a "Programmed Geology Laboratory." This grant is
under the direction of Professors Walter C. Sweet and Robert Bates,
Department of Geology. This grant is effective May 1, 1966 and
terminates on or about April 30, 1969. (GY-1436)
5. \$23,020.00 granted by Department of Health, Education, and Welfare,
Public Health Service, Bethesda, Maryland, for support of the program
"Undergraduate Psychiatric Nursing," under the direction of Miss
Mildred E. Newton, School of Nursing, for the period July 1, 1966
through June 30, 1967. (Grant No. 5 T02 MH06375-10)

June 9, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

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

6. \$19,600.00 granted by National Science Foundation to the University for the purchase of Instructional Scientific Equipment. This grant is under the direction of Professor Charles E. Dryden, Department of Chemical Engineering, and terminates on April 30, 1968. (GY-1131)
7. \$12,141.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "General Research Support," under the direction of Dr. Walter R. Krill, Dean of the College of Veterinary Medicine, for the period January 1, 1966 through December 31, 1966. (Grant No. 5 S01 FR 05463-04)
8. \$3,200.00 granted by National Science Foundation to the University for the purchase of Instructional Scientific Equipment. This grant is under the direction of Professor Robert C. Little, Department of Physiology, and terminates on April 30, 1968. (GY-1620)

TOTAL - Through the Office of Business and Finance \$610,957.00

B. Received Through the Development Fund

1. \$32,220.00 from the National Fund for Medical Education for the National Fund for Medical Education Fund in the College of Medicine.
2. \$14,500.00 from Eli Lilly and Company for the Infectious Disease Fund in the College of Medicine.
3. \$10,000.00 from The Payne Fund, Inc., New York, New York, for the Payne Fund Communications Fund.
4. \$8,700.00 from The Lubrizol Foundation, Cleveland, Ohio--\$3,600.00 for the Department of Chemistry for fellowships; \$3,600.00 for the Department of Chemical Engineering for fellowships; \$1,000.00 for the Department of Mechanical Engineering; and \$500.00 for the Department of Mathematics.
5. \$6,000.00 from Emmet Blakeney Gleason Memorial Fund, Inc., Rochester, New York, for the Emmet Blakeney Gleason Scholarship Fund.
6. \$5,000.00 from Ralph S. Lovett for the Ralph S. Lovett Scholarship Fund.
7. \$5,000.00 from Nationwide Mutual Insurance Company, Columbus, Ohio, for research in the Department of Industrial Engineering.
8. \$5,000.00 from The Sears-Roebuck Foundation, Chicago, Illinois, for the Center for Vocational and Technical Education.
9. \$3,895.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund.

June 9, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

10. \$3,750.00 from the Union Carbide Educational Fund for the Union Carbide Company Scholarship Fund.
11. \$3,333.33 from the United Health Foundation, Inc. for the United Health Foundations Viral Respiratory Disease Research Fund.
12. \$3,000.00 from The Reese Foundation--\$2,125.74 for the Everett D. Reese Presidents Club Fund and \$874.26 for the Everett D. Reese Scholarship and Loan Fund.
13. \$2,000.00 from Samuel S. Davis and Jeanette A. Davis for the establishment of The Corrugated Container Company Fund.

The Corrugated Container Company Fund

The Corrugated Container Company Fund was established May 9, 1966, by gifts through the Development Fund from Samuel S. Davis and Jeanette A. Davis.

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 disposition of the income is to be left entirely to the discretion of said Board of Trustees, with this reservation only: that in any given year the Chief Executive Officer of The Corrugated Container Company may make a request 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.

14. \$2,000.00 from Mervin B. France to the University for deposit in the France Fund, Account No. 179989.
15. \$1,500.00 from the Universal Oil Products Foundation for the Universal Oil Products Company Scholarship Fund in Chemical Engineering.
16. \$1,000.00 from James R. Riley for the Carl R. (Cap) Arnold Agricultural Credit Fund.
17. \$500.00 from Clarice L. Bernhoft for the Richard Jacobson Memorial Award Fund.

Richard Jacobson Memorial Award Fund

The Richard Jacobson Memorial Award Fund was established May 16, 1966, by a gift through the Development Fund from Clarice L. Bernhoft.

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

June 9, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

17. Richard Jacobson Memorial Award Fund (continued)

Principal and/or income is to be used for the purpose of an annual award for undergraduates in short story writing, the contest to be administered by the Department of English. The faculty members involved in granting the award have complete freedom to decide what constitutes a short story and the amount of the annual award. The award shall be known as the Richard Jacobson Memorial Award and is to be awarded annually sometime during the Spring Quarter.

In case the need for such an award should cease to exist or so diminish as to create unused income, then said income may be used by the Board of Trustees of The Ohio State University for any purpose in the field of English.

TOTAL - Received Through the Development Fund \$107,398.33

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

C. Report from The Ohio State University Development Fund

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

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	2,551	\$ 68,861.43
Individuals other than alumni	314	5,528.75
Nonprofit organizations	48	56,719.72
Business concerns	15	19,015.74
	<u>2,928</u>	<u>\$150,125.64</u>

Of these gifts, 2,012 totaling \$21,036.02 were undesignated and 916 totaling \$129,089.62 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 Research and with the concurrence of the Vice President for Business and Finance, it was recommended that the following amounts be appropriated from the University Treasurer Research Subaccounts as designated for matching National Science Foundation grants to the University for support of "Undergraduate Instructional Scientific Equipment Program" projects:

June 9, 1966 meeting, Board of Trustees

V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

A. Appropriation of Funds for Matching National Science Foundation Grants for Undergraduate Instructional Equipment (continued)

A sum not to exceed \$19,600.00 for the Department of Chemical Engineering under the direction of Professor Charles E. Dryden to match \$19,600.00 granted by NSF Subaccount (f)

A sum not to exceed \$3,200.00 for the Department of Physiology under the direction of Professor Robert C. Little to match \$3,200.00 granted by NSF Subaccount (f)

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

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VI. EXTRA ORDERS TO CONTRACTS

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

A. Extra Orders to Contracts

1. Materials Engineering and Science Building	\$ 924.00
2. Chemical Research Facilities	1,212.00
3. General Academic Facility, Lima Campus	535.00
	<u>\$2,671.00</u>

Upon motion of Mr. France, 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, it was recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Library Elevator Remodeling

This project will remedy an unsafe situation with the shaft doors and provide greatly improved service to the users of the library stacks.

Funds for this project will be provided from Budget Account 121658 (1966-67).

VII. PLANS AND SPECIFICATIONS (continued)

B. Goss Laboratory - Repairs and Improvements to Ventilation System

This project provides replacement of the existing steam preheat system with a forced flow hot water system and proper controls to minimize the possibility of shut downs of the air conditioning units and the replacement of the electronic air cleaner filters to insure clean air supply to the laboratories.

Funds for this project will be provided from Budget Account 121658 (1966-67).

C. School of Nursing

This project is a three-story building to provide office and classroom space for the School of Nursing.

Funds for this project will be provided from Item 016, S. B. 370, Item 018, H. B. 202, and Federal funds.

D. Remodel Neilwood Gables Bookstore

This project will provide additional space for the existing bookstore by expanding into the basement of Neil Gables.

Funds for this project will be provided from Budget Account 801027.

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

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VIII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken for several projects and contracts were recommended for award. The actions reported to the Board were as follows:

A. Wright State Campus - Phase IV

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (4 bids received 5-12-66)		
Knowlton Construction Company (Bellefontaine, Ohio)	\$1,412,600.00	\$1,295,973.00

June 9, 1966 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

A. Wright State Campus - Phase IV (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Laboratory Equipment Contract</u> (5 bids received 5-12-66)		
Southern Desk Company (Hickory, North Carolina)	\$ 132,400.00	\$ 173,288.00
<u>Plumbing Contract</u> (4 bids received 5-12-66)		
Tibbetts Plumbing & Heating Co. (Dayton, Ohio)	229,520.00	239,711.00
<u>Mechanical Contract</u> (5 bids received 5-12-66)		
Tibbetts Plumbing & Heating Co. (Dayton, Ohio)	329,520.00	454,409.00
<u>Electrical Contract</u> (2 bids received 5-12-66)		
Bohn & Snead, Inc. (Dayton, Ohio)	245,678.00	302,389.00
<u>Elevator Contract</u> (3 bids received 5-12-66)		
Dover Elevator Company (Cincinnati, Ohio)	24,835.00	28,000.00
<u>Total Contracts</u>	<u>\$2,374,553.00</u>	<u>\$2,493,770.00</u>

Funds for this project are provided in Item 275-002, H. B. 949.

B. University Airport - Resurfacing Runways

	<u>Low Bid</u>	<u>Est. of Cost</u>
(2 bids received 5-20-66)		
Decker Construction Company (Columbus)	\$ 94,200.00	\$ 95,000.00

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

VIII. REPORT OF AWARD OF CONTRACTS (continued)

C. Roof and Gutter Repairs - Derby Hall and University Airport Hangars

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received 5-23-66)		
George Snyder and Sons (Columbus)	\$ 14,355.00	\$ 25,000.00

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

D. Telephone Ducts Relocation - Eighteenth Avenue

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received 5-23-66)		
Civil Construction Company (Dublin)	\$ 16,094.00	\$ 22,000.00

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

E. Olentangy River Bank Improvements

	<u>Low Bid</u>	<u>Est. of Cost</u>
(2 bids received 5-23-66)		
Jack Frost, Inc. (Columbus)	\$ 24,390.00	\$ 25,000.00

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

F. Systems Engineering Building

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(2 bids received 5-26-66)		
R. W. Setterlin & Sons Company (Columbus)		
Base Bid	\$1,347,000.00	\$1,610,000.00
<u>Plumbing Contract</u>		
(5 bids received 5-26-66)		
Duckworth Plumbing & Heating Company (Columbus)		
Base Bid	\$ 117,500.00	\$ 151,000.00
Alt. P-1 Air Compressor	16,600.00	20,000.00
Total Contract	<u>\$ 134,100.00</u>	<u>\$ 171,000.00</u>

June 9, 1966 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

F. Systems Engineering Building (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating, Ventilating, and Air</u>		
<u>Conditioning Contract</u>		
(6 bids received 5-26-66)		
Huffman-Wolfe Company (Columbus)		
Base Bid	\$ 619,477.00	\$ 592,000.00
Alt. HAC-1 Paint Spray Booth	1,019.00	2,500.00
Alt. HAC-2 Smoke Detection System	3,717.00	4,500.00
Total Contract	<u>\$ 624,213.00*</u>	<u>\$ 599,000.00</u>
 <u>Electrical Contract</u>		
(2 bids received 5-26-66)		
Mid-City Electric Company		
(Columbus)		
Base Bid	\$ 372,850.00	\$ 377,000.00
Alt. E-2 Emergency Lighting	4,868.00	6,000.00
Alt. E-3 Electric Wiring for Air		
Compressor	1,278.00	1,200.00
Total Contract	<u>\$ 378,996.00</u>	<u>\$ 384,200.00</u>
 <u>Total Contracts</u>	 <u>\$2,484,309.00</u>	 <u>\$2,764,200.00</u>

Funds for this project will be provided from Item 012, H. B. 202.

*The Director of Public Works has recommended that Controlling Board approval be obtained to award the Heating, Ventilating, and Air Conditioning Contract to the low bidder since it is believed that no better bids would be received by re-advertising.

Upon motion of Mr. Allyn, 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 APPROVALS

Each numbered request shown below accomplishes the following purpose:

- 42 Approves the transfer of \$405,000.00 from Item 016 Medical Complex to Item 048 Medical Center Utilities, H. B. 202, and releases \$30,000.00 for the preparation of plans and specifications for the construction of necessary utility lines for new buildings in the Medical Center.

IX. CONTROLLING BOARD APPROVALS (continued)

- 52 Approves the transfer of \$500,000.00 from Special Research Facilities, Item 034, to Item 049 Printing Facilities - Equipment, H. B. 949, and releases this amount for the acquisition of fixed and movable equipment for the new facility.
- 55 Approves the acquisition of property located at 123 West Eleventh Avenue.
- 56 Approves the acquisition of property located at 205-207 West Eleventh Avenue.
- 57 Approves the acquisition of property located at 209-211 West Eleventh Avenue.
- 58 Approves the acquisition of property located at 212 West Tenth Avenue.
- 59 Approves the acquisition of property located at 220 West Tenth Avenue.
- 60 Approves the acquisition of property located at 235 West Tenth Avenue.
- 61 Approves the transfer and release of \$377,000.00 from Item 016, Medical Complex, to Item 043 Basic Science - Medical, H. B. 202, to provide funds for architectural services to complete the plans and specifications for this facility.

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X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Dennis House (Building 13), Employment of Engineers

It was 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 estimate of cost; and complete field supervision of construction.

This service will be provided at a fee of 5 1/2 per cent of the plumbing, heating, and electrical work or an estimated fee of \$18,700.00. Funds for this project will be provided from Dormitory Construction Fund.

B. Horticulture, Forestry, and Food Technology Center, Employment of Engineers

It was recommended that the engineering firm of Kramer, Comer & Passe be employed to provide complete professional engineering services for heating, ventilating, and air conditioning; plumbing and electrical work for the above project, including design, preparation of drawings, specifications, and estimate of cost; and complete field supervision of construction.

The fee for this service will be calculated on the basis of 5 1/4 per cent of the cost of the mechanical and electrical work or an estimated fee of \$63,000.00. Funds will be provided from Item 046, H. B. 949.

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

C. Horticulture, Forestry, and Food Technology Center,
Employment of Structural Engineers

It was recommended that the firm of Miller & Korda be employed to provide professional services for the structural system, including design calculations, drawings, specifications, estimate of cost, and checking shop drawings.

The fee for this service will be 0.90 per cent of the cost of the General Contract or an estimated fee of \$14,400.00. Funds for this service will be provided from Item 046, H. B. 949.

D. River Union, Employment of Structural Engineers

It was recommended that the firm of Fling & Eeman be employed to provide professional services for the structural system of this building, including design calculations, drawings, specifications, estimate of cost, and checking shop drawings.

The fee for this service will be calculated at the rate of 1.5 per cent of the general contract or an estimated fee of \$15,000.00. Funds for this project are provided from Budget Account 801083.

E. Dennis House (Building 13), Employment of Structural Engineers

It was recommended that the firm of Fling & Eeman be employed to provide professional services for the structural system, including design calculations, drawings, specifications, estimate of cost, and checking shop drawings.

The fee for this service will be calculated at the rate of 0.65 per cent of the cost of the General Contract and funds will be provided from the Dormitory Construction Fund.

F. River Union, Employment of Engineers

It was recommended that the firm of H. A. Williams & Associates be employed to provide complete professional engineering services for heating, ventilating, and air conditioning; plumbing and electrical work for the above project, including design, preparation of drawings, specifications, estimate of cost, and field observation; and inspection of construction, according to the Department of Public Works' standard contract.

The fee for this service will be 5 1/2 per cent of the cost of the mechanical and electrical work or an estimated fee of \$36,850.00 and funds will be provided from Budget Account 801083.

G. Mental Retardation Facility, Employment of Architect

It was recommended that Dan A. Carmichael, Architect, be employed to provide architectural services necessary to prepare schematic drawings, outline specifications, and estimate of cost, all as required for submittal of project grant request to the Public Health Service.

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

G. Mental Retardation Facility, Employment of Architects (continued)

The fee will be calculated on the basis of \$18.00 per hour with a maximum fee of \$10,000.00. Funds for this service will be provided from Item 016, H. B. 202.

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

H. Lima Branch - Agreement for Sewage Facilities

President Fawcett presented the following resolution for consideration by the Board of Trustees:

WHEREAS, The Ohio State University has acquired lands in Allen County for the proposed construction of facilities to be used as a branch campus of the University; and

WHEREAS, said branch campus facilities will require sewerage facilities; and

WHEREAS, the Commissioners of Allen County, Ohio, are desirous of acting in the general interest to provide sewerage lines or mains for sewerage services; and

WHEREAS, the parties have concluded that on the basis of Sections 6117.30 and 6117.38, Revised Code, authority rests in a county board of commissioners and a public institution to enter an agreement as hereinafter set forth; and

WHEREAS, the Commissioners propose and agree to construct sewer lines or mains to the site of the Lima Branch Campus of The Ohio State University adequate for a 20-year development program in accordance with the findings of Kohli and Kaliher Associates;

NOW, THEREFORE, BE IT RESOLVED that in consideration of the construction aforesaid of the sewer facilities, subject to appropriation of funds by the Legislature of the State of Ohio, the University agrees to pay an annual charge of \$5,000.00 for a 20-year period, such payments to be made quarterly. Such payments shall constitute the sole charges due from the University for the use of said facilities during the 20-year period involved, except only that the University agrees to pay a tap charge upon completion of the project, which shall not exceed the sum of \$1,000.00; and

BE IT FURTHER RESOLVED that the Vice President for Business and Finance be authorized to sign an agreement with the Board of County Commissioners of Allen County, Ohio, on behalf of the Board of Trustees of The Ohio State University for sewerage facilities at the Lima Branch based on the conditions as stated above.

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

I. Special Policeman Commission

At the request of the Vice President for Business and Finance, it was recommended that Stephen F. Lazarrus 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

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

I. Special Policeman Commission (continued)

require Mr. Lazarrus, 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. Allyn, seconded by Mr. Bricker, the above recommendation was approved by unanimous roll call vote.

J. Purchase of Buildings and Property, 1598 Neil Avenue

It was recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Jesse S. Hall Estate at a price of \$20,000.00:

Being a part of Lot No. 2, Elizabeth J. McMillen's
University Addition, Columbus, Franklin County,
Ohio, and commonly known as 1598 Neil Avenue.

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

Upon motion of Mr. Bricker, seconded by Mr. Jones, 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 Loren E. Bollinger, Assistant Professor of Aeronautical and Astronautical Engineering. In accordance with the instructions of the Board of Trustees, a copy of the following Resolution expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the family of the deceased.

A. Loren E. Bollinger

The Board of Trustees expresses its sorrow at the death on May 22, 1966, of Loren E. Bollinger, Assistant Professor of Aeronautical and Astronautical Engineering.

Professor Bollinger was born in East Canton, Ohio, on March 24, 1926. He was graduated from The Ohio State University with the B. E. E. degree in December of 1948 and was awarded the M. S. degree in Aeronautical Engineering in December of 1956. He was registered as a Professional Engineer in the State of Ohio in 1953.

Professor Bollinger served as a Research Assistant in the Cryogenic Laboratory of the Department of Chemistry at The Ohio State University from January 1949 to May 1951. He then joined the Aeronautical Research Laboratory of WADC at Wright-Patterson Air Force Base in Dayton, Ohio, where he served as an Electronic Engineer until October 1952. He then returned

XI. RESOLUTION IN MEMORIAM (continued)

A. Loren E. Bollinger (continued)

to The Ohio State University as a Research Engineer until December of 1956 while he undertook graduate study leading to the M. S. degree. He subsequently served as a Research Associate, Assistant Supervisor of Research, part-time Instructor in the Department of Aeronautical Engineering, and finally as Assistant Professor in the Department of Aeronautical and Astronautical Engineering after March 1960.

Professor Bollinger served as Editor-in-Chief of the ISA transactions of the Instrument Society of America since 1962 and was a member of the Ohio Academy of Science, Sigma Xi, Sigma Gamma Tau, The American Institute of Aeronautics and Astronautics, and other professional societies.

Professor Bollinger had a talent for writing about complex technical and scientific achievements throughout the world in a manner which made them understood by the public. His weekly column entitled "Man and Missiles" was carried by the Columbus Dispatch for many years. His technical interest was primarily concerned with electronic instrumentation and its application to propulsion problems. He was author or co-author of more than 65 technical papers.

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

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XII. REPORTS

A. Report on the University's Investment Portfolio

The report on the University's Investment Portfolio dated May 31, 1966, as submitted to the Finance and Investment Committee of the Board of Trustees and distributed to all members of the Board, was ordered to be filed with the official records of the Board.

B. Report from the Chairman - Committee Appointments for 1966-67

The Chairman, Mr. Jacob E. Davis, appointed the following-named persons to membership on the Council, Committees, and Boards for 1966-67 as indicated below:

Finance and Investment Committee

Stanley C. Allyn, Chairman
Mervin B. France, Vice Chairman
Frederick E. Jones
James W. Shocknessy

June 9, 1966 meeting, Board of Trustees

XII. REPORTS (continued)

B. Report from the Chairman - Committee Appointments for 1966-67 (continued)

Retirement and Insurance Committee

John G. Ketterer, Chairman
John W. Bricker

Development Fund Board of Directors (One-Year Term)

John G. Ketterer
Bertram D. Thomas

Research Foundation Board of Directors (Three-Year Term, July 1, 1964 - June 30, 1967)

Stanley C. Allyn

Association of Governing Boards of Universities and Colleges

Bertram D. Thomas

Inter-University Council

John W. Bricker

Ad Hoc Committee on Alumni Relationships

John G. Ketterer
Bertram D. Thomas
Mervin B. France
Jacob E. Davis, ex officio

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In concluding the meeting, President Fawcett reminded the Board that Dr. John C. Weaver, Vice President for Academic Affairs and Dean of Faculties, was in attendance for his last meeting, since he will be moving soon to assume his new duties as President of the University of Missouri. Reference was made to the expression of appreciation for the effective service that Dr. Weaver has rendered to the University as recorded in the minutes for the February 10, 1966 meeting.

The Chairman, Mr. Davis, extended to Dr. Weaver the Board's best wishes for his new and enlarged responsibilities.

Dr. Weaver responded with an expression of gratitude to the President and the Board of Trustees for the opportunity they had given him here at The Ohio State University.

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June 9, 1966 meeting, Board of Trustees

Thereupon the Board adjourned to meet Thursday, July 14, 1966, at The Ohio State University, Columbus, Ohio, at 10:30 a.m.

Attest:

John T. Mount
Secretary

Jacob E. Davis
Chairman

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APPENDIX IX

Degrees Conferred at
THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

June 14, 1966

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The Recipients of Honors

DAVID K. DETWEILER

DOCTOR OF SCIENCE

Distinguished veterinarian, dedicated scholar, imaginative investigator, and international leader in comparative medicine

David K. Detweiler, by his creative leadership, has united the talents of scientists in the broad fields of biological and medical research in the continuing quest for the causes of those diseases common to man and other animals. His studies of cardiovascular diseases of animals have attracted national and international attention and have provided new opportunities for improving the health of animals through the application of genetics, nutrition, and medical science. His laboratories now serve as an international center for the education and training of young scientists interested in research in comparative cardiology.

Dr. Detweiler received the V.M.D. degree in 1942 from the University of Pennsylvania's School of Veterinary Medicine, and the M.S. degree from that University's Graduate School in 1949. He began his professional career in 1942 as an instructor in the Department of Veterinary Physiology and Pharmacology at the University of Pennsylvania. In 1955-56, he received a Guggenheim Fellowship to pursue studies in cardiac physiology at the Veterinärphysiologisches Institut, Universität Zürich, Switzerland.

His exceptional personal intellect, energy, discipline, and enthusiasm led to academic achievement of the highest order and to recognition by colleagues in the veterinary medical and allied sciences at the University of Pennsylvania. He is presently Chairman, Department of Veterinary Medical Sciences, Graduate School of Medicine; Professor of Physiology, College of Veterinary Medicine; Professor of Physiology, Graduate School of Medicine; and Director, Comparative Cardio-vascular Studies Unit.

Dr. Detweiler has participated in the administration of research, education, and service interests of the American Veterinary Medical Association, the American Heart Association, the World Health Organization, the American Physiological Society, and the United States Public Health Service.

ANDREW DENNY RODGERS III

DOCTOR OF LETTERS

Author, lawyer, historian of science, whose pioneering research has laid the foundation for disciplined study in the history of American botany

Andrew Denny Rodgers III, internationally known as the author of seven scholarly biographies of American botanists, has brought great honor to Ohio, to Columbus, and to The Ohio State University. Presenting the life stories of American botanists has also provided a single story of the development of botanical science in the United States. As a result of Mr. Rodgers' writings, more is known about American botanists than about any other group of American scientists.

Mr. Rodgers is a descendent of a distinguished family intimately connected with the development of Columbus and of Ohio State. He is a direct descendant of Lucas Sullivant, founder of Franklinton; his great-uncle, Joseph Sullivant, was active in the establishment of this University and was a member of its first Board of Trustees.

Mr. Rodgers received the B.A. degree from Ohio Wesleyan University in 1922, the LL.B. from The Ohio State University in 1925, and an honorary Litt. D. from Ohio Wesleyan in 1946. His career is unique in that he has not had professional training as a botanist or historian. After practicing law from 1926 to 1933, he devoted his time to learning about history and botany and to writing books that have become "classics" for their significant documentation and evaluation of American botanical history. His first book was about his great-grandfather, William Starling Sullivant, of Columbus, an eminent world authority on mosses, whose library is the foundation of this University's botanical library collection.

In the course of his research, Mr. Rodgers discovered and preserved important collections of manuscript source materials which might otherwise have been lost. In recognition of his accomplishments and their value to botany in the United States, the Botanical Society of America, at its golden jubilee celebration in 1956, awarded him a certificate of merit, one of only 50 awarded to living botanists.

PARKER S. DUNN

BENJAMIN G. LAMME AWARD

Creative engineer and prominent industrial leader

Parker S. Dunn, President of the American Potash and Chemical Company, exemplifies the best tradition of scientific management. Under his direction, a revolutionary new process for the extraction of borates from ore was developed and installed. Heralded in the industry as one of the major breakthroughs in chemical engineering in the past five years, this development won his company the highest recognition for engineering achievement—the Kirkpatrick Award.

During Mr. Dunn's period of management with the company, he instituted policies which were instrumental in improving the morale of his workers and in achieving a nationally acclaimed safety record. As a result of a carefully balanced program of acquisitions, expansion, and application of new technology, sales and net returns have increased more than three times.

Mr. Dunn received the Bachelor of Chemical Engineering degree from The Ohio State University in 1930 and was elected to Tau Beta Pi, engineering honorary organization. In 1931, he received the Master of Science degree from Massachusetts Institute of Technology. His career in the chemical process industry spans nearly forty years and started with a summer job while he was still a student at Ohio State. In 1941, he joined the Potash Company of America at Carlsbad, New Mexico, as Research Director and later became Resident Manager. In 1951, he was named Assistant Vice President of Production and Technical Operations for American Potash and Chemical Corporation in Trona, California. Having risen through a series of administrative positions of increasing importance, he was named President in 1963.

Graduate School

Dean: Richard Armitage

Doctor of Philosophy

- Philip Adler, Jr.....Cincinnati
B.Sc. in Bus.Adm.; M.B.A. (University of Miami)
Dissertation: A Historical Study of Labor-Management Relations Pertaining to Dieselization of Railroads in the United States
Field of Specialization: Business Organization
- John Joseph Andrews.....Decatur, Ga.
B.B.A. (Emory University); M.S. (Florida State University)
Dissertation: A Savings and Loan Association Functional Cost Analysis
Field of Specialization: Business Organization
- Albert Tewfik Awad.....Cairo, Egypt
B.Pharm., M.Pharm. (Cairo University)
Dissertation: A Contribution to the Study of the Alkaloids in the Genus *Zanthoxylum* (Rutaceae)
Field of Specialization: Pharmacy
- Arthur Fredrick Badenhop.....Malinta
B.Sc. in Ag'l. Biochem.
Dissertation: A Quantitative and Qualitative Study of Some of the Volatile Components in Processed Tomato Juice
Field of Specialization: Horticulture and Forestry
- David Elton Bidstrup.....Greenville, Mich.
B.S.E. (Ch.E.) (University of Michigan); M.Sc.
Dissertation: Axial Dispersion of Liquids in Packed Beds and a Porous Medium Utilizing Pulse and Frequency Response Techniques
Field of Specialization: Chemical Engineering
- Larry Irvin Bone.....Conrad, Ia.
B.A. (Coe College, Iowa); M.Sc.
Dissertation: The Gas Phase Radiolysis of Propane
Field of Specialization: Chemistry
- Stanley David Brunn.....Bridgeport, Ill.
B.S. in Ed. (Eastern Illinois University); M.S. (University of Wisconsin)
Dissertation: Cross-sectional Analysis of Two Central Place Systems in Ohio
Field of Specialization: Geography
- James Edward Bubb.....Williamsport, Pa.
B.S. in M.E. (Bucknell University); M.S.M.E. (Purdue University)
Dissertation: Boundary Layer Characteristics in a Diverging Duct
Field of Specialization: Mechanical Engineering

- Keith Taylor Buck.....Norwalk, Conn.
 B.S. (University of Michigan)
Dissertation: The Synthesis of Doryphora Sassafras Alkaloids and the Preparation and Oxidation of N-Acylbenzyltetrahydroisquinolines
Field of Specialization: Chemistry
- Larry Andrew Caid.....Leavenworth, Kans.
 B.S. (University of Maryland); M.S. (Bucknell University)
Dissertation: A Bayesian Approach to Competitive Bidding
Field of Specialization: Industrial Engineering
- Laura DeLashmutt Calvert.....Albuquerque, N. Mex.
 B.A., M.A. (University of New Mexico)
Dissertation: Ideas and Style in the Spiritual Alphabets of Francisco De Osuna
Field of Specialization: Romance Languages (Spanish)
- Laura Hill Chapman.....Tampa, Fla.
 B.S. (Florida State University); M.A. (New York University)
Dissertation: Game Theory as an Analytical Tool for Inquiry in Art Education
Field of Specialization: Art
- Robert Homer Cherry, Jr.....Columbus
 B.S. in Ch.E. (Pennsylvania State University); M.S.E. (University of Michigan)
Dissertation: Azeotropic Behavior in the Critical Region: The System Aceton—n-Pentane
Field of Specialization: Chemical Engineering
- Charles Dean Corman.....South Charleston, W. Va.
 A.B., A.M. (West Virginia University)
Dissertation: Stimulus Generalization of Habituation of the Galvanic Skin Response
Field of Specialization: Psychology
- Charles Cavender Davis.....Butte, Mont.
 B.S. in Chem. (Montana State College)
Dissertation: The Synthesis of 9, 10-Dimethyl-1, 2-Benz-3, 4-Anthraquinone
Field of Specialization: Chemistry
- Terry Lee Davis.....Worthington
 B.Met.E.
Dissertation: A Theoretical and Experimental Examination of the Nucleation of Dislocation Loops in Aluminum
Field of Specialization: Metallurgical Engineering
- David Kenneth Dawson.....Grove City
 B.S. in Ed., M.S. in Ed. (Bowling Green State University)
Dissertation: An Instructional Program for Children with Perceptually Related Learning Disabilities
Field of Specialization: Education

- James Leon Day.....Columbus
 B.S.Pharm. (Ohio Northern University); M.Sc.
Dissertation: I. A Re-examination of Spath and Gohring's Synthesis of Pseudoephedrine II. Synthesis of Some Ring Analogs of Ephedrine and Pseudoephedrine
Field of Specialization: Pharmacy
- David Livingstone Deever.....Westerville
 B.A., B.S. (Otterbein College)
Dissertation: Order Properties and Topologies of Sets of Transfinite Dyadic Sequences
Field of Specialization: Mathematics
- Ronald Wayne Dickey.....Pawnee, Ill.
 B.S. (Western Illinois University); M.Sc.
Dissertation: An Analysis of Financial Management of Agricultural Cooperative Business Organizations in Ohio and Recommendations for Improvement
Field of Specialization: Agricultural Economics and Rural Sociology
- Norman Ellswood Dittrich.....Madison, Wis.
 B.S., M.S. (San Diego State College)
Dissertation: Accounting Implications of the Relative Objectivity of the Appraisal Process
Field of Specialization: Accounting
- Robert Henry Dolliver.....Cleveland
 B.A. (Cornell College); M.A.
Dissertation: The Relationship of Certain Variables to the Amount of Agreement in Inventoried and Expressed Vocational Interests
Field of Specialization: Psychology
- Robert Frank Fallis.....Vancouver, B. C., Canada
 B.A. (University of British Columbia); M.Sc. (McGill University)
Dissertation: The Determination, Weighting, and Cross-Validation of Criterion Dimensions of Salesmen's Performance
Field of Specialization: Psychology
- William Loren Flinn.....Piqua
 B.Sc. in Agr., M.Sc.
Dissertation: Adaptation of Rural Colombian Migrant Families to the Urban Society of Bogota, Colombia
Field of Specialization: Agricultural Economics and Rural Sociology
- Dennis Walden Foreman, Jr.....Canton
 B.S. (Mount Union College); M.Sc.
Dissertation: The $(O_4H_4)^{-4}$ Tetrahedron in Tricalcium Aluminate Hexadeuterate Determined by Means of Neutron and X-Ray Diffraction
Field of Specialization: Mineralogy
- Sidney Gael.....Dayton
 A.B. (Hunter College); M.S. (Pennsylvania State University)
Dissertation: Cross-cultural Behavior as a Function of Attitude
Field of Specialization: Psychology

- Wilbur Seth Gaugh.....Sharon, Pa.
 B.A. (Thiel College)
Dissertation: The Synthesis of 3-(1-Naphthyl-4-phenanthrylmethyl) Glutaric Acid: A Potential Intermediate for Heptahelicene
Field of Specialization: Chemistry
- Claude Milton Gillespie, Jr.....Columbus
 B.S. in Phys. (Georgia Institute of Technology)
Dissertation: The Use of a Solid State Detector for Conversion Electron Spectroscopy and a Study of the Radioactive Decay of ⁹⁷Ru
Field of Specialization: Physics
- Frances McClure Griffin.....Rushsylvania
 B.S. (Geneva College); M.S. (University of Pittsburgh)
Dissertation: On the Interaction of Chemical Stimuli with Taste Receptors
Field of Specialization: Physiological Chemistry
- Edwin Raymond Haering.....Columbus
 B.Ch.E., M.Sc.
Dissertation: Dynamic Adsorption and Desorption Studies on a Reactive System: t-Butyl Alcohol—Water—Isobutylene—Alumina
Field of Specialization: Chemical Engineering
- Robert Joseph Hanny.....Youngstown
 B.Sc. in Edu., M.A.
Dissertation: The Relationship Between Selected Personality Characteristics and Teacher Verbal Behavior
Field of Specialization: Education
- Sarah Mildred Harper.....Greenville, Miss.
 B.S.H.E. (Tuskegee Institute); M.S. (Columbia University)
Dissertation: The Relation of Selected Nutritional Factors to the Development of Passive Systemic Anaphylaxis and Antibody Formation in Gnotobiote and Conventional Mice
Field of Specialization: Home Economics
- Janice Nedra Harrison.....Hiram
 B.A., M.A.
Dissertation: The Relation of Student Expectancy Level to Improvement in a Study Skills Course and in Counseling
Field of Specialization: Psychology
- Hooshang Hemami.....Esfahan, Iran
 B.S. (University of Teheran); M.S.E.E., E.E. (Massachusetts Institute of Technology)
Dissertation: Representation and Identification of Nonlinear Systems
Field of Specialization: Electrical Engineering
- William Morris Hill.....Columbus
 A.B. (Miami University); B.Sc. in Edu., M.Edu.
Dissertation: The Effects on Verbal Teaching Behavior of Learning Interaction Analysis as an In-Service Education Activity
Field of Specialization: Education

- William Ransom Hoots, Jr.**.....Greenville, N. C.
 B.S. in Ed., M.A. in Ed. (Western Carolina Teachers College)
Dissertation: Graphic Arts Education in the Public Schools of North Carolina, with Implications for Teacher Education
Field of Specialization: Education
- Mark Robert Hopkins**.....Evansville, Ind.
 A.B. (Wabash College)
Dissertation: On the Existence of a Finite Invariant Measure
Field of Specialization: Mathematics
- Heung Tai Kim**.....Seoul, Korea
 B.Sc. in Eng. (Seoul National University) ; M.Sc.
Dissertation: Kinetic Interpretation of Non-Newtonian Flow
Field of Specialization: Chemical Engineering
- Joann Kindt**.....Prescott, Ariz.
 B.F.A., M.F.A. (School of the Art Institute, Chicago, Illinois)
Dissertation: Compositional Forms in the Landscape Genre and Their Persistence in Twentieth-Century Abstract Painting, with an Exhibition of Paintings
Field of Specialization: Art
- Harvey Lee Kiser**.....Wapakoneta
 B.Sc. in Agr., M.Sc.
Dissertation: An Analysis of the Return on Investment in Country Elevators in Ohio, 1956-1964
Field of Specialization: Agricultural Economics and Rural Sociology
- Vipin Mohanlal Kothari**.....Ahmedabad, India
 B.S. (Gujarat University) ; M.S. (Brigham Young University)
Dissertation: Metal Complexes of Cysteine, Its Analogs, and Derivatives
Field of Specialization: Chemistry
- Phasook Kullavanijaya**.....Bangkok, Thailand
 B.Ch.E., M.Sc.
Dissertation: Statistical Study of the Benzene Oxidation Process in a Fluidized Bed Reactor
Field of Specialization: Chemical Engineering
- John Robert Larry**.....Mount Clare, W. Va.
 B.S. (West Virginia University)
Dissertation: Studies of the Interaction of Chlorophylls and Derivatives with Trinitrobenzene
Field of Specialization: Chemistry
- Eugenio Lerner**.....Rio de Janeiro, Brazil
 B.S. (University of Brazil) ; M.Sc.
Dissertation: Thermal, Electrical, and Magnetic Properties of Superconducting Mo-Re Alloys
Field of Specialization: Physics

- Inez Baisden Livingston.....Oak Hill
 B.S. in H.Ec. (University of Kentucky) ; M.A.
Dissertation: Social, Economic, and Political Influences on the Development of Residence Halls for Women in Colleges and Universities in the United States
Field of Specialization: Education
- Tanweer Ahmad Lodhi.....Lyallpur, Pakistan
 B.Sc., M.Sc. (University of the Punjab) ; M.A. (American University of Beirut)
Dissertation: Developing a Pre-Service Education Program for Agriculture Teachers at West Pakistan Agricultural University, Lyallpur (Pakistan)
Field of Specialization: Agricultural Education
- John Frederick Long.....Napoleon
 B.A., D.V.M., M.Sc.
Dissertation: The Natural Occurrence and Experimental Production of Porcine Polioencephalomyelitis
Field of Specialization: Veterinary Pathology
- Mark Morris Macomber.....Pasadena, Calif.
 B.S. in Engr. (California Institute of Technology) ; M.Sc.
Dissertation: The Influence of Anomalous Gravity on the Performance of a Mechanically Perfect Inertial Navigation System
Field of Specialization: Geodetic Science
- Mohamed Fathi Madkour.....Giza, Egypt
 B.Mine.Eng. (Cairo University) ; M.Sc.
Dissertation: On the Gravity Anomaly Above the Earth and Its Attenuation
Field of Specialization: Geodetic Science
- James Lawrence Marshall.....Decatur, Ala.
 B.S. (Indiana University)
Dissertation: The Nonclassical Norbornyl Cation
Field of Specialization: Chemistry
- John Edwin McDavid, Jr.....Columbus
 B.Sc. in Agr., M.B.A.
Dissertation: Contributions Other than Capital Funds of the Small Business Investment Companies to Small Business
Field of Specialization: Business Organization
- Cleveland McDonald.....Pittsburgh, Pa.
 B.A. (James Milliken University) ; M.Litt. (University of Pittsburgh)
Dissertation: The History of Cedarville College
Field of Specialization: Education
- William Wilfred McKenna.....Reedsville, Pa.
 B.S. (Pennsylvania State University) ; S.M. (Massachusetts Institute of Technology)
Dissertation: An Investigation of the Behavior of a Detonation Wave in a Flowing Combustible Mixture
Field of Specialization: Aeronautical and Astronautical Engineering

- Juan Bautista Modolell.....Santa Cruz de Tenerife, Spain
Dissertation: Adenosine Triphosphatase Activities of Rat Epididymal Adipose Tissue
Field of Specialization: Agricultural Biochemistry
- Ahmed-Kilani Mohamed Mostafa.....Alexandria, Egypt
 B.Sc., M.Sc. (University of Alexandria)
Dissertation: Studies on the Control of Vascular Wilt Diseases of Cotton by Fungi Associated with the Cotton Plant
Field of Specialization: Botany and Plant Pathology
- Herbert H. Muktarian.....Columbus
 A.B. (Miami University); B.D., S.T.M. (Wittenberg University)
Dissertation: A Study of Development of Conservation of Quantity
Field of Specialization: Psychology
- Robert Howard Osborne.....Akron
 B.S. (Kent State University); M.S. in Geol. (Washington State University)
Dissertation: Bedrock Geology and Limestone Petrology of Eastern Hamilton County, Ohio
Field of Specialization: Geology
- Gurland Howard Phillips.....Columbus
 B.Sc. in Agr., M.Sc.
Dissertation: Rural and Urban Value Commitments and Their Relationship to Social Action
Field of Specialization: Agricultural Economics and Rural Sociology
- George Alvin Pierce.....Reynoldsburg
 S.B. (Massachusetts Institute of Technology)
Dissertation: Optical Measurement of Pressure on an Oscillating Supersonic Airfoil
Field of Specialization: Aeronautical and Astronautical Engineering
- Linda Jane Piper.....Blairsville, Pa.
 A.B. (University of Pittsburgh); M.A.
Dissertation: A History of Sparta: 323-146 B.C.
Field of Specialization: History
- Donald Elden Pitzer.....Springfield
 A.B. (Wittenberg University); M.A.
Dissertation: Professional Revivalism in Nineteenth-Century Ohio
Field of Specialization: History
- John William Reed.....Cedarville
 B.A. (William Jennings Bryan College); B.D. (Grace Theological Seminary); M.A. (Bowling Green State University)
Dissertation: The Rhetoric of a Colonial Controversy: Roger Williams Versus the Massachusetts Bay Colony
Field of Specialization: Speech

- George William Reynolds, Jr.....Latham, N. Y.
 B.S., M.S. (State University of New York, Albany)
Dissertation: The Usefulness of the Portable Video Recorder in Supervising Student Teachers of Science
Field of Specialization: Education
- Robert Barzilla Ribble.....Allentown, Pa.
 B.S. in Edu. (Pennsylvania State Teachers College, Kutztown); M.S. in Edu. (Temple University)
Dissertation: The Structure-Discovery Approach in the Social Studies
Field of Specialization: Education
- Donald Lee Roth.....Uhrichsville
 B.M.E., M.Sc.
Dissertation: An Analytical Study of Some Effects of External Vibrations and Internal Imperfections on the Performance of Gyroscopes
Field of Specialization: Engineering Mechanics
- Edgar Ernest Russell.....Columbus
 B.Sc. in Phys., M.Sc.
Dissertation: Measurement of the Optical Constants of Sapphire and Quartz in the Far Infrared with the Asymmetric Fourier Transform Method
Field of Specialization: Physics
- Glenn Alan Saltzman.....Findlay
 B.Sc. in Edu., M.A.
Dissertation: Programed Materials and School Counselor Development
Field of Specialization: Education
- Clyde Calvin Schrickel.....Cincinnati
 A.B. (Hanover College); M.B.A. (Xavier University)
Dissertation: Personnel Practices of United States Manufacturing Firms Operating in Colombia, Ecuador, Peru, and Venezuela
Field of Specialization: Business Organization
- Charles Roy Schultz.....Mystic, Conn.
 B.A. (Texas Lutheran College); M.A. (Bowling Green State University)
Dissertation: Hayne's Magnificent Dream: Factors Which Influenced Efforts to Join Cincinnati and Charleston by Railroad, 1835-1860
Field of Specialization: History
- Allen Edward Segrist.....Delta
 B.S. in Ed. (Miami University); M.A.
Dissertation: Admission of Transfer Students
Field of Specialization: Education
- William Paul Sexton.....Columbus
 B.Sc. in Bus.Adm., M.B.A.
Dissertation: Organizational Necessities and Individual Needs: An Empirical Study
Field of Specialization: Business Organization

- Moses Maurice Sheppard.....Norfolk, Va.
 B.S., M.A. (East Carolina College, Greenville, North Carolina)
Dissertation: The Environmental Factors Related to the Learnings of
 Ninth-Grade Science Pupils
Field of Specialization: Education
- Richard Walter Skinner.....Tacoma
 B.Sc. in Agr., M.Sc.
Dissertation: Consumer Motivation in Supermarket Selection: A Fac-
 tor Analysis
Field of Specialization: Agricultural Economics and Rural Sociology
- Melvin Michel Slott.....Whitewater, Wis.
 B.A., M.A.
Dissertation: Summer Theatre in American Colleges and Universities:
 A Directory
Field of Specialization: Speech
- John Marion Speer.....Oconee, Ill.
 B.S. (Eastern Illinois University); M.Sc.
Dissertation: Biosystematic Studies in the Genus *Silphium* L. (Com-
 positae): *S. asteriscus* L. and *S. asperrimum* Hooker
Field of Specialization: Botany and Plant Pathology
- Phillip Eugene Stebbins.....Columbus
 B.S. (University of Wisconsin); LL.B.
Dissertation: A History of the Role of the United States Supreme
 Court in Foreign Policy
Field of Specialization: History
- Ralph Cletus Steinlage.....St. Henry
 B.S. (University of Dayton); M.Sc.
Dissertation: Haar Measure in Locally Compact Hausdorff Spaces
Field of Specialization: Mathematics
- Reuben Victor Stohs.....Oak Park, Ill.
 B.S. in Ed. (Concordia Teachers College); M.A. (University of Minne-
 sota)
Dissertation: Comparative Analysis of Personality Variables Among
 Graduate Students in Guidance and Physical Education and Among
 School Counselors
Field of Specialization: Education
- Ralph Woodrow Storts.....Zanesville
 D.V.M.; M.S. (Purdue University)
Dissertation: A Study of Myelinating Canine Cerebellar Tissue Cul-
 ture During Normal Development and Following Exposure to Canine
 Distemper Virus
Field of Specialization: Veterinary Pathology
- Karlis Svanks.....Columbus
 Chem.Engr. (University of Latvia)
Dissertation: Flow Characteristics of Adsorbed Gas Through Porous
 Yycor
Field of Specialization: Chemical Engineering

- Robert Lee Swaim.....Dayton
 B.S.Aero.E., M.S. Aero.E. (Purdue University)
Dissertation: Active Control of Booster Elasticity
Field of Specialization: Electrical Engineering
- Carol Reichert Sweeney.....Columbus
 A.B. (Antioch College); M.Sc.
*Dissertation: Biosystematic Studies in the Genus *Silphium* L. (Compositae): *Silphium compositum* Michaux*
Field of Specialization: Botany and Plant Pathology
- Robert James Thierauf.....Cincinnati
 B.Sc. in Bus.Adm., M.B.A. (Xavier University)
Dissertation: The Measurement and Managerial Uses of the Value Added Ratio with the Proposed Production Income and Value Added Statement
Field of Specialization: Business Organization
- John Powers Thomas.....New Orleans, La.
 B.S.(M.E.), B.S.(Aero.E) (University of Colorado); M.S.M.E. (Purdue University)
Dissertation: Investigation of the Pressure Distribution on a Blunt-Fin Blunt-Plate Combination of a Mach Number of 11.26
Field of Specialization: Aeronautical and Astronautical Engineering
- James Hugh Thompson.....Findlay
 B.S. (Findlay College); M.Ed. (Bowling Green State University)
Dissertation: A Study of the Teaching Situation Reaction Test
Field of Specialization: Education
- William Andrew Troth.....Fairborn
 A.B., M.Ed. (Wittenberg University)
Dissertation: The Nature and Range of School Counselor Sub-Roles in the Counseling Interview
Field of Specialization: Education
- Edward William Ungar.....Columbus
 B.M.E. (City College, New York); M.Sc.
Dissertation: The Effect of Fluid Injection and Suction on the Laminar Boundary Layer/Shock Wave Interaction
Field of Specialization: Mechanical Engineering
- Johannes Cornelis Vanderleeden.....Hengelo, Holland
 B.Sc., M.Sc.
Dissertation: Double-Photon Decay in Zirconium-90 and Double Internal Bremsstrahlung in the Beta Decay of Yttrium-90 and Phosphorus-32
Field of Specialization: Physics
- Cletus Norman Welch.....Convoy
 B.S. (Bowling Green State University); M.Sc.
Dissertation: Synthesis, Characterization, and Reactions of Selected Heteronuclear Diboron Ring Systems
Field of Specialization: Chemistry

- Marlin Spike Werner.....Asheville, N. C.
 A.B. (University of Missouri); M.S. (Johns Hopkins University)
Dissertation: Alterations in the Duration, Pitch, and Intensity of Spoken Passages Through Successively Hearing and Repeating Them
Field of Specialization: Speech
- Brent Guy Wilson.....Preston, Idaho
 B.S. (Utah State University)
Dissertation: The Development and Testing of an Instrument to Measure Aspective Perception of Paintings
Field of Specialization: Art
- Richard Neil Wolman.....Columbus
 A.B. (Brandeis University); M.A.
Dissertation: A Development Study of the Perception of People
Field of Specialization: Psychology
- Marcus Orrin Workman.....Massillon
 B.A. (Manchester College)
Dissertation: Transition Metal Complexes of Tridentate Ligands Containing Phosphorus, Arsenic, and Sulfur Donor Atoms
Field of Specialization: Chemistry
- Jay Howard Worrell.....Durham, N. H.
 B.S., M.S. in Chem. (University of New Hampshire)
Dissertation: Stereochemistry of Cobalt (III) Complexes Derived from Linear Tetradentate Ligands Containing Pairs of Thioether and Primary Amine Groups
Field of Specialization: Chemistry
- James Elbert Wright.....Kerrville, Tex.
 B.S. (Agricultural and Mechanical College of Texas)
*Dissertation: Diapause Induction, Maintenance, and Termination Studies on Larvae of *Aedes triseriatus* (Say) (Diptera: Culicidae)*
Field of Specialization: Zoology and Entomology
- Keith Edward Yandell.....Royal Oak, Mich.
 A.B., M.A. (Wayne State University)
Dissertation: Metaphysical Systems and Decision Procedures
Field of Specialization: Philosophy
- Peter Kin-Liang Yin.....Taipei, Taiwan, China
 B.S. (Virginia Polytechnic Institute); M.Sc.
Dissertation: High Resolution Spectra of Arsine
Field of Specialization: Physics
- Fredrick Claus Zumsteg.....Lexington
 B.S. (University of Illinois); M.A.
Dissertation: A Comparative Study of Teacher Participation in Educational Planning for New Elementary School Buildings
Field of Specialization: Education

(Ninety-eight candidates)

Master of Accounting

Russell M. Barefield.....San Antonio, Tex.
B.B.A. (University of Texas)
Field of Specialization: Accounting

Robert William Bertelsbeck.....Cleveland
B.Sc. in Bus.Adm.
Field of Specialization: Accounting

Lee In Sook Brungs.....Columbus
B.Sc. in Bus.Adm.
Field of Specialization: Accounting

Frederick Earl Carpenter.....Cuyahoga Falls
B.S. (Miami University)
Field of Specialization: Accounting

Harvey Kimmel.....Philadelphia, Pa.
B.S. (Pennsylvania State University)
Field of Specialization: Accounting

James Harold Macklin.....Newark
B.A.
Field of Specialization: Accounting

Emmett Daniel Smith.....Sacramento, Calif.
B.B.A. (Baylor University)
Field of Specialization: Accounting

(Seven candidates)

Master of Architecture

Neville Henry Clouten.....Cooranbong, N.S.W., Australia
B.Arch. (University of Sydney)
Field of Specialization: Architecture

Harry Hung Kwan Lau.....Hong Kong, China
B.Arch.
Field of Specialization: Architecture

(Two candidates)

Master of Arts

- Peter Afzal Abdul-Haqq.....Chandigarh, Punjab, India
B.Sc. (University of Allahabad); M.A. (Agra University)
Field of Specialization: Education
- Aline Neidhart Anderson.....Sandusky
B.S. (Miami University)
Field of Specialization: Speech
- Sterling Treat Apthorp, Jr.....Shaker Heights
A.B. (Dartmouth College); B.Sc. in Edu.
Field of Specialization: Education
- Warren Alan Baker.....Buffalo, N. Y.
B.Sc.
Field of Specialization: Education
- Laura Gerlach Ballenger.....Kent
B.Sc. in Edu.
Field of Specialization: Education
- Marianne Peternella B. Barendregt.....Fairborn
B.A.
Field of Specialization: Romance Languages (French)
- Roger Allen Barnett.....Columbus
B.Sc.
Field of Specialization: Psychology
- Shirley Miller Bartell.....Columbus
B.S. (University of Nebraska)
Field of Specialization: English
- Bonnie Jo Barthold.....Tucson, Ariz.
B.A. (University of Arizona)
Field of Specialization: English
- Peter John Bath.....London, England
B.Sc. (Econ.) (University of London)
Field of Specialization: Political Science
- Penelope Ann Bazler.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- John Henry Becker.....Westerville
B.A. (Otterbein College); M.S. (University of Illinois)
Field of Specialization: History
- Charles Adrien Benore.....Columbus
B.S.C. (Ohio Universtiy)
Field of Specialization: Economics

- Hilda Cheek Bess.....Columbus
 B.S. (Agricultural and Technical College of North Carolina)
Field of Specialization: Education
- Carol S. Bichan.....Hamler
 B.S. in Edu. (Bowling Green State University)
Field of Specialization: Education
- Rosalyn Lee Biederman.....Shaker Heights
 B.A.
Field of Specialization: Romance Languages (Spanish)
- David Karl Binau.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Sarah Gilbert Bishop.....Tenafly, N. J.
 B.A. (College of Wooster)
Field of Specialization: Romance Languages (Spanish)
- Harry Richard Blaine.....Youngstown
 B.A.; LL.B. (Yale University)
Field of Specialization: Sociology (Anthropology)
- Michael Steven Boley.....Columbus
 A.B. (Ohio University)
Field of Specialization: Political Science
- Eugene Lee Borden.....Ashley
 B.Sc. in Edu.
Field of Specialization: Education
- James Allen Braden.....Washington, Pa.
 B.S. in Ed. (California State College, Pennsylvania)
Field of Specialization: History
- Fredrick Leroy Bradshaw.....Fort Collins, Colo.
 B.A. (Colorado State University)
Field of Specialization: History
- Roger Joseph Brandner.....Cincinnati
 B.S. (Xavier University)
Field of Specialization: Education
- Jonathan Spencer Bray.....Albany, N. Y.
 B.A.
Field of Specialization: History
- Douglas MacArthur Brown.....Warren
 A.B. (Wittenberg University)
Field of Specialization: Economics

- David Bredt Brubaker.....Reynoldsburg
 B.S. (Kent State University)
Field of Specialization: Journalism
- Thomas Glenn Buckham, Jr.....Mt. Vernon
 B.A.
Field of Specialization: Journalism
- Betty White Buckner.....Columbus
 B.Sc. in Edu.
Field of Specialization: Art
- Rita Kathryn Burns.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Richard Harley Calendine.....Parkersburg, W. Va.
 B.A. (West Virginia Wesleyan College)
Field of Specialization: Psychology
- Lowanne Jones Callander.....Bowling Green
 A.B. (Miami University)
Field of Specialization: Romance Languages (French)
- David John Carlson.....Cleveland
 B.Sc. in Edu.
Field of Specialization: Education
- Malcolm Wright Chandler, Jr.....Silver Spring, Md.
 B.S. (United States Military Academy)
Field of Specialization: Education
- Janet Pirro Cisler.....Grove City
 B.A. (Malone College)
Field of Specialization: English
- Ann Abrahamson Conklin.....Evanston, Ill.
 B.S. (Iowa State University)
Field of Specialization: Education
- Sharon Kuhn Corbett.....Columbus
 B.S. in Ed. (Ball State Teachers College)
Field of Specialization: Education
- William Lawson Currie.....Columbus
 A.B. (Illinois College)
Field of Specialization: Psychology
- Rosemary Dassel.....Columbus
 B.S. in Edu. (Capital University)
Field of Specialization: Education

- Patricia Allen Davis.....Springfield
 B.A. (Fisk University)
Field of Specialization: English
- Bernice Sanor Doughty.....Homeworth
 B.Sc., B.Sc. in Edu.
Field of Specialization: Education
- Dorothy Quincy Driver.....Boston, Mass.
 B.A. (Bryn Mawr College)
Field of Specialization: Physical Education
- Charles Gary Echelbarger.....Findlay
 B.A.
Field of Specialization: Philosophy
- John Reed Ewart.....Mt. Vernon
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Carolyn Pifer Faust.....Mansfield
 B.A.
Field of Specialization: Music
- Robert Neal Ferguson.....Baltimore, Md.
 B.S. (Howard University)
Field of Specialization: Speech
- Adalene Smith Flechtner.....Middleport
 B.A., B.Sc. in Edu.
Field of Specialization: Music
- John Frederick Fleischauer.....Dayton
 A.B. (Cornell University)
Field of Specialization: English
- Joan Lucille Foucht.....Zanesville
 B.Sc. in Edu.
Field of Specialization: Education
- Harvey Richard Freeman.....Cleveland
 A.B. (Miami University)
Field of Specialization: Psychology
- Barry Friedlander.....New York, N. Y.
 A.B. (City College, New York)
Field of Specialization: Journalism
- John Burton Galipault.....Worthington
 B.S. (State University Teachers' College, Cortland, New York)
Field of Specialization: Education
- Joan Zimmerman Garver.....Fostoria
 B.A.
Field of Specialization: Journalism

- Leonard Seymour Goldberg.....New York, N. Y.
 B.A. (State University College of Education, Oswego, New York)
Field of Specialization: Education
- Allan David Goldfarb.....Albany, N. Y.
 B.A.
Field of Specialization: Political Science
- Peter Alexis Goudinoff.....Lakewood
 B.A.
Field of Specialization: Political Science
- Joseph Kennedy Groscoast.....Sandusky
 B.A. (Ohio Wesleyan University)
Field of Specialization: Physical Education
- Roland Francis Haag.....Cleveland
 A.B. (John Carroll University)
Field of Specialization: Classical Languages (Latin)
- Dennis Raphael Hall.....Columbus
 B.A. (University of Notre Dame)
Field of Specialization: English
- Randolph Thomas Harper.....Hartford, Conn.
 B.S.S. (Fairfield University)
Field of Specialization: Psychology
- Shirley Ann Heiby.....Bucyrus
 B.S. in Edu. (Bowling Green State University)
Field of Specialization: Education
- Robert Hartley Henry.....West Mansfield
 B.S. in Edu. (Ohio Northern University)
Field of Specialization: Education
- Pamela Huddy Higgins.....Columbus
 B.Sc. in Edu.
Field of Specialization: Art
- Paul Thomas Hill.....Riverton, Wyo.
 B.A. (Seattle University)
Field of Specialization: Political Science
- Wayne Larry Hoffman.....Oshkosh, Wis.
 B.S. (Wisconsin State College)
Field of Specialization: Geography
- Brian Patrick Holleran.....Cuyahoga Falls
 B.S. (Kent State University)
Field of Specialization: Speech
- Beverly Rine Holmes.....Columbus
 B.S. in Edu. (Bowling Green State University)
Field of Specialization: Education

- Lester Louis Homan.....Chickasaw
 B.A. (Saint Josephs College)
Field of Specialization: Slavic Languages
- Marianne Fry Imhoff.....Hilliard
 B.Sc. in Edu.
Field of Specialization: Education
- Teruhiro Ishiguro.....Morishoji, Japan
 B.A., M.A. (Doshisha University)
Field of Specialization: Linguistics
- Choji Ishimine.....Naha, Okinawa
 B.Ed. (University of the Ryukyus)
Field of Specialization: Music
- Herbert Curtis James.....East Liverpool
 B.Sc. in Edu.
Field of Specialization: Education
- Marjorie King Johnson.....Mt. Vernon
 A.B. (Denison University)
Field of Specialization: Speech
- Sharon Cename Jolly.....Bethel Park, Pa.
 B.A. (Catholic University of America)
Field of Specialization: Speech
- Nancy Ann Jones.....Lubbock, Tex.
 B.S. in Edu. (Texas Technological College)
Field of Specialization: Education
- Stephanie Lorber Karger.....Waltham, Mass.
 A.B. (Brandeis University) ; B.Sc. in Edu.
Field of Specialization: History
- Jessie Louise Keller.....Toledo
 B.Sc. in Edu.
Field of Specialization: Education
- Constance Bunte Kenty.....Columbus
 B.S. in Ed. (University of Cincinnati)
Field of Specialization: Education
- David Turney Keyes.....Tucson, Ariz.
 B.F.A. (University of Arizona)
Field of Specialization: Art
- Richard Christopher Kinard.....Carmel, Calif.
 B.S. (United States Military Academy)
Field of Specialization: Political Science

- Evelyn Grant Klemm**.....Carterville, Ill.
 B.A. (Southern Illinois University)
Field of Specialization: English
- Thomas Williams Lacey**.....Columbus
 B.Sc. in Bus.Adm.
Field of Specialization: Economics
- Steven James Lautermilch**.....Tiffin
 A.B. (John Carroll University)
Field of Specialization: English
- Neil Burkhardt Lehman**.....Berne, Ind.
 A.B. (Bluffton College)
Field of Specialization: History
- Robert Lee Lembright**.....Alliance
 A.B. (Miami University)
Field of Specialization: History
- Rosemary Forsyth Leuchter**.....Columbus
 A.B. (Denison University); M.A. (Columbia University)
Field of Specialization: English
- James Ellsworth Lifer**.....Ashland
 B.S. in Edu. (Ashland College)
Field of Specialization: Education
- Elizabeth Lewton Long**.....Oil City, Pa.
 B.Sc. in Edu.
Field of Specialization: Romance Languages (French)
- Frank Patrick Lynch, Jr.**.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Jack William Lyttle**.....Cambridge
 B.A. (Muskingum College)
Field of Specialization: Education
- Laurence Eben MacDonald**.....Columbus
 B.Mus.
Field of Specialization: Music
- Carol Black Maize**.....Columbus
 B.M.Ed. (Capital University)
Field of Specialization: Music
- Charlotte Ann Manley**.....Columbus
 B.A. (Ohio Wesleyan University)
Field of Specialization: Education

- James Sinclair Mathison.....Prentiss, Miss.
 B.S. (United States Military Academy)
Field of Specialization: Education
- Kathe Kahn Mayer.....New Rochelle, N. Y.
 B.A. (University of Delaware)
Field of Specialization: History
- Lynn David Mayer.....Sandusky
 B.A. (Hobart College); B.F.T. (American Institute for Foreign Trade)
Field of Specialization: Business Organization
- Ida Lucille McDaniel.....Columbus
 A.B. (Asbury College)
Field of Specialization: Education
- Kathryn Sue McDaniel.....Richwood
 B.A., B.Sc. in Edu.
Field of Specialization: Education
- Diane Alane McDowell.....Dublin
 B.Sc. in Edu.
Field of Specialization: Education
- Nikki Pascal McMillin.....Bethel, Me.
 B.A. (University of Denver)
Field of Specialization: Speech
- Betty Jane Merrilees.....Cambridge
 B.S. in Edu. (Muskingum College)
Field of Specialization: Education
- Donald Edwin Metzler.....Circleville
 B. of Music Edu. (Otterbein College)
Field of Specialization: Education
- Joseph Alexander Mihalka.....Cleveland
 B.A.
Field of Specialization: Education
- Barbara Anne Mitchell.....Detroit, Mich.
 B.A. (Mercy College)
Field of Specialization: Classical Languages (Latin)
- David Clinton Morris.....Grove City
 B.A.
Field of Specialization: Sociology
- Barbara Anne Muller.....Bronx, N. Y.
 B.A. (Harpur College)
Field of Specialization: Psychology
- Leslie Edward Mullins.....Enterprise, Ala.
 B.A. (University of Alabama)
Field of Specialization: Journalism

- William Anthony Muraco.....Cleveland
 B.Sc. in Edu.
Field of Specialization: Geography
- Adrian Ann Murphy.....Bowling Green
 B.A.
Field of Specialization: Sociology
- Bette Kay Musgrave.....Lebanon
 B.Sc. in Edu.
Field of Specialization: Education
- Wayne Arthur Oliver.....Huntsburg
 A.B. (Hiram College)
Field of Specialization: Psychology
- Andrew Joseph Oravets.....Toledo
 A.B. (University of Dayton)
Field of Specialization: English
- Elizabeth Hobart Ostrander.....Columbus
 A.B. (University of Cincinnati)
Field of Specialization: English
- Hanora Marie O'Sullivan.....Astoria, N. Y.
 B.A. (Marymount-Manhattan College)
Field of Specialization: Speech
- Jean Lannert Patton.....Columbus
 B.S. (Wittenberg University)
Field of Specialization: Education
- Lawrence Edwin Peterson.....Lake Forest, Ill.
 B.A. (Northwestern University)
Field of Specialization: Political Science
- William Frank Pilder.....Cincinnati
 B.S. in Edu. (University of Dayton)
Field of Specialization: Education
- Donald William Pollock.....Woodsfield
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Linda Penny Port.....Wantagh, N. Y.
 A.B. (Adelphi College)
Field of Specialization: Education
- Jean Melick Potts.....Bladensburg
 B.S. in Edu. (Kent State University)
Field of Specialization: Education

- Luis Mariano Proenza.....Atlanta, Ga.
 A.B. (Emory University)
Field of Specialization: Psychology
- George William Rader.....Columbus
 B.A.
Field of Specialization: History
- Roland Thomas Ramsay.....Granville
 B.Sc.
Field of Specialization: Education
- Roger Charles Rathbun.....Metamora
 A.B. (Capital University)
Field of Specialization: English
- Peter Nichols Richardson.....Gurnee, Ill.
 A.B. (Stanford University)
Field of Specialization: German
- Anne Beck Rismiller.....Columbus
 B.A. (Ohio Wesleyan University)
Field of Specialization: English
- Linda Myrtle Ritter.....Columbus
 B.S. in Ed. (Miami University)
Field of Specialization: Education
- Elizabeth Beach Robinson.....Canton
 B.A.
Field of Specialization: Sociology
- Susan Sprague Rork.....Elizabeth, N. J.
 B.A. (Ithaca College)
Field of Specialization: Romance Languages (French)
- Marty Sonya Royal.....Birmingham, Ala.
 B.Sc. in Edu.
Field of Specialization: Speech
- Robert Boyd St. John.....Erie, Pa.
 B.A. (Ohio Wesleyan University)
Field of Specialization: Education
- Ethel Jean Schaen.....Cincinnati
 B.S. (University of Cincinnati)
Field of Specialization: Education
- Ann Marie Scheib.....Maumee
 A.B. (Western Reserve University)
Field of Specialization: Psychology

- Mark Moor Schulz**.....Greenville
 A.B. (Capital University); M.A.
Field of Specialization: Art
- Josephine Smith Scott**.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- David John Benjamin Sherriff**.....Leicester, England
 B.A. (University of Leeds, England)
Field of Specialization: English
- Barbara Mei Shih**.....Taipei, Taiwan, China
 B.A. (Taiwan Normal University)
Field of Specialization: Linguistics
- Francis Clifford Shipley**.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Judith Appell Skeen**.....Galva, Ill.
 B.A. (Augustana College)
Field of Specialization: Psychology
- Dianne Lang Smith**.....Dayton
 B.Sc. in Edu.
Field of Specialization: Speech
- David Vincent Sorohan**.....New Lexington
 A.B. (College of Saint Charles Borromeo); S.T.B. and S.T.L. (Pontifical Gregorian University)
Field of Specialization: Education
- Joyce Goodman Spanabel**.....Minneapolis, Minn.
 B.S. (Kent State University)
Field of Specialization: Speech
- Beverly Burch Stanley**.....Hilliard
 B.A. (Drake University)
Field of Specialization: Education
- Wayne Edgar Steerman**.....Marion
 B.M. (Heidelberg College)
Field of Specialization: Music
- Jon Paul Stewart**.....Detroit, Mich.
 Ph.B. (University of Detroit)
Field of Specialization: Romance Languages (Spanish)
- David Howard Stone**.....Shreveport, La.
 B.A. (Louisiana State University)
Field of Specialization: Journalism

- Roger Milton Swagler.....Kent
 B.A. (College of William and Mary)
Field of Specialization: Economics
- Helen Deacon Swank.....New Madison
 B.Sc. in Edu.
Field of Specialization: Music
- Virginia Douglas Sweazy.....Westerville
 B.S. (University of Pittsburgh)
Field of Specialization: Education
- James John Thesing.....Xenia
 A.B. (University of Dayton)
Field of Specialization: Speech
- Carolyn Galbraith Thompson.....Columbus
 B.A.
Field of Specialization: Linguistics
- Louis Anthony Treboni.....Columbus
 B.F.A.
Field of Specialization: Education
- Hubert Thomas Tyler.....Bedford
 B.Sc. in Edu.
Field of Specialization: Education
- Laverne Esther Wachuta.....Garfield Heights
 B.Sc. in Edu.
Field of Specialization: Education
- Diane Lee Warner.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Eugene Blaine Wenger.....New Philadelphia
 A.B. (Heidelberg College) ; B.Sc. in Edu.
Field of Specialization: Education
- Sandra Rose Wexler.....Toledo
 B.S.Ed. (University of Michigan)
Field of Specialization: Education
- Larry Wayne Williams.....East Rockingham, N. C.
 B.A. (Wake Forest College)
Field of Specialization: Political Science
- Karl Louis Winegardner.....Galion
 B.S. in Edu. (Ohio Northern University)
Field of Specialization: Education

- Jon Victor Wulff.....Spokane, Wash.
 B.A., B.A. (Washington State University)
Field of Specialization: Philosophy
- Linda Kay Young.....McClure, Pa.
 B.A. (Elizabethtown College)
Field of Specialization: Education
- Francis Lambert Zebot.....Washington, D.C.
 A.B. (Harvard University)
Field of Specialization: Classical Languages (Latin)
- Kermit Charles Zieg, Jr.....Culver, Ind.
 B.S. (Indiana University)
Field of Specialization: Business Organization
- Howard Alan Zlotnick.....Columbus
 B.Sc.
Field of Specialization: Psychology
 (One hundred and sixty-four candidates)

Master of Business Administration

- Glenn Richard Baker.....Columbus
 B.Sc.
Field of Specialization: Business Organization
- Jerry William Bliley.....Union City, Pa.
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Donald Oakes Christman.....Dayton
 B.B.A. (University of Cincinnati)
Field of Specialization: Business Organization
- C. Jeffrey Connell.....Worthington
 B.A. (University of Dallas)
Field of Specialization: Business Organization
- David Rafael Cruz.....Tyndall AFB, Fla.
 A.B. (San Francisco State College)
Field of Specialization: Business Organization
- Jack Alan Evans.....North Canton
 B.B.A. (Western Reserve University)
Field of Specialization: Business Organization
- Meyer Garber.....Atlanta, Ga.
 B.S. (Duke University)
Field of Specialization: Business Organization
- David Lee Gelbaugh.....Springfield
 B.A.
Field of Specialization: Business Organization

- Dennis Lee German.....Ottawa
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- David Leroy Graham.....West Jefferson
 B.A.
Field of Specialization: Business Organization
- Daniel Ralph Grenier.....Blair, Nebr.
 A.B. (Colorado State College)
Field of Specialization: Business Organization
- Franklin James Hitt.....Berea
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Robert Michael Hoge.....Columbus
 B.Sc. in Phys.
Field of Specialization: Business Organization
- David Arthur Howe.....Columbus
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- J. David Hunger.....Barberton
 B.A. (Bowling Green State University)
Field of Specialization: Business Organization
- Thomas Jefferson Hurley.....Dayton
 A.B. in Gov't. (George Washington University)
Field of Specialization: Business Organization
- George John Isoma.....Conneaut
 B.S.M.E. (Case Institute of Technology)
Field of Specialization: Business Organization
- Andrew Janis.....Adena
 B.S.E.E., B.S.R.E. (Indiana Technical College)
Field of Specialization: Business Organization
- Robert William Jones.....Omaha, Nebr.
 B.S. in Bus. Adm. (University of Omaha)
Field of Specialization: Business Organization
- George Bertram Kauffman.....Columbus
 B.A. in B.A. (University of Washington)
Field of Specialization: Business Organization
- Jackson Alexander Kirk, Jr.....Warren, Pa.
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Robert Edward Levey.....Toledo
 B.S. (University of Pennsylvania)
Field of Specialization: Business Organization

- Allen Valjean Mahan.....Union, S. C.
 B.S. in Com. (The Citadel)
Field of Specialization: Business Organization
- James Leon Marshall.....Coshocton
 B.S. in M.E. (Case Institute of Technology)
Field of Specialization: Business Organization
- John Patrick O'Neill.....Cleveland
 B.S. Econ. (John Carroll University)
Field of Specialization: Business Organization
- James Opatrny, Jr.....Maple Heights
 B.E.E. (Fenn College)
Field of Specialization: Business Organization
- Ronald A. Prieto.....Astoria, N. Y.
 B.G.E. (University of Omaha)
Field of Specialization: Business Organization
- James Norbert Rimbey.....Cleveland Heights
 B.A. (Ohio Wesleyan University)
Field of Specialization: Business Organization
- Ray Everett Roberts, Jr.....Columbus
 B.S. (Georgetown College)
Field of Specialization: Business Organization
- Allan Dale Schuster.....St. Louis, Mo.
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- John Carroll Sirmans.....Ft. Myers, Fla.
 B.A. (University of Florida)
Field of Specialization: Business Organization
- Charles Ronnie Smith.....Dayton
 B.S. (Eastern Kentucky State College)
Field of Specialization: Business Organization
- Robert Davis Stewart.....Union, N. J.
 B.A.E. (Rensselaer Polytechnic Institute)
Field of Specialization: Business Organization
- Carl John Uhrmann, Jr.....Bellaire
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Francis William Wentz.....Houston, Minn.
 B.S.B. (University of Minnesota)
Field of Specialization: Business Organization
- Frederick Norman Zapf.....Milton, Mass.
 B.I.E.
Field of Specialization: Business Organization

(Thirty-six candidates)

Master of City Planning

- John Frederick Betak**.....Annandale, Va.
B.S. (Arizona State University)
Field of Specialization: Architecture (City Planning)
- Herbert Raymond Carpenter, Jr.**.....Grove City
B.Arch.
Field of Specialization: Architecture (City Planning)
- Eugene Edmund Carr**.....Salt Lake City, Utah
B.A., B.F.A. (University of Utah)
Field of Specialization: Architecture (City Planning)
- James Ralph Robert**.....Columbus
B.C.E. (University of Minnesota)
Field of Specialization: Architecture (City Planning)
- Stuart Robinson Shaffer**.....Louisville, Ky.
A.B. (Morehead State College)
Field of Specialization: Architecture (City Planning)
- Joseph Saul Solomon**.....Philadelphia, Pa.
A.B. (Temple University)
Field of Specialization: Architecture (City Planning)
- Robert David Spaulding**.....Cuyahoga Falls
B.A. (Muskingum College)
Field of Specialization: Architecture (City Planning)
- James Arnold Spencer**.....Jackson, Tenn.
B.S. (Union University)
Field of Specialization: Architecture (City Planning)
- Cyrus Addison Yoakam**.....Toledo
B.B.A. (University of Toledo) ; M.A.
Field of Specialization: Architecture (City Planning)

(Nine candidates)

Master of Education

- Frances May Womack**.....Westerville
B.A. (University of Denver)
Field of Specialization: Education
- Eleanor Ann Zimmerman**.....Huntington, W. Va.
B.A., M.A. (Marshall University)
Field of Specialization: Education

(Two candidates)

Master of Fine Arts

- Chiaki Charles Endo**.....Gardena, Calif.
B.A.
Field of Specialization: Fine Arts (Painting)

(One candidate)

Master of Medical Science

Charin Assanasen.....Bangkoknoi, Thailand
M.D. (University of Medical Sciences, Bangkok); M.P.H. and T.M.
(Tulane University)
Field of Specialization: Medicine

John Walter Chisholm.....Albuquerque, N. Mex.
B.S. (University of New Mexico); M.D. (University of Colorado)
Field of Specialization: Obstetrics and Gynecology

Douglas Owen Clark.....Toledo
B.A., M.D.
Field of Specialization: Obstetrics and Gynecology

George Robert Fitz II.....Canton
B.Sc., M.D., M.Sc.
Field of Specialization: Obstetrics and Gynecology

John Lewis Melvin.....Delaware
B.Sc., M.D.
Field of Specialization: Medicine

(Five candidates)

Master of Music

John Robert Samsel.....Toledo
B.Mus.
Field of Specialization: Music

(One candidate)

Master of Science

Herbert Abrams.....Philadelphia, Pa.
A.B., D.D.S. (Temple University)
Field of Specialization: Dentistry

Ann Marie Ackermann.....Glen Ellyn, Ill.
B.S. (Capital University)
Field of Specialization: Microbiology

Barbara Estel Anderson.....Columbus
B.Sc.
Field of Specialization: Zoology

John Janis Apinis.....Madison, Wis.
B.S. (University of Wisconsin)
Field of Specialization: Electrical Engineering

John Robert Aylsworth.....Shreve
B.Sc. in Agr.
Field of Specialization: Agricultural Education

William Francis Bailey.....Independence
B.S. (United States Military Academy)
Field of Specialization: Physics

- Giora Alexander Bendor.....New Rochelle, N. Y.
 B.E.E.
Field of Specialization: Electrical Engineering
- William Carter Bird.....Benton, Wis.
 B.S. (University of Dubuque); D.D.S. (Marquette University)
Field of Specialization: Dentistry
- John Earl Bittner.....Cleveland
 B.E.E.
Field of Specialization: Electrical Engineering
- James Curtis Blair.....Orrville
 A.B. (Asbury College)
Field of Specialization: Mathematics
- Dean Raymond Brown.....Schenectady, N. Y.
 B.S.E.E. (Rose Polytechnic Institute); M.S. (Rensselaer Polytechnic
 Institute)
Field of Specialization: Mathematics
- William Alvin Bruce.....Poughkeepsie, N. Y.
 B.S. (Saint Lawrence University)
Field of Specialization: Zoology and Entomology
- Benjamin Andrew Burrell.....New Britain, Conn.
 B.S. (College of the Holy Cross)
Field of Specialization: Mathematics
- William Cleaver Burson, Jr.....East Liverpool
 A.S.E. (University of Cincinnati)
Field of Specialization: Aeronautical and Astronautical Engineering
- Thomas Gilbert Byrne.....Cincinnati
 A.B. (Miami University); M.D. (University of Cincinnati)
Field of Specialization: Preventive Medicine
- Walter Knowlton Caldwell.....Columbus
 B.S.Aero.E. (Purdue University)
Field of Specialization: Industrial Engineering
- Ann Cali.....Fort Pierce, Fla.
 B.S. (University of Florida)
Field of Specialization: Zoology and Entomology
- John Gerald Campagna.....Wanaque, N. J.
 B.E.E. (Rensselaer Polytechnic Institute)
Field of Specialization: Electrical Engineering
- Judith Willene Cannon.....Dayton
 B.S. (Morehead State College, Kentucky)
Field of Specialization: Home Economics

- Vernon Lee Carter, Jr.....Wadley, Ala.
D. of Vet. Med. (Alabama Polytechnic Institute)
Field of Specialization: Pharmacology
- Harold Francis Chambers, Jr.....Kettering
A.S.E. (University of Cincinnati)
Field of Specialization: Aeronautical and Astronautical Engineering
- William Wei-Lien Chang.....Hsin-Chu, Formosa, China
B.M. (National Taiwan University)
Field of Specialization: Pathology
- Homer Ho Hua Cheng.....Hong Kong, China
M.D. (Kwong Wah Medical College)
Field of Specialization: Pathology
- Watson Lambert Chin.....Trelawny, Jamaica, West Indies
B.A. (Andrews University, Michigan)
Field of Specialization: Mathematics
- Jerry Lee Christensen.....Worthington
B.Sc. in Opt.
Field of Specialization: Optometry (Physiological Optics)
- Carol Provcic Cico.....Rockford
B.Sc.
Field of Specialization: Mathematics
- Richard Herbert Clinton.....Orange, Calif.
B.A. (Orange County State College)
Field of Specialization: Microbiology
- Stanley Robert Clowers.....Manhattan, Kans.
B.S. (Kansas State University)
Field of Specialization: Geology
- Harvey Elliot Cohen.....Erie, Pa.
B.S. (Case Institute of Technology)
Field of Specialization: Mathematics
- Richard Thomas Cohen.....Columbus
B.S. in Arch. (University of Cincinnati)
Field of Specialization: Civil Engineering
- Roger Ronald Craig.....Dayton
B.Aero.E. (Rensselaer Polytechnic Institute)
Field of Specialization: Aeronautical and Astronautical Engineering
- Kenneth Edward Crawford.....Latrobe, Pa.
B.S. (Pennsylvania State University)
Field of Specialization: Electrical Engineering

- Frederick Audun Creswick.....Columbus
 B.S. in Mech.Engr. (Wayne State University)
Field of Specialization: Mechanical Engineering
- Roger Bruce Culver.....Riverside, Calif.
 A.B. (University of California, Riverside)
Field of Specialization: Astronomy
- Frank Louis Damm.....Cleveland
 B.S. (University of Dayton)
Field of Specialization: Astronomy
- Joseph Lynn Davidson.....Danville
 A.B. (Miami University)
Field of Specialization: Entomology
- Richard Lee Day.....New Philadelphia
 B.A. (Ohio Wesleyan University)
Field of Specialization: Geodetic Science
- Robert Warren Downing.....Winston-Salem, N. C.
 B.S. in E.E. (University of North Carolina)
Field of Specialization: Electrical Engineering
- Charles Robert Dudgeon.....Mt. Vernon
 B.A. (Kenyon College)
Field of Specialization: Mathematics
- Francis William Duncan, Jr.....Columbus
 B.S.E. (University of Michigan)
Field of Specialization: Physics
- Donald Ray Edmonds.....Roselle, N. J.
 A.B., B.S. (Rutgers University)
Field of Specialization: Industrial Engineering
- *James Rood Eisenmann.....Garrettsville
Field of Specialization: Aeronautical and Astronautical Engineering
- Elinor Elizabeth Emery.....Prospect
 A.B. (Ohio Northern University)
Field of Specialization: Zoology
- Thomas William Evans, Jr.....Cuyahoga Falls
 D.D.S.
Field of Specialization: Anatomy
- Daniel Allen Falk.....New York, N. Y.
 B.A. (New York University)
Field of Specialization: Mathematics

- G. Diane Bowersock Farley.....Columbus
 B.S. (College of Mount Saint Joseph on the Ohio)
Field of Specialization: Home Economics
- William Lawrence Foley.....Dayton
 B.E.E. (Syracuse University)
Field of Specialization: Electrical Engineering
- Kenneth Edward Fowle.....Sepulveda, Calif.
 B.S. (California State Polytechnic College)
Field of Specialization: Animal Science
- Roy Kimble Frick.....Dayton
 B.S. (Clemson Agricultural College)
Field of Specialization: Industrial Engineering
- William George Frost.....Columbus
 B.S. (University of Wyoming)
Field of Specialization: Engineering Mechanics
- Robert Lee Goettemoeller.....Saint Henry
 B.Sc. in Agr.
Field of Specialization: Agronomy
- David Lee Grooms.....Galion
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Eberhard Paul Carl Haddad.....Scottsdale, Pa.
 B.S. (Fairleigh Dickinson University)
Field of Specialization: Electrical Engineering
- William Livingston Hale.....Columbus
 B.E.E.
Field of Specialization: Electrical Engineering
- Harold Timothy Haller.....Mendon
 B.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering
- Thomas Albert Hern.....Cincinnati
 A.B. (University of Cincinnati)
Field of Specialization: Mathematics
- Aden Dale Hiatt, Jr.....Palmer Lake, Colo.
 B.S. (University of Colorado)
Field of Specialization: Electrical Engineering
- Rudolph Danner Hoffman.....Utica, N. Y.
 B.S. in Chem.Engr. (Massachusetts Institute of Technology)
Field of Specialization: Chemical Engineering
- Carl Clifford Hughes.....Columbus
 B. of M.E. (Georgia Institute of Technology)
Field of Specialization: Mathematics

- Frank James Humenik.....Parma
 B.C.E.
Field of Specialization: Civil Engineering
- Ronald Edward Hunt.....Wood River, Ill.
 B.A. (Southern Illinois University)
Field of Specialization: Mathematics
- Gene Allan Isler.....Prospect
 B.Sc. in Agr.
Field of Specialization: Animal Science
- Karen Sue Israel.....Damascus
 B.S. (Mount Union College)
Field of Specialization: Pathology
- Mohan Lal Jain.....Jobner, India
 B.A. (Punjab University); B. Tech. (Indian Institute of Technology)
Field of Specialization: Agricultural Engineering
- John William James III.....Gahanna
 B.E.E. (University of Louisville, Kentucky)
Field of Specialization: Electrical Engineering
- Howell Conrad Jaynes.....Dayton
 B.S. (Carnegie Institute of Technology)
Field of Specialization: Electrical Engineering
- James Earl Jones.....Hampton, Va.
 B.S. (Virginia Polytechnic Institute)
Field of Specialization: Electrical Engineering
- Yoshiko Kanemura.....Naha, Okinawa
 B.Sc. (University of the Ryukyus)
Field of Specialization: Chemistry
- Robert John Karren.....Falls Church, Va.
 B.S. (Stanford University)
Field of Specialization: Geodetic Science
- Robert Lewis Kaufman.....Brooklyn, N. Y.
 A.B. (Brooklyn College)
Field of Specialization: Mathematics
- Patricia Reiser Kaye.....Akron
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Richard Stillman Keister.....Akron
 A.B. (Miami University)
Field of Specialization: Industrial Engineering
- Wendell Clarence Kitchin.....Mayfield, Mich.
 B.Sc. in Agr., D.D.S.
Field of Specialization: Dentistry

- Marc William Konvisser.....Shaker Heights
 A.B. (Rutgers University)
Field of Specialization: Mathematics
- Raymond Anthony Kopezyk.....Skokie, Ill.
 D.D.S. (Northwestern University)
Field of Specialization: Dentistry
- Charles Huston Krueger, Jr.....Dayton
 E.E. (University of Cincinnati)
Field of Specialization: Electrical Engineering
- Hu Kuan.....Hualien, China
 B.S. (National Taiwan University)
Field of Specialization: Civil Engineering
- Laurence Edward Kunes.....Geneva
 B.Sc.
Field of Specialization: Mathematics
- Amrit Lal.....Bikaner, India
 B.V.Sc. and A.H. (University of Rajasthan)
Field of Specialization: Animal Science
- Lloyd Robert Lawrence, Jr.....Hamilton, N. Y.
 B.S. (Colgate University)
Field of Specialization: Aeronautical and Astronautical Engineering
- Glenn Harris Lehrer.....Oxnard, Calif.
 B.S. (United States Military Academy)
Field of Specialization: Civil Engineering
- James Edward Leonard.....Van Wert
 B.Sc. in Agr.
Field of Specialization: Botany and Plant Pathology
- James Herbert Levi.....Dayton
 B.A. (Northwestern University)
Field of Specialization: Anatomy
- Randolph Scott Little.....Ithaca, N. Y.
 B.E.E. (Cornell University)
Field of Specialization: Electrical Engineering
- Douglas MacArthur Logan.....Hammondsville
 A.B. (Asbury College)
Field of Specialization: Microbiology
- Ronald Russell Loose.....Columbus
 B.A. (Wesleyan University, Connecticut)
Field of Specialization: Geodetic Science
- Eugene Joseph Lowe.....Uniondale, N. Y.
 B.S. (State University Teachers College, Oneonta, New York)
Field of Specialization: Mathematics

- David Shaw Lush.....St. Paris
 A.B. (Ohio University)
Field of Specialization: Mathematics
- John Ryan Lyons.....Spotswood, N. J.
 B.S. (Rutgers University)
Field of Specialization: Electrical Engineering
- *Paul Frederick Lyons II.....Canton
Field of Specialization: Aeronautical and Astronautical Engineering
- David George Mader.....Indianapolis, Ind.
 B.S. (Marion College)
Field of Specialization: Mathematics
- Ligaya Gonzales Magbanua.....Damaguete, Philippines
 B.S. (Chem.) (Silliman University)
Field of Specialization: Chemistry
- James Thomas Mann.....Clarksville, Tenn.
 B.A. (Vanderbilt University)
Field of Specialization: Mathematics
- Robert Fletcher Mathis.....Columbus
 B.Sc.
Field of Specialization: Mathematics
- Howard David Meeks.....Columbus
 B.S.Aer.E. (Iowa State University)
Field of Specialization: Mathematics
- Jeffrey Scott Mehring.....Shaker Heights
 B.Sc. in Agr.
Field of Specialization: Animal Science
- Robert Lee Mertens.....Cumberland, Md.
 B.S. (Carnegie Institute of Technology)
Field of Specialization: Mathematics
- Larry Allen Muir.....Cortland
 B.Sc. in Agr.
Field of Specialization: Dairy Science
- Maynard Glenn Muntzing.....Chillicothe
 B.S.Agr. (West Virginia University)
Field of Specialization: Agricultural Education
- Glen Arden Murphy.....Newcomerstown
 B.Sc. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology

* Two Degrees

- Leroy Murray.....Washington, D.C.
 B.A. in Chem., M.A. in Chem. (Fisk University)
Field of Specialization: Mathematics
- Stanton Hubert Musick.....Akron
 B.S.M.E. (Akron University)
Field of Specialization: Mathematics
- Tan Van Nguyen.....Saigon, Vietnam
 B.S. (Bowling Green State University)
Field of Specialization: Ceramic Engineering
- Hadyn Eugene Notestine.....Lewistown
 B.M.E.
Field of Specialization: Mechanical Engineering
- Roman William Olynyk.....Youngstown
 B.Sc. in Phys.
Field of Specialization: Physics
- Corrine Ellen Patterson.....Parma
 B.S. (Wheaton College)
Field of Specialization: Home Economics
- Edward Lawrence Pelton.....Lagrange
 B.E.E.
Field of Specialization: Electrical Engineering
- Kenneth Edgar Petersen.....Brooklyn, Ia.
 B.S.Ag.Ed. (Iowa State University)
Field of Specialization: Agricultural Education
- Carl Vincent Phillips.....Charleston, W. Va.
 B.Sc.
Field of Specialization: Physics
- John Joseph Piccoro, Jr.....Columbus
 B.Sc. in Phar.
Field of Specialization: Pharmacy
- Barbara Jean Piehl.....Sidney
 B.S. (Capital University)
Field of Specialization: Mathematics
- David Earl Pixley.....Highland
 B.S. (Ohio University)
Field of Specialization: Microbiology
- Douglas Harry Pletsch.....Clifford, Ont., Canada
 B.S.A. (Ontario Agricultural College)
Field of Specialization: Agricultural Education

- Arnold Merrill Plummer.....Columbus
 B.S. (Case Institute of Technology)
Field of Specialization: Nuclear Engineering
- Ruth Anne Prince.....Knightdale, N. C.
 B.A. (University of North Carolina)
Field of Specialization: Mathematics
- John Ratchford.....New Albany
 B.S. (Wittenberg University)
Field of Specialization: Electrical Engineering
- Donald Roger Redman.....Reynoldsburg
 B.Sc. in Agr., D.V.M.
Field of Specialization: Veterinary Preventive Medicine
- Carol McKechnie Reeves.....Toledo
 A.B. (Connecticut College)
Field of Specialization: Entomology
- Robert Lee Riegler.....Columbus
 B.E.E.
Field of Specialization: Electrical Engineering
- Richard Dean Robins.....North Manchester, Ind.
 B.A. (Manchester College)
Field of Specialization: Chemistry
- Edmund Joseph Rolinski.....Richmond Hill, N. Y.
 B.Ch.E. (City College, New York)
Field of Specialization: Chemical Engineering
- Lawrence Jay Rosenblum.....Little Neck, N.Y.
 A.B. (Queens College)
Field of Specialization: Mathematics
- Ronald John Roszkowski.....Clifton, N. J.
 B.S. in E.E. (Newark College of Engineering)
Field of Specialization: Electrical Engineering
- Joe Harvey Ruby.....Cosmopolis, Wash.
 B.S. (Chico State College)
Field of Specialization: Electrical Engineering
- Talia Abdul-Wahab Ruznamaji.....Baghdad, Iraq
Field of Specialization: Chemistry
- Roger McKelvey Ryan.....Pittsburgh, Pa.
 B.S. (United States Military Academy)
Field of Specialization: Geodetic Science
- Lorin George Sanford.....Pleasant City
 B.Sc. in Agr.
Field of Specialization: Animal Science

- Richard Gibbs Scholl.....Columbus
 A.B., D.M.D. (University of Alabama)
Field of Specialization: Dentistry
- Eldon Carl Schriener.....Attica
 B.Sc. in Agr.
Field of Specialization: Agricultural Economics (Rural Sociology)
- Donald Ray Shea.....Hibbs, Pa.
 B.S. (Pennsylvania State University)
Field of Specialization: Electrical Engineering
- Edward Charles Shinal.....Broomall, Pa.
 B.S. (Philadelphia College of Pharmacy and Science)
Field of Specialization: Pharmacy
- Kenneth Lewis Shooter.....Lore City
 B.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering
- James Richard Siefker.....Columbus Grove
 B.Sc. in Agr.
Field of Specialization: Animal Science
- Richard Douglas Slack.....Cardington
 B.S. (Bowling Green State University)
Field of Specialization: Zoology
- James Lee Smith.....Sciotoville
 B.S. (Ohio University)
Field of Specialization: Microbiology
- Kenneth Larry Smith.....Albuquerque, N. Mex.
 B.S. (New Mexico State University)
Field of Specialization: Dairy Science
- Paul Clay Smith.....Indianapolis, Ind.
 D.V.M. (Alabama Polytechnic Institute)
Field of Specialization: Microbiology
- John Sniedze.....New York, N. Y.
 B.S. (City College, New York)
Field of Specialization: Mathematics
- Carl Richard Soltesz.....Whitehall
 B.Sc.
Field of Specialization: Physics
- John Theodore Steinback.....Columbus
 B.S. in Ed. (Ohio University)
Field of Specialization: Botany and Plant Pathology
- Shirlee Ann Stokes.....Geneva
 B.Sc. in Nurs.
Field of Specialization: Nursing

- Karl Joseph Stout.....Shelby
 B.Sc.
Field of Specialization: Physics
- John Charles Tennie.....Johnson Creek, Wis.
 B.S.E.E. (University of Wisconsin)
Field of Specialization: Electrical Engineering
- *Arthur Howard Thompson.....Columbus
Field of Specialization: Physics
- John Stark Thompson.....East Berlin, Conn.
 B.S. (Muskingum College)
Field of Specialization: Physiological Chemistry
- Charles Francis Tomajczyk, Jr.....Grand Rapids, Mich.
 B.S. (United States Naval Academy)
Field of Specialization: Geodetic Science
- Walter C. Tripp.....Dayton
 B.S. (University of Dayton)
Field of Specialization: Physics
- Wilbert John Uhl, Jr.....Euclid
 A.B. (Miami University)
Field of Specialization: Physics
- Eugenia Sycip Uy.....Manila, Philippines
 B.S. (University of the Philippines)
Field of Specialization: Mathematics
- Lawrence Alan Walchli.....Fairborn
 B.S.M.E. (Case Institute of Technology)
Field of Specialization: Aeronautical and Astronautical Engineering
- Keith Gerald Walker.....Oklahoma City, Okla.
 B.S. (Bethany Nazarene College, Oklahoma)
Field of Specialization: Physics
- David Martin Weiss.....Forest Hills, N. Y.
 A.B. (Queens College)
Field of Specialization: Mathematics
- John Thomas Wilson.....Falls Church, Va.
 B.S. (Worcester Polytechnic Institute)
Field of Specialization: Civil Engineering
- Charles Richard Wolf.....Xenia
 B.A.; M.D. (Western Reserve University)
Field of Specialization: Preventive Medicine
- Duke Willard Wood.....Meadows of Dan, Va.
 B.S. (Appalachian State Teachers College, North Carolina)
Field of Specialization: Botany and Plant Pathology

* Two Degrees

James Hanchung Yang.....Hsin-Ying, Taiwan, China
B.Sc. in Engr. (Taiwan Provincial Chang Kung University)
Field of Specialization: Electrical Engineering

John Morgan Young.....Fargo, N. Dak.
B.S., D.D.S. (University of Minnesota)
Field of Specialization: Dentistry

(One hundred and fifty-seven candidates)

Master of Science in Public Administration

Andris Gundars Priede.....Worthington
B.A.
Field of Specialization: Political Science

(One candidate)

Master of Social Work

Lynn Barckley.....Easton, Pa.
B.A. (Millikin University)
Field of Specialization: Social Work

Gia Reve Bates.....Cincinnati
B.A. (Georgetown College, Kentucky)
Field of Specialization: Social Work

Matilda Talbert Bellucci.....Cincinnati
A.B. (Smith College)
Field of Specialization: Social Work

Sarah Jane Benson.....Akron
B.A.; M.A. (Cornell University)
Field of Specialization: Social Work

Pamela Knosp Berninger.....Cincinnati
A.B. (University of Cincinnati)
Field of Specialization: Social Work

Helen Gibson Blackstone.....Cincinnati
A.B. (University of Cincinnati)
Field of Specialization: Social Work

David Lee Blecke.....Woodville
B.A. (Capital University); B.D. (Evangelical Lutheran Theological
Seminary)
Field of Specialization: Social Work

Howard Bluth.....Cincinnati
A.B. (University of Cincinnati)
Field of Specialization: Social Work

Ruth Wilson Burgin.....Dayton
A.B. (Berea College)
Field of Specialization: Social Work

- Harold Ray Bussey.....Columbus
 A.B. (Wilmington College)
Field of Specialization: Social Work
- Gary Lee Cattell.....Lima
 B.Sc. in Agr.
Field of Specialization: Social Work
- Harriett Stovall Clark.....Columbus
 B.Sc. in Nurs.
Field of Specialization: Social Work
- Hal Bernard Cohen.....South Euclid
 B.Sc. in Soc. Wel.
Field of Specialization: Social Work
- Marybeth Knock Curtis.....Columbus
 B.A. (Muskingum College)
Field of Specialization: Social Work
- Frank Henry Dearden, Jr.....Dayton
 A.B. (Miami University)
Field of Specialization: Social Work
- William Francis Elder.....Cincinnati
 B.S. (Xavier University)
Field of Specialization: Social Work
- Dean Charles Engbrecht.....Columbus
 A.B. (Wartburg College); B.D. (Evangelical Lutheran Theological
 Seminary)
Field of Specialization: Social Work
- Marjorie Linda Gallin.....Cleveland
 B.Sc.
Field of Specialization: Social Work
- George F. Gilioli.....Cincinnati
 A.B. (Wilmington College)
Field of Specialization: Social Work
- Barbara Stauffer Gongaware.....Custar
 A.B. (Capital University)
Field of Specialization: Social Work
- Irma Belsky Grebel.....Flushing, N. Y.
 A.B. (Queens College)
Field of Specialization: Social Work
- Dora June Hastman.....Cuyahoga Falls
 B.S. (Kent State University)
Field of Specialization: Social Work
- Ruth McDonald Hayes.....Huntington, W. Va.
 B.A. (Marshall University)
Field of Specialization: Social Work

- James Allen Herbert.....Lorain
 B.S. (Alabama Agricultural and Mechanical College)
Field of Specialization: Social Work
- Ann Nadine Herr.....Galion
 B.Sc. in Soc. Wel.
Field of Specialization: Social Work
- Patricia Lydiard Hill.....Cincinnati
 B.A. (University of Oregon)
Field of Specialization: Social Work
- Kathy Joyce Howenstine.....Louisville
 B.A. (Otterbein College)
Field of Specialization: Social Work
- Hervey Hoffmann Inskip.....Columbus
 B.Sc.
Field of Specialization: Social Work
- Evangeline Henderson Joiner.....Cleveland
 B.Sc. in H.E.; M.A. (Columbia University)
Field of Specialization: Social Work
- Bonnie Patricia Kelley.....Springfield
 B.Sc. in Soc. Wel.
Field of Specialization: Social Work
- Victor Lee Libbe.....Genoa
 B.Sc. in Soc. Wel.
Field of Specialization: Social Work
- Sister Mary Patricia Maloney.....Columbus
 B.S. in S.S. (John Carroll University)
Field of Specialization: Social Work
- Thomas Charles Matthews.....Cuyahoga Falls
 B.A. (Ohio Wesleyan University)
Field of Specialization: Social Work
- Bernard James McClory.....Columbus
 A.B. (College of Saint Charles Borromeo); S.T.L. (Catholic University
 of America)
Field of Specialization: Social Work
- Nancy Beisner Mitchell.....Greenville
 B.A. (Ohio Wesleyan University)
Field of Specialization: Social Work
- Jai Bong Pak.....Seoul, Korea
 B.A. (Kent State University); M.A. (Michigan State University)
Field of Specialization: Social Work
- Clarence Payne, Jr.....Cincinnati
 B.A. (Union College)
Field of Specialization: Social Work

- Sara Westheimer Ransohoff**.....Cincinnati
 A.B. (Smith College)
Field of Specialization: Social Work
- Clifford Dale Reedy**.....Somerset, Ky.
 B.A. (Berea College)
Field of Specialization: Social Work
- Shirley Bowen Rhodes**.....Columbus
 A.B. (Central State College)
Field of Specialization: Social Work
- June Ellen Rose**.....Diamond
 B.A. (Youngstown University)
Field of Specialization: Social Work
- Warren Neal Samples, Sr.**.....South Charleston, W. Va.
 B.A. (Morris Harvey College)
Field of Specialization: Social Work
- Karen Orloff Stein**.....Cincinnati
 A.B. (Goucher College)
Field of Specialization: Social Work
- Wyatt Alva Stewart III**.....Memphis, Tenn.
 B.S. (Memphis State University)
Field of Specialization: Social Work
- Anna Malia Stott**.....Columbus
 B.S. (Marquette University)
Field of Specialization: Social Work
- Katherine Mengert Sullivan**.....Worthington
 B.Sc. in Soc.Wel.
Field of Specialization: Social Work
- Ann Loscocco Swillinger**.....Columbus
 B.Sc. in Edu.
Field of Specialization: Social Work
- Grace Elena Vittiglio**.....Port Washington, N. Y.
 B.A. (Molloy Catholic College for Women)
Field of Specialization: Social Work
- Sandra Lynn Wendt**.....Cuyahoga Falls
 B.Sc. in Soc.Wel.
Field of Specialization: Social Work
- Gerald Robert Wheeler**.....Columbus
 B.A. (Long Beach State College)
Field of Specialization: Social Work
- Barbara Knighton Williams**.....St. Albans, W. Va.
 B.S. in Edu. (West Virginia State College)
Field of Specialization: Social Work

(Fifty-one candidates)

Candidates for Two Degrees

- Neil Eugene Augenstein.....Fairborn
Bachelor of Science in Agriculture
Doctor of Veterinary Medicine
- MarSue Benedict.....Akron
Bachelor of Arts
Bachelor of Science in Education
- Robert Lynn Benner.....Mt. Cory
Bachelor of Science in Agriculture
Doctor of Veterinary Medicine (cum laude)
- David Samuel Brandt.....Columbus
Bachelor of Arts (cum laude)
Doctor of Medicine (cum laude)
- Clovis Ivan Butterworth.....Columbus
Bachelor of Arts
Bachelor of Science in Education
- Jerry Coleman Doss.....Columbus
Bachelor of Arts
Doctor of Medicine
- James Rood Eisenmann.....Garrettsville
Master of Science
Bachelor of Aeronautical and Astronautical Engineering (summa cum laude)
- Donald Jay Hessler.....Columbus
Bachelor of Arts
Bachelor of Science in Education
- Glen Frederick Hoffsis.....Bucyrus
Bachelor of Science in Agriculture
Doctor of Veterinary Medicine (cum laude)
- Isobel Jean Inglis.....Columbus
Bachelor of Arts
Bachelor of Science in Education
- Barbara Lynne Joseph.....Dayton
Bachelor of Arts
Bachelor of Science in Education
- John Alfred Knudson.....Lorain
Bachelor of Arts
Doctor of Medicine
- Paul Frederick Lyons II.....Canton
Master of Science
Bachelor of Aeronautical and Astronautical Engineering
- Thomas Anthony Melvin, Jr.....Columbus
Bachelor of Arts
Doctor of Dental Surgery
- Kerry Jackson Reed.....Princeton, W. Va.
Bachelor of Arts
Bachelor of Science in Education

- Robert Willison Ritchey.....Dennison
 Bachelor of Science in Agriculture
 Doctor of Veterinary Medicine
- Ruediger Siegfried Schroeer.....Enon
 Bachelor of Arts
 Bachelor of Science in Education
- Charles Richard Scott.....Plain City
 Bachelor of Science in Agriculture
 Doctor of Veterinary Medicine
- Florence Elizabeth Snyder.....Columbus
 Bachelor of Arts
 Bachelor of Science in Education
- William Duncan Swartz.....Ashland
 Bachelor of Science in Agriculture
 Doctor of Veterinary Medicine
- Jane Wolkin Tapper.....Hamilton
 Bachelor of Arts
 Bachelor of Science in Education
- Andrea Marie Theibert.....Columbus
 Bachelor of Arts
 Bachelor of Science in Education
- Arthur Howard Thompson.....Columbus
 Master of Science
 Bachelor of Science in Physics
- Jerrie Lynn Thornell.....Portage, Mich.
 Bachelor of Arts
 Bachelor of Science in Education
- Todd Carter Warmington.....Akron
 Bachelor of Arts
 Bachelor of Fine Arts
- Judith Elizabeth Warshaw.....Kingston, N. Y.
 Bachelor of Arts
 Bachelor of Science in Education
- Marilyn Elizabeth White.....Poland
 Bachelor of Arts (cum laude)
 Bachelor of Science in Education (cum laude)

(Twenty-seven candidates)

Candidates for A Degree and A Certificate

- Rita Lynn Asmus.....Columbus
 Bachelor of Arts
 Certificate of Graduate Dental Hygienist
- Donna Marie Beck.....Chillicothe
 Bachelor of Arts
 Certificate of Graduate Dental Hygienist

- Helga Ingrid Berthold**.....Cleveland
 Bachelor of Arts
 Certificate of Graduate Dental Hygienist
- Valerie Janz Forster**.....Columbus
 Bachelor of Arts
 Certificate of Graduate Dental Hygienist
- Barbara Sue Gumm**.....Kettering
 Bachelor of Arts
 Certificate of Graduate Dental Hygienist
- Pamela Jeanne Hauck**.....Worthington
 Bachelor of Arts
 Certificate of Graduate Dental Hygienist
- Pamela Jane Henry**.....Kettering
 Bachelor of Arts
 Certificate of Graduate Dental Hygienist
- Renee Jameson**.....Columbus
 Bachelor of Arts
 Certificate of Graduate Dental Hygienist
- Patricia Ann Kobilarcik**.....Wooster
 Bachelor of Arts
 Certificate of Graduate Dental Hygienist
- Mary Caroline Lowery**.....Columbus
 Bachelor of Arts
 Certificate of Graduate Dental Hygienist
- Michelle Anne Martin**.....Cleveland
 Bachelor of Arts
 Certificate of Graduate Dental Hygienist
- Judy Carol Oxman**.....Mansfield
 Bachelor of Arts
 Certificate of Graduate Dental Hygienist
- Wilma Virginia Smallsreed**.....Newton Falls
 Bachelor of Arts
 Certificate of Graduate Dental Hygienist
- Maxene Jane Sneeringer**.....Mansfield
 Bachelor of Arts
 Certificate of Graduate Dental Hygienist
- Frenna Christian Sockman**.....New Cumberland, Pa.
 Bachelor of Arts
 Certificate of Graduate Dental Hygienist
- Sally Diane Turner**.....Columbus
 Bachelor of Arts
 Certificate of Graduate Dental Hygienist

(Sixteen candidates)

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agricultural Biochemistry

William Leon Richards..... Jackson

(One candidate)

Bachelor of Science in Agriculture

Thomas Charles Ackerman..... Columbus

Carole Ruth Anthony..... Columbus

* Neil Eugene Augenstein..... Fairborn

Richard Edwin Augspurger..... Leonardsburg

Edward Allen Bacome..... Harrod

Kenneth Earl Badertscher..... Ada

Paul David Badger..... West Salem

Charles Anthony Barans..... Columbus

Larry Brent Barnett..... Columbus

James Marc Barnhart..... Springfield

John William Bastian..... Tiffin

Lawrence Wilbern Bauer..... Lucasville

Marcus James Beher..... Columbus

* Robert Lynn Benner..... Mt. Cory

Fredrick Eugene Bergman..... New Carlisle

James Otto Blauser..... Carroll

Arthur Martin Bonar..... Vandalia

Gerald Melvin Bowers..... Canal Winchester

Walter Ronald Butler..... Vienna

John Stanley Cline..... Navarre

Donald Edward Cobaugh..... New Carlisle

Evert Wayne Denney..... Powell

James Lyle Derickson..... Columbus

Paul Florent D'huyvetter..... Sunbury

William Henry Diley, Jr..... Canal Winchester

Michael Edward Dillon, Sr..... Westerville

Michael Albert Dirr..... Cincinnati

Richard Clyde Doyle..... Salem

George Ellis Durban..... Galloway

Donald Lawrence Eby..... Lodi

Robert William Ellinger..... Logan

Richard Allen Elliott..... Galloway

Michael Gilbert Fairley..... Leesburg

JoAnne Thomson Frank..... Port Washington, N. Y.

Arthur Maris Franke..... St. Paris

Paul Eugene Freeman..... Galena

Richard Lawrence Freitag..... Cleveland

David Kenneth Gerber..... Smithville

Raymond Lowell Glaze..... Croton

Roger Lyle Goodman..... Upper Sandusky

Joseph George Halusky..... Youngstown, Pa.

Robert Michael Harasick..... Steubenville

Monroe Eugene Harbage..... Plain City

Donald Gene Heldman..... Findlay

* Two degrees

Frederick Wells Hendricks.....	Bowling Green
Thomas Michael Henson.....	Mansfield
Harold Michael Hill.....	St. Paris
Ray William Hite.....	Port William
Paul Kenneth Hofer.....	Homeworth
* Glen Frederick Hoffsis.....	Bucyrus
Carl Frederick Horn.....	Delaware
William Dee Imes.....	Delta
Richard Earl Jones.....	Loudonville
James Anthony Joy.....	Toledo
John Michael Kimble.....	Vestal, N. Y.
Kenneth Edward Kohls.....	Hamilton
Judith Ann Kuehnle.....	Bucyrus
Theodore Joseph Kuntz.....	Covington
Harold Waller Lecy.....	Cleveland
Timothy King Liffiton.....	Lakewood
Jay Richard Logan.....	Farmdale
John Mark Longenecker.....	Arcanum
Larry Herman Lutz.....	Louisville
Edward Mathew Maleski.....	Tippecanoe
Robert Neil Marrison.....	Jefferson
Larry Joe Martin.....	Hebron
Harry Edward Mason.....	Cambridge
Ernest Dean Massie.....	Wooster
James Leslie Maxwell.....	Cardington
Lynn Douglas McCann.....	Centerburg
Jackie Dean McCoy.....	Fleming
Gary Wayne Michael.....	Sidney
Raymond Allen Miller.....	Ostrander
Robert Lee Mistak.....	Lockwood
Augustine Uzo Mokwunye (with Distinction in Agronomy) ..	Asaba, Nigeria
Dan Emery Moore (summa cum laude and with Distinction in Rural Sociology)	London
Eric Lee Morehead.....	Greenfield
James Henry Morgret.....	Chardon
David Ernest Murphy.....	Groveport
Keven Charles Neff.....	Valley City
Gary Lee Newhouse.....	Ostrander
Donald Adolph Nickels.....	Milan
Gudmundur Paul Olafsson.....	Reykjavik, Iceland
Curtis Lane Osswald.....	Lewisburg
Kenneth Jerome Oster.....	Avon Lake
Larry Dale Payn.....	Lodi
Joyce Ann Payne (cum laude).....	Coshocton
Richard Wayne Pees.....	Dunkirk
Stanley Virgil Prenger.....	Minster
Leroy William Reed.....	Dexter City
Daniel David Reese.....	Oak Hill
Urban Florian Reinhart.....	Alvada
Wayne Allen Rickenbacher.....	Forest
Donald Oscar Rieman.....	Leipsic
* Robert Willison Ritchey.....	Dennison
Leo Simon Roth.....	Portsmouth
Paul Martin Sater.....	Rockbridge

* Two degrees

Lawrence Herbert Schmidt (cum laude and with Distinction in Horticulture)	Swanton
Leonard Eugene Schumann.....	Wapakoneta
*Charles Richard Scott.....	Plain City
Joseph Amos Seeley.....	Mt. Sterling
Warren Roger Seitz.....	Cleveland Heights
James Edgar Sheaffer.....	Harpster
John Kenneth Shuman.....	Springfield
Lewis LeRoy Simpson.....	London
David John Sitzenstock.....	Maumee
William Lloyd Smith.....	Lima
Thomas Charles Sommer.....	Minster
John Lewis Steva.....	St. Marys
Thomas Rymell Streiff III.....	Dayton
Virgil Eugene Studebaker.....	New Carlisle
*William Duncan Swartz.....	Ashland
Duane Carl Thomas.....	Wilmington
Mary Martha Toothman.....	Ironton
William Paul Tracy.....	Canfield
Robert Dennis Ulrey.....	Centerburg
William Gerald Vance.....	Orient
Jesse Elmer Van Fossen.....	Centerburg
Roger Allen Wadsworth (cum laude and with Distinction in Animal Science)	Glendale, Ariz.
Dennis Lee Waldman.....	Wapakoneta
Waldo Ellis Walker.....	Plain City
Tommy Lynn Zimmerman.....	Spencerville

(One hundred and twenty-two candidates)

Bachelor of Science in Dairy Technology

Roger Benjamin Saurer.....Rittman

(One candidate)

Bachelor of Science in Food Technology

William Morton Hildebolt.....Eaton

(One candidate)

School of Home Economics

Bachelor of Science in Home Economics

Patricia Maureen Bailey.....	Xenia
Karen Ann Beaver.....	Cambridge
Virginia Sue Beavers.....	Orient
Carol Craig Bixler.....	Wapakoneta
Anne Cunningham Brown.....	Piketon
Dawn Marie Buckosh.....	Vermillion
Barbara Ellen Burk.....	University Heights
Margaret Kropf Burkey.....	Canton
Diane Cheryl Clark (cum laude).....	Southington
Charyl Noakes Coffey.....	Columbus
Sarah Alice Collins.....	Kent

* Two degrees

Cheryl Ann Czika.....Cleveland
 Maureen Molloy Darling.....Worthington
 Janice Allene Dillion.....Plain City
 Carolyn Hoffer DiRuscio.....North Canton
 Pamela Heitger Doerr.....Columbus
 Mary Jo Dorsey.....Newcomerstown
 Judith Anne Eisenman.....Columbus
 Henrietta Lois Felter.....Goshen
 Cheryl Fitzsimmons Fenstermaker.....Columbus
 Catharine Jane Flint.....Cincinnati
 Kathleen Ford.....Lima
 Kathie Kronberg Gibson.....Columbus
 Mary Melinda Hildreth.....Bellville
 Karen Alexis Hill.....Westfield, N. J.
 Peggy Jeanne Hodge.....Wooster
 Diane Kather.....Murray Hill, N. J.
 Ruth Myers Lantz.....Shelby
 Ruth Smith Laubinger.....Woodsfield
 Joanne Craft Lawrence.....Columbus
 Elizabeth Lytle Lyons.....Akron
 Sharon Gilbert Maxwell.....Fredericktown
 Sarah Jane McConnell.....Worthington
 Karen Sue McInturf.....Athens
 Sarah Nadine McKinley.....Lakeview
 Marilyn Jean McLure.....New Castle, Pa.
 Gwen Ann McPeek.....Worthington
 Gretchen Mossman Meske.....Gallipolis
 Bonnie Lou Michel.....Lakewood
 Nancy Ellen Middleton.....Jackson
 Mary Norris Miller.....Plain City
 Carolyn Maria Mills (cum laude).....Doylestown
 Bonnie Kay Mirsch.....Cleveland
 Mary Lynn Moody.....Cuyahoga Falls
 Barbara Ann Parsons.....Cuyahoga Falls
 Lucinda Claire Peck.....Niagara Falls, N. Y.
 Janice Claire Piccin.....Dillonvale
 Gail Corrine Poth.....Perrysville
 Judith Ann Reed.....Lincoln, Nebr.
 Sandra Lynne Rudolph.....Geneva
 Sally Lynn Shiland.....Columbus
 Caroline Joyce Shondel.....Clinton
 Ruth Ann Sours.....Bucyrus
 Charlotte Darlene Stall.....Vandalia
 Joy Ann Sultzbach.....Springfield
 Karen Irene Tibbles.....Sabina
 Marlene Ann Wasko.....Adena
 Judith Ann Williams.....Columbus
 Sue Louise Wilson (cum laude).....West Liberty
 Ann Kathleen Young.....Columbus

(Sixty candidates)

College of Arts and Sciences

Dean: J. Osborn Fuller

Bachelor of Arts

Gary Colburn Acker.....	Rocky River
Margaret Kees Acker.....	Akron
David Paul Albrecht.....	Columbus
Dwight Lowell Allen (with Distinction in History).....	Columbus
William Earl Allen.....	Mansfield
Terry Wayne Allison.....	Canton
Linda Joy Amber.....	University Heights
Arthur Arould Ames.....	Dayton
Richard Joseph Anderson.....	Medina
Theodore James Angus (cum laude).....	Findlay
Robert Charles Apple.....	Dayton
Robert Charles Archer.....	Columbus
Samuel Edward Arthur.....	Binghamton, N. Y.
† Rita Lynn Asmus.....	Columbus
Nelson Milfred Atwell.....	Kirkersville
Sharon Anne Austin.....	Columbus
Cheryl Ann Bailey.....	Massillon
Mary Katherine Baker.....	Murrysville, Pa.
Bruce Curtis Barry.....	Cincinnati
Jacqueline Sue Bates.....	Cleveland
William Dixon Bazler.....	Columbus
Susan Angela Beauvais.....	Grosse Pointe, Mich.
† Donna Marie Beck.....	Chillicothe
Philip Barry Becker.....	Dayton
Courtney Ann Behm.....	Corning, N. Y.
Mary Kate Rourke Belichick.....	Stratford, Conn.
* MarSue Benedict.....	Akron
Robert David Bergman.....	University Heights
Lawrence Alan Berlin.....	Columbus
† Helga Ingrid Berthold.....	Cleveland
Ronald Eugene Betz.....	New London
Ronald J. Bieber.....	Shaker Heights
Beverly Anne Bingle.....	Fremont
Robin Ann Bishop.....	Columbus
Dianne Maureen Dahlberg Blinn.....	Beloit, Wis.
Allen Irwin Bloomberg.....	Youngstown
John Jennings Boggs.....	Wooster
Peter Anderson Bond.....	Don Mills, Ont., Canada
John Rutherford Booth.....	Dayton
Raymond Frank Bourhis.....	North Bergen, N. J.
Carl Thomas Bowen.....	Akron
George Richard Braen.....	Mansfield
*David Samuel Brandt (cum laude).....	Columbus
James Michael Brewer.....	Columbus
Sylvia Sue Brooks.....	Fairborn
Imogene May Brown (cum laude).....	Westerville
Thomas Joseph Brown.....	Fairfield
Kathy Brun.....	Columbus

* Two degrees

† Degree and certificate

Marvin Douglas Bullock.....Cleveland
 Donna Leigh Burdge.....Englewood
 Frank Ansel Burgess.....Dayton
 Albert Michael Burkey.....Columbus
 Alan Neil Butterbaugh.....Amanda
 *Clovis Ivan Butterworth.....Columbus
 Frederic Lewis Carpenter.....Waynesville
 David Howard Channell.....Cincinnati
 Judith Lynne Clark.....Kettering
 Robert Douglas Clark.....Columbus
 Charles Amstard Clarke.....Monrovia, Liberia
 Albert Leroy Cluff.....Marion
 Toby Irene Cohen (cum laude).....Columbus
 John Kenneth Colgrove.....Painesville
 Gregory Bruce Collins (cum laude).....Akron
 Mary Susan Conn.....Bound Brook, N. J.
 Robert Cooper.....Cleveland
 Charles Preston Crabill, Jr.....Springfield
 Roger Weldon Cramer (cum laude and with Distinction in
 Philosophy).....Mansfield
 Stanley Joseph Crognaie, Jr.....Columbus
 Michael Brian Cull.....Columbus
 Frederick Paul Cunningham.....Columbus
 Anita Beth Cutler.....Pittsfield, Mass.
 Richard Gary D'Angelo.....Columbus
 Richard Marlin Davis.....Galloway
 Walter Spurgeon Davis.....Tuskegee, Ala.
 Michael Edward Deegan.....Amsterdam, N. Y.
 Judy Karen Denney.....Dayton
 Jean Florence Donahower.....Shaker Heights
 Jane Elizabeth Donley.....Cleveland
 *Jerry Coleman Doss.....Columbus
 Jennifer Ault Drake.....Memphis, Tenn.
 Alice Jane Dudley.....West Long Branch, N. J.
 Marianne Eaton (cum laude and with Distinction in History).....Columbus
 Frances Edse.....Worthington
 Joel Andrew Elin.....Brooklyn, N. Y.
 Richard Gordon Ellis.....Town and Country, Mo.
 Joel Gary Engelman.....Columbus
 Harold Andrew Engle.....Yonkers, N. Y.
 Donna Mae Erickson (cum laude).....Columbus
 John Robert Ettenhofer.....Hamilton
 David Brooks Evans.....Columbus
 Danny Burdett Fahrney.....Medway
 Dianne Elaine Farison.....Cincinnati
 Sharey Lee Feins.....Union, N. J.
 Dorothy Jean Fenko.....Parma
 Peter Gert Finke.....Columbus
 Sue Johnson Finley.....Columbus
 Theodore Goth Fisher.....Columbus
 Elizabeth Flanagan.....Washington, D. C.
 Judith Ann Fodor.....Cleveland
 Janice Lee Foos.....Marion
 Gary LeVaunt Ford.....Steubenville
 †Valerie Janz Forster.....Columbus

* Two degrees

Norman Elliott Fox.....Dayton
 Ruth Amelia Fox (summa cum laude).....Oakland, Md.
 George Victor Freimann.....Cleveland
 Suzanne Kristine Frey.....Eugene, Ore.
 Victor Leroy Frost.....Findlay
 Thomas Richard Frutig.....Sandusky
 Ira Gaffin.....Columbus
 James Gibson Gamble, B.Sc.....Akron
 Lucy Elizabeth Gangloff.....Cincinnati
 Elise Bernadette Garner.....Pittsburgh, Pa.
 Gary Kenneth Gartin.....Columbus
 Joseph John Gasper.....Steubenville
 Anne Marie Gentilini.....Columbus
 Margaret Jeanne Georges.....Akron
 Warren William Giles.....Camp Hill, Pa.
 Suzanne Elizabeth Gillette.....West Portsmouth
 Kenneth Ross Gilman.....University Heights
 Dana Arthur Gire.....Columbus
 George Glavinovs, Jr.....Cleveland
 Robert Warren Glover.....Lakewood
 Randy James Gorcz.....Cleveland
 Karyn Siekierski Graybill.....Maple Heights
 James Russell Gregory.....Ashtabula
 Catherine Bennett Grogan.....Columbus
 Pamela Jill Grossman.....Miami Beach, Fla.
 Rolf Bernard Gruen.....Elyria
 † Barbara Sue Gumm.....Kettering
 James Mack Guthrie.....Ashland
 Richard Lent Guyton.....Lima
 Cheryl Kay Hachman.....Norwood
 Sharon Clare Haley.....Clifton, N. J.
 Harry Josiah Halliday.....Powell
 Barney Thompson Hamlin.....Oberlin
 Judith Ann Hanna (cum laude).....Columbus
 Robert Paul Harper.....Grand Island, N. Y.
 Barbara Gene Harris.....Shaker Heights
 Gary Lynn Harris.....Mansfield
 Brooks Loring Harrop.....Lockwood
 George Eric Harwin.....Canton
 † Pamela Jeanne Hauck.....Worthington
 Richard Lee Haycraft.....Gallipolis
 Elaine Alyce Hayden.....New Lexington
 Robert Kay Heath.....Akron
 Bette-Jo Hebert.....Mansfield
 Robert Skiles Henderson.....Wapakoneta
 † Pamela Jane Henry.....Kettering
 Ronald Hersh.....Akron
 * Donald Jay Hessler.....Columbus
 Michael Warren Hicks.....Columbus
 Robert Louis Hiett (cum laude).....Delphos
 Andy Joe Higgins.....Spencer
 Robert Geoffrey Hoerger (cum laude).....Dundee
 William Bennett Holley.....Canal Winchester
 Robert William Holmstrom (cum laude).....Cleveland

* Two degrees

† Degree and certificate

Thomas Clyde Hone (cum laude and with Distinction in Political Science)	Salem
Wayne James Horvath	Cuyahoga Falls
Linda Mae Hunt	Stow
Lynne Ellen Hunt (summa cum laude)	Wintersville
James Edgar Huprich	Baltic
*Isobel Jean Inglis	Columbus
Richard Lee Innis	Columbus
† Renee Jameson	Columbus
Daniel Jerman	Coshocton
Marshall Eugene Johnson	Urbancrest
Nancy Ann Jones	Dayton
William Edwin Jones	Columbus
Charlene Mae Jordan	Columbus
William Edward Jordan	Columbus
*Barbara Lynne Joseph	Dayton
William Thomas Joyce	Cleveland
James Ross Jump	Willard
Michael Jeffery Kander	Dayton
Edward Alan Kaplan	Cleveland Heights
Jason Roman Kappanadze	Cleveland
Raymond Edward Karlsberger	Worthington
Michael Dennis Kelly	Columbus
Roger Edwin Kephart	Painesville
Eugene Kerry	Parma
Jon Thomas Keyser	Westerville
Royal Pearson Kiehl	Strongsville
David Allen Kiley	Medina
Alan Michael Kimmel	Dayton
Keith Judson Kistler	Lancaster
Gerry Ross Kline	Columbus
Harold David Knepshied, Jr.	West Middletown
Suzanne Louise Knott	Columbus
* John Alfred Knudson	Lorain
† Patricia Ann Kobilarcik	Wooster
Karen Helen Kobrick	Belle Harbor, N. Y.
Richard Elston Koehler	Waldwick, N. J.
Kenneth Emil Kotch	Lakewood
Joseph Daniel Kramer	Columbus
Bonnie Kraus	Cincinnati
Michael Alexander Kraus	Cincinnati
Peter Fredrick Laird	Ashtabula
Stanley Earl Lane	South Euclid
Laurel Lynne Lange	Kenton
Alan Jerry Lashley	Powell
Sheryl Moore Lawrence	Columbus
Walter Marion Lawson III	Lima
Herrick Fairchild Laylin	Columbus
Gary Paul Leach	Columbus
Regis Robert Lee	Warrensville Heights
John Edward Legros	Mt. Vernon
Robert Joseph Lenzo	Cambridge
Alan Jeffrey Levine	Shaker Heights
Lars Sture Lindenhall	Galion
John William Logue	Conneaut
Sherrie Ann Lookner	West Newton, Mass.

* Two degrees

† Degree and certificate

Daniel Joseph Loveland.....Columbus
 † Mary Caroline Lowery.....Columbus
 Ina Garliner Lowy.....Buffalo, N. Y.
 Gary Wayne Lunter.....Worthington
 Howard Robert Maier.....Cleveland
 William Emil Malinovsky.....Columbus
 Jeanne Marie Mallett (cum laude and with Distinction in Political
 Science) Bay Village
 Margaret Sue Martin.....St. Clairsville
 † Michelle Anne Martin.....Cleveland
 Melva Jean Martineau.....Dayton
 John William Matthews.....Gallipolis
 William Edmund Matz.....Chillicothe
 Robert Alan McBride.....Worthington
 Thomas Stephen McCool.....Columbus
 William Samuel McCready.....Toledo
 Carol Newell McIlwain.....Cincinnati
 Gene Howard McKenna.....Akron
 Katy Jo McMannamy.....Lima
 James Andrew McQuade.....South Natick, Mass.
 Constance Anderson Meeks.....Columbus
 Kathleen Maria Melvin.....Columbus
 * Thomas Anthony Melvin, Jr.....Columbus
 Edward Lee Meosky.....Dayton
 Keith David Miller (cum laude).....Tipp City
 Laurence Lynn Miller.....Findlay
 Mark Alan Miller.....Kilbourne
 Thomas Roger Miller (cum laude).....Eaton
 Lizbeth Ann Mohler.....Scotch Plains, N. J.
 Robert Harlon Moone.....Columbus
 Margaret Lois Morrell.....Ney
 Robert Hammond Morton.....Columbus
 David Gregory Musgrove.....Warren
 Kenneth Lance Naversen.....Dayton
 Charles Robert Naylor.....Florissant, Mo.
 Alfred Ragan Neil.....Columbus
 Nancy Lee Newman.....Willoughby
 Clifford Avon Noe.....Toledo
 Richard Patrick Norris.....Lyndhurst
 Edmond Felix Notebaert.....Columbus
 Mary Lee Nye.....Wooster
 Joseph Patrick O'Brien.....Columbus
 Michael Andrew Ochs.....Cleveland Heights
 Helen Mary O'Donnell.....Columbus
 George Edgar Omen, Jr.....Columbus
 Jeffrey Robert Orenstein.....Cleveland Heights
 Michael Woodrow Owen.....Columbus
 Alice Ann Owens.....Troy
 † Judy Carol Oxman.....Mansfield
 James Rudolph Ozol.....Columbus
 Jeffrey Allan Paine.....Columbus
 Beverly Belfer Parmer.....Cleveland
 Margaret Martin Passon.....Springfield
 Lynn Davis Patterson (cum laude).....Dayton

* Two degrees
 † Degree and certificate

David Kenneth Perlman.....	Brooklyn, N. Y.
Thornton Arthur Perry.....	Lima
Martha Luella Phelps.....	Columbus
Wolfgang Pindur.....	Marion
Dirinda Kay Pollard.....	Grove City
Richard Howard Prigozen.....	Dayton
Edythe Jane Prisk.....	Westerville
William Floyd Ratliff.....	Columbus
James Lee Ray (cum laude).....	Pettisville
*Kerry Jackson Reed.....	Princeton, W. Va.
Erich Siegfried Reichenbach.....	Cleveland
Roberta Anne Richmond.....	Auburndale, Mass.
Thomas Joseph Riley.....	Columbus
Eileen Mary Roach.....	Cincinnati
John Theodore Robich.....	Louisville, Ky.
Jone Marlee Rogers (cum laude).....	Mansfield
Nicholas Anthony Romeo.....	Campbell
Kenneth Charles Rose.....	Cleveland
William Arthur Rottmayer (cum laude).....	Akron
Phillip John Routh.....	Sandusky
Theodore Royce.....	Lakewood
Sharen Nancy Rozen.....	Akron
Uldis Janis Sakss.....	East Cleveland
John Michael Salimbene.....	Columbus
Philip Carl Sammet.....	Columbus
Nadine Kay Santo.....	Warren
Anne Marie Scanlan.....	Columbus
Steven William Schachter.....	Columbus
Mary Alice Scherer.....	Columbus
Sandra Kay Schoenike.....	Racine, Wis.
* Ruediger Siegfried Schroeer.....	Enon
Roger Dean Schwenke.....	Logan
Russell Geren Seybold.....	Washington, D.C.
Robert Michael Sheahan.....	Cleveland
Thomas Sheehan.....	Columbus
Elizabeth Jean Shiah.....	Manhasset, N. Y.
Benjamin Bell Shriver.....	Mingo Junction
David Howard Shumaker.....	Amherst
Leslie Ann Silvers.....	Baltimore, Md.
Toomas Simson.....	Seabrook, N. J.
Aileen Carole Singer.....	South Euclid
† Wilma Virginia Smallsreed.....	Newton Falls
John Phillip Smith.....	Columbus
Martha Jane Smith.....	Columbus
David Kirby Smucker.....	Cuyahoga Falls
† Maxene Jane Sneeringer.....	Mansfield
* Florence Elizabeth Snyder.....	Columbus
† Frenna Christian Sockman.....	New Cumberland, Pa.
Peter Sodja.....	Cleveland
Tamara Solway.....	Cincinnati
Dale Warren Sommer.....	Cleveland
Carl John Spaide.....	Ashland
Douglas Richard Spence.....	Lorain
Gail Irene Splaver.....	Arcadia, Calif.
Douglas Reinhold Stauffer.....	Rocky River

* Two Degrees

† Degree and certificate

Geoffrey Pace Steele.....Columbus
 David Brian Stires.....Canton
 Richard Stephan Stoddard.....Valencia, Venezuela
 Wolf Dieter Storl.....Spencer
 Peter Strauss.....Cleveland
 Coleen Celesta Strickler.....Pennsboro, W. Va.
 Frank Peter Strozyk.....Cleveland
 Nancy Palmer Stump.....Worthington
 Peter George Stungys, B.Sc.....East Cleveland
 Robert Marshall Stutz.....Dayton
 James Frederick Sunbury.....Columbus
 Leonora Gertrude Poe Sutton (cum laude).....Columbus
 David Morton Tabakow.....Cincinnati
 *Jane Wolkin Tapper.....Hamilton
 Richard Gary Tarnoff.....Winnetka, Ill.
 Stuart Barden Tennant.....Worthington
 *Andrea Marie Theibert.....Columbus
 James Joseph Theis.....New Riegel
 *Jerrie Lynn Thornell.....Portage, Mich.
 David Thomas Timm.....Kettering
 Rosemary Lisa Tozzi.....Waynesburg
 Anne Carolyn Trousdale.....Lancaster
 Pamela Sue Trowbridge.....Newark
 † Sally Diane Turner.....Columbus
 Franklin Pass Tyson, Jr.....King of Prussia, Pa.
 John Herbert Tyson.....Columbus
 Gregory Frank Van Gundy (cum laude).....Bryan
 Larry Edward Vaughan.....Columbus
 Felix Vega.....Bayamon, Puerto Rico
 Suzanne Verdone.....Columbus
 Harold Lloyd Voss.....Columbus
 Robert Frederick Voss (cum laude).....DeGraff
 Ronald Douglas Wagner.....Willoughby
 Daniel Steven Waldsmith.....Sidney
 Raymond Clifford Walker III.....Columbus
 Robert Edward Walker.....Fairborn
 Earl Eugene Ward.....Springfield
 Lawrence E. Wardwell, Jr.....Lorain
 * Todd Carter Warmington.....Akron
 * Judith Elizabeth Warshaw.....Kingston, N. Y.
 Jack Meredith Weller.....Mt. Gilead
 Gary Adams Wheeler.....Sparta, N. J.
 Philip Warren Whitaker.....Columbus
 Arnold Sheldon White.....Columbus
 Doris Shackleton White.....Edgartown, Mass.
 *Marilyn Elizabeth White (cum laude).....Poland
 Cintra Blum Whitehead.....Waynesfield
 Larry Leith Wickliff.....Grove City
 Harold Fredrick Williams.....Toledo
 Richard Ervin Williams.....Lancaster
 David Chappell Winters.....Springfield
 Sheldon Stuart Wittenberg.....Toledo
 Mervin Edward Woike.....Cleveland
 Leanne German Wolf.....Rochester, N. Y.
 Kermit Ward Wolford.....Columbus

* Two Degrees
 † Degree and certificate

John Marcus Wood.....	Columbus
Shirley Jean Wood.....	Massillon
Kenneth Winfield Worme.....	Nassau, N. Y.
Joseph Eugene Wright.....	Massillon
Barbara Yen.....	Columbus
Stephen Kyle Yoder.....	West Liberty
Donna Gene Zucker (with Distinction in English).....	Shaker Heights

(Three hundred and eighty-one candidates)

Bachelor of Science

Larry Donald Ackerman.....	Fairborn
Francis Charles Adams.....	Mansfield
Charles Fredric Anderson.....	Barberton
James Willis Anderson.....	Willshire
George Andrijowych.....	Lorain
Douglas Robert Angerman.....	Navarre
William Edward Arrowsmith.....	Westerville
John Henry Bachmann, Jr.....	Akron
William Arthur Bailey.....	Zanesville
Warren Dennis Balazs.....	Cleveland
Richard Henry Baltz.....	Cambridge
Lawrence Jay Barger.....	Cuyahoga Falls
Robert Charles Barney.....	Columbus
Thomas Francis Bear.....	Dover
Roger Knoll Blashfield (cum laude).....	Galion
William Joseph Blazek, Jr. (cum laude).....	New Lexington
David Solomon Bloomfield.....	Columbus
Richard James Bodonyi.....	Cleveland
Lowell Harrison Body II.....	Stow
Donald Clarence Boger.....	Lima
Phillip David Boger.....	Lancaster
Jeffrey A. Borbely.....	Willoughby
William Paul Bringman.....	Upper Sandusky
Philip Steven Bryan (cum laude).....	Delphos
Richard Alvin Burke.....	Gallipolis
Michael A. Carbin.....	Elyria
Carl Chester Carter II.....	Miami, Fla.
James Roland Carter.....	West Hempstead, N. Y.
Dollie Katherine Christman.....	Woodsfield
Franklin Chu (cum laude).....	Springfield
Terence Alan Cochran.....	Richwood
Jack Dennis Cole.....	Hudson
Michael John Cooney.....	Youngstown
Robert Winston Cooper.....	Chillicothe
Rodney Edwin Cooper.....	Ripley
William Van Corban.....	Kettering
David Edward Crouch.....	Dayton
Christopher Dennis Crowley.....	Cincinnati
Richard Ward Cumming (cum laude).....	Wapakoneta
Andrew David Cunningham.....	Jersey City, N. J.
Stanley Robert Czyzak.....	Medway
Gary Jay DaMert.....	Cleveland
Kendra Sue Dayger.....	Greenville, S. C.
Bryant David Denk.....	Millersburg

* Two degrees

John Richard Donahue, B.A. (The Athenaeum of Ohio, Cincinnati)

	Centerville
Warren John Downhour.....	Elida
Charles Gilbert Dunbar.....	Chesterland
Howard M. Eisernoff.....	Cleveland
Elliott Roy Eisner.....	Cleveland Heights
Carolyn Joyce Ellison.....	Columbus
Martin Ersts.....	Cleveland
Susan Erossy Esper.....	Lakewood
William Richard Evans.....	Cleveland
Allen Lowell Ewing.....	Salem
John James Fahey, Jr.....	Evanston, Ill.
William E. Feeman, Jr.....	Allison Park, Pa.
Robert Arthur Feldman.....	Shaker Heights
Robert David Feltzin.....	Dayton
John Frederick Fish.....	Cincinnati
Alan Murray Fisher (cum laude).....	New Philadelphia
John William Fleming, Jr.....	Columbus
Gerald Edward Fox.....	Akron
Richard Joel Freedman.....	New York, N. Y.
Donald French.....	Akron
William Walter Gilbert.....	Twinsburg
Larry Roger Gilger.....	Greenwich
Robert Joseph Gillesby.....	Fairborn
Adam Lee Glazier.....	New Philadelphia
Kay Niki Graham.....	Warren
Ronald Eugene Gray.....	Catawba
Terrence James Gray.....	Grove City
Frank William Gruber.....	Columbus
William Douglas Guinn.....	Columbus
Byron William Gustin.....	Dayton
Mary Beatrice Haldane.....	Waverly
Jon Douglas Hartman.....	Brecksville
Paul Guy Hastings.....	Cleveland
Raymond Ernest Hatton.....	Cleveland
Roland Duane Hedgespeth.....	Columbus
John Patrick Hegarty.....	Barberton
John Charles Heiby.....	Sulphur Springs
Christina May Henneke.....	Columbus
Sanford Herskovitz.....	University Heights
Stephen Kornel Hetey.....	Akron
Rodney Clinton Hild.....	Kettering
Charles Floyd Hildebolt.....	Eaton
John Patrick Hildebrand.....	Cleveland
Richard Lee Hill.....	Hamilton
John Raphael Jacquemin.....	Troy
Emily Margaret Janning.....	Bay Village
Thomas Arthur Johnson.....	Madison
Robert John Kattman.....	Wapakoneta
Jeffrey Lawrence Katz.....	Valley Stream, N. Y.
Robert Joseph Keck.....	Columbus
John Michael Keener.....	Levittown, Pa.
Kathleen Frances Kelsey.....	Lima
Nicholas Michael Kentris.....	Fostoria
Douglas Everet Kesatie.....	Conneaut
Lonnie James King.....	Wooster

George Franklin Kish.....Perrysburg
 Albert Jonathan Klein (cum laude).....Dayton
 David Louis Klein.....Cleveland Heights
 David Ludwig Knowlton.....St. Clairsville
 Bruce Roger Knox.....Euclid
 Phillip Edward Kreager.....Cleveland
 Judith Anne Landau.....Youngstown
 Kenneth Charles Lang.....New Philadelphia
 Robert Lee Lawrence.....Columbus
 Andrew William Lazar.....Cleveland
 Kenneth Lee.....Akron
 Marvin Eugene Leedy.....Lima
 Ward Houston Leedy.....South Point
 Bruce John Lehy.....Cleveland
 Richard Kenneth Lenhart.....Maumee
 William Julius Lenz.....Toledo
 Stanley Milton Lerner.....Youngstown
 Norton Sheldon Levine.....Shaker Heights
 Stephen Barry Levitt.....Dayton
 Robert Earl Ley III.....Dover
 Lawrence Albert Lisska.....Gahanna
 Gordon Rice Little.....Arlington, Va.
 Gary Allen Littlepage.....Worthington
 John David Logan.....Kettering
 Owen Williamson Logee.....Wooster
 Stephen Allen Lohr (cum laude).....Canton
 Lawrence Elliot Luria.....Teaneck, N. J.
 Mark Irwin Lurie.....University Heights
 Frank Clark Lyons, Jr.....East Liverpool
 David Michael Magyar.....Cleveland
 Michael Leroy Manchester.....Kettering
 Joseph Frederick Manship.....Philadelphia, Pa.
 Myron Ian Markovitz.....Johnstown, Pa.
 Jorge Matanzo.....Delaware
 Richard Jeffery Mathews.....Bellville
 John Robert McCarroll.....Zanesville
 John Allan McFarland.....Springfield
 Cynthia McNeal.....Hartsdale, N. Y.
 Janet Carol Meincer.....Toledo
 John Wylie Meredith.....Columbus
 Nelson Miller.....Amlin
 Arthur Anthony Minadeo.....Cleveland
 Robert Franklin Mitchem.....Washington C. H.
 Robert Lee Mittendorf.....Ashland, Ky.
 Robert Philip Morgan.....Columbus
 Orval Lee Mullen (cum laude).....Oakwood
 Gary David Myers.....Ashtabula
 Ellen Sue Natowitz.....Metuchen, N. J.
 Clayton Edward Nenno, Jr.....Fairport Harbor
 James Wilbur Ness.....Dayton
 David Harry Nielsen (cum laude).....Dayton
 Gary Dennis Nixon (summa cum laude).....Kettering
 Donald Paul Orr (cum laude).....Orrville
 Michael Ewing Page.....Dennison
 Connie Rogers Palmer.....La Follette, Tenn.
 David Owen Pearson.....Monroe, Mich.

James Erwin Pendleton.....Ashtabula
 James Lamar Peters.....Maplewood
 Richard Allen Petrilla.....Warren
 Karen Jayne Pfahl.....Independence
 Wayne Edward Phyllaier.....Sidney
 Theodore Richard Pope.....Delaware
 James Marshall Previll.....Charleston, W. Va.
 Kevin James Pyle.....Marysville
 Paul Alexis Rab.....Dayton
 Gerald Thomas Rea.....New Holland
 Michael Harold Reineck.....Norwalk
 Richard Charles Richley.....Cincinnati
 Teresa Anne Rider (cum laude).....Marysville
 John Paul Riehl.....North Canton
 Karl Perry Rieppel.....Worthington
 James David River, B.A.....Chillicothe
 Charles Morrison Robbins.....Steubenville
 Nancy Ann Rose.....East Cleveland
 Philip Roth.....South Euclid
 Lyle Wesley Royer.....Canton
 Frank Thomas Schaber.....Columbus
 Franklin Max Scheel.....Grove City
 Joel Marc Schwartz.....Akron
 Ann Kintner Scott (cum laude).....Pioneer
 Wendell Paul Scott, Jr.....Columbus
 Michael Ellis Segal.....Cleveland
 Alvin Martin Sellers.....Huntington, W. Va.
 Jerome Marshall Shalf (summa cum laude).....Kettering
 Paul Douglas Shoaps.....Strongsville
 Larry Dowain Showalter.....Columbus
 Louis Eugene Simpson.....Mansfield
 George Dean Slater.....Columbus
 David Eugene Smith.....Chillicothe
 William Sherman Smith.....Springfield
 Donald Edward Snider (cum laude).....Bay Village
 William Heise Spahr.....Columbus
 Donald Allen Spencer.....Tiffin
 Edward Alexander Spencer.....Cincinnati
 Stanley Raymond Spurgeon.....Marysville
 Gary Alan Steinberger.....Cleveland
 Steven Dale Stellman.....Columbus
 Jon Henry Sticklen (with Distinction in Physics).....Ashley
 Charles Albert St. Jean.....Lowell, Mass.
 David Alan Stout.....Worthington
 Patricia Ann Sustarsic (cum laude and with Distinction in
 Zoology).....Cleveland
 Theodore Lee Swartz.....Perrysburg
 Robert Stuart Tarr.....Toledo
 John Frederick Taylor.....Clinton
 James Edward Thesing.....Lancaster
 James Arthur Thomas.....Cincinnati
 Jay Maxford Thompson.....Oberlin
 Kenneth Beamer Tomer (cum laude).....Cuyahoga Falls
 Wynne Tootleman.....Washington, N. J.
 David Samuel Tuber (cum laude).....Mansfield
 Lee Irwin Turner.....Shaker Heights

Lois Jean Turner.....	Dayton
William Douglas Turpin.....	Pleasantville
Stephen Richard Uhlin.....	Poland
Donald Victor Unverferth.....	Dayton
Christina Ruth Urban.....	Dayton
Larry Lee Van Pelt.....	Columbus
Leone Marie Vaughan.....	Columbus
Martin Ray Venneman.....	Chardon
Ralph Ronald Veriotti.....	Jefferson
Wayne Steven Verny.....	Oswego, N. Y.
Josann Fairol Watkins.....	Columbus
Ronald Edward Welch (cum laude).....	Dublin
Karen Westfahl.....	Cuyahoga Falls
Charles Edward Williams.....	Eaton
Alan Cecil Wine.....	Youngstown
John William Wolf.....	Piqua
Frank Chester Woodside III.....	Cincinnati
James Ralph Wright.....	Grove City
Larry Ivan Yarrington.....	Columbus
Jeffry Allgier Yoder.....	West Liberty
Joseph Robert Yohman.....	Cincinnati
Ian Mark Zlotolow.....	Louisville, Ky.

(Two hundred and thirty-two candidates)

Bachelor of Science in Medical Technology

Marva Michele Harris.....	Columbus
Carolee Hemmerly.....	Columbus
Karlina Karen King.....	Felicity
Barbara Ann Kline.....	Mansfield
Arlynn Dale Reiffel.....	Glencoe, Ill.
Jacqueline Purcell Reynolds.....	Elyria
Carol Morton Ullner.....	Cincinnati

(Seven candidates)

Bachelor of Science in Physical Therapy

Sheila Marlene Abromowitz.....	Columbus
Rosalie Ann Bissell.....	Fairfield
Myrna Kay Bradshaw.....	Elida
Joan Morton Brun.....	Vandalia
Jerry Lee Bryant.....	Galion
Sandra Kay Dall.....	Butler
Russell Joseph Gelhar.....	Cleveland
Robert William Graham.....	Chesterland
Susan Marie Holeski.....	West Richfield
Phyllis Jean Holliday.....	Campbell
Carol Humphrey Jones.....	Camillus, N. Y.
Carol Theresa Kaiser.....	Canton
Elizabeth Jane King.....	Cincinnati
Carolyn Mildred Linhart.....	Lima
Joan Dayle Maxwell.....	Zanesville
Mary Lou Norton.....	Washington, Ind.
Judith Ann Ralston.....	Coraopolis, Pa.

Rebecca Rockwell.....	Barnesville
Harriet Doris Rosenberg.....	Greensburg, Pa.
Roberta Joan Rosenthal.....	Bronxville, N. Y.
Suzanne Campbell Schiff.....	Cincinnati
Barbara Pohle Smith.....	Columbus
Sharon Ann Sullivan.....	Columbus
Teresa Brown Sutphen.....	Cuyahoga Falls
Karen Jean Van Linge.....	Parma
Ruth Elizabeth Welty.....	Dayton
Barbara Jeanne Wolf.....	Hamilton

(Twenty-seven candidates)

School of Journalism

Bachelor of Arts

Jane Louise Andrews.....	Canton
Homer Brickey, Jr.....	Pickerington
David James Drake.....	Norwalk
Pamela Dyer Evans.....	Dayton
Nan Evelyn Garrison.....	Columbus
Jacqueline Louise Harris, B.Sc.....	Columbus
Linda Lou Hostettler.....	Loudonville
David Mills Lamon.....	Lima
James William McAuley, Jr.....	Toledo
Robert Allen McKnight.....	Columbus
Sandra Kay Miller.....	Springfield
Barry Coe Musselman.....	Shreve
Gary Lee Nuhn.....	Blanchester
Betsy Joyce Rich.....	Newton, Mass.
Mary Margaret Sharp (cum laude).....	Parkersburg, W. Va.
Robert Sheppard.....	Euclid
Carol Lynn Stecher.....	Smithtown, N. Y.
Sherryl Ann Woods.....	Arlington, Va.

(Eighteen candidates)

School of Optometry

Doctor of Optometry

Thomas Edward Fiffick, B.Sc., B.Sc. in Opt.....	Canfield
Jack Millard Fugate, B.Sc. in Opt., M.Sc.....	Columbus
Jerry Lee Neely, B.Sc. in Opt.....	Antwerp
John Paul Schoessler, B.Sc. in Opt.....	Kent

(Four candidates)

Bachelor of Science in Optometry

Ronald Mack Beal, B.Sc.....	Xenia
Charles Howard Bishop, B.S. (Western Michigan University)	Battle Creek, Mich.
Dennis Keith Brunotte.....	Urbana
David Charles Canfield.....	Bowerston

Richard Allen Cook.....	Cleveland
Michael Wilbur Coon, B.Sc.....	Cleveland
Robert Cleyton England.....	Zanesville
Edward Thomas Flinn.....	Sidney
Richard Harris Glanville III.....	Cuyahoga Falls
Robert Edward Gregg.....	Zanesville
James Arthur Hater.....	Cincinnati
Edmund Michael Herb, B.Sc.....	Zanesville
David Allen Howe.....	Springfield
Charles Joseph Keil.....	Benzonia, Mich.
Thomas Dean Kiggins, B.Sc.....	Van Wert
Gerald Eugene Lowther (cum laude).....	Lancaster
Nick Parthenakis.....	Cincinnati
Marvin Lee Pflaumer, B.Sc.....	New Carlisle
Bruce Welton Pratte.....	South Vienna
Patrick Lee Reardon.....	Millersport
Daniel Milton Runyan.....	South Vienna
Norman James Skillicorn.....	Bedford
William Blair Thomas.....	Gallipolis
Steven Allen Tuckerman.....	Columbus
Edwin Carl Winbigler.....	Mansfield
Koran Lee Zehnder.....	Shanesville

(Twenty-six candidates)

College of Commerce and Administration

Dean: James R. McCoy

Bachelor of Science in Business Administration

Richard Kent Aeh.....	Columbus
Gary Len Alwood.....	Columbus
Roger Fay Andrew.....	Hamilton
Robert Alexander Andrews.....	Columbus
Jerome Elliott Apple.....	Warren
John Ray Arganbright.....	Columbus
David Jess Barabe.....	Dayton
Barbara Joan Barbu.....	Avon
James Edgar Barkley.....	Columbus
Lynn Douglas Bartley.....	Grove City
Robert Cappel Becker.....	New Philadelphia
William Lynn Beebe.....	Columbus
Gerald Alan Berk.....	South Euclid
Robert Alan Berman.....	Columbus
Thomas Anthony Bertin.....	Cleveland
Terry Grim Blatter.....	Ripley
John Edward Bonar.....	Columbus
Donald Lee Boothby.....	Lima
James Sherwood Borland.....	Delaware
James Stewart Browne.....	Coral Gables, Fla.
William Leroy Brubaker.....	Napoleon
Stephen Cahall Brunner.....	Mansfield
Frederick Vincent Brunton.....	Columbus
Robert Michael Bruton.....	Shaker Heights
Harvey Kenneth Buchbinder.....	Flushing, N. Y.
Thomas Edward Bugel.....	West Homestead, Pa.
Richard Allyn Calkins (cum laude).....	Columbus
Edward Joseph Cappy.....	Akron
Christine Elizabeth Carey.....	Rocky River
Larry Bruce Chandler.....	Plain City
Dale Olin Channell.....	Senecaville
John Robert Cogswell.....	Marysville
Steven Laurence Coleman.....	Fort Wayne, Ind.
Charles Lawren Coltrin.....	Canton
Barbara Lu Corn.....	Middletown
Jeffrey Lynn Corthell.....	Port Clinton
Karen Ann Cowan.....	Dayton
James Karl Cowen.....	Lakewood
James Carl Davidson.....	Alliance
William Franklin Davis, Jr.....	Loveland
William Lee Dawley.....	Worthington
Edward Adolph DiCresce.....	Akron
Robert Stanley Dombroviak.....	Rossford
John Bennett Donaldson, Jr.....	Pontiac, Mich.
Harry Lee Donavon.....	Newark
William Richard Donham.....	Lima
Donald Eugene Douglas.....	Columbus
Walter Edward Downey.....	Columbus
Ann Louise Emmelheintz.....	Russells Point
Jerry Joe England.....	Bethel

Burton Lee Epstein..... Omaha, Nebr.
 John Edward Erb..... Marietta
 Stephen Leslie Eschleman..... Columbus
 Joanne Rose Fischer..... Levittown, N. Y.
 Richard Ivan Fisher..... Coshocton
 Robert Lynn Fisher..... Worthington
 Lyle Gradon Fjelsted..... Oscoda, Mich.
 Michael Collins Flavin..... Columbus
 Kenneth Harold Fried..... Cleveland
 Beatrice Jane Fry..... Springfield
 Michael Howard Galan..... Cleveland Heights
 Claudia Elizabeth Gardiner..... Bethesda, Md.
 Ronald Edward Garrett..... Wapakoneta
 Barry Paul Garson..... Cleveland
 Brian Keith Garson..... Cleveland
 John William Gelbach..... North Robinson
 Terry Edward George..... Parkview
 Julian Simon Greenspun..... Cleveland
 James Francis Grimme..... West Chester
 Allan William Grintz..... Cleveland Heights
 David Franklin Guinn..... Columbus
 Jeffrey Allen Haas..... Columbus
 Robert Kyle Hammersmith, Jr..... Columbus
 James Fredrick Hanje..... Northfield
 Kenneth Clark Harman (cum laude)..... Canal Winchester
 Frederick Louis Harris..... Columbus
 Michael Edwin Hastings..... Concord, Calif.
 Ralph Douglas Hatch..... St. Clairsville
 Larry Lammers Heckman..... East Cleveland
 Louis John Heil..... North Olmsted
 Lester Edward Heitger..... Columbus
 Mautz Leroy Henderson, Jr..... Springfield
 James Herbert Hughes..... Norwich
 Stuart Mark Hurwitz..... Omaha, Nebr.
 Roger Willard Hutt..... Chillicothe
 Stephen Jared Huxley..... Sidney
 Sue Randolph James..... Columbus
 Thomas George Johns..... Cincinnati
 Kenneth Allen Joseph..... Shaker Heights
 Keith Newton Junk..... Mt. Sterling
 Frederick Wilson Kafer..... Hudson
 Bertrand Joseph Keegan..... Toledo
 Dwight Allen Kelley..... Bremen
 James Nicholas Kellogg (cum laude)..... Columbus
 Stephen Craig Kenney..... New Canaan, Conn.
 Jack Kettler..... Columbus
 Daniel Lee King..... West Liberty
 Kirk Howland Kjellman..... East Liverpool
 Norman John Klym..... Parma Heights
 Thomas Anthony Knotek..... Warren
 Albert Eugene Kohler, Jr..... Columbus
 Thomas Joseph Kohls..... Galion
 Joseph Anthony Konecny..... Defiance
 Richard Kosmo (cum laude)..... Lorain
 Henry Gary Kuhlmann..... Columbus
 Neil Worthington Lamb, Jr..... Columbus

Robert Freeman Lauer, Jr.....Columbus
 Tom Lefkowitz.....Shawnee Mission, Kans.
 Hollis Dyanne Lescovitz.....Franklin, Mass.
 Charles August Loesch.....Parma
 Lawrence Henry Lyons II.....Columbus
 Richard Alan Maben.....Bay Village
 Ronald Dennis Manes.....Warren
 Bruce Edwin Marshall.....Sebring
 Richard Lee Mayhue.....Silver Spring, Md.
 Mary Clair McCarron.....Youngstown
 Robert Edward McKenna.....Columbus
 Jeffrey Lee Meldon.....Shaker Heights
 James Robert Miley.....Worthington
 James Clinton Miller.....Columbus
 Stephen Lane Miller.....Columbus
 William Kelso Miller.....Huntington Station, N. Y.
 Paul Leon Millet.....Dayton
 Robert Edward Milliken.....Waynesburg, Pa.
 Michael Edward Minister.....Worthington
 Steven Chester Mirick.....Columbus
 Ronald Paul Mlicki.....Columbus
 Gerald Allen Moore.....Columbus
 Rose Marie Moore.....Columbus
 Reed Laird Morton.....Shaker Heights
 Henda Jean Munter.....Pittsburgh, Pa.
 Patricia Jeanne Nangle.....Logan
 Ann Louise Nardin.....Middletown
 Stephen Murray Nechemias.....Cincinnati
 Gerald Burke Newman.....Wooster
 Lloyd Carl Nicol.....Marysville
 David Joseph Niehaus.....Hamilton
 Bruce Austin Norvell.....Pontiac, Mich.
 James Edwin Notestine.....Cincinnati
 James Gordon Oates.....Dunkirk
 Denson Coy Pate, Jr.....Chillicothe
 David Ralph Pepple.....Lima
 James Verdon Phillips.....Galion
 Robert Anthony Piazza.....Elyria
 Duane Hershel Plummer.....Ebensburg, Pa.
 Michael Ian Ragovin.....University Heights
 Richard Eugene Reedy, Jr.....Columbus
 Jeffrey Baylor Reitman.....Roslyn, N. Y.
 Bruce Lippincott Reline.....Pittsburgh, Pa.
 Orel Shea Riley, Jr.....Chillicothe
 Alan Vaughn Rinard.....Van Wert
 Anne Ellen Rogers.....Columbus
 Jack Luke Rosati.....Dayton
 Jerry Lee Rose.....Columbus
 Robert David Rosen.....Cincinnati
 Bryan Roger Roub.....Strongsville
 Robert Edwin Rulon.....Wilmington
 Gregory Warren Rush.....Bucyrus
 Sandra Lee Russ.....Canton, Mass.
 Robert Henry Saner.....Bethel
 Allan Joseph Sansotta.....Marion
 Leonard Joseph Schossler.....Ashtabula

Michael Samuel Schwartz..... Cincinnati
 Peter Schweigert, Jr..... Salem
 Jerry Earl Seckel..... Columbus
 Elwin Lee Sellers..... Columbus
 Donald Arthur Severino..... Worthington
 David Seymour Shapero..... Lorain
 Michael Irving Shapero..... University Heights
 David Joe Sheets..... Lewisburg
 Jay Zolte Shoor..... Shaker Heights
 James Edwin Shriver..... Columbus
 Jerry Barton Silverman..... University Heights
 Roger Charles Siske..... Marion
 Bruce Howard Smith..... Pataskala
 David Smith..... East Cleveland
 Donna Michele Smith..... Columbus
 Randall Charles Smith..... Fremont
 Thomas Lee Smith..... Kenton
 Ronald Howard Solt..... Canal Winchester
 Albert Gene Sparrow..... Brunswick
 James Barry Stafford..... Columbus
 Michael Alfred Stanhope..... Chillicothe
 Theodore Ernest Stassou..... Jamaica Estates, N. Y.
 Darlene Oeschler Stauffer..... Cleveland Heights
 David Howard Storch..... Columbus
 Richard Edmond Swank..... Newark
 James Armon Swigart..... Bowling Green
 James Oscar Taylor, Jr..... Nelsonville
 Ronald Lee Thomas..... Cincinnati
 Jack Franklin Thornton..... Cincinnati
 George Allen Trask..... Hudson
 William Joseph Turner..... New Boston
 Robert Edmund Wallace, Jr..... Norwalk
 Andrew William Wanie..... Toronto, Ont., Canada
 Robert Mittler Weinberger..... Hubbard
 Lawrence Arthur Welch..... Shaker Heights
 James Frederick Wickham..... Delaware
 Glen Owen Wilcox..... Columbus
 Richard Louis Williams..... Columbus
 Arthur Edward Wilson..... Springfield
 Kenneth Kincaid Wilson..... Sabina
 Ruth Elizabeth Wilson..... Coshocton
 Ann Wrigley..... Columbus
 Marshall Grenney Wyman..... Painesville
 Edward Carl Yerian..... Columbus
 Fahn Diane Zelizer..... Columbus

(Two hundred and seven candidates)

School of Social Work

Bachelor of Science in Social Welfare

Joanne Elaine Baumann.....	West Chester
Elizabeth Irene Bauscher.....	Bay Village
Elizabeth Catherine Blinkoff.....	Buffalo, N. Y.
Mary Kay Calhoun.....	Bucyrus
Robert Lee Chapman.....	Columbus
Nancy Lou Cohen.....	Columbus
Shirley Dean Farr.....	Springfield
Paula Ann Ferland (summa cum laude).....	Pittsfield, Mass.
Juanita Williams Furuta.....	Columbus
Kathryn Froug Gersh (summa cum laude).....	Columbus
Diane Reich Goldberger.....	Knoxville, Tenn.
Judith Ann Graves.....	Chillicothe
Melvin Thomas Harris.....	Canton
Maralyn Sue Heimlich.....	Marysville
Rosanne Kanter.....	Columbus
James Leopold Kirkell.....	University Heights
Carol Rae London.....	Clarksburg, W. Va.
Paula Marie McClain.....	Carrollton
Janice Ann Meltzer.....	Jackson
Deborah May Mulford.....	Lebanon
Sandra Kaye Parks.....	Urbana
Arlene Vicki Pitinsky.....	Dayton
Nancy Beth Powell.....	Columbus
Jacqueline Kay Purdy.....	Bucyrus
Susan Prior Pyle.....	Berea
Virginia Reed.....	Cincinnati
Mary Sandra Restaino.....	Canton
Linda Sue Ringelspaugh.....	Kettering
Daniel Ardel Smith.....	Columbus
Sheila Schmer Strauss.....	Rockville Centre, N. Y.
Catherine Elaine Summers.....	Columbus
Frank Kenneth Szalay.....	Cleveland
Marilyn Catherine Wetzal.....	Columbus
Gail Patricia Wilhelm.....	Whitehouse
Phyllis Jean Wilson.....	Mansfield

(Thirty-five candidates)

College of Dentistry

Dean: John R. Wilson

Doctor of Dental Surgery

Roger George Adamcin.....	Cleveland
Ronald Bruce Anderson.....	Columbus
Frank Louis Antenucci, Jr., B.S. (Xavier University).....	Cincinnati
Philip Randal Ark (cum laude).....	Dayton
David Jay Astrachan, A.B. (University of California at Los Angeles)	Dayton
William Albert Ayers III, B.Sc. in Edu.....	Columbus
John Harry Baird.....	Dayton
John Earl Baldini.....	Columbus
Robert George Bissell, B.A.....	Columbus
William Frank Black, B.S. (University of Toledo).....	Toledo
Olin Maxwell Bleichrodt.....	Akron
Fredric Allen Blonstein.....	Dayton
Michael James Borrelli, Jr.....	Mentor
Joseph Brant.....	Hamilton
Lewis Clair Brokaw.....	Columbus
Alan Richard Brown.....	Cincinnati
James August Brown.....	Cuyahoga Falls
William Kennard Bruce II.....	Marion
E. Julian Caldwell, B.S. (Ohio University).....	Gallipolis
Larry Leroy Cline, B.S. (Otterbein College) (cum laude).....	Danville
William Walter Cline, B.Sc.....	Columbus
Harvey Bernard Cohen.....	Canton
George Harcourt Collins.....	Worthington
John Joseph Corron.....	Dayton
John Glendon Crites.....	Lyndon
Robert Lee Curry, A.B. (Ohio University).....	Somerset
David Theodore Cutright, B.S. (Capital University); M.S. (Marshall University)	Bainbridge
George Curtis Dailey (cum laude).....	Youngstown
David Herbert Davisson, B.Sc. in Agr.....	Delaware
Harold Frank Doench, Jr.....	Kettering
Lewis John Doria.....	Youngstown
Thomas Edwin Downs.....	Fostoria
George Michael Drosos, B.A.....	Campbell
Charles Leon Durbin, B.S. (University of Dayton).....	Danville
Gilbert John Farrell.....	Painesville
John Ulrich Fauster III, A.B. (Hillsdale College).....	Defiance
William Michael Fitzgerald, B.Sc. (cum laude).....	Columbus
Peter George Froehlich.....	Toledo
Robert Stanley Guminey.....	Cleveland
James Arthur Harrold.....	Avon Lake
Noel Peter Hayden, B.S. (University of Cincinnati).....	Cincinnati
Roger Murrell Higley, B.S. (University of Cincinnati).....	Cincinnati
Howard Ersel Holsberry, Jr., B.Sc. in Agr.....	Akron
Gerald George Huffman, B.Sc. (cum laude).....	Ashtabula
Peter Francis Infante.....	Lima
Ivan Meldon Jaffe.....	University Heights
Luther Stephen Jerman.....	Columbus
Richard Harvey Keller.....	Columbus

Jerry Dion Schommer.....	Dayton
Robert Augustus Scudder, Jr.....	Dayton
Don Edgar Secrest.....	Akron
Carroll Rudolph Shanks, A.B. (University of Cincinnati).....	Kenton
Gary Clyde Shreiner, A.B. (Miami University).....	Columbus
Jack Robert Silverman.....	Cleveland
Leon Sidney Silverman, B.S. (University of Toledo).....	Toledo
Eugene Samuel Simon.....	Girard
James David Smith, B.Sc.....	Lima
James Robert Smith.....	Dayton
Robert Porter Smith, B.I.E.....	Columbus
Charles McMillan Sommers (cum laude).....	Mt. Pleasant
Ronald Irwin Spritzer, A.B. (University of Cincinnati).....	Cincinnati
William Decker Squires (summa cum laude).....	Bellevue
William Henry Stallings, B.S. (John Carroll University).....	Akron
James Clyde Staup, Jr.....	Tipp City
Glenn William Stitsinger, Jr., B.Sc.....	Hamilton
Roger John Stocker.....	Columbus
James Andon Stoycheff, B.A. (Ohio Wesleyan University).....	Ostrander
Daniel Frank Toth, Jr., A.B. (Denison University).....	Chillicothe
Ronald Winston Trospcr.....	Middletown
Michael Tunick.....	Cincinnati
Charles Tzagournis, B.Sc.....	Youngstown
David Ronald Ventker, B.Sc.....	Parma
Myron Simon Wayne, B.S. (University of Cincinnati).....	Cincinnati
Roger Dean Williams, B.Sc. in Edu.....	Marion
William Herbert Wood (cum laude).....	Youngstown
John Dennis Yavorsky, B.S. (John Carroll University).....	Youngstown

(One hundred and twenty-eight candidates)

Certificate of Graduate Dental Hygienist

Jean Bigham Alexander.....	Tiffin
Carol Scroggins Anderson.....	Cincinnati
Anita Kathleen Anthony.....	Sylvania
†Rita Lynn Asmus.....	Columbus
Marilyn Lucille Barnett.....	Dayton
†Donna Marie Beck.....	Chillicothe
Candace Lee Bergmann.....	Columbus
Sandra Rose Bergmann.....	Columbus
†Helga Ingrid Berthold.....	Cleveland
Janet Kay Billett.....	Warren
Julianne Mary Boston.....	Dayton
Karen Ann Brinkman.....	Bucyrus
Suzanne Ashley Brooks.....	Canton
Jane George Brown.....	Toledo
Janet Sue Brumbaugh.....	Covington
Roberta Jeanne Burkey.....	Columbus
Barbara Renneker Burns.....	Smithville
Patricia Jean Caccamo.....	Cuyahoga Falls
Gay Lynn Carlisle.....	Rocky River
Susan Marie Clingaman.....	Defiance
Linda Nell Cochran.....	Akron
Harriet Francine Coppersmith.....	Cleveland
Elizabeth Louise Covert.....	Portsmouth

† Degree and certificate

Stefani Jo Dine.....	Cincinnati
Helen Diane Dodge.....	West Liberty
Susan Jane Donald.....	Mansfield
Diane Lynne Fiecoat.....	Newark
†Valerie Janz Forster.....	Columbus
Diana Kay Foster.....	Coshocton
Joanne Leslie French.....	Cincinnati
Nancy Katherine Grainger.....	Lima
†Barbara Sue Gumm.....	Kettering
†Pamela Jeanne Hauck.....	Worthington
†Pamela Jane Henry.....	Kettering
Emily Jane Hook.....	Georgetown
Donna Marie Horton.....	Columbus
Marsha Lou Howard.....	Dayton
Cheryl Anne Irwin.....	Columbus
Patricia Lou Jacoby.....	Pittsburgh, Pa.
†Renee Jameson.....	Columbus
†Patricia Ann Kobilarcik.....	Wooster
Virginia Ann Kosec.....	Columbus
Cathie Ann Kramer.....	Ada
Linda Gale La Forsch.....	Dayton
†Mary Caroline Lowery.....	Columbus
†Michelle Anne Martin.....	Cleveland
Linda Joy Matusoff.....	Dayton
Janet Ann McCormick.....	New Concord
Virginia Sue McIntire.....	Columbus
Marilee Nichols Miesse.....	Gahanna
Kathleen Louise Mobley.....	Columbus
Karen Diane Moore.....	Zanesville
†Judy Carol Oxman.....	Mansfield
Barbara Jean Pfaadt, B.Sc. in Edu.....	Coshocton
Karen Lukasik Plant.....	Cleveland
Vicki Lee Pochedly.....	Hiram
Mary Suzanne Pope.....	Chardon
Adrienne Joy Price.....	Cleveland
Judith Ann Ramseyer.....	Smithville
Karen Louise Rossetti.....	Canton
Linda Kay Ryan.....	Lakeview
Billie Joy Schneider.....	Chesapeake
Patricia Elizabeth Shepherd.....	Milford
†Wilma Virginia Smallsreed.....	Newton Falls
†Maxene Jane Sneeringer.....	Mansfield
†Frenna Christian Sockman.....	New Cumberland, Pa.
Janice Kay Spring.....	Delaware
Kathryn Marie Stefani.....	Parma
Nancy Jane Taylor.....	Crestline
Melanie Ann Tharp.....	Columbus
Cheryl Lee Troy.....	Toledo
†Sally Diane Turner.....	Columbus
Sue Ann Weinland.....	Centerville
Susan Lynnette Wilkinson.....	Columbus
Cheryl Ann Witker.....	Lakeside
Susan Woodward.....	Warren
Connie Lee Zsambok.....	Medina

(Seventy-seven candidates)

† Degree and certificate

College of Education

Dean: Donald P. Cottrell

Bachelor of Science in Education

Judy Ann Yost Achey.....	Worthington
Joanne Beth Adelman.....	Canton
Shirley Ann Ahlers (summa cum laude).....	Englewood
Elsa Smith Allen, B.Sc. in Soc. Adm.....	Columbus
William Barkley Allen.....	Camden
Rebecca Ann Allerdindg.....	Loudonville
James William Alley, Jr.....	Bethel
Louise Edwina Allin.....	Lakewood
Robert Allen Alvord.....	Middlefield
Marilyn Kay Amrine.....	Columbus
Shirley Louise Amspoker (cum laude).....	Cuyahoga Falls
Henry Briscoe Andrews.....	Berea
Robert Francis Ankney.....	Dover
Eileen Nancy April.....	Fairview Park
Patricia Louise Ark.....	Enon
Joanne Sabol Augenstein.....	Steubenville
Jan Kilgore Avery.....	Akron
Helene Lani Akemi Azama.....	Kaneohe, Hawaii
Karen Anderson Bagent.....	Newark
Frances Lou Baker (cum laude).....	Gallipolis
Thomas Eugene Bakes.....	Marysville
Ronald Louis Balazs.....	Toledo
James Jackson Barnette.....	Troy
Sharon Sloane Barnhardt.....	Marion
Benjamin Clair Barnhart.....	Canal Winchester
Sandra Lee Bartell.....	Cleveland
Thomas Lynn Bassett.....	Lima
James Willis Baughman.....	Carey
JoAnn Beall.....	Barberton
Yvonne Lee Bearss.....	Toledo
Lynnette Sue Behan.....	Swanton
William Frederick Beitzel.....	Dayton
*MarSue Benedict.....	Akron
Barbara Edwards Bentz.....	Cleveland
Norman Kent Berg.....	Dalton
Frances Bergman.....	University Heights
Teri Ann Berman.....	Columbus
Sandra McCoy Bernard.....	Newark
Gloria Queen Beverly.....	Frankfort
Sharon Ann Biddison.....	Dayton
Barbara Jean Bigler.....	Dover
Ruth Shonting Billhimer (cum laude).....	Columbus
Otto Jon Binau.....	Upper Sandusky
Marianne Birt.....	West Liberty
Cassandra Jeannine Black.....	Athens
Rochelle Hillary Blank.....	Shaker Heights
Judy King Blevins.....	Columbus
Catherine Eleanor Boes.....	Columbus
Bonnie Sue Bogan.....	Bucyrus

* Two degrees

Andrea Lynn Bohnen.....University Heights
 William Michael Bokesch.....Youngstown
 Susan Friess Bolton.....East Rockaway, N. Y.
 Diane Virginia Borrer.....Columbus
 Mary Ann Boss.....Dayton
 Ronald Stephen Boster.....Columbus
 Jane Ellen Boyd.....Mt. Vernon
 Sharon Marie Brewer.....Beaver Falls, Pa.
 Sharon Kay Brooks.....Hamilton
 James Dale Brown.....Martins Ferry
 Shirley Marie Brown.....Mt. Gilead
 Theresa Ann Brown.....Columbus
 Carol Willis Browne.....Columbus
 Richard Taylor Bunner.....Columbus
 Linda Burk.....Euclid
 Nancy Ann Burrey.....Sidney
 Janet Mindlin Burstein.....West Orange, N. J.
 William Allen Burton.....Columbus
 Andrew Jackson Bush, Jr.....Portsmouth
 Betty Bush.....Marion
 Barbara Bauer Butler.....Springfield, Va.
 Bonnie Behrens Butterbaugh.....Canal Winchester
 *Clovis Ivan Butterworth.....Columbus
 Patricia Sue Cadwallader.....Lorain
 Kathleen Rose Callinan.....Columbus
 Judy Bell Campbell.....Kenton
 Bonnie Miller Candon.....Euclid
 Patricia Joan Canty.....Columbus
 Sharon Kalb Carter (summa cum laude).....Columbus
 Terrill Ann Casey.....Cleveland Heights
 Pamela Delaine Casto.....Columbus
 June Carol Channing.....Fairview Park
 Anna Lee Chapman.....Columbus
 Diana Louise Chapman.....Cleveland
 Martin Allen Chapman.....Canton
 Max K. Chapman.....Mt. Gilead
 Margey Cohen Cheses.....Denver, Colo.
 Mary Morrison Chesney (cum laude).....Columbus
 Niels Edward Christiansen, Jr.....Cuyahoga Falls
 Kelly James Christy.....Middletown
 Susan June Churley.....Mentor
 Susan Baron Coffae.....Atlanta, Ga.
 Robert Samuel Coffey.....Columbus
 Barbara Ann Cohagen.....Columbus
 Jacqueline Sue Cohen.....Columbus
 Vicki Sue Cohen.....Riverdale, N. Y.
 Tena Michelle Cole.....Skokie, Ill.
 Karen Gullett Collett.....Reesville
 Patricia Beale Collier (cum laude).....Mt. Sterling
 Evelyn Gail Collins (summa cum laude).....Cleveland
 Joyce Sue Collins.....Lima
 Carol Irene Collis.....Middletown, N. J.
 Betty Ruth Combs.....Cambridge
 Susan Ellen Confeld.....University Heights
 James Richard Conklin.....Bellefontaine

* Two degrees

Patricia Ann Conklin.....Worthington
 Susie Feyh Cooley.....Columbus
 Donald Lee Cope.....Salem
 Margaret Marvene Corder.....Columbus
 Sondra Jo Cornelius.....Ottawa
 John Wilson Crawford, B.F.A.....Columbus
 Jean Todd Creamer.....Wilmington
 Linda Darlene Crowe.....Put-In-Bay
 Jane Carolyn Cummons.....Columbus
 Catherine Cope Cupps, B.A.....Barton
 Sharon Ann Dankowski.....Cleveland
 Forrest Melville Danson.....Kettering
 Dorothy Margaret Davies.....Columbus
 Barbara Ann Davis.....Columbus
 Donna Lee Davis.....Mt. Vernon, N. Y.
 Harold Allen Davis (cum laude).....Highland
 Janet Louise Davis.....Columbiana
 Anetta Louise Dawson.....Plymouth
 Joan Lois Dayron.....Mt. Vernon, N. Y.
 Louise Joy DeLancey.....Zanesville
 Rita Marie Delph.....Xenia
 Patricia Jane Delzell.....Omaha, Nebr.
 William Allen Denig.....Kent
 Patricia Fister Denino.....Columbus
 Lila Egan Dennis.....Johnstown
 John Stuart Derbyshire (summa cum laude).....Edon
 Mary Belle DeVoe.....South Solon
 Judith Elaine Dickerson.....Scio
 Mary Melanie Dickie.....Elyria
 Patricia Ogsbury Doherty.....Fairview Park
 Margaret Mary Dolan.....Maple Heights
 Elizabeth Grace Donaldson.....Lorain
 Diedre Kay Douglas.....Piqua
 Terry Craig Downie.....Torrance, Calif.
 Sally Joan Drees.....Covington
 Harriette Lynn Dudley.....Cambridge
 Cheryl Jean Dukro.....Lima
 Jean Meyer DuMont.....Columbus
 Victor Edward Dunham.....Canal Fulton
 Eileen Susan Eaglstein.....Kansas City, Mo.
 Edwin Milton Eakins.....Walhonding
 Anita Ireland Ebbert.....Mansfield
 Jack Christopher Eisele.....Kettering
 Linda Newman Eisele (cum laude).....Marysville
 Edward Fred Eisenberg.....Columbus
 Paul Edward Eisenzimmer.....Cuyahoga Falls
 Shirley Eisnaugle Elford.....Gallipolis
 Susan Ruth Elson.....Mt. Vernon
 Deanna Evelyn Ely.....Columbus
 Suzan Frances Emerick.....Columbus
 Judy Sue Essex (cum laude).....Ray
 Mary Jane Eyster.....Columbus
 Dennis Michael Fagan.....Cincinnati
 Emelyn Rinker Fahrney.....Lakewood
 Carolyn Marie Fandrich.....East Cleveland
 Judith Elaine Fanning.....Dayton

Beth Ann Farnsworth.....Whitehouse
 Karen Feigenbaum.....Shaker Heights
 Judith Marlene Fein.....Cleveland
 Ronald Fred Fein, B.A.....Cleveland
 Jane Dorie Feinstein.....Chicago, Ill.
 Sydell Renee Feld.....Cleveland Heights
 Kathryn Louise Felty.....Columbus
 Geraldine Mackoul Ferris.....Columbus
 David Mack Fife.....Wilmington
 Janice McDonald Finger.....Columbus
 Melvin Harvey Finke.....Columbus
 Lynne Campbell Fischer.....Kansas City, Mo.
 Carol Louise Fisher.....Columbus
 Betty Gay Folger.....Steubenville
 Holly Deanne Foraker.....Doylestown
 Thomas James Foster.....Columbus
 Linda Lee Fouch.....Columbus
 Paulette Evonne Fraley.....Lewisburg
 Penny Carol Freed.....Euclid
 Stephen David Freedman.....Columbus
 Suzanne Deborah Freedman.....Akron
 Gloria Jeanne Freeman.....Wintersville
 Barbara Leslie Friedman.....Shaker Heights
 Nancy Elizabeth Fritsche.....Columbus
 Keith Kermit Furlong.....Arcanum
 Donald Frederick Gales.....Columbus
 Joan Marguerite Gardner.....Columbus
 Marilyn Ricki Garon.....Louisville, Ky.
 Anna Georgelis.....Martins Ferry
 Carolyn Maud Giboney.....Williamsville, N. Y.
 Beverly Ann Gibson.....New Carlisle
 John Lutrelle Gibson, B.S. (Xavier University).....Columbus
 Gregory Carl Gifford.....Columbus
 Mabel Anna Gilbert.....Columbus
 Judith Fulgham Gillespie.....Willowick
 Carolyn Gardner Glenn.....Powell
 William Thomas Goble.....Columbus
 Terri Ann Goldberg.....Indianapolis, Ind.
 Paula Sue Goldman.....New Brunswick, N. J.
 Judith Klein Gotkis, B.A. (Connecticut College).....Columbus
 Danny Paul Gouker.....Tiffin
 Janet Eileen Gray.....Columbus
 Rebecca Whittington Gray.....Columbus
 Barbara Jane Green.....Wooster
 Charlene Ann Green.....Columbus
 Barbara Ann Greenfield.....South Euclid
 Ann Louise Griffiths.....Hamilton
 Richard Nevin Grogg.....Bucyrus
 Rozella Marie Grubbs.....Harrison
 George Waldo Guins.....Olmsted Falls
 Beverly Brandon Gunyou.....New York, N. Y.
 Barbara Rose Gurcsik.....Oregon
 Esther Gutter.....Columbus
 Irvin Mark Haas, B.A.....Columbus
 Frank Edward Habeker.....Columbus
 Barbara Hacker.....Chicago, Ill.

Aldon Irvin Haines.....New Burlington
 Nancy Joseph Hall.....Cleveland
 Lynore Weiss Hamilton.....Dayton
 Mary Judith Hamilton.....Miamisburg
 Pamela June Hamilton.....Mt. Vernon
 Carol Marie Hammon.....Danville, Calif.
 Carol Huff Hankeison.....Shawnee Hills
 Gretchen Claire Hanna.....Napoleon
 Marjorie Ann Harrison.....Mt. Sterling
 Roy John Hawthorne.....Cleveland
 Norma Jean Hayes.....Columbus
 Louis Earl Haynes.....Springfield
 Patricia Jean Haytas (cum laude).....Cleveland
 Diana Dee Headlee.....Columbus
 Margie Fraley Headlee.....Columbus
 Diane Faye Heck.....Columbus
 Karalyn Lue Heimlich.....Marysville
 Clare Susan Heller.....Pittsburgh, Pa.
 Ruben Henderson III.....Columbus
 Mary Jo Enderle Hendricks.....Columbus
 Donald Richard Henne.....Columbus
 Larry Reuben Henschen.....New Bremen
 * Donald Jay Hessler.....Columbus
 Jacqueline Kay Hill.....Cambridge
 Theodora Mooney Hilliard.....Columbus
 Carol Lynn Hines.....Woodsfield
 Janice Miriam Hite.....Findlay
 Melinda Ann Hobson.....Wilmington
 Karen Iris Hodor.....Coral Gables, Fla.
 Charlotte Betty-Jo Hoeb.....Terrace Park
 Thomas Gilbert Hoffman.....Rocky River
 Janet Hanna Hoffmaster.....Columbus
 Lawrence James Hohler.....Norwalk
 Merle Francis Hohman.....New Riegel
 Susan Jane Holdaway.....St. Albans, W. Va.
 Constance Wilcoxson Hollender.....Springfield
 Marcia Luella Honsberger (cum laude).....Sycamore
 Karen Sue Hoover.....Newark
 Mary Ann Russell Hopkins.....Lexington
 Ihor Horodysky.....Parma
 Doris Jean Hostelley.....Rocky River
 Vicki Lee Houser.....Columbus
 Robin Craig Howard.....Delaware
 Jane Ann Hufford.....Bellefontaine
 Geraldine Kay Hunter.....Akron
 Karen Borrer Huntzinger.....Wilmington
 Margaret Elizabeth Hussey.....Mt. Pleasant
 Jerry Lee Icenhower.....Alexandria
 Cheryl Ann Iden.....Newark
 * Isobel Jean Inglis.....Columbus
 Ellen Louise Jackson.....Minerva
 Sandra Mary Jackson.....Fairborn
 Jerry Myron Jacobson, B.A.....Cleveland
 Susan Jane Jaeger.....Columbus
 Judith Anne Jaffee.....Toledo

* Two degrees

Edmund Gale James, Jr., B.A.....Caldwell
 Patricia Ann Jarosi.....Toledo
 Michael Ernest Jenks (cum laude).....Jeffersonville
 Timothy Earl Johns.....Cincinnati
 John Sherman Johnson.....Columbus
 William Frederick Johnson.....Clearfield, Pa.
 William Joseph Johnson (summa cum laude).....Garfield Heights
 Carol Lee Jones.....Columbus
 Sharon Elizabeth Jones.....Euclid
 * Barbara Lynne Joseph.....Dayton
 Michael Lee Kabler.....Ripley
 Douglas Nelson Kantner.....Wapakoneta
 Mary Katherine Karrer.....Dublin
 Ruth Marie Stick Kassner.....Columbus
 Janet Schwartz Kastner.....Akron
 Eileen Renee Katz.....Cleveland Heights
 Shirley Ann Kaufman.....Cleveland
 Ronald David Keener.....New Lebanon
 Mark Jay Keller.....Prospect
 Penelope Gwendolyn Keller.....Canton
 Barbara Hubbard Kelley.....Bremen
 Karen Ann Kelly.....Columbus
 Ellen Richard Kempf.....Lockbourne
 Marion Lee Kennedy.....East Canton
 Sandra Kay Kenner.....Dayton
 Diane Rose Kensicki (cum laude).....Cleveland
 Ellen Jeanette Kernychny.....Cleveland
 Esther Elizabeth Kiehl.....Harrisburg
 Gilbert Snowden King.....Bryan
 Karen Marie King.....Fairborn
 Susan Rader Kinn.....McComb
 Karen Jane Kirts.....Marion
 William Oliver Kjerrumgaard.....New Haven, Mich.
 Ralph Willard Kleinline, B.A.....Columbus
 Michelle Joy Kline.....University Heights
 Lowell Eugene Klinefelter.....Marion
 Suzann Marie Knapp.....Columbus
 Linda Anne Knoff.....Newton, Mass.
 Lawrence Francis Koebel.....Westerville
 Kenneth Harold Koenig, B.S. (Kent State University).....Wickliffe
 Karen Leslie Krebs.....Newark
 Kenneth Harry Kriegmont.....Olmsted Falls
 Sharon Marie Kucich.....Eastlake
 Amelia Ruth Kunkler (cum laude).....Columbus
 Joyce Kranitz Label.....Youngstown
 Susan Jean Lackey.....Youngstown
 Nancy Herrick Laine.....Chillicothe
 Carol Ann Lanese.....Euclid
 Gloria Myers Larson.....Canton
 John Robert Latham, B.Sc. in Bus. Adm.....Columbus
 Rosilyn Ann Latham.....Mt. Vernon
 Roberta Jayne Laudrie.....Akron
 Charles Arthur Layne.....Jackson
 Linda Sue Lee.....Lima
 Richard Douglas Lee.....Grafton

* Two degrees

David Anthony Leech.....Columbus
 Marjorie M. Leeds.....Cedarhurst, N. Y.
 Sheila Pearl Lefkowitz.....South Euclid
 Pamela Pitkin Leininger.....Mt. Vernon
 Cheryl Renee Lester.....Shaker Heights
 Harriet Elaine Levy.....Dayton
 Linda Kay Lewis.....Shaker Heights
 Rockford Lewis, Jr.....Bethel
 Sandra Thomas Lewis (cum laude).....Cleveland
 John Charles Ley.....Middle Point
 Sharon Ann Lieberman.....Columbus
 Nancy Marie Lingo.....Columbus
 Carol Anne Lippard.....Pittsburgh, Pa.
 Marjorie Elsa Liss.....South Bend, Ind.
 Vicki Nutter Lloyd.....Columbus
 Roxey Ann Lombard.....Mansfield
 Carmen Patricia Long.....Newark
 John Arthur Long.....Findlay
 Lois Ann Luchans.....Lyndhurst
 John Raymond Luther.....Springville, N. Y.
 Howard Camillo Lymor.....Warren
 Janet Carolyn Lyon.....East Meadow, N. Y.
 Norman Thomas Lyon.....Caledonia
 Patricia Ann Macklin.....Columbus
 Patricia Alice Magers.....Columbus
 Alice Norris Main.....Fairport Harbor
 Yale Lee Mandel.....Cleveland
 Sandra Jo Mandell.....Lyndhurst
 Lynn Dale Mann.....Columbus
 Regina Robertson Marco.....Columbus
 Helen Elaine Marcum.....Fairview Park
 Cheryl Bette Margolis.....South Euclid
 Donna Gail Marks.....Canton
 Roselyn Sue Marks.....Shaker Heights
 Janet Louise Martin (cum laude).....Geneva
 Macy Margaret Martt.....Amsterdam
 Jefferson Harvey Massey.....Chandlerville
 Marilyn Elizabeth Mathews.....Hubbard
 Ruth Heidi Matt (cum laude).....Cleveland Heights
 Mary Alma Mayer.....Marysville
 Robert Emerson Mayfield, Jr.....Crestline
 Gilbert Milton Mayhugh.....Logan
 Marcia Ann McCalla.....Terrace Park
 Sharon Anne McCarty.....Columbus
 James Earl McCord.....Ashville
 Maureen Alice McCord.....Worthington
 Patricia Kathleen McCoy.....Columbus
 Paul Kerry McDowell.....Columbus
 Joan Root McElheny.....Hilliard
 Sandra McGregor.....Springfield
 Barbara Ann McGuire.....Marion
 Philip Ray McGuire.....Harpster
 George Franklin McKnight.....Columbus
 Stephen Douglas McLaughlin, B.A.....Columbus
 Thomas Michael McNutt.....Toledo
 Marilyn Gayle Mechanic.....Shaker Heights

Linda Jean Mecsko..... Westlake
 Lucile Pat Meinhardt, B.A. (Rice University)..... Lancaster
 Richard Carmen Melfi..... Columbus
 Darlene Ann Melsop..... Worthington
 Gertha Menefee..... Cleveland
 James Harman Merrell..... Louisville, Ky.
 Marialice Decker Messerly..... Steubenville
 Gail Miller..... Cleveland Heights
 Lynne Miller..... Rochester, N. Y.
 Marilyn Ruth Miller..... Youngstown
 Mary Kathryn Miller..... St. Louis, Mo.
 Patricia Ann Miller..... Columbus
 Judith Ann Mitchell..... Marion
 Donald William Moffat..... Columbus
 Sharon Elaine Molen..... New Carlisle
 Elizabeth Freshwater Moltenberry, A.B. (Miami University).... Columbus
 James Claremont Moore..... Paris
 Charme Bell Morehart, B.A..... Columbus
 Linda Lee Morehead..... Toledo
 Carol Irene Morganski..... Whitehall
 Jean Ann Morris..... Parkersburg, W. Va.
 John Harrison Morris..... Martins Ferry
 Marianne Orr Morrison..... Columbus
 Judy Amanda Morrow..... Fairborn
 Mary Jo Hagler Morrow..... Xenia
 Ronald Louis Morvai..... Mansfield
 Jacquelyn Lee Moses..... Cuyahoga Falls
 George Stephan Mozsy..... Cleveland
 Nancy Louise Mravec..... Canton
 Rebecca Ellen Muff..... Eaton
 William Oakley Mulbarger..... Columbus
 Patricia Ann Mundew..... McConnelsville
 Lynne Walker Murray..... Columbus
 Dorothea Lohmann Naylor..... Trenton, N. J.
 Suzanne Marie Nemeth..... Canton
 Susan Gail Neros..... Willoughby
 Don Leslie Neumann..... Tiro
 Jerry Lee Newell..... Marion
 Bonny Neff Newman..... Lancaster
 Marcia Lee Newton..... Muncie, Ind.
 Norma Williams Nickoloff..... Columbus
 Susan Marie Nicodemus..... Baltimore
 Lotus Carole Ning..... Dayton
 Michael James Norrocky..... Vickery
 Bruce Edward Nowicki..... Dayton
 David Neff Nungesser..... Washington C. H.
 Nancy Jane Oborn..... Marion
 Roberta Susan Olt..... Indianapolis, Ind.
 Cheryl Beth Orr (cum laude)..... Ashtabula
 Richard Eugene Oswalt..... Crestline
 Judith Mary Otto..... Olmsted Falls
 Frank Thomas Parks..... Petersburg
 Geneva Joy Parsley..... Columbus
 Marilyn Meryl Parsons..... Toledo
 Diane Louise Patterson..... Dayton
 Pamela Lane Patton..... Columbus

Marsha Lynn Paulus.....Port Clinton
 Nancy Anne Paulus.....Columbus
 William Arthur Pauly.....St. Paris
 Gloria Jean Paxton.....Lexington
 Sandra Pearl.....South Euclid
 Martha Cox Peck.....Columbus
 Alan Edward Perris.....Shaker Heights
 Beverly Reid Pettit.....Circleville
 Stephen Christopher Piper.....Pleasant Hill
 David Plata, B.Sc. in Bus.Adm.....Brooksville, Fla.
 David Malcolm Polk.....Blacklick
 Lawrence Joseph Polkovitch.....Hubbard
 Linda Sue Poppy.....Columbus
 Lembi Poska.....Columbus
 Gracey Dee Potter.....Port Arthur, Tex.
 Billye Kay Prather.....Miamisburg
 Norma Jean Prather.....Johnstown
 Mary Alice Prendergast.....Euclid
 Beverly Sue Price.....Lakeville
 Charles Leon Price.....Middletown
 Karen Anne Pumo.....Maple Heights
 Janet Weber Quaintance.....Springfield
 John Thomas Quinn.....Columbus
 Keith Lynn Raitz (cum laude).....Toledo
 Constance Ann Rau.....Columbus
 Jane Ellen Raynes.....Washington C. H.
 Geraldine Dorothea Rebecca.....Trenton, N. J.
 *Kerry Jackson Reed.....Princeton, W. Va.
 Carolynn Jane Reiber.....Covington
 Sandra Morgan Reiser.....Portsmouth
 Barbara Jo Reitman.....Shaker Heights
 Kathleen Marie Renker.....Lorain
 Mario Paul Renzelli.....Steubenville
 Sandra Jean Rex.....Lakewood
 James Edward Rhodes, Jr.....Columbiana
 Judith Ann Rice (summa cum laude).....Cambridge
 Robert Charles Rice.....Canton
 Jill Ann Richey.....New Philadelphia
 Ronnie Edwin Ricketts.....Junction City
 Alexandra Nina Rimash.....Scarsdale, N. Y.
 Linda Lou Rine.....North Canton
 Georgeanne Faris Roane.....Quantico, Va.
 Jane Boughner Roberts.....McKeesport, Pa.
 Karen Cecile Roberts.....Toledo
 Paul Douglas Roberts.....Findlay
 James Dale Robinson.....Toledo
 Susan Pence Rohlf.....Dublin
 Darlene Linda Rose.....Dayton
 Kaaren Dale Rosen.....University Heights
 Carole Lois Rosenberg.....Shaker Heights
 Cresence Wies Roshaven.....Columbus
 Karen Sue Ross.....Columbus Grove
 Dorothy Georgia Roth.....Coral Gables, Fla.
 Joan Leslie Roth.....Shaker Heights
 Sharon Ann Roush.....Marion

* Two degrees

Robert Eugene Rowland.....Jeromesville
 Sandra Ruth Rubinstein.....Cleveland
 Carol Ann Rush.....Columbus
 James Howard Russell.....Hanoverton
 Bonnie Forgeron Ryan (cum laude).....Columbus
 David Louis Samuel.....Columbus
 Ardith Garrett Sands, B.F.A.....Columbus
 Larry Paul Sandy.....Euclid
 Beverly Joan Sankey.....Cleveland
 Sharon Augenstein Sauer.....Grove City
 Susan Rae Savage.....Columbus
 Ruth Ellen Schade.....Warren
 William Allen Scheaf, A.B. (Middlebury College, Vermont).....Columbus
 Jo Ellen Schlott.....Barberton
 Marianne Beck Schmidt.....Parma
 Constance Alvina Schreiner.....Sandusky
 Keith Richard Schrock.....Smithville
 *Ruediger Siegfried Schroeer.....Enon
 Sherry Lee Schuman.....Dayton
 Annette Marie Seaver.....Kent
 Cathryn Ann Sech.....Columbus
 Marilyn Sandra Seiger.....Pittsburgh, Pa.
 Richard Ralph Sevits.....Lorain
 Joan Marie Shaff.....Euclid
 Linda Kaye Shafor.....Dayton
 Susan Gaye Sherman.....Youngstown
 Michele Lando Shkolnik.....Columbus
 Lynne Alyce Shreiner.....Columbus
 Sharon Katherine Shriver.....Big Prairie
 Linda Jean Shultz.....Mt. Vernon
 Rhoda Shumofsky.....Mt. Vernon, N. Y.
 Rosalyn Jean Siegel.....Columbus
 Sandra Lee Silber.....Oak Park, Mich.
 Laurel Ellen Sillins.....Columbus
 Sally Jo Reitzes Silverman.....Cincinnati
 Barbara Ann Sime.....Fairborn
 Jane Ann Simmons.....Perrysburg
 Kathleen Nancy Simon.....Maple Heights
 Michele Jean Simon.....Cleveland
 Marilyn Kay Simpson.....Chagrin Falls
 Linda Carol Sims.....Atlanta, Ga.
 Doris Schmotzer Skaza.....Cleveland
 George Smeller.....Barberton
 Cinda Sue Smith.....New Philadelphia
 Kathy Worthington Smith.....Powell
 Lynne Ranck Smith.....Marion
 Phyllis Marcia Smith.....Atlanta, Ga.
 Sharon Elizabeth Smith.....Granville
 Mathews Snell.....Locust Valley, N.Y.
 *Florence Elizabeth Snyder.....Columbus
 Hope Lynn Snyder.....Marion
 Joyce Rose Snyder.....Columbus
 Larry Russel Snyder.....Wooster
 Pamela Rae Snyder.....Canton

* Two degrees

Donna Koppelman Solove.....Cleveland Heights
 John Wayne Sonedecker.....New Springfield
 Catherine Fleek Spalding.....Dover
 Donna Schumann Sperber.....University Heights
 Dorothy Kathleen Sperling.....Toledo
 Jo Ann Spiegel.....Miami, Fla.
 Susan Arlene Spurgeon.....Maumee
 Susan Cooke Spurgeon.....Defiance
 Gary Alan Staggs.....Summit Station
 Eugenia Gayle Stahl.....Butler
 Richard Edward Stasenko.....Cleveland
 Linda Blaine Stavis.....Shaker Heights
 Bonnie Elizabeth Steel.....Cincinnati
 Bunny Carole Steiger.....Fremont
 John Stuart Steinhauer, B.A.....Cuyahoga Falls
 Sara Muir Stephens.....Alexandria
 Patricia Jean Stevens.....Archbold
 Howard Newell Stevenson, Jr.....Circleville
 Norman Edward Stosberg.....Columbus
 Marvin Merlin Stotz (cum laude).....Monroeville
 Linda Kay Stout.....Toledo
 Sharon Lee Strapp.....Columbus
 Frederick Lee Strickler.....Columbus
 Sue Ann Struble.....Findlay
 Patricia Welling Stuckert.....Bucyrus
 Sharon Eileen Stultz (cum laude).....Urbana
 Brenda Marilyn Sugarman.....Atlanta, Ga.
 Kathryn Sue Suydam.....Napoleon
 Terry Van Swearingen.....Alliance
 Alice Verity Sweeley.....Grove City
 Mary Ellen Swisshelm.....Sabina
 Mary Zorn Sykora.....Valley City
 Emeric Thomas Szappanos.....Cleveland
 Michael Edward Tann.....Columbus
 *Jane Wolkin Tapper.....Hamilton
 Ruth Tarcov.....Columbus
 Jacqueline Nancy Taylor.....Columbus
 Patricia Arlene Taylor.....Worthington
 Charles Richard Temple.....Waldo
 Lynn Terjesen.....Akron
 Sally Ann Teufel.....Rocky River
 Patricia Ella Tharp (cum laude).....Columbus
 *Andrea Marie Theibert.....Columbus
 Gary Eugene Thompson (cum laude).....Bellefontaine
 Mary Beth Thompson (summa cum laude).....Columbus
 Rebecca Belle Thompson.....Roseville
 *Jerrie Lynn Thornell.....Portage, Mich.
 John Harold Thrush.....Worthington
 Margo Beth Timan.....Tucson, Ariz.
 James Allan Titus, B.S. in Bus.Ad. (Bowling Green State University)
 Cincinnati
 Richard Dale Todd.....Columbus
 Aniko Elizabeth Trombitas (cum laude).....Cleveland
 Thomas William Troxell.....Dayton

* Two degrees

Jacqueline Dorf Tunick, B.A..... Miami Beach, Fla.
 Richard Michael Tuttle..... Prospect
 Wilbur Edward Ulrich, B.Sc. in Bus.Adm..... Ridgeway
 Judy Pierson Ulrikson..... Reynoldsburg
 Connie Jane Uncapher..... Marion
 Rosina Ann Vacchiano..... Dayton
 Susan Jane Valare..... Toledo
 Larry Eugene Vanasdale..... Plymouth
 Dorothy Ruth Van Zee..... Toledo
 Patricia Anne Wagner..... Washington C. H.
 Susan Elizabeth Wagner..... Columbus*
 Edward John Walsh..... Cleveland
 Patricia Lee Warren..... University Heights
 *Judith Elizabeth Warshaw..... Kingston, N. Y.
 Elizabeth Watkins..... Dayton
 John Leslie Watkins..... LaRue
 Sally Spears Weaver..... Dayton
 Lorraine Kaye Weber (cum laude)..... Columbus
 Terrence Michael Weddle..... Spencerville
 Paul Joseph Weidner..... Kettering
 Don Robert Weimer..... Columbus
 Mark Herbert Weinstein..... Dayton
 Diane Ellen Wells..... Barberton
 Carolyn Sue Welsh..... Toledo
 Judith Dale Wendling..... Dover
 Janet Broughton Wenk..... Akron
 Catherine Alene Wharton..... Coshocton
 Patricia Louise Whetsel..... Cincinnati
 Charles Allen Whetstone..... Columbus
 Suellen Whitacre..... Blanchester
 Kathleen Modica White..... South Euclid
 *Marilyn Elizabeth White (cum laude)..... Poland
 Sue Ann White..... Columbus
 Frances Ann Whitehead..... Columbus
 Mary Mayer Whitney..... Lima
 Thomas George Whitney..... Lima
 Billie Girdner Wilchek..... Mansfield
 Gloria Scott Williams..... Columbus
 James David Williams..... Galion
 Jane Ann Williams..... New Concord
 Joan Elaine Wilson..... Lodi
 Kathlyn Grace Wilson..... East Liverpool
 Ronald Sheridan Wilson..... Marion
 Judy Ann Wince..... Utica
 Elaine Eve Winkle..... Sardinia
 Muriel Goldberg Wolland..... Brooklyn, N. Y.
 Paul Phillip Wolstenholme..... West Mansfield
 Cheryl Ann Wren..... Worthington
 James Arnold Wright..... Corning
 Jennifer Wynn..... Miami, Fla.
 Brenda Louise Yager..... Frankfort
 Carla Olson York..... Southington
 Janet Sue Young..... Columbus

(Six hundred and fifty-three candidates)

* Two degrees

Bachelor of Fine Arts

David Franklin Armstrong.....	Bucyrus
Larry David Barricklow.....	Columbus
John Curtis Cleland.....	Columbus
Mary Catherine Dawson.....	Lakewood
Lana Karen Fogt.....	Bellefontaine
Edward Hugh Fredendall.....	Columbus
Michael Erwin Frueh.....	Lima
Saundra Avery Koby.....	Columbus
Barbara E. Lipofsky.....	Barrington, Ill.
Mary Agnes Lisy.....	Middletown
Lynn Marie Lowery.....	Columbus
Linda Lou Lynch.....	Columbus
Douglas Bruce MacKenzie.....	North Olmsted
Harold Austin McIntosh.....	Columbus
James Michael McIntyre.....	Stow
Bruce Lee Papier.....	Columbus
Trina Ann Paulus (summa cum laude).....	Cleveland
Sergey Gary Podwalny.....	Oberlin
Joel Constance Prendergast.....	Columbus
Thomas Alan Reich.....	Columbus
Marilyn Jane Renick.....	Columbus
Sandra Ruth Shorr.....	Dayton
Gary George Sievert.....	Mt. Vernon
Anne Louise Simmons.....	Delaware
George Edwin Turner.....	Dayton
*Todd Carter Warmington.....	Akron
Kathy Lu Williams.....	Gahanna
Carol Elaine Wilson.....	Cleveland Heights
Dixie Henning Worcester (cum laude).....	Stow

(Twenty-nine candidates)

Bachelor of Music

Laura Jane Clayton.....	Morehead, Ky.
Carole Virginia Knapp (summa cum laude).....	Columbus
Elizabeth Ann McCann.....	Lakewood
Eugene Allen Phillips.....	Dayton
Linda Gail Rubin.....	Shaker Heights
William Barney Stacy.....	Columbus

(Six candidates)

* Two degrees

College of Engineering

Dean: Harold A. Bolz

Bachelor of Aeronautical and Astronautical Engineering

Charles Edward Adams, Jr.	Zanesville
Charles Anthony Alpar	Cleveland
James Ward Baker	Ashtabula
Welden Sommer Benedict	Columbus
Anthony Adrian Boiarski	Cadiz
Francis Lee Brown	Rushville
Clarence Morton Campbell	Vandergrift, Pa.
William Willis Clever II	Fredericktown
Robert Allen Cobler	Columbus
Roger Coy Crites	Niles
Karl Rupert Eckhardt	Ashtabula
*James Rood Eisenmann (summa cum laude)	Garrettsville
Larry Lee Ernst	Beckley, W. Va.
Robert Anthony Golobic	Euclid
Eleanor Beatrice Hall	Hebron
Richard Alan Hopkins	Galion
Bahram Khamnei-Motlagh	Tehran, Iran
Russell Laurence Kirkbride	Nashport
Charles Herbert Law	Alexandria
*Paul Frederick Lyons II	Canton
Kenneth John Naumann	Columbus
James Ewers Orkins	Tioga, Pa.
Leroy Richard Paolini	Columbus
Harold Nelson Post (cum laude)	Hillsboro
William Francis Quinn	Columbus
Donald William Ross, Jr.	Columbus
Charles Henry Schmid	Cleveland
George Ludwig Seibert	Youngsville, N. Y.
David Joseph Sharkey	St. Clairsville
Richard Michael Smith	Bellefontaine
Myron Sheldon Taich	Lorain
Ronald Russell Teeter	Girard
Bernardino Anthony Testa	Flushing, N. Y.
Robert Otto Werka	North Olmsted
Orest Zubal	Lorain

(Thirty-five candidates)

Bachelor of Ceramic Engineering

David Earl Achey	Columbus
James Michael Best	Uhrichsville
Larry Neal Biller	Attica
Charles Rudolph Clayton	Columbus
Arthur Glenn Como	Youngstown
Don Raymond Graber	Leavittsburg
Jonathan Wayne Hinton	Canton
Larry Garen McCoy (cum laude)	Fletcher
Allan Lee McFadden	Canton
James Edward Saltsman	Columbus

* Two degrees

Leonard John Schoeppner.....Canton
 Robert Baird Sneed.....Birmingham, Mich.
 Gary Allen Stumbaugh (summa cum laude).....Loudonville
 Philip Raymond Woodruff.....Tiffin

(Fourteen candidates)

Bachelor of Chemical Engineering

James Gilbert Arnold.....Columbus
 Jerome Edward Balkenhol.....Gahanna
 Henry Carter Castilow.....New Martinsville, W. Va.
 William Franklin Deerhake.....Findlay
 Thomas Edward Fitz.....Cuyahoga Falls
 Richard Huber Furlow.....Fulton, N. Y.
 Jeffrey Earl Haas.....Canton
 Edward Forest Jefferis III.....Columbus
 Michael George Konicek.....Parma
 William Grover Lowrie.....Painesville
 Glenn Louis McKee (summa cum laude).....Frazeysburg
 John William Mitchell.....Point Pleasant, W. Va.
 Donald John Modell.....Cleveland
 Jerry Ray Morton.....Dayton
 Gary Wilson Moyer (summa cum laude).....Fairborn
 David William Walter.....Cleveland
 Hugh James Zeller.....Gnadenhutten

(Seventeen candidates)

Bachelor of Civil Engineering

Edward Francis Armstrong.....Columbus
 Bruce Macklem Bair.....Canton
 William Frank Beuth.....Adena
 Bruce Blake Bollinger.....Delaware
 Ralph William Cohagan, Jr.....Columbus
 Stanley Frederick Condiotti.....New York, N. Y.
 Charles Herrmann Dettwiller.....Portsmouth
 John Fay Elliott.....Freetown, Sierra Leone, West Africa
 Norman Jay Feuer.....Brooklyn, N. Y.
 Duane Henry Fink, B.A.....Cincinnati
 John Dennis Flechtner.....Tiffin
 Everett Boyd Ford, Jr.....Columbus
 David Lee Hering.....Parma
 John Edward Imbus.....Milford
 Richard Wayne Lautensleger.....Baltic
 Roy Clyde Loutzenheiser.....Arlington, Va.
 Mikkel Gordon Mandt.....Columbus
 Richard Stephen Pyson.....Sandusky
 Ralph William Rapp, Jr.....New Philadelphia
 David Lokker Wilson.....Bay Village
 John David Wysong.....Dayton
 James Truman Young.....Cincinnati

(Twenty-two candidates)

Bachelor of Electrical Engineering

Joseph Warren Baleh (summa cum laude)	Point Pleasant, W. Va.
Michael Francis Barlage	Waverly
Stephen Francis Bean	Findlay
Kenneth Robert Borisch	Cincinnati
Larry Ray Butts	Englewood
William Michael DeGroff	Marion
Patrick B. Drake	Lancaster
Stephen Renee DuMont	Medway
John Deaver Evans	Reynoldsburg
Richard Donald Faber	Forest Hills, N. Y.
James William Farrington	Parma
Terrance Lee Flaig	Cincinnati
Frederick Harold Friberg, Jr.	Union, N. J.
John David Garvic	Springfield
Gary Stephen Geyer	Marion
Robert Vincent Goodman	Milford
Frank Joseph Gordish	Willowick
Charles Daniel Grucella	Akron
Charles Paul Haught	Columbus
Leland George Heffner	Canton
Floyd Roger Hess, Jr.	Mt. Vernon
Robert Bruce Hoskinson	Lakewood
David Atwell James	Marion
Richard Eugene James	Chillicothe
Paul Eugene Kauffman	Fredericktown
Donald Berlin Kennedy	Wapakoneta
Cyrus Khamnei-Motlagh	Tehran, Iran
Harold Clifford Koch	Rocky River
Mark Barrett Kuhner (summa cum laude)	Columbus
Ronald Raymond Lentz (summa cum laude)	Columbus
Charles Grover Litsinger, A.B. (West Virginia University)	Charleston, W. Va.
William Robert Lowther	Columbus
Stephen Robert Montgomery	Dayton
Neil Eugene Morris	Lancaster
Leslie John Palkuti, Jr. (cum laude)	Columbus
George Arthur Richards (cum laude)	Granville
Michael Anthony Ryder	Massillon
Karl Richard Shaffer	Columbus
Gary Roy Shippy	Chagrin Falls
Thomas Luther Thomas (summa cum laude)	Findlay
Norman Andrew Toto	Adena
Jack Raymond Townsend	Akron
Terrence Roger Ulm (summa cum laude)	North Canton
Daniel Clay Upp	Marion
Otis Vestfals	Columbiana
Donald Frederick Weiland	Avon Lake
John Thomas Whalen	Youngstown
Thomas Eugene White	Akron
Robert Dale Willson	Columbus
Philip Allan Wing	Circleville
Raymond Edward Wright	Forest
John Allen Yeichner	Galion
David John Yost	Adena

(Fifty-three candidates)

Bachelor of Industrial Engineering

Larry Dennis Altshuler.....	Cleveland Heights
Dennis Earl Bates.....	Lancaster
Carl Edward Bauer.....	Cincinnati
Paul Leo Clifton Bayless (summa cum laude).....	West Mansfield
Vitauts Beldavs.....	Cleveland
Boyd Fletcher Bilger, B.Sc. in Bus.Adm.....	LaGrange Park, Ill.
Jerry Lamb Carney.....	Xenia
Paul Jerry Coder.....	Mansfield
Theodore Julius Day.....	Cleveland
Woodrow Steven Demmy (summa cum laude).....	Springfield
Jay Vinton Foster.....	Chillicothe
Martin Joseph Hagl.....	Middletown
James Anthony Kalina.....	Cleveland
David Lloyd Kandel.....	Findlay
Duane Carl Knauer.....	Sandusky
Edward Donald Knerr.....	Dayton
Franklin Joe McDowell.....	Eaton
Wendell Corley Miller.....	Parkersburg, W. Va.
Arthur Edward Nauman, Jr.....	Canton
Robert Charles Nelson.....	Greenville
Michael Keith O'Toole.....	Fairborn
Thomas Merle Phillips.....	Dublin
Peter Adolf Schanz.....	Parma
William Thomas Snowball.....	Cincinnati
Kenneth Charles Spiegel.....	Bucyrus
Güner Hasan Tokcan.....	Denizli, Turkey
Lewis Fredrick Traxler.....	Bucyrus
James Allen Wolfe.....	Worthington

(Twenty-eight candidates)

Bachelor of Mechanical Engineering

Patrick Ryan Badgley.....	Grove City
Dwight Allen Blaser (summa cum laude).....	Bucyrus
George Michael Bower.....	Columbus
James Earl Britton.....	Norwalk
Byron Alfred Burkholder.....	Republic
Ronald Gayle Cantrell.....	Columbus
John Litschert Crisp.....	Berea
Samuel Thomas Darnell.....	Ironton
James Franklin Davis.....	Cincinnati
Kenneth Ray Diller (cum laude).....	Orrville
Gary James Doyle (summa cum laude).....	Frankfort, Ind.
John David Eubanks.....	Springfield
James Walter Eyster.....	Canfield
Thomas John Hall.....	Hartville
Robert Helberg, Jr.....	Holgate
James Leon Henry.....	Versailles
William Joseph Hoge.....	Willoughby
Vincent Raymond Horning, Jr.....	Salem
Richard Stephen Jirousek.....	Cleveland
Ralph Dennis Katona.....	Hinckley
Bradford Elby Kile.....	Caledonia
Roderick Orville Koehler.....	Grove City
Jon Richard Konneker.....	Columbus

Paul Steven Kurtzman.....	Columbus
William James Mateyka.....	Cleveland
David Francis Miller.....	Columbus
Jack Byron Morehart.....	Cleveland
Vern DeWitt Notestine.....	Lewistown
Larry Woodrow Nuzum.....	Wintersville
Richard George O'Brien.....	Cincinnati
Terry Lee Oller.....	Delta
Ronald Gene Osborne.....	Springfield
Paul Rolland Ritchey, Jr.....	Deer Park
Samuel Roth.....	Youngstown
Edward Reed Rudolph.....	Marion
Donald James Schiavone.....	Conneaut
Terry Emerson Shoup.....	Tipp City
Roger Franklin Soike.....	Trotwood
William George Steinmetz.....	Canal Winchester
Paul Robert Stephens.....	Cincinnati
Harvey Alan Stewart.....	Columbus
Garry Chester Tackett.....	West Jefferson
Theodore Ellsworth Tinsler.....	North Canton
Gerald Eugene Viers.....	Shelby
Alex Von Wolfe.....	Fairborn

(Forty-five candidates)

Bachelor of Metallurgical Engineering

Robert William Armbruster.....	Worthington
Myron Allen Firman, Jr.....	Columbus
Larry Eugene Gardner.....	Worthington
Glenn Willard George, Jr.....	Jamestown
Craig Forsythe Landefeld.....	Massillon
Mark Lee Miller.....	Springfield
Joe Howard Payer.....	Wickliffe
Michael Lee Rich.....	Cleveland
John Roger Swartz.....	Bellefontaine
Benjamin Lee Wright.....	Galena

(Ten candidates)

Bachelor of Engineering in Mining

Douglas MacArthur Dwosh.....	Cleveland Heights
Robert Clive McGuire.....	Cleveland
Jeffrey Lee Swank.....	Shelby

(Three candidates)

Bachelor of Science in Physics

Jan Edward Adams.....	Oak Harbor
James Harris Constable (cum laude).....	Dayton
Raymond Lee Kidner.....	Columbus
Roger Dean Ober.....	Springfield
John Norman Olsen (summa cum laude).....	Dayton
Glenn Edward Thobe.....	Cincinnati
* Arthur Howard Thompson.....	Columbus

(Seven candidates)

* Two degrees

Bachelor of Welding Engineering

Harvey Robert Castner.....	Columbus
Edwin David Chambers.....	Columbus
Nathaniel Lewis Clark.....	Pittsburgh, Pa.
James Elton Fisher.....	Cleveland
Theron LeDure Hatch, Jr.....	Worthington
Gerald Wayne Legue.....	Columbus
Steve Alex Mack.....	Fairport Harbor
James Albert McMaster.....	Columbus
Gordon Bruce Mendelson.....	Allison Park, Pa.
Theodore Michael Mosko.....	Cleveland
Donald Charles Perry.....	Cincinnati
Jeffrey Wayne Post.....	Medina
Phillip Marvin Schmidt.....	Geneva

(Thirteen candidates)

School of Architecture and Landscape Architecture

Bachelor of Architecture

Henry Stephenson Abbot.....	Columbus
David George Bodenbender.....	Bellefontaine
Thomas Warren Casey.....	Denton, Tex.
Chung-Shong Chuang.....	Taipei, Taiwan, China
Martin Edward Crahan.....	Gnadenhutten
William Lee Everhart.....	Charleston, W. Va.
Ann Scanlon Flaherty.....	Columbus
Michael Henry Frawley.....	The Bronx, N. Y.
David Warner Fritsche.....	Columbus
Frank Steven Gerlak.....	Westlake
Fredric Arthur Goodman.....	Circleville
Henry Lee Hiner.....	Perrysville
John Gould Hoyt.....	Columbus
Thomas Lee Kerns.....	Dayton
Homer Ray McKnight.....	Columbus
Gene Roger Milhoan.....	Worthington
Jonathan Lee Moore.....	Norwalk
Thomas Geoffrey Mosher.....	Cuyahoga Falls
Frank Alexander Norcross, Jr.....	Rocky River
George Edward Parker, Jr.....	Columbus
Richard Dale Pritts, B.A. (College of William and Mary) ..	Canonsburg, Pa.
James Thomas Rector.....	Columbus
Martin Gerard Santini.....	West Trenton, N. J.
Gary Alan Schaefer.....	Fairview Park
Judith Rae Solomon.....	Youngstown
John Lloyd Sparks, Jr.....	Toledo
Tatiana Tenson.....	Bellaire
Douglas Emerson Weatherby.....	Columbus

(Twenty-eight candidates)

Bachelor of Landscape Architecture

John Harold Deeth.....	Columbus
Mart Kibena.....	Latrobe, Pa.
Robert Douglas McClain.....	North Lima
Thomas Joseph Nieman.....	Cincinnati

(Four candidates)

College of Law

Dean: *Ivan C. Rutledge*

Juris Doctor

John Harper Bain, B.A. (Muskingum College).....New Concord
James Waugh Bowers, B.Ch.E., M.Sc.....Solon
Martin Adolphus Coyle, Jr., B.A. (Ohio Wesleyan University)...Hamilton
Lawrence Robert Elleman, B.Sc. in Agr.....Eaton
John Albert Humbach, A.B. (Miami University).....Hamilton
Michael David Saad, B.Sc. in Bus.Adm.....Zanesville
John Gordon Slauson, B.Sc. in Bus.Adm.....Columbus
John Parks Wingard, B.Sc.....Fremont

(Eight candidates)

Bachelor of Laws

Craig Adams Allen, A.B. (Denison University).....Ironton
David George Arnold, B.A.....South Euclid
Ross Edwin Austin, B.C.E.....Bowling Green
Robert Park Banta, Jr., B.A.....Columbus
Paul Angelo Bernardini, B.S. (Saint Louis University).....Springfield
Howard Russell Besser, B.A.....Cleveland Heights
Fielding Gaar Braffett, B.S. in Bus. (Miami University).....Columbus
Thomas Allen Brennan, B.A.....Cincinnati
Robert William Briggs, A.B. (Duke University).....Wooster
Richard John Chernesky, B.A.....Cleveland
Suzanne Cherrington, B.A.....Gallipolis
Dominic James Chieffo, B.B.A. (Ohio University).....Niles
John Aloysius Connor, B.S. (Mount Saint Mary's College).....Columbus
James Francis Csank, B.S. in S.S. (John Carroll University)....Cleveland
Nicholas Gerald DiCuccio, B.A. (University of Notre Dame).....Euclid
Byrle William Dunlap, B.A.....Columbus
Philip Lee Eyerman, B.A.....Worthington
George Nicholas Fell, B.A. (University of Notre Dame).....Toledo
Frank Henry Foster III, B.E.E.....Toledo
Gary Bruce Garson, B.Sc. in Bus.Adm.....University Heights
David Raymond George, B.S. in Bus.Adm. (John Carroll University)

Akron
Michael Harvey Gertner, B.A.....Columbus
Larry Gene Gettinger, B.Sc. in Edu.....Greenville
William Alan Goldman, B.Sc. in Bus.Adm.....Columbus
David Lee Grayson, A.B. (Miami University).....Celina
William Alban Greene, A.B. (Denison University).....Columbus
Leo Craig Hallows, B.A.....Bay Village
Charles Henderson Hire, A.B. (Denison University).....Washington C. H.
Thomas Henry Hisrich, B.S. in B.A. (Kent State University).....Dover
Richard Allan Kahler, B.A. (Kent State University).....Republic
Russell Herbert Kear, Jr., B.M.E.....Upper Sandusky
James Edward Kline, B.S. in S.S. (John Carroll University)....Fremont
Richard Lee Lancione, B.Sc. in Bus.Adm.....Bellaire
Martin Lauer, B.S. in S.S. (John Carroll University).....Oregon
Ronald Lawrence, A.B. (Miami University).....Middletown
John Maurice Leahy, B.S. in S.S. (John Carroll University).....Tiffin
Thomas John Lombardi, B.S. in S.S. (John Carroll University)....Canton

Frank Irvin Loomis, B.A. (Kent State University) Kent
 Neal Hall Magee II, B.Sc. in Bus.Adm. Columbus
 Victor Russell Marsh, Jr., B.A. (University of Colorado) . New Philadelphia
 Edward Anthony Matto, B.Sc. in Bus.Adm. Toronto
 Randolph McCarthy, Jr., B.B.A. (Saint John's University, Jamaica,
 New York) Kalamazoo, Mich.
 James William McCord, B.Sc. in Bus.Adm. Worthington
 Edward Vaughn Miller, B.A. (College of Steubenville) Steubenville
 Joel Harvey Mirman, B.B.A. (Ohio University) Columbus
 Edward Bennett Neuman, B.A. (Kent State University) Columbus
 David Oliver Niehoff, B.A. (Ohio Wesleyan University) Columbus
 John Walter Noecker, B.Sc. in Agr. Ashville
 David Leonard Odom, B.S. in Bus.Adm. (Bowling Green State
 University) Vermilion
 Ronald Craig Parsons, B.S. (Pennsylvania State University)
 New Kensington, Pa.
 David Lawrence Pemberton, B.A. Toledo
 Paul Richard Peterson, B.S. in Ind.Mgt. (Purdue University)
 Chagrin Falls
 Paul Edward Pfeifer, B.A. Bucyrus
 Donald Gordon Rose, B.Sc. Columbus
 Robert Alan Rothman, B.Sc. in Bus.Adm. University Heights
 Kevin Michael Ryan, B.A. Dayton
 Phillip Dale Schandel, B.S. in S.S. (John Carroll University) Canton
 Gerald Eugene Schmenk, A.B. (University of Dayton) Ottawa
 Dean Berne Schulman, B.A. Akron
 Thomas Jan Short, B.S. in Bus.Adm. (Bowling Green State University)
 Napoleon
 Bruce Llewelyn Smith, B.A. Maumee
 I. MacAlpine Smith, B.A. (Northwestern University) Bellefontaine
 Thomas John Smith, B.B.A. (Ohio University) Avon
 Keith Alan Sommer, B.S. in Bus.Adm. (Bowling Green State University)
 Martins Ferry
 Beatrice Kronick Sowald, B.A. Columbus
 Hugh James Stevenson, A.B. (Georgetown University) .. Birmingham, Mich.
 William Glen Stewart, B.Sc. in Bus.Adm. Columbus
 Daniel Patrick Thomas, B.Sc. in Bus.Adm. Youngstown
 James Marshall Tuschman, B.S. in Bus. (Miami University) Toledo
 Richard Lawrence Walker, A.B. (Marietta College) Columbus
 James Leland Walters, B.Sc. in Bus.Adm. Columbus
 William Richard Walton, B.Sc. in Bus.Adm. Ironton
 William Vernon Walton III, B.A. Columbus
 John Gary Warner, B.A. Dayton
 Charles Winton Waterfield, A.B. (Baldwin-Wallace College) Sandusky
 David Jay Zendell, B.A. Paterson, N. J.
 Salvatore Anthony Zingale, B.A. Maple Heights

(Seventy-seven candidates)

College of Medicine

Dean: *Richard L. Meiling*

Doctor of Medicine

Joseph Andrew Abram, Jr., A.B. (Miami University)	Avon Lake
Robert Nelson Agee, B.S. in Edu. (Bowling Green State University)	
	Lindsey
Errol Rowan Alden, B.Sc. in Nutrition	Wilmington
Robert Wilson Almoney, Jr., B.Sc.	Dayton
Carl Frederick Asseff, B.A.	Euclid
Thomas William Atkin, B.S. (Ohio University)	Lancaster
James Nicholson Baird, Jr., B.Sc. (cum laude)	Columbus
Robert Marcus Baldwin, B.S.Pharm. (University of Toledo); M.Sc.	
	Bellevue
Ralph Richard Ballenger, B.S. (Heidelberg College)	Cleveland
Marvin Ivan Berkman, B.Sc.	Canton
Stephen Ross Bernie, A.B. (Miami University)	Dayton
Jerry Armand Biggs, B.Sc.	Portsmouth
Everett Arthur Bolz, B.A.	Columbus
Roy Roman Bontrager, B.Sc.	Beach City
*David Samuel Brandt (cum laude)	Columbus
Donald Lewis Brown, B.S. (Providence College, Rhode Island)	
	Worthington
Gerald Stephen Buerk, B.S. in Bus. (Miami University)	Columbus
John Richard Burg, B.S. (Ohio University)	Painesville
Robert Michael Cain, B.S. (College of The Holy Cross)	Westlake
David Alan Capen, B.S. (Bethany College, West Virginia)	Steubenville
Kathryn Pearce Clausen, B.A. (cum laude)	Dayton
James Francis Clements, B.Sc., M.Sc.	Tiffin
Elson Leroy Craig, B.Sc., M.Sc.	Columbus
Edwin Brayton Davis, B.A.	Carey
Edward Douglas DeHaas, B.A. (Youngstown University)	Youngstown
David Winston Doner, Jr., B.A. (cum laude)	Chillicothe
*Jerry Coleman Doss	Columbus
Charles Michael Downey, A.B. (Miami University)	Sidney
Alex Raymond Dubin	Dayton
Martha Evelyn Early, B.A. (Manchester College)	Bellefontaine
Frederick William Ernst, A.B. (University of Michigan)	Cleveland
John Joseph Falko, B.A. (Ohio Wesleyan University)	Cleveland
Edward Judah Fine, A.B. (Ohio University)	Cincinnati
Stuart Fisher, B.S. (University of Akron)	Akron
Mary Elizabeth Fontana, B.A. (summa cum laude)	Columbus
Walter Edmond George, B.S. (Bowling Green State University)	
	Mt. Blanchard
Steven Charles Gibbs, A.B. (Oberlin College)	Cuyahoga Falls
Kenneth Allan Gluck, B.S. (Bowling Green State University)	
	Cuyahoga Falls
Susan Russ Guarnieri, B.S. (College of Saint Mary of the Springs)	
	Youngstown
Roger Dean Haring, B.A.	Mansfield
Albert Joseph Hart, Jr., B.S. (John Carroll University)	Cleveland
Richard Ivan Hayes, B.S. (University of Akron)	Akron

* Two degrees

Wesley Wayne Hiser, B.Sc. Ludlow Falls
 Richard Thomas Hoback, A.B. (Ohio Northern University) Newark
 Joel Denton Hollingshead, B.A. (Manchester College) Brookville
 John Kenneth Huentelman, B.S. (University of Dayton) Hamilton
 Terry Griffith Hunt, A.B. (Miami University) Mt. Gilead
 Frank Edward Isabelle, B.S. (University of Notre Dame) Canton
 Bohdan John Jarem (cum laude) Lima
 George Vaughn Johnson, B.Sc. Portsmouth
 Jerome Frederick Johnson, B.A. Rocky River
 Paul Lee Jones, B.Sc. Greenville
 Charles Edward Jordan, B.S. (Ohio University) Xenia
 Jerry H. Kaye, B.S. (University of Akron) Akron
 Deloris Irene Kline, B.A. (Kent State University) Kent
 Frederick Nellis Klippert, B.S. (Mount Union College) Minerva
 Douglas Reid Knight, B.S. (Otterbein College) Columbus
 *John Alfred Knudson Lorain
 Dexter Donald Koons, B.A. (Kent State University) Akron
 Ruskin Billings Lawyer, Jr., B.Sc. (cum laude) Columbus
 Michael Richard Lemert, A.B. (Miami University) (cum laude) .. Cincinnati
 Robert Lewis Levitin, B.A. Youngstown
 Robert Carl Lister, B.Sc. Marion
 John Mark Lowenbergh, A.B. (Miami University) New Knoxville
 Laura Wierwille Lowenbergh, A.B. (Miami University) Wapakoneta
 John Emanuel Markis, B.A. (cum laude) Martins Ferry
 Thomas Richard Martin, B.S. (University of Notre Dame) .. Sarasota, Fla.
 William Frederic Maurer, B.Sc. Middletown
 Dennis James McCarthy, B.Sc. Cincinnati
 Frank Scott McCullough, B.S. (Baldwin-Wallace College)
 London, Ont., Canada
 Lynne Stover McCullough, B.A. East Liverpool
 James Thomas McMahon, B.S. (University of Akron) Akron
 Donald Merz, B.A. Columbus
 Brooks Allen Mick, B.A. Savannah
 William Freer Milam, Jr., B.Sc. Wintersville
 Carole Ann Miller, B.A. Columbus
 James Douglas Morris, B.Sc. Columbus
 Judith Kidd Morton, B.A. (Hastings College, Nebraska) .. Englewood, Colo.
 Lawrence Edward Morton, B.I.E. Columbus
 William Kinsey Neeld, B.S. (University of Dayton) Xenia
 James Alan Neidhart, B.S. (Mount Union College) Newton Falls
 Thomas Andrew Nims, B.A. (Ohio Wesleyan University) Troy
 Judith Weiss Northrup, B.A. Cleveland
 Joseph Howard Nussbaum, B.S. (Bowling Green State University) .. Galion
 Paul Bernard Oppenheimer, B.Sc. Columbus
 Stuart Oppenheimer, B.A. (summa cum laude) Columbus
 Anthony Michael Parillo, B.Sc. Girard
 James Morgan Parker, B.S. (Capital University) Columbus
 Emil Richard Pinta, A.B. (Western Reserve University) Columbus
 Lewis Eugene Plummer, Jr., B.A. Columbus
 Gary Alan Podolny, B.S. (University of Akron) Akron
 Edward Stephen Porubsky, B.S. (John Carroll University) Cleveland
 Michael Stephen Ravitch, A.B. (Western Reserve University) .. Wellington
 John Delmar Reed, B.Sc. Belle Center
 Thomas Samuel Renshaw, B.Sc. Columbus
 Paul Carrington Robinson, Jr., B.Sc. Columbus

* Two degrees

Roy Steele Rogers III, A.B. (Denison University) (cum laude) .. Hillsboro
 James Robert Rothe, B.S. (Bowling Green State University) Bowling Green
 Max Wilhelm Karl Rothmund, B.Sc. Orient
 Lewis Foster Sandel, B.Sc. Columbus
 George Pease Schanz, B.Sc. Richmond
 Joseph Schlonsky, B.A. Columbus
 Ivan Lee Shapiro, A.B. (Miami University) Cincinnati
 Nolan Daniel Shipman, A.B. (Asbury College, Kentucky) Chillicothe
 James Robert Skow, A.B. (Oberlin College) Toledo
 Firth Samuel Spiegel, B.S. (Washington and Lee University)

University Heights

David Allen Spott, B.S. (University of Pittsburgh) Cleveland
 Gary Scott Staples, B.S. (Baldwin-Wallace College) New London
 Harvey Thomas Staton, A.B. (Denison University) Kettering
 Ezra Steiger, B.A. University Heights
 Stewart Frederick Stock, B.Sc. Pataskala
 Robert Allen Struble, B.A. (Ohio Wesleyan University) Bucyrus
 Stephen James Sveda, B.Sc. Ravenna
 John Paige Taggart, B.S. (Ohio Northern University) Canton
 Robert William Tom, B.Sc. Berlin Heights
 Richard Haggerty Turner, B.Sc. in Bus. Adm. Columbus
 Louis John Unverferth, B.S. (University of Dayton) Dayton
 Anne Hanna Vogt, B.Sc. (cum laude) Columbus
 Albert Louis Waldman, B.Sc. Cleveland
 Lester Eugene Webb, B.A. Solon
 Alan Neal Weiss, B.A. (cum laude) Columbus
 Charles Joseph Wine, B.S.M.E. (Duke University) Dayton
 Genevieve Meloni Wittenauer, B.A. (Kent State University) ... Farmdale
 Joseph Wilbur Woods, A.B. (Marietta College) Harrisville
 Myron Robert Yakely, B.S. (Otterbein College) Sugar Creek
 James Vern Zelch, A.B. (Miami University) Louisville
 Margaret Groth Zelch, A.B. (Miami University) Bay Village
 Robert Eugene Zipf, Jr., B.A. (DePauw University) Kettering

(One hundred and twenty-eight candidates)

Bachelor of Science in Medical Dietetics

Linda Chisler Blashfield. Pittsburgh, Pa.
 Barbara Kaye Boles. Dayton
 Mary Alice Brown. Hillsboro
 Susan Lynn Davis. Magnolia
 Judith Whitney Feeman. West Mansfield
 Judith Ann Livengood. Williamsburg
 Mary Kathryn Nichols. Chillicothe
 Nancy Jean Robson. East Liberty
 Marilyn Kay Warner. Fredericktown
 Jeanette Lucille White. Mt. Victory

(Ten candidates)

Bachelor of Science in Occupational Therapy

Mary Ann Shoop, B.Sc. in Bus. Adm. Columbus
 Martha Geiser Tatham (cum laude) Hamilton

(Two candidates)

School of Nursing

Bachelor of Science in Nursing

Nancy May Bagley.....	Jefferson
Cynthia Kay Baker (summa cum laude).....	Xenia
Sandra Ann Baumberger.....	Steubenville
Anne Marie Beegan.....	Cleveland
Ann Wacker Beroth.....	Mt. Vernon
Mary Jane Bradley.....	Parkersburg, W. Va.
Carolyn Sue Bridges.....	Franklin
Linda Marie Carlton.....	Cuyahoga Falls
Elizabeth Ann Case.....	Dayton
Janet Henderson Chaffin.....	Parma
Barbara Nichols Clark.....	Canton
Karen Haueisen Clark.....	Columbus
Karen Anne Clough.....	Cleveland
Sharon Lee Clough.....	Cleveland
Carol Marie Colwell.....	Wheaton, Ill.
Constance Louise Conklin.....	Hilliard
Anne Mildred Connolly.....	Parkview
Martha Wilgus Davidson.....	Vandalia
Nancy Suzanne Davis.....	Columbia Station
Elizabeth Ann Dawson.....	Columbus
Carol Louise Dayson.....	Medina
Sandra Lee Deaven.....	Brookville
Janet Ann Delguidice.....	Girard
Evelyn Mae Dewalt.....	Massillon
Billie Colleen Doak.....	Findlay
Mary Ann Stocker Dobras.....	Lorain
Karen Jane Domer.....	Baltic
Marcia Helen Domer.....	Dover
Joan Lee Doyle.....	Greenfield
Phyllis Dalling Endicott.....	Millbury
Sandra Lee Erlenbusch.....	Columbus
Miriam Estreicher.....	South Euclid
Sara Lynne Faulder.....	Orrville
Jean Ann Flack.....	Wooster
Frances Talmadge Fleming.....	Youngstown
Linda Kaye Fodor.....	Medina
Margaret Westerman Foley.....	Kettering
Margie Lynne George.....	Carrollton
Marsha Jeanne Giles.....	Parkman
Carolyn Ann Griebing.....	Lakewood
Sandra Jane Hahn.....	Middleburg Heights
Joan Elaine Hedges.....	Hillsboro
Dianne Louise Heffelfinger.....	Youngstown
Nancy Carole Iams.....	Celina
Linda Ader Iimura.....	Terrace Park
Linda Lou Jeffis.....	Barberton
Margaret Irene Jewell.....	Wooster
Patricia Connell Karlovec.....	Cleveland
Ella Massaro Kick.....	Wooster
Sharon Kozsuch Klein.....	St. Clairsville
Glenn Beryl Knepper.....	Findlay
Carol Ann Krohn.....	Hilliard

Carla Rothschild Kuhn.....Springville, N. Y.
 Charleen Frances Lederle.....Lisbon
 Jeanne Marie Lemire.....Pierpont
 Cheryl Diane Leslie.....Columbus
 Katherine Anne Lien.....Columbus
 Cheryl Lynne Logan.....Lima
 Margaret Lois MacLaren.....Pittsburgh, Pa.
 Mary Louise Macnamara.....Dayton
 Judith Stelzner MacQueen (cum laude).....Coshocton
 Elizabeth Anne Martin.....Genoa
 Shirley Alice Mealey.....Gallipolis
 JoAnn Mary Miller.....Lakewood
 Sandra Lee Miller.....Lima
 Barbara Ann Munger.....Niagara Falls, N. Y.
 Donna Jean Myers.....Massillon
 Sara Lynn Newhouse.....Wooster
 Helen Frances Nungesser.....Galion
 Nancy Oyler.....West Carrollton
 Dorothy Campbell Perin.....Parma
 Judith McClymonds Pickett.....Girard
 Charlotte Ann Plough.....Marion
 Suzanne Kay Preidis.....Columbus
 Kathryn Mae Preston.....Carrollton
 Diana Kay Purdy.....Cincinnati
 Elaine Kay Reed.....Malinta
 Karen Marie Rosenberry.....Columbus
 Lura Ann Ross.....Greenville
 Doris Kay Rupert.....New Waterford
 Susan Marion Sander.....Springfield
 Sally Lou Sarver.....Wickliffe
 Erma Florence Sidwell.....Columbiana
 Barbara Jane Sikora (cum laude).....Canton
 Lynn Ellen Silversteen.....Sheffield Lake
 Donna Soppelsa Simmons.....Parma Heights
 Sandra Lou Smith.....West Liberty
 Terry Donahue Smith.....Steubenville
 Janina Ann Smoke.....Tiffin
 Suzanne Myers Smucker.....Lodi
 Sara Jean Summers.....Cleveland
 Patricia Kay Tangenberg.....Cuyahoga Falls
 Janet Lynn Thomas.....Massillon
 Kathy Vandebark Thompson.....Zanesville
 Rosalind Lucille Turner (cum laude).....Centerville
 Betty Lou Ulbrich.....Athens
 Sallie Marie Uppier.....Cleveland
 Judith Lautzenheiser Urban.....Louisville
 Joyce Avis Wicklund.....Toledo
 Nannette Nussbaum Wilson.....New Philadelphia
 Fern Ellen Yoder (cum laude).....Alliance

(One hundred and one candidates)

College of Pharmacy

Dean: Lloyd M. Parks

Bachelor of Science in Pharmacy

James Robert Armstrong.....	Utica
Sidney Owen Arnson.....	Cleveland Heights
James Douglas Barker.....	Akron
Eleanor Barstow, B.S. (Ohio University).....	Athens
Ronald Lee Berman.....	Columbus
Barbara Ann Blackmore.....	Columbus
Renate Bleckmann (cum laude).....	Columbus
Roger Douglas Braun.....	Middlefield
William Elbert Brown.....	Columbus
Duncan Campbell.....	Cleveland
David Hersh Canowitz, B.Sc.....	Columbus
Albert Andrew Cook.....	Columbus
Richard John Costic.....	Newton Falls
Timothy Lou Donerkiel.....	Lorain
Erik Edward Emmert.....	Kettering
Jon J. Fauley.....	Roseville
Robert Joseph Ferreri, B.S. (Youngstown University).....	Youngstown
William David Finefrock.....	Massillon
James Aubry Garbe.....	Columbus
Jerome Howard Geier.....	Struthers
Robert Wilbur Green, Jr.....	Dayton
James Richard Hazelett.....	Tallmadge
Charles Richard Hutchinson.....	Medway
Charles Morgan Jones.....	Columbus
Joseph Jay Kappus.....	Lakewood
Allen Ray Keller.....	Blacklick
John Alan Knox.....	Columbus
William Gerald Leiby.....	Pottsville, Pa.
Joseph Carl Lestini.....	Bellaire
Charles Richard Mackenzie.....	Westerville
Johanna Louise Marasovich.....	Donora, Pa.
Bennett Joel Menks, A.B. (Miami University).....	Cleveland
James Robert Morris.....	Harrisville
Gordon Frank Myers.....	Akron
Gary Douglas Osborn.....	Montpelier
David William Purdy.....	Columbus
William Stephen Renner.....	Hilliard
Harry Edwin Secrest, B.Sc.....	Columbus
Sue Kirkbride Shupe.....	Columbus
Everett Leroy Smith.....	Willard
Gerard Augustine Stock, Jr. (cum laude).....	North Canton
Richard Albert Stoudt.....	Columbus
Robert Hudson Tidwell.....	Columbus
Jacquita Grimes Walker.....	Columbus
Michael Allan Weiner.....	Columbus
Beverly Greene Weston.....	Columbus
Robert John Zapko.....	Youngstown

(Forty-seven candidates)

College of Veterinary Medicine

Dean: *Walter R. Krill*

Doctor of Veterinary Medicine

Thomas Stephen Albers.....	Chickasaw
* Neil Eugene Augenstein.....	Fairborn
Lois Brant Baker, B.S. in Med.Tech. (University of Akron).....	Mogadore
* Robert Lynn Benner (cum laude).....	Mt. Cory
John Calvin Bensenhaver, B.S. in Agr. (West Virginia University) (cum laude).....	Petersburg, W. Va.
Richard F. Bing.....	Sandusky
Fred Frank Birk.....	Euclid
Richard Howard Bohning, Jr., B.Sc. in Agr.....	Columbus
Ronald Max Bright.....	Beverly
Thomas Alva Buckley, B.S. in Agr. (West Virginia University) White Sulphur Springs, W. Va.	
William Bruce Butler.....	Columbus
Robert Adolph Candon.....	Euclid
Richard Hale Cardy.....	North Canton
Ronald Curtis Chatfield.....	Columbus
William Robert Clark.....	Southington
William Fred Coates.....	North Lewisburg
Joseph Mont Cummins, Jr.....	Bellefontaine
Gary Warren Davis (cum laude).....	Highland
Donald George Denton.....	West Jefferson
Jon Harvey Ellis, A.B. (Wilmington College).....	Xenia
Phillip Lee Fields.....	Cedarville
Reuben David Glauer.....	Crestline
Don Ray Greenamyer.....	Salem
William Robert Haagenson.....	Northport, N. Y.
Thomas Neil Haverfield, B.Sc. in Agr.....	Steubenville
William Michael Hockman, B.Sc. in Agr.....	Canal Winchester
* Glen Frederick Hoffsis (cum laude).....	Bucyrus
Maureen Schnee Hunter.....	Collins
Lawrence Allen Julius.....	Cleveland
John William Kantzer, B.Sc. in Agr.....	Marion
Michael Lloyd Kaplan, B.S. in Phar. (Fordham University) New Rochelle, N. Y.	
John Terrance Kavanaugh, B.Sc. in Agr.....	Columbus
Norman Walter Knispel, B.Sc. in Agr.....	Amherst
John Lynn Kroh.....	Mentor
Frederick William Labavitch.....	Cincinnati
Bruce Ivan Landis.....	Wooster
Richard Arthur Langford, B.S. in E.E. (Tennessee Polytechnic Institute) Cantor	
Edward Barnet Leeds.....	Cedarhurst, N. Y.
John Bruce Limehouse.....	Cincinnati
Alan Jay Lipowitz.....	Fair Lawn, N. J.
Douglas Gordon Lucke.....	Cincinnati
Gerald David Mast, B.Sc. in Agr.....	Wooster
Robert Kent Matthews.....	Canton
Edward Morgan McFarlan.....	Cadiz
Ronald Lee McNutt.....	Dunkirk

* Two degrees

Irving Lee McPhail, B.Sc. in Agr.....Gambier
 Maridelle Hermes Mehling.....New Carlisle
 William Marshall Mewborn.....Toledo
 Gary Eugene Nash.....Marion
 Donald Lester Noah, B.Sc. in Agr.....Scio
 Mark Eugene Place.....Springfield
 George James Pucak.....Hubbard
 Jay Kline Richardson.....Ravenna
 Joseph Edward Rieger.....Napoleon
 * Robert Willison Ritchey.....Dennison
 Ronald George Rohr.....Columbus
 Eberhard Rosin.....Lakewood
 *Charles Richard Scott.....Plain City
 Gary Wayne Shidaker.....Worthington
 John Francis Sifferlin.....Shelby
 David Thomas Smith.....Lima
 Robert Charles Smith, B.Sc. in Agr.....Columbus
 Barbara Sydney Stein, B.Sc. in Agr.....Lincolnwood, Ill.
 Steven Edgar Stevenson.....Jackson
 John Cline Stover.....Kettering
 Paul A. Stull.....Jackson
 Jack Phillip Swagler, B.S. (Baldwin-Wallace College).....Seville
 * William Duncan Swartz.....Ashland
 Timothy Edward Tillman.....Bellefontaine
 Donald Eugene Van Vlerah.....Defiance
 Charles Edward Wallace.....Oberlin
 Michael Anthony Yacapraro.....Wooster

(Seventy-two candidates)

* Two degrees

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