

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

.

COLUMBUS

July 1, 1985 to June 30, 1986

1985-1986

T H E O H I O S T A T E U N I V E R S I T Y

Edward H. Jennings, President

BOARD OF TRUSTEES

	Term Beginning	Term Expiring
John F. Havens, Delaware	May 14, 1977	May 13, 1986
Daniel M. Galbreath, Columbus	May 14, 1978	May 13, 1987
Edmund C. Redman, Columbus	May 14, 1979	May 13, 1988
Leonard J. Immke, Columbus	May 14, 1980	May 13, 1989
John W. Berry, Dayton	May 14, 1981	May 13, 1990
Shirley D. Bowser, Williamsport	May 14, 1982	May 13, 1991
Hamilton J. Teaforde, Columbus	May 14, 1983	May 13, 1992
John J. Barone, Toledo	May 14, 1984	May 13, 1993
Deborah E. Casto, Columbus	May 14, 1985	May 13, 1994
John W. Kessler, Columbus	May 14, 1986	May 13, 1995

OFFICERS

John F. Havens, Chairman
Daniel M. Galbreath, Vice Chairman
Madison H. Scott, Secretary
James Lee Nichols, Treasurer

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

Columbus, Ohio, July 12, 1985

The Board of Trustees met at its regular monthly meeting on Friday, July 12, 1985, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

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Minutes of the last meeting were approved.

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July 12, 1985 meeting, Board of Trustees

The Vice Chairman, Mr. Galbreath, called the meeting of the Board of Trustees to order on July 11, 1985, at 6:35 p.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: Daniel M. Galbreath, Leonard J. Immke, John W. Berry, Shirley D. Bowser, Hamilton J. Teaford, John J. Barone, and Deborah E. Casto.

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Mr. Havens reconvened the meeting on July 12, 1985, at 10:05 a.m.

Present: John F. Havens, Chairman, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, Hamilton J. Teaford, John J. Barone, and Deborah E. Casto.

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NEW DEGREE PROGRAM

Resolution No. 86-1

Synopsis: The establishment of a Bachelor of Science degree with an Economics major in the Colleges of the Arts and Sciences is proposed.

WHEREAS the Department of Economics, the College of Social and Behavioral Sciences and the Colleges of the Arts and Sciences have approved extending the Bachelor of Science degree option with a major in Economics to students in the Colleges of the Arts and Sciences; and

WHEREAS currently the Bachelor of Science degree with a major in Economics is offered through the College of Administrative Science, and the Bachelor of Arts degree with an Economics major is offered through the Colleges of the Arts and Sciences; and

WHEREAS this proposal requires no significant shifts in resources or time commitments; and

WHEREAS the Bachelor of Science degree with an Economics major better prepares students for graduate programs in Economics, and is designed for persons who wish to pursue careers in Economics or related fields in which mathematical and statistical training are essential; and

WHEREAS the existing Bachelor of Arts degree will continue to be offered for students who wish to pursue careers with less specialized requirements; and

WHEREAS the Bachelor of Science degree designation better summarizes the educational background of students pursuing the quantitative route; and

WHEREAS there is strong student support:

NOW THEREFORE

NEW DEGREE PROGRAM (contd)

BE IT RESOLVED, That the University Senate has approved the offering of the Bachelor of Science degree with an Economics major to students in the Colleges of the Arts and Sciences, and respectfully requests concurrence by the Board of Trustees.

Upon motion of Mrs. Bowser, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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RENAMING OF DEPARTMENT

Resolution No. 86-2

Synopsis: A proposal to change the name of the Department of Home Management and Housing to the Department of Family Resource Management is recommended.

WHEREAS the proposed name change of the Department of Home Management and Housing to the Department of Family Resource Management has the unanimous support of the Department, and the support of the College of Home Economics; and

WHEREAS Deans and departmental chairpersons have been notified of the proposed name change, and no objections have been raised; and

WHEREAS the Department of Home Management and Housing has undergone substantial changes in program thrusts, enrollment patterns and faculty expertise, the current Departmental name is no longer descriptive; and

WHEREAS the proposed name accurately reflects the curricula, research and public service emphases of the Department, and reflects a growing emphasis on integrating consumer/family economics and home management; and

WHEREAS the current name has proved confusing both on and off-campus, and the proposed name will help communicate to the public and potential students the scope of Departmental programs:

NOW THEREFORE

BE IT RESOLVED, That the University Senate has approved the name change of the Department of Home Management and Housing to the Department of Family Resource Management, and respectfully requests concurrence by the Board of Trustees.

Upon motion of Mr. Teaford, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY

Resolution No. 86-3

Synopsis: Amendments to the Bylaws of the Board of Trustees (3335-1-05) and Rules of the University Faculty (3335-3-27, 3335-3-31, 3335-3-37, 3335-5-29, 3335-5-30, 3335-5-31, 3335-5-32, 3335-5-33, 3335-5-34, 3335-5-35, 3335-5-36, 3335-5-48, 3335-5-50, 3335-9-04, 3335-9-29, 3335-9-31, 3335-9-321) are proposed.

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to the Bylaws of the Board of Trustees and Rules of the University Faculty as approved by the University Senate; and

WHEREAS the proposed changes in the Bylaws of the Board of Trustees and Rules of the University Faculty were approved by the University Senate on June 8, 1985, as follows:

BYLAW

3335-1-05 University organization.

- (G) Graduate school; organization. The graduate school shall consist of: those members of the university faculty who are approved to give graduate instruction; a graduate faculty; the council on research and graduate studies; and an administration composed of a curriculum committee, an executive committee, the dean, the secretary and such other administrative officers as are appointed pursuant to paragraph (H) of this rule.

RULES

3335-3-27 Organization of the graduate school.

The graduate school shall consist of: those members of the university faculty who are approved to give graduate instruction; a graduate faculty as defined in rule 3335-5-29 of the Administrative Code; a council on research and graduate studies as created by rule 3335-5-32 of the Administrative Code; and an administration composed of a curriculum committee as created by rule 3335-5-36 of the Administrative Code, an executive committee as created by rule 3335-5-36 of the Administrative Code, the dean of the graduate school, an associate or assistant dean or deans, and a secretary.

3335-3-31 Dean of the graduate school.

- (A) There shall be a dean of the graduate school who shall be the administrative head of the graduate school. The dean shall be appointed by the board of trustees upon nomination of the president. Before making a nomination, the president shall confer with the council on research and graduate studies.

AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY (contd)

- (B) The dean of the graduate school shall have the same general responsibilities and authorities that pertain to the deans of the several colleges. The dean shall also preside at the meetings of the council on research and graduate studies and of its executive committee, make recommendations to the council concerning all such matters as are of primary importance in the development of the graduate work of the university, and make recommendations to the vice president for academic affairs and provost concerning the budget of the graduate school to provide for the proper maintenance of the school and to assist in the development of graduate work and research programs.
- (1) The dean of the graduate school shall present candidates for graduate degrees to the president, serve as a member of the council of deans, and in general, be responsible for the progress of the educational policies and well-being of the school. The dean shall report to the appropriate member of the president's staff upon the condition and progress of the graduate school whenever called upon to do so.
- (2) When planning the annual budget, the dean of a college shall consult with the dean of the graduate school on appointments and promotions of faculty members offering graduate work or acting as advisers to graduate students (see rule 3335-3-29 of the Administrative Code). If at any time the dean of the graduate school believes that the status and contributions of such persons is not adequately reflected in rank or salary, the dean of the graduate school shall make representation of this belief to the dean of the appropriate college.
- (D) The dean is hereby granted all authority necessary to carry out the responsibilities of the dean of the graduate school.
- (E) The dean shall appoint all graduate school committees unless their membership has been designated by these faculty rules, the council on research and graduate studies, or the graduate faculty.
- (G) The usual method of communication between the dean of the graduate school and the president or the board of trustees shall be the same as for the deans of the colleges.

3335-3-37 Research institutes; establishment and administration.

Research institutes shall be established or abolished by the board of trustees upon recommendation of the council on research and graduate studies and university senate. Each research institute shall be administered by a board having such membership and authority as determined by the council on research and graduate studies (see rule 3335-5-35 of the Administrative Code) and approved by the university senate and the board of trustees. (B/T 12/5/58, B/T 9/8/61, B/T 11/9/67, B/T 2/4/72, B/T 7/12/85)

**AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY (contd)**

3335-5-29 Membership.

The regular members of the graduate faculty shall consist of those members of the university faculty who are approved by the executive committee of the council on research and graduate studies. Ex officio members of the graduate faculty are the vice president for research and graduate studies, the vice president for academic affairs and provost, the dean of the graduate school, the deans of the colleges, and the director of libraries.

3335-5-30 Powers and functions.

The graduate faculty shall have the following general powers and functions:

- (A) To elect all voting faculty members of the council on research and graduate studies in the manner prescribed by rule 3335-5-34 of the Administrative Code.
- (B) To initiate and to act upon any question affecting the policies of the graduate school or to request consideration and action by the council on research and graduate studies.
- (C) To approve, modify, or reverse any action of the council on research and graduate studies.
- (E) Perform the functions approved by the council on research and graduate studies.

3335-5-31 Meetings.

- (A) Meetings of the graduate faculty shall be called by the dean of the graduate school whenever so requested by ten per cent of the regular members of the graduate faculty or by a majority of the members present at any regular meeting of the council on research and graduate studies.

3335-5-32 Council on research and graduate studies.

There shall be established a council on research and graduate studies with the following powers and subject to the following limitations in rules 3335-5-33 to 3335-5-36 of the Administrative Code.

3335-5-33 Membership.

There shall be a council on research and graduate studies constituted as follows:

- (A) Chief administrative officer. The vice president for research and graduate studies shall serve as the chief administrative officer.
- (B) Chairperson. The dean of the graduate school shall chair the council on research and graduate studies.

AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY (contd)

- (C) Elected faculty members. Forty members of the graduate faculty, four elected by the regular members of the graduate faculty from each of the ten graduate areas: administrative sciences, agricultural sciences, the arts, biological sciences, education, engineering sciences, humanities, physical sciences and mathematics, professional biological sciences, and social and behavioral sciences.
- (D) Alternate faculty members. Each faculty member of the council is expected to attend its meetings regularly but alternate representatives shall be elected for each area in order to assure full attendance at meetings when elected faculty members are justifiably absent. When an elected member is off duty or unable to attend a meeting of the council, the member shall notify the secretary of the graduate school in advance of the meeting, giving the name of the alternate who will attend. The alternate shall then have the general powers and privileges in the council of the member represented.

Service as an alternate does not make the alternate ineligible for election to membership in the council the following year.

- (E) Student members. Twelve graduate students, one from each of the ten graduate areas, and two at large, shall be elected by the council of graduate students. These members shall serve terms of one year and shall be eligible for at most three consecutive terms.
- (F) Alternate student members. Each student member of the council is expected to attend its meetings regularly but an alternate representative shall be appointed for each member in order to assure full attendance at meetings when elected student members are justifiably absent. When a student member is unable to attend a meeting of the council, the member shall notify the secretary of the graduate school in advance of the meeting, giving the name of the alternate who will attend. The alternate shall then have the general powers and privileges in the council of the member represented.

3335-5-34 Election of faculty members.

- (B) Elections shall be administered and supervised by a council on research and graduate studies elections committee which shall be composed each year of the ten area members then retiring. This committee shall have power to make final rules on all matters not specifically covered by these rules. Elections shall be held in the spring quarter of each year for terms beginning with the following autumn quarter.

There shall be a council nominating committee in each area. The chairperson shall be the retiring member of the council representing that area. Members shall be the continuing members representing that area and the chairperson of the graduate studies committee for each department in that area. In the absence of a graduate studies committee, the department chairperson or designee shall serve. The committee shall make a minimum of four nominations, including nominations received by petition from any six or more members of the graduate faculty of the area

**AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY (contd)**

concerned. The elections committee shall prepare and mail the election ballot to each member of the graduate faculty. The election ballots shall be counted by that committee. The person or persons receiving the highest number of votes shall be elected to the vacancy or vacancies existing at the time of election. The person receiving the next highest number of votes shall be an alternate member for a term of two years.

3335-5-35 Powers and functions.

The council on research and graduate studies shall be the principal legislative body of the graduate school and, subject to modification or reversal by the graduate faculty, shall have the following powers and functions:

3335-5-36 Committees.

- (A) There shall be five standing committees: executive, curriculum, policy and standards, research, and graduate associate. The research committee will be chaired by the vice president for research and graduate studies, or designee. The other committees will be chaired by the dean of the graduate school, or designee.
- (B) The executive, curriculum, and policy and standards committees shall each consist of ten faculty members of the council on research and graduate studies, one from each graduate area, and three graduate students, all of whom are members of the council. The research committee shall consist of ten faculty members of the council, one from each graduate area, three graduate student members of the council, and six faculty appointed by the vice president for research and graduate studies and approved by the council. The appointees shall serve as voting members of the research committee. The graduate associate committee shall consist of eight graduate faculty members, two of whom are members of the council, and three graduate students.
- (C) Specific responsibilities, in addition to those assigned by the council on research and graduate studies, the vice president for research and graduate studies, or the dean of the graduate school, are as follows:
 - (1) The curriculum committee considers and acts on courses carrying graduate credit and considers and recommends to the council action on graduate degree programs.
 - (2) The policy and standards committee considers and recommends to the council policies and rules related to graduate education.
 - (3) The research committee considers and recommends to the vice president for research and graduate studies and to the council policies and rules related to research.
 - (4) The graduate associate committee considers and recommends to the council policies and rules related to graduate associates. (B/T 3/5/71, B/T 4/2/71, B/T 2/4/72, B/T 6/9/83, B/T 7/12/85)

AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY (contd)

3335-5-48 Council on academic affairs.

- (A) The council on academic affairs shall consist of fourteen members.
- (6) The vice president for academic affairs and provost, or designee, shall be the chairperson of the council. The vice chairperson of the council shall be elected for a one-year term from the faculty membership of the council. The chairperson (or when absent, the vice chairperson) shall preside at all meetings of the council. The chairperson shall vote only in case of a tie vote among members of the council present and voting, whereas the vice chairperson shall vote without such restriction, even though presiding.
- (C) (2) Receive from the graduate school, pursuant to the exercise of powers conferred upon the council on research and graduate studies by rule 3335-5-35 of the Administrative Code, its proposals for the adoption, alteration or abolition of graduate-credit courses and curricula, and of academic degrees administered by it (see rules 3335-7-02 to 3335-7-03 of the Administrative Code).

3335-5-50 Council on student affairs.

- (A) The council on student affairs shall consist of eighteen members as follows:
- (1) Eight students to be selected as follows:
- (a) The president of the undergraduate student government, or designee.
- (b) The president of the association of women students, or designee.
- (3) Three non-voting members appointed by the vice provost for student affairs: the dean of student life; a student affairs staff member from a regional campus; and a college office student affairs staff member. The non-voting members shall serve one-year terms, but shall be eligible for reappointment.
- (4) The vice provost for student affairs, or designee, shall be chairperson of the council and shall vote only in case of ties.
- (B) The vice provost for student affairs shall report as requested to the vice president for academic affairs and provost and to the university senate.
- (C) The council's legislative function shall be accomplished by the following:
- (1) Recommending to university senate any proposed changes in the "code of student conduct."
- (2) Recommending to university senate proposed legislation which may affect the quality of student life.

AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY (contd)

- (3) Making regulations pursuant to rules of the university faculty, the bylaws, and the statutes, insofar as they pertain to the quality of student life.
- (4) Serving as the principal liaison council between student governments and the faculty and administration. The council shall solicit information from these governments pertaining to any proposed changes in the faculty rules as they relate to the division of student affairs.
- (D) The council's advisory function shall be accomplished by the following (with the exception of those areas advised or addressed by the council on admissions and registration and/or athletic council):
 - (1) Advising the vice provost for student affairs regarding the programs, services, and activities of the division.
 - (2) Establishing study groups, committees and other mechanisms as needed to explore issues affecting the quality of student life and to make recommendations regarding these issues to the vice provost for student affairs.
 - (3) Advising other university departments and administrative units regarding proposed changes in the university's "operating manual" that may affect student rights and responsibilities.
- (E) The council shall have the authority to approve policies that govern the registration, rights, privileges, and obligations of student organizations, including but not limited to fraternities and sororities, student publications, and student government. This responsibility may be delegated by the council to an appropriate committee or administrative agency.
- (F) The council shall establish operating procedures to conduct, in an orderly fashion, the legislative, advisory, and policy approval functions of the council.

3335-9-04 Specific admission requirements.

- (B) Graduate student. An applicant must meet the admission criteria established by the council on research and graduate studies. All applicants must specify a field of specialization.

3335-9-29 Degrees and certificates.

- (B) Degrees and certificates shall be awarded graduate students by the board of trustees upon recommendation of the council on research and graduate studies and the university senate, transmitted to the board by the president. (See rule 3335-5-35 of the Administrative Code.)

AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY (contd)

3335-9-31 Requirements for a graduate degree.

To obtain a graduate degree from this university, a graduate student must have met the minimum requirements established by the council on research and graduate studies and approved by the board of trustees, and have filed an application for the degree in accordance with rules prescribed by the council on research and graduate studies.

3335-9-321 Requirements for certificate of study.

- (D) Authority for approval of all certificate programs shall rest with the council on academic affairs. Proposal for graduate certificates must also receive the approval of the council on research and graduate studies. The president of the university and the university senate shall be regularly informed of council actions in this regard. (B/T 2/2/79, B/T 2/3/84, B/T 7/12/85)

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to the Bylaws of the Board of Trustees and Rules of the University Faculty be adopted as recommended by the University Senate.

Upon motion of Mr. Immke, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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UNIVERSITY HOSPITALS BOARD APPOINTMENT

Resolution No. 86-4

Synopsis: Confirmation and approval of a nominee to the University Hospitals Board is proposed.

WHEREAS the Board of Trustees on November 30, 1979, approved the establishment of a University Hospitals Board; and

WHEREAS the membership of the Hospitals Board was approved on April 4, 1980, and has been subsequently amended; and

WHEREAS the term of one of the members selected from the general public expired on April 30, 1985:

NOW THEREFORE

BE IT RESOLVED, That the following nominee be approved as a general public member of the University Hospitals Board for a term of three years, effective immediately:

John G. Kramer, D.D.S.

UNIVERSITY HOSPITALS BOARD APPOINTMENT (contd)

Upon motion of Mr. Teaford, seconded by Mrs. Bowser, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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DEGREES AND CERTIFICATES - SUMMER QUARTER COMMENCEMENT

Resolution No. 86-5

Synopsis: Approval is being requested for awarding degrees and certificates for Summer Quarter Commencement.

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit, in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees the names of persons who have completed degree and certificate requirements:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on August 30, 1985, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools, and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Mr. Teaford, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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HONORARY DEGREES

Resolution No. 86-6

Synopsis: Approval is requested for awarding honorary degrees to two individuals.

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to rule 3335-5-57 of the Administrative Code, have approved for recommendation to the Board of Trustees awarding of honorary degrees as listed below:

Berenice Abbott
Richard T. Baker

Doctor of Humane Letters
Doctor of Accounting and
Business Management

NOW THEREFORE

HONORARY DEGREES (contd)

BE IT RESOLVED, That the above honorary degrees be awarded in accordance with the recommendation at a time convenient to the University and the recipients.

Upon motion of Mr. Immke, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 86-7

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the June 7, 1985 meeting of the Board, including the following Changes in Title, Appointments, Reappointment, Re-appointment of Principal Administrative Official, Appointment of Chairpersons of Departments, Reappointment of Chairpersons of Departments and Directors of Center and Schools, Medical Staff--Appointments and Reappointments for 1985-86, Leaves of Absence Without Salary, Leave of Absence Without Salary--Change of Date, Professional Improvement Leaves--Change of Date, Promotions/Tenure, Emeritus Titles, and Emeritus Title--Change in Title as detailed in the University Budget be approved.

Changes in Title

Name:	FRANCILLE M. FIREBAUGH
Title:	Acting Vice President for Academic Affairs and Provost
Office:	Academic Affairs
Effective:	Immediately
Salary:	\$90,000.00
Present Position:	Vice Provost for International Affairs, Office of Academic Affairs

Name:	HAGOP S. MEKHJIAN
Title:	Medical Director and Associate Dean for Clinical Affairs
College:	Medicine - Administration
Effective:	July 1, 1985
Salary:	\$57,960.00
Present Position:	Acting Medical Director and Professor, College of Medicine - Administration

Name:	LOREN V. GEISTFELD
Title:	Associate Dean and Professor
College:	Home Economics
Effective:	July 1, 1985
Salary:	\$55,200.00
Present Position:	Chairperson and Professor, Home Management and Housing

PERSONNEL ACTIONS (contd)

Changes in Title (contd)

Name: BETTY J. HUDSON
Title: Associate Dean
College: University College
Effective: July 1, 1985
Salary: \$42,480.00
Present Position: Assistant Dean, University College

Name: ANN L. LILLY
Title: Assistant Dean and Associate Professor
College: The Arts
Effective: July 1, 1985
Salary: \$50,640.00
Present Position: Associate Professor, Department of Dance

Name: GERARD L. ERVIN
Title: Assistant Dean
College: Humanities
Effective: July 1, 1985
Salary: \$49,320.00
Present Position: Associate Professor, Slavic and East European Languages and Literatures

Name: ERIC K. BUSCH
Title: Assistant Vice Provost for Student Affairs
Office: Student Affairs
Effective: June 21, 1985
Salary: \$33,480.00
Present Position: Assistant to the Vice Provost for Student Affairs

Appointments

Name: LAURINE E. FITZGERALD
Title: Dean/Director and Professor
Office/Department: Mansfield Campus/Education
Effective: September 1, 1985
Salary: \$60,000.00
Present Position: Dean of the Graduate School and Professor, College of Education, University of Wisconsin-Oshkosh, Oshkosh, WI

Name: ARTHUR W. BRODEUR
Title: Campaign Director
Office: University Development
Effective: June 1, 1985
Salary: \$63,120.00
Present Position: Staff Associate, John Grenzebach and Associates, Inc., of Chicago, Medfield, Massachusetts

PERSONNEL ACTIONS (contd)

Reappointment

Name:	THOMAS A. WILLKE
Title:	Vice Provost for the Colleges of the Arts and Sciences
Office:	Academic Affairs
Effective:	July 1, 1985 through June 30, 1988
Salary:	N/A

Reappointment of Principal Administrative Official

DONALD D. GLOWER, SR., Dean of the College of Engineering, effective November 1, 1985 through October 31, 1990, pursuant to rule 3335-3-17 of the Administrative Code.

Appointment of Chairpersons of Departments

July 1, 1985 through June 30, 1986

Home Management and Housing	Fern E. Hunt*
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July 1, 1985 through June 30, 1987

Linguistics	Ilse Lehiste
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September 1, 1985 through August 31, 1989

Textiles and Clothing	Lucy R. Sibley
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October 1, 1985 through June 30, 1986

Slavic and East European Languages and Literatures	Frank R. Silbajoris*
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October 1, 1985 through September 30, 1989

History	Warren R. Van Tine
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Reappointment of Chairpersons of Departments and Directors of Center and Schools

July 1, 1985 through June 30, 1986

Center for Slavic and East European Studies	Leon I. Twarog
Industrial Design	Arno C. Wallschlaeger
Landscape Architecture	Jot D. Carpenter

July 1, 1985 through June 30, 1989

Home Economics Education	Sharon V. Redick
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*Acting Chairperson

July 12, 1985 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Reappointment of Chairpersons of Departments and Directors of Center and Schools (contd)

July 1, 1985 through June 30, 1989 (contd)

School of Music	David L. Meeker
Theatre	Firman H. Brown, Jr.
School of Health, Physical Education and Recreation	Charles L. Mand

September 1, 1985 through March 31, 1986

Communication	Joseph M. Foley*
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October 1, 1985 through September 30, 1989

Political Science	Randall B. Ripley
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*Acting Chairperson

Leaves of Absence Without Salary

STEPHEN V. TRACY, Professor, Department of Classics, effective Autumn Quarter 1985, to accept a visiting professorship at the University of California at Berkeley.

KENNETH J. ANDRIEN, Associate Professor, Department of History, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986, to continue his research on "The Kingdom of Quito in the Eighteenth Century."

CARTER V. FINDLEY, Associate Professor, Department of History, effective Autumn Quarter 1985 and Winter Quarter 1986, to complete his book.

JAMES W. HUTCHENS, Assistant Professor, Department of Art Education, effective Autumn Quarter 1985, Winter Quarter and the first week of Spring Quarter 1986, to serve as a Visiting Assistant Professor at Florida State University.

CAROLYN B. KISNER, Assistant Professor, School of Allied Medical Professions, effective August 1, 1985 through August 31, 1985, for personal reasons.

YUNG-HEE KWON, Assistant Professor, Department of East Asian Languages and Literatures, effective Autumn Quarter 1985 and Winter Quarter 1986, to accept a Fulbright grant.

ROBERT O. RUPP, Assistant Professor, Department of History (Marion Campus), effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

MICHAEL M. SZPORER, Assistant Professor, Department of English (Mansfield Campus), effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986, to accept a Fulbright lectureship.

WILLIAM E. SNYDER, Instructor, University Libraries (Newark Campus), effective June 3, 1985 through July 14, 1985, for personal reasons.

Leave of Absence Without Salary--Change of Date

ERNEST G. ARIAS, Assistant Profesor, Department of City and Regional Planning, change leave from Winter Quarter and Spring Quarter 1985 to Winter Quarter and Summer Quarter 1985.

Professional Improvement Leaves--Change of Date

MICHAEL E. WHITCOMB, Medical Director/Associate Dean, College of Medicine - Administration, change leave from September 1, 1984 through August 31, 1985 to September 1, 1984 through May 31, 1985.

LAWRENCE J. BERLINER, Professor, Department of Chemistry, change leave from Autumn Quarter 1985 and Winter Quarter 1986 to Spring Quarter and Autumn Quarter 1986.

YUNG-CHEN LU, Associate Professor, Department of Mathematics, change leave from Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985 to Autumn Quarter 1984 and Winter Quarter 1985.

Emeritus Titles

DONALD R. BATEMAN, Department of Educational Theory and Practice, with the title Professor Emeritus, effective July 1, 1985.

BYRON L. BONDURANT, Department of Agricultural Engineering, with the title Professor Emeritus, effective July 1, 1985.

WENDELL H. CORNETET, JR., Department of Electrical Engineering, with the title Professor Emeritus, effective July 1, 1985.

WILLIAM F. COWEN, JR., School of Natural Resources, with the title Professor Emeritus, effective July 1, 1985.

HERBERT W. CROWN, Cooperative Extension Service, with the title Professor Emeritus, effective June 1, 1985.

WILLIAM C. DAVIS, Department of Electrical Engineering, with the title Professor Emeritus, effective July 1, 1985.

WILLIAM G. DEWALD, Department of Economics, with the title Professor Emeritus, effective July 1, 1985.

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

ELWOOD J. DOLLINGER, Department of Agronomy, with the title Professor Emeritus, effective July 1, 1985.

WILBUR A. GOULD, Department of Horticulture, with the title Professor Emeritus, effective July 1, 1985.

DONALD E. HERR, Department of Agronomy, with the title Professor Emeritus, effective July 1, 1985.

CURT A. LEVIS, Department of Electrical Engineering, with the title Professor Emeritus, effective July 1, 1985.

GEORGE L. LEWIS, Department of Educational Theory and Practice, with the title Professor Emeritus, effective July 1, 1985.

GLYDE A. MARSH, Department of Poultry Science, with the title Professor Emeritus, effective July 1, 1985.

DONALD K. MATHEWS, School of Health, Physical Education and Recreation, with the title Professor Emeritus, effective July 1, 1985.

EUGENE O. MCLEAN, Department of Agronomy, with the title Professor Emeritus, effective June 1, 1985.

BERNARD MEHL, Department of Educational Policy and Leadership, with the title Professor Emeritus, effective July 1, 1985.

WILLARD C. MYSER, Department of Zoology, with the title Professor Emeritus, effective July 1, 1985.

ROBERT M. PORTER, Department of Dairy Science, with the title Professor Emeritus, effective July 1, 1985.

ENRICO L. QUARANTELLI, Department of Sociology, with the title Professor Emeritus, effective July 1, 1985.

JACK H. RICHMOND, Department of Electrical Engineering, with the title Professor Emeritus, effective July 1, 1985.

MILTON S. ROSNER, College of Social Work, with the title Professor Emeritus, effective July 1, 1985.

WALTER C. ROTHENBUHLER, Department of Entomology, with the title Professor Emeritus, effective July 1, 1985.

THOMAS R. SWEET, Department of Chemistry, with the title Professor Emeritus, effective July 1, 1985.

WILLIAM J. TAYLOR, Department of Chemistry, with the title Professor Emeritus, effective July 1, 1985.

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

DAVID M. VANDOREN, Department of Agronomy, with the title Professor Emeritus, effective July 1, 1985.

FRANCIS E. WALKER, Department of Agricultural Economics and Rural Sociology, with the title Professor Emeritus, effective July 1, 1985.

SIDNEY E. WHITE, Department of Geology and Mineralogy, with the title Professor Emeritus, effective July 1, 1985.

CLARENCE R. COLE, Department of Veterinary Pathobiology, with the title Regents Professor Emeritus, effective July 1, 1985.

NANCY M. CLATWORTHY, Department of Sociology, with the title Associate Professor Emeritus, effective July 1, 1985.

JAMES H. DECKER, College of Social Work, with the title Associate Professor Emeritus, effective July 1, 1985.

ANN H. DOWNER, School of Allied Medical Professions, with the title Associate Professor Emeritus, effective July 1, 1985.

JESSIE A. ENGLE, Department of Mathematics (Marion Campus), with the title Associate Professor Emeritus, effective July 1, 1985.

TOYO S. KAWAKAMI, University Libraries, with the title Associate Professor Emeritus, effective July 1, 1985.

JACK N. TAYLOR, Department of Surgery, with the title Associate Professor Emeritus, effective July 1, 1985.

BETTY J. THOMAS, Department of Life Span Process, with the title Associate Professor Emeritus, effective July 1, 1985.

DUANE R. TOVEY, Department of Educational Theory and Practice (Mansfield Campus), with the title Associate Professor Emeritus, effective July 1, 1985.

PAUL H. GIPP, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective June 1, 1985.

BERNICE C. HALL, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective July 1, 1985.

CHARLES L. HASTINGS, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective July 1, 1985.

CAROL J. KEITH, Department of Life Span Process, with the title Assistant Professor Emeritus, effective July 1, 1985.

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

JAMES G. PANTALOS, College of Social Work, with the title Assistant Professor Emeritus, effective July 1, 1985.

GERALD H. GOEDDE, Cooperative Extension Service, with the title Instructor Emeritus, effective July 1, 1985.

ROBERT E. HENNE, School of Natural Resources, with the title School Secretary Emeritus, effective July 1, 1985.

JAMES B. HAMILTON, National Center for Research in Vocational Education, with the title Senior Research Specialist Emeritus, effective July 1, 1985.

LORELLA A. MCKINNEY, National Center for Research in Vocational Education, with the title Senior Research Specialist Emeritus, effective July 1, 1985.

Emeritus Title--Change in Title

TIEN-YI LI, Department of East Asian Languages and Literatures, with the title Professor Emeritus, changed to Departments of East Asian Languages and Literatures and History, with the title Professor Emeritus, effective July 1, 1985.

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

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RESOLUTIONS IN MEMORIAM

Resolution No. 86-8

Synopsis: Resolutions honoring the service of five of the University's faculty members who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Mathew F. Dee

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 31, 1985, of Mathew F. Dee, Assistant Dean Emeritus in the College of Law - Library.

Mathew F. Dee was born on May 16, 1931, in Parma, Ohio. In 1952, before completing his B.A. degree at Western Reserve University in Cleveland, he was one of the first patients to have open-heart surgery. His physical problems did

RESOLUTIONS IN MEMORIAM (contd)

Mathew F. Dee (contd)

not deter him from obtaining his degree in 1954. From 1954 to 1959 he taught French in the Cleveland public schools. It was indicative of his determination to persevere in spite of difficulties that he changed careers and in 1961 received a M.S. in L.S. degree from Case Western University. From 1961 to 1963 he was Law Librarian with the Cleveland law firm of Jones, Day, Cockley and Reavis. In 1963 he came to The Ohio State University Libraries as Assistant Personnel Librarian. In 1965 he served as Assistant Head of Department Libraries, then in 1965-1966 he became Acting Director of Personnel for The Ohio State University Libraries.

Dean Dee came to The Ohio State University Law Library as Assistant Director of Research Services in 1966. In 1972 he was named Assistant Dean and Director of the Law Library. Dean Dee held this position until his retirement in 1984.

Dean Dee was active in the American Association of Law Libraries, serving on the Committee for Indexing Legal Periodicals, and Chapters Committee. He also served as President of the Ohio Regional Association of Law Libraries in 1969 and in 1970. Dean Dee contributed articles to both the Law Library Journal and the Ohio Library Association Bulletin.

As a dedicated law librarian who did more than build a law collection, Dean Dee also was a public service librarian who maintained an open door policy for all users of the Library. He was particularly accessible to all law students for discussion of their concerns. This selfless humanitarian style led to lasting friendships with many of the law students. As a teacher and a librarian, the individual was his greatest concern and his awareness of their feelings and anxieties was characteristic of his approach to law librarianship.

Although Dean Dee died at an early age, he led a full life of successfully pursuing two careers, and contributing to the well-being of the College of Law, the students and his colleagues.

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

Carl S. Johnson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 4, 1985, of Carl Sand Johnson, Professor Emeritus in the School of Natural Resources.

Dr. Johnson, Professor of Conservation, born 1915 in Pine River, Minnesota, received the Bachelor of Education degree in 1939 from the St. Cloud State College, Minnesota; Master of Science degree in 1947 and the Doctor of Philosophy degree in 1951, both from The Ohio State University. Prior to his joining the faculty in the Department of Zoology in 1951, he spent many years

RESOLUTIONS IN MEMORIAM (contd)

Carl S. Johnson (contd)

teaching biology and conservation at the high school and college level. He also served as supervisor of conservation education for the Ohio Department of Education.

Professor Johnson contributed to the conservation education effort at The Ohio State University through the Department of Zoology and the Natural Resources Institute. These contributions led to the establishment of the School of Natural Resources. He became one of the original faculty members in the School upon its establishment in 1968. He dedicated much effort to the curriculum development which led to the acceptance by the Board of Regents of a Tagged Degree in Natural Resources.

Professor Johnson taught all of the core courses of the School of Natural Resources at one time or another and served as director of the Barnebey Center for Environmental Studies located in Lancaster, Ohio, and assisted in helping that facility grow and develop. He positively influenced the academic and professional development of thousands of students in the conservation and natural resources area. Through his guidance, advice, and example, he stimulated thousands of students to pursue rigorous academic programs and to develop professional competence far beyond those levels the students thought possible. His unselfish contributions to provide better environmental educational opportunities for our youth caused all of us who knew him to value his efforts and to mourn his passing.

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

Harold F. Mathis

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 12, 1985, of Harold F. Mathis, Professor Emeritus in the Department of Electrical Engineering.

Professor Mathis was born in Wichita Falls, Texas, on July 19, 1916. He received the Bachelor of Science degree in Electrical Engineering from the University of Oklahoma in 1939 and the Master of Science degree from Texas A & M University in 1941. He was awarded professional Electrical Engineer degrees from Texas A & M University in 1952 and the University of Oklahoma in 1955. He received a Ph.D. degree in Electrical Engineering from Northwestern University in 1953 and a Ph.D. degree in Education from Case Western Reserve University in 1961.

Prior to joining the faculty of The Ohio State University in 1960, he served as Associate Professor of Electrical Engineering at the University of Oklahoma from 1949-54 and as a research engineer for Goodyear Aircraft Corporation from 1954-60. He also served in the United States Navy in both World War II and the Korean War and retired with the rank of Commander.

RESOLUTIONS IN MEMORIAM (contd)

Harold F. Mathis (contd)

During his 24 years on the OSU faculty, he provided distinguished service to his students and to the University prior to his retirement in 1984. He was an extremely versatile individual, holding Ph.D.'s in both Electrical Engineering and Education, and having done graduate work in mathematics as well. This broad background is indicated by the diversity of his publications. He published over 50 articles or papers in such areas as antennas, transmission lines, network theory and electromagnetic radomes and lenses, and mathematics.

His very broad and general background and interests made him a very valuable member of this faculty. He taught courses in a wide variety of technical topics. He made strong contributions in teaching foundation level courses to sophomores who were beginning their study of electrical engineering.

Dr. Mathis' service to his profession and his community was exemplary. He was a member of a large number of professional societies and participated actively in many of them. He was a member of the University Chapter of the American Legion and served on the Board of Trustees and the Board of Deacons of the Mountview Baptist Church. He also served as a technical consultant to a number of industrial firms.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Mathis its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

John Seidler

The Board of Trustees of The Ohio State University expresses sorrow upon the death on May 31, 1985, of John Seidler, Associate Professor in the Department of Sociology.

John Seidler was born in Los Angeles, California, December 19, 1933. He completed his high school education at Loyola in Los Angeles in June 1951. In 1965 he received a Masters of Theology from Santa Clara University, magna cum laude; his MA and Ph.D. in sociology from the University of North Carolina at Chapel Hill in 1969 and 1972, respectively. He joined The Ohio State University Department of Sociology in 1971 as an Instructor. He was promoted to Assistant Professor in 1972 and to Associate Professor in 1977.

Dr. Seidler's major substantive areas of interest were social organization, sociology of religion, collective behavior and social movements, research methodology, and sociological theory. He had just completed a major monograph on The Agony and Triumph of Modernization--A Study of the American Catholic Church. He also authored and co-authored many articles published in professional journals.

RESOLUTIONS IN MEMORIAM (contd)

John Seidler (contd)

Dr. Seidler was very active in services to scientific and professional organizations, and in advancing academia and the discipline of sociology. He presented numerous papers at scientific meetings, organized and chaired several sessions, and served as chair and member of a number of councils and committees of learned associations.

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

Albert Shapero

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 23, 1985, of Albert Shapero, the William H. Davis Chair in the American Free Enterprise System, Academic Faculty of Management and Human Resources.

Mr. Shapero was born May 16, 1921, in Ontario, Canada, but was a U.S. Citizen at birth. He received his bachelors and masters degrees at the University of California at Berkeley.

Professor Shapero was recognized internationally as a leading scholar in the field of entrepreneurship. He wrote almost 100 book chapters, monographs, invited papers, reports, and articles on various subjects relevant to economic and industrial development. His creative research and his work with doctoral students had a significant impact on research and teaching of entrepreneurship in major American universities. His areas of interest included economic and industrial development, management of professional enterprises, information-communication behavior, managerial design, and entrepreneurship. His research was supported by the Economic Development Administration, the Small Business Administration, the Ozarks Regional Committee, the Air Force Office of Scientific Research, the National Science Foundation, and the Denver Research Institute.

Professor Shapero served on the faculty of The Ohio State University College of Administrative Science since 1978. Prior to that appointment he served as Professor of Management at the University of Texas at Austin from 1966 to 1978. He was a visiting professor at the University of South Africa and the University of Stellenbosch in South Africa during the summers of 1976 and 1977. Most recently he served as a visiting professor at Babson College in the fall of 1984. He served as a visiting faculty member at the International Institute for the Management of Technology in Milano, Italy, in 1972 and 1973 and at the Massachusetts Institute of Technology Sloan School in 1968. Early in his career he worked as Director of the Division of Management of Technology at the Stanford Research Institute and as an engineer for Radioplane Corporation and Hughes Aircraft.

RESOLUTIONS IN MEMORIAM (contd)

Albert Shapero (contd)

All who worked with Al Shapero knew him as an excellent academician and a remarkable and generous man.

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

Upon motion of Mr. Teaford, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 86-9

Synopsis: The reports on contracts, grants, and gifts and the summary for May 1985 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station and The Ohio State University Development Fund during the month of May 1985 be approved.

Upon motion of Mr. Immke, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

SUMMARY FOR MAY 1985

	No. of Projects	Support Level
The Ohio State University Research Foundation	102	\$4,811,927.02
Engineering Experiment Station	35	\$ 84,715.00
		\$4,896,642.02

July 12, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR MAY 1985 (contd)

The Ohio State University Development Fund

Establishment of Named Funds

The Margaret Speaks Vocal Scholarship (Scholarship - School of Music)	\$ 100,000.00
The Dr. Bernie A. and Dona L. McConnell Pediatric Dental Education Fund (Support a yearly post-graduate seminar - Pediatric Dentistry)	\$ 13,000.00
The Ray and Jane Armbruster Fund (Distributed to Robert Kepler Golf Fund)	\$ 10,000.00
Waldo Francis Davis Memorial Scholarship Fund (Scholarships - Lima Campus)	\$ 10,000.00
The Judy Stewart Mesenburg Memorial Scholarship Fund (Scholarships - School of Journalism)	\$ 10,000.00
The Marion Amy Thomas Fund (College of Home Economics)	\$ 10,000.00
Lois E. Dickey Endowment (Award of graduate student research in the Department of Textiles and Clothing)	\$ 5,000.00

Change of Name and Description of Named Fund

From: The Ohio 4-H Club Foundation

To: Ohio 4-H Foundation Fund

Report from Presidents Club

Members to date	5,023
1984-85 members: fiscal year to date	385
New members - May 1985	205

July 12, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR MAY 1985 (contd)

The Ohio State University Development Fund (contd)

New Presidents Club Members - May 1985

David H. Adamkin
Fred M. Andrews
William A. Argo
Yvonne T. Atha
John A. Balaza
Robert L. Ball
Lawrence Bastiani
Melvin J. Blackburn
Richard R. Boster
Denise L. Brace
John F. Brandt
Howard R. Brehmer, Jr.
William F. Brown
R. Robert Browning
Marguerite L. Buel
Ron Callentine
William M. Carroll
R. David Chabot
Gerald A. Cichocki
John P. Cochran
Stephen G. Coleman
Rose A. Coleman
Lawrence Czap
Don C. Dangler
John C. Dempsey
Richard L. Denney
Betty B. Diehl
Albert E. Dix
R. William Eisnaugle
Cathy J. Eyen
Carl J. Faehnle
Eric B. Fisher
Helen C. Freyhof
John R. Gall
Gloria H. Gardner
Jack Girard
Robert L. Glimcher
Donald E. O'Rourke
Angela S. Parks
Harold H. Paul
Joseph B. Phillips
John J. Ranft
Brent H. Raub
Robert A. Rehm
David C. Reynolds
Robert A. Rothman
Frederick D. Schaaf
Joseph Schlonsky

Howard R. Goheen
Elliott S. Grayson
Ronald C. Green
Robert J. Grueser
Richard E. Guster
D. T. Hayward
John M. Haemmerle
Edwin C. Hechler
William C. Heer
Bernard J. Heintz
Sharron S. Hillabrand
John Hinkle
George K. Hughes
Malcolm Jeffrey
C. Francis Kerchavel
Cletus I. Kinnen
Walter S. Klevay, Jr.
Robert B. Koder
Jerry L. Kroos
Delbert L. Kuhn
William P. Lauf
Barbara B. Lewis
Eugene B. Lewis
Edwin J. Lilly
John W. Lint
S. P. Lowry, D.D.S.
David W. Mann
Robert L. Martin
George J. Matthey
Jill T. McGruder
Robert S. McKay II
W. H. McTeague
H. David Millitt
Charles B. Mills, Jr.
Timothy E. Murphy
Thomas Neckel
Charles J. Neuger
Robert C. Southard
Bonnie A. Stump
Geno A. Testa
John X. Teevin
I. Lorraine Thomas
William J. Thrane
Drexel J. Thrash
Richard E. Vance, M.D.
Donald G. Virdt
Jay E. Wagner, Jr.
Robert J. Wallace

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR MAY 1985 (contd)

The Ohio State University Development Fund (contd)

New Presidents Club Members - May 1985 (contd)

Steven Schneider	Robert K. Weakley.
Irving E. Schottenstein	Kenneth D. Weber
William G. Selsam	Oval D. Williams
Jeanne M. Shupala	Robert J. Wilson
Frederick R. Smith	Richard H. Wolfe
Mary E. Smith	Gust C. Zarnas
Robert H. Smith	Nelle Zettler

American Aggregates Corp. (Cecil Scott)
American Electric Power, Inc. (Frank N. Bien)
Americare Corp. (Ralph E. Hazelbaker)
ANATEC (Christopher M. Carnavos)
Anchor Hocking Corp. (Richard P. Ellwood)
Anderson Concrete Corp. (Ralph W. Anderson)
Automart (Tony Lombardi)
Avery-Heinl Co. (Paul Avery)
Bank One of Columbus (David A. Hammond)
BancOhio Leasing Co. (Edward W. Miller, Jr.)
Bargaintel Management Co. (Ted Steilen)
Betlin Manufacturing Co. (Mat Levy)
Big Bear Stores (Michael Knilians)
Blackson Insurance Agency (Lewis R. Blackson)
Boise Cascade (Thomas J. Scheffer)
Borror Corp. (David Haid)
Buckhorn, Inc. (Richard P. Johnston)
Burkholder Flint Associates (Herbert Flint)
Cannon & Cannon, Inc. (George J. Short)
Central Reserve Life of North America Insurance Co.
(Fred Lick, Jr.)
Century Adhesives Corp. (Robert Zimmerman)
Certes Corp. (T. R. Benua, Jr.)
Columbus Auto Parts (J. W. Klages)
Columbus Paper Box Co. (William B. Reiber)
Columbus Products Co. (J. W. Hehr)
Columbus Industries, Inc. (Harold T. Pontius)
Columbus Steel Drum (Sidney I. Blatt)
Commerical, Inc. (R. Robert Browning)
Consolidated Business Services, Inc. (Daniel Broughman)
Credit Bureau of Columbus, Inc. (William B. Price)
Cunningham Gutters, Inc. (Dennis M. Cunningham)
Delaware Gazette (W. D. Thomson II)
C. W. DeMary Service, Inc. (C. W. DeMary)
Dowell Schlumberger (Rod Reston)
Dresser Industries, Inc. (William Burtch)
East Ohio Machinery Co. (John Klusck)
Ebco Manufacturing Co. (Tom Benua, Jr.)
J. T. Edwards Co. (David A. Edwards)

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR MAY 1985 (contd)

The Ohio State University Development Fund (contd)

New Presidents Club Members - May 1985 (contd)

Electric Power Equipment Co. (James C. McAtee)
EMCORP (Charles R. Guttadore)
Erie Islands Agency, Inc. (Richard Johnson)
Ernst & Whinney (James F. Zid)
Evans Funeral Home, Inc. (Richard R. Evans)
Stanley Ferger & Associates, Inc. (S. Trevor Ferger)
General Insurance Agency (William D. Music, Jr.)
Goettler Associates, Inc. (Ralph H. Goettler)
Greif Brothers Corp. (E. A. Reitz)
Grimes Manufacturing, Div. of Midland Ross Corp. (Albert Schafer)
Hanna Chemical Coatings Corp. (Jay S. Hanna)
Hyatt Regency Columbus (Paul Tang)
Isco, Inc. (I. Robert Amerine)
Johnny John Real Estate (Johnny John)
Kroger Company (Jim Wygle)
Lancaster Lens, Inc. (Jack W. Kennedy)
Liebert Corporation (Larry L. Liebert)
Marycreat Farms (E. A. Reitz)
Matey Oklok Co. (George J. Matthey)
McDonald's Corp. (Thomas Fewster)
Merchants 5 Star (James C. Starner)
Nationwide, Inc. (Saul Levy)
North American Equitable Life Assurance Co. (George Manser)
Ohio State Bank (James E. Gatton)
Owens-Corning Fiberglas Corp. (Ron Celnar)
Owens-Illinois (George H. Bush)
Pepsi-Cola Bottling Co. (Ed Schroeder)
Price Waterhouse & Co. (Harry Krieger)
Quickrete Company (J. E. Winchester)
Remarks, Inc. (Malcolm Graves)
RMS Properties (Robert M. Shaevitz)
Sherex Chemical Co. (J. Raymond Stockton)
Sisters International, Inc. (James W. Near)
Society Bank (Tony Colao)
Julian Speer Co. (Samuel A. Shuman)
State Savings (Donald B. Shackelford)
Stolz Mead Advertising (Dave Stolz)
Superior Die, Tool & Machine Co. (R. A. Holstein)
Bill Swad Chevrolet, Inc. (Bill Swad)
Swan Cleaners (Paul Gelpi)
Tarrier Steel Company (Kent A. Tarrier)
Union Fork and Hoe Co. (G. Britton Durell)
Warner Amex Cable (James L. Gray)
WBNS-TV (Eugene D'Angelo)
Wendy's International (Robert L. Barney)
White's Furniture (Gordon Schiffman)

July 12, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR MAY 1985 (contd)

The Ohio State University Development Fund (contd)

New Presidents Club Members - May 1985 (contd)

Eugene S. May
Robert T. Ross
Gerald Swedlow
Columbus Lodging, Inc. (Ted H. Steilen)
CVI, Inc. (James G. Pierce)
Ester Tuckerman
Judith Tuckerman
William B. Davis
James E. Gadek
Leslie S. Pearl
E. I. DuPont de Nemours & Co. (Vance Senecal)

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - May 1985

Federal Research Contracts/Grants

\$400,000.00 - National Science Foundation, Washington, DC, Nuclear Physics at Low and Intermediate Energies, Including Investigations of Fundamental Symmetries and Nuclear Astrophysics, Department of Physics (S. L. Blatt, T. R. Donoghue, R. N. Boyd, H. J. Hausman and E. R. Sugarbaker), 1 May 1985 through 30 April 1986. (Project 764671 - New)

\$300,000.00 - Department of Defense, Defense Advanced Research Projects Agency, Griffiss Air Force Base, NY, Explanation in Problem-Solving and Planning Systems, Department of Computer and Information Science (B. Chandrasekaran), 16 January 1985 through 28 February 1986. (Project 764562 - New)

\$210,000.00 - National Science Foundation, Washington, DC, Motion Control, Natural Phenomena, and Parallel Architectures for Display Algorithms, Department of Art Education (C. A. Csurik), 15 June 1983 through 30 November 1986. (Project 763611 - Continuation)

\$157,470.00 - Department of Education, Office of Postsecondary Education, Washington, DC, The Ohio State University "Upward Bound" Program, Office of Minority Affairs (J. Cruz), 1 September 1985 through 31 August 1986. (Project 763763 - Continuation)

\$150,612.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Synthetic Elaboration of Polyquinane Natural Products, Department of Chemistry (L. A. Paquette), 1 July 1985 through 30 June 1986. (Project 762298 - Continuation)

\$150,199.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, MD, Grant for Faculty Development in Family Medicine (L. L. Gabel), 1 July 1985 through 30 June 1986. (Project 764220 -Continuation)

\$144,300.00 - National Science Foundation, Washington, DC, Basic Mechanisms of Sliding Friction and Wear, Department of Metallurgical Engineering (D. A. Rigney), 1 April 1985 through 31 March 1986. (Project 763031 - Continuation)

\$118,500.00 - National Science Foundation, Washington, DC, Special Purpose Computer Architectures for Control of Robotic Mechanisms, Department of Electrical Engineering (D. E. Orin and K. W. Olson), 1 May 1985 through 30 April 1986. (Project 764136 - Continuation)

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$105,764.00 - Department of the Navy, Office of Naval Research, Arlington, VA, Radar Target Classification Studies, Department of Electrical Engineering, ElectroScience Laboratory (E. K. Walton), 1 May 1985 through 30 April 1986. (Project 764726 - New)

\$105,638.00 - Environmental Protection Agency, Washington, DC, Effect of Composted Municipal Sludge on Soil-Borne Plant Pathogens, Department of Plant Pathology - OARDC (H. A. J. Hoitink and A. F. Schmitthenner), 15 June 1985 through 14 June 1986. (Project 763617 - Continuation)

\$90,815.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Graduate Training in Biochemical Neuropathology, Department of Physiological Chemistry (L. A. Horrocks), 1 July 1985 through 30 June 1986. (Project 760708 - Continuation)

\$82,600.00 - National Science Foundation, Washington, DC, Plastic Instability and Fracture in Steels, Department of Metallurgical Engineering (J. P. Hirth), 1 April 1985 through 31 March 1986. (Project 763970 - Continuation)

\$70,000.00 - Department of Energy, Argonne, IL, Characterization of the Organization of the Genome of Methanogens and Development of Genetic Exchange Systems for *Methanococcus vannielii*, Department of Microbiology (J. N. Reeve and J. I. Frea), 1 July 1985 through 30 June 1986. (Project 762755 - Continuation)

\$70,000.00 - National Science Foundation, Washington, DC, Hydro-thermomechanical Response of Geological Media, Department of Engineering Mechanics (S. H. Advani and J. K. Lee), 1 June 1985 through 31 May 1986. (Project 763915 - Continuation)

\$68,949.00 - Department of the Navy, Office of Naval Research, Arlington, VA, Separated Flows, Department of Aeronautical and Astronautical Engineering (O. R. Burggraf), 1 January 1985 through 31 December 1985. (Project 763412 - Continuation)

\$65,317.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, MD, Grants for Preventive Medicine Residency Training, Department of Preventive Medicine (M. D. Keller), 1 July 1985 through 30 June 1986. (Project 763838 - Continuation)

\$63,365.00 - National Science Foundation, Washington, DC, Petrology of Ferrar and Uppermost Beacon Rocks - Beardmore Glacier Region, Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot), 1 May 1985 through 30 April 1986. (Project 764703 - New)

July 12, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$62,900.00 - National Science Foundation, Washington, DC, Sixth International Gondwana Symposium, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot and J. W. Collinson), 1 May 1985 through 30 April 1987. (Project 764688 - New)

\$60,000.00 - National Science Foundation, Washington, DC, Functional Specificity of Neurons in Hypothalamic Tissue Slices, Department of Physiology (J. A. Boulant), 1 July 1985 through 30 June 1986. (Project 764687 - New)

\$60,000.00 - National Science Foundation, Washington, DC, Resonance Phenomena in Electron-Molecule Collisions, Department of Chemistry (C. W. McCurdy), 1 May 1985 through 30 April 1986. (Project 763440 - Continuation)

\$60,000.00 - National Science Foundation, Washington, DC, Vibration Transmission Characteristics of Frictional Soil-Structure Interfaces Subjected to Impulsive Loading, Department of Engineering Mechanics (D. A. Mendelsohn), 1 May 1985 through 30 April 1987. (Project 764712 - New)

\$50,000.00 - Department of Agriculture, Cooperative State Research Service, Washington, DC, Evolution of Leafhopper and Stunting Pathogens with Maize and its Ancestors, Department of Entomology - OARDC (L. R. Nault) and Department of Plant Pathology - OARDC (L. V. Madden), 15 June 1985 through 30 June 1986. (Project 764270 - Continuation)

\$49,000.00 - Environmental Protection Agency, Washington, DC, Kinetics of Chloramine Inactivation of Giardia Cysts, Department of Civil Engineering (A. J. Rubin), 6 May 1985 through 5 May 1987. (Project 764693 - New)

\$48,542.00 - Department of the Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, OH, Advanced Radar Cross Section Reduction, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 1 May 1985 through 30 September 1985. (Project 763740 - Continuation)

\$48,000.00 - National Science Foundation, Washington, DC, Anodic Oxidation Studies and Their Applications to Organic Synthesis, Department of Chemistry (J. S. Swenton), 1 July 1985 through 30 June 1986. (Project 764272 - Continuation)

\$47,000.00 - National Science Foundation, Washington, DC, Relativistic Optical Model at Intermediate Energies, Department of Physics (B. C. Clark), 1 June 1985 through 30 June 1986. (Project 763671 - Continuation)

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$42,878.00 - National Science Foundation, Washington, DC, Study of a Gas-Liquid-Solid Fluidized Bed Containing a Binary Mixture of Particles, Department of Chemical Engineering (L. S. Fan), 1 May 1985 through 30 April 1986. (Project 763527 - Continuation)

\$42,000.00 - National Science Foundation, Washington, DC, Workshops on Organic Synthesis and Natural Products Chemistry, Department of Chemistry (D. J. Hart), 1 June 1985 through 31 May 1988. (Project 764723 - New)

\$39,863.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Effects of Dietary Change on Lipid Biosynthesis, Department of Physiological Chemistry (H. W. Sprecher), 1 May 1985 through 30 November 1985. (Project 764415 - Continuation)

\$36,551.00 - National Science Foundation, Washington, DC, Dielectric Degradation and Breakdown in Scaled Nitride/Oxide Insulating Films, Department of Electrical Engineering (S. B. Bibyk), 1 August 1985 through 31 July 1986. (Project 764702 - New)

\$35,000.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, OH, Unified Head Injury Theory, Department of Mechanical Engineering (R. L. Stalnaker), 1 October 1985 through 31 December 1985. (Project 764510 - Continuation)

\$34,943.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Aging Bladder--Autonomic Sensitivity Changes/Mechanisms, College of Pharmacy (M. C. Gerald), 1 January 1985 through 31 December 1985. (Project 763937 - Continuation)

\$34,000.00 - National Aeronautics and Space Administration, Washington, DC, The Role of Gravity in Apical Dominance, Department of Botany (M. G. Cline), 1 May 1985 through 30 April 1986. (Project 764141 - Continuation)

\$33,600.00 - Department of Education, Office of Postsecondary Education, Washington, DC, Application for Fellowship Award under the U.S. Department of Education's Education for the Public Service Program, School of Public Administration (A. D. Lynn), 1 October 1985 through 30 September 1986. (Project 764690 - New)

\$30,000.00 - National Science Foundation, Washington, DC, Engineering Research Equipment Grant: Laser Doppler Velocimeter Equipment, Department of Metallurgical Engineering (Y. Sahai), 1 October 1985 through 30 September 1986. (Project 764704 - New)

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$29,400.00 - National Science Foundation, Washington, DC, Probability and Ergodic Theory, Department of Mathematics (L. Sucheston), 1 July 1985 through 30 June 1986. (Project 763618 - Continuation)

\$26,258.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Biomedical Research Support, College of Veterinary Medicine - Administration (R. A. Wright), Department of Veterinary Preventive Medicine (J. C. Gordon) and Lab Animal Center (H. Rozmiarek), 1 April 1985 through 31 March 1986. (Project 762776 - Continuation)

\$24,998.00 - Department of Labor, Office of Foreign Relations, Washington, DC, Bahamas Entrepreneurship Project, The National Center for Research in Vocational Education (R. E. Taylor), 15 May 1985 through 31 July 1985. (Project 764713 - New)

\$24,977.50 - Department of Agriculture, Forest Service, St. Paul, MN, An Analysis of Some Aspects of the Decision Process in Choosing Urban Recreation Parks, OARDC and School of Natural Resources (J. E. Christensen), 28 May 1985 through 30 April 1988. (Project 764719 - New)

\$21,702.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Phase I Studies of New Anticancer Agents, Cancer Research Center (M. R. Grever), 1 December 1984 through 1 July 1985. (Project 763077 - Continuation)

\$20,000.00 - National Endowment for the Arts, Washington, DC, Catalogue Documentation for the Center for the Visual Arts, College of The Arts - Administration (J. W. Green), 1 June 1985 through 31 May 1986. (Project 764710 - New)

\$17,000.00 - National Science Foundation, Washington, DC, Elzone Counter and Porosimeter for Particle Characterization in Fluidization and Fluid-Particle System Research, Department of Chemical Engineering (L. S. Fan), 1 October 1985 through 30 September 1986. (Project 764714 - New)

\$14,915.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, OH, Documentation of Ice Shapes for the Helicopter Icing Flight Test Program, Department of Aeronautical and Astronautical Engineering (J. D. Lee), 1 May 1985 through 30 September 1985. (Project 763362 - Continuation)

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$13,044.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Short-Term Training: Students in Health Professional Schools, College of Dentistry - Oral Biology (S. Rosen), 1 June 1985 through 31 May 1986. (Project 764680 - New)

\$10,000.00 - National Aeronautic and Space Administration, Washington, DC, SETI (Search for Extraterrestrial Intelligence) Research, Department of Electrical Engineering (J. D. Kraus and R. S. Dixon), 1 May 1985 through 31 January 1986. (Project 764694 - New)

\$5,350.00 - Department of Labor, Office of Foreign Relations, Washington, DC, Bahamas Entrepreneurship Project--Supplementary Task, The National Center for Research in Vocational Education (R. E. Taylor), 23 April 1985 through 7 May 1985. (Project 764681 - Continuation)

\$2,354.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Comparative Studies in Perinatal Toxicology, Department of Veterinary Physiology and Pharmacology (D. R. Davis), 1 December 1984 through 30 November 1985. (Project 762962 - Continuation)

\$581.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, OSU Comprehensive Cancer Support (Core) Grant - Administration, Cancer Research Center (D. S. Yohn), 1 July 1984 through 30 June 1985. (Project 763976 - Continuation)

\$569.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Biomedical Research Support Grant, College of Medicine - Administration (D. G. Cornwell), 1 April 1985 through 31 March 1986. (Project 761078 - Continuation)

\$399.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Biomedical Research Support Grant, Research and Graduate Studies - Administration (T. L. Sweeney), 1 April 1985 through 31 March 1986. (Project 764748 - Continuation)

\$361.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Biomedical Research Support Grant, College of Pharmacy (A. H. Soloway), 1 April 1985 through 31 March 1986. (Project 760661 - Continuation)

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$294.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Biomedical Research Support, College of Veterinary Medicine - Administration (R. A. Wright), 1 April 1985 through 31 March 1986. (Project 762776 - Continuation)

\$220.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Biomedical Research Support Grant, Department of Life Span Process (C. W. Kennedy), 1 April 1985 through 31 March 1986. (Project 764658 - Continuation)

\$121.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Biomedical Research Support Grant, College of Dentistry - Administration (W. R. Wallace), 1 April 1985 through 31 March 1986. (Project 764652 - Continuation)

Computer Time - National Science Foundation, Washington, DC, Development and Applications of Fully Symmetry-Adapted Electronic Structure Programs, Department of Chemistry (R. M. Pitzer), 15 May 1985 through 14 May 1986. (Project 763922 - Continuation)

Computer Time - National Science Foundation, Washington, DC, Presidential Young Investigator Award, Department of Metallurgical Engineering (R. H. Wagoner), 1 July 1984 through 30 June 1985. (Project 764071 - Continuation)

Computer Time - National Science Foundation, Washington, DC, Relativistic Optical Model at Intermediate Energies, Department of Physics (B. C. Clark), 1 June 1985 through 30 June 1986. (Project 763671 - Continuation)

TOTAL - FEDERAL AWARDS \$3,380,349.50

State of Ohio Research Contracts/Grants

\$150,000.00 - State of Ohio, Department of Development, Columbus, OH, Prepare a Preliminary Ohio Site Proposal for the Superconducting Super Collider, Research and Graduate Studies - Administration (J. M. Hollander), 1 April 1985 through 1 July 1985. (Project 764656 - New)

\$50,824.00 - State of Ohio, Public Utilities Commission, Columbus, OH, A Proposal to Assist the Public Utilities Commission of Ohio in Developing a Diagnostic Method to Use in Evaluating Management Information Submitted by Ohio Utilities, The National Regulatory Research Institute (D. N. Jones and R. W. Lawton), 23 April 1985 through 30 September 1985. (Project 764692 - New)

July 12, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$2,000.00 - State of Ohio, Department of Health, Columbus, OH, ODH/OSU Conference on Speech and Language Screening Guidelines, Department of Communication (H. J. Oyer), 30 April 1985 through 2 May 1985. (Project 764699 - New)

TOTAL - STATE OF OHIO AWARDS

\$ 202,824.00

Industrial Research Contracts/Grants

\$282,225.00 - International Business Machines Corporation, Chicago, IL, Serial OEM Interface, College of Pharmacy (C. L. Olson and J. M. Jagadeesh), 15 May 1985 through 14 May 1986. (Project 764715 - New)

\$104,519.00 - Pfizer, Inc., Groton, CT, Phase I Double-Blind, Placebo-Controlled Multiple Dose Pharmacokinetic and Toleration Study of CP-65,703 Given Orally to Normal Volunteers, Department of Pharmacology (N. Gerber), 1 May 1985 through 30 June 1985. (Project 764001 - Continuation)

\$85,881.00 - Pfizer, Inc., Groton, CT, An Assessment of the Pharmacokinetics and Safety of CP-57,361 in Healthy Volunteers, I.V. Infusion. A Single-Blind, Placebo-Controlled Study, Department of Pharmacology (N. Gerber), 1 May 1985 through 30 September 1985. (Project 764001 - Continuation)

\$84,460.00 - Pfizer, Inc., Groton, CT, A Multicenter Study to Determine the Efficacy and Safety of CP-57,361 in the Short-Term Treatment of Patients with Duodenal Ulcers--A Double-Blind, Placebo-Controlled Study, Department of Medicine (H. S. Mekhjian) and Department of Pharmacology (N. Gerber), 1 April 1985 through 31 March 1986. (Project 764696 - New)

\$54,000.00 - Hill's Pet Products, Inc., Topeka, KS, Natural Product Insecticides from Citrus, Department of Entomology (W. F. Hink), 1 May 1985 through 30 April 1987. (Project 764686 - New)

\$53,354.00 - Pfizer, Inc., Groton, CT, A Study to Address the Pharmacokinetic Profile of CP-65,703, Department of Pharmacology (N. Gerber), 1 May 1985 through 30 June 1985. (Project 764001 - Continuation)

\$52,500.00 - Triton Biosciences, Inc., Alameda, CA, Open-Label Phase II Study to Evaluate the Safety and Efficacy of IFN- β_{ser} in Patients with Colorectal Cancer, Department of Medicine (J. J. Rinehart), 15 February 1985 through 31 March 1986. (Project 764724 - New)

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$41,160.00 - Pennwalt Corporation, King of Prussia, PA, Genetic Improvement of Biological Pesticides, Department of Microbiology (D. H. Dean), 1 April 1985 through 31 August 1985. (Project 763256 - Continuation)

\$21,415.00 - Upjohn Company, Kalamazoo, MI, Alprazolam in the Treatment of Benign Essential Tremor, Department of Neurology (G. W. Paulson), 1 April 1985 through 31 March 1986. (Project 764683 - New)

\$14,836.00 - Procter and Gamble Company, Cincinnati, OH, Development and Testing of Topical Antineoplastics in Propylene Glycol and Propylene Glycol Plus Penetrant Aids, Department of Surgery (E. A. Woltering), 15 April 1985 through 31 October 1985. (Project 764195 - Continuation)

\$14,573.00 - FMC Corporation, Philadelphia, PA, Microcrystalline Cellulose Stabilized Emulsion, College of Pharmacy (S. G. Frank), 15 April 1985 through 14 April 1986. (Project 764077 - Continuation)

\$10,000.00 - The Aerospace Corporation, Los Angeles, CA, Antenna and Radome Analysis and Design, Department of Electrical Engineering, ElectroScience Laboratory (R. C. Rudduck), 1 April 1985 through 30 September 1985. (Project 762637 - Continuation)

\$9,483.00 - Procter and Gamble Company, Cincinnati, OH, Morphologic Investigation of Bismuth Neurotoxicity, Department of Neurology (J. P. Mendell and Z. Sahenk), 1 January 1985 through 31 December 1985. (Project 762821 - Continuation)

\$5,490.00 - Procter and Gamble Company, Cincinnati, OH, A Comparative, Randomized Bioavailability Study of ASA Formulations (AN-117), Department of Pharmacology (N. Gerber), 30 April 1985 through 30 October 1985. (Project 764001 - Continuation)

\$5,482.00 - Procter and Gamble Company, Cincinnati, OH, A Comparative, Randomized Bioavailability Study of ASA Formulations (AN-117), Department of Pharmacology (N. Gerber), 30 April 1985 through 30 October 1985. (Project 764001 - Continuation)

\$5,220.00 - Smith, Kline and French Laboratories, Philadelphia, PA, Comparison of Auranofin with Placebo in the Treatment of Psoriatic Arthritis (AU-113), Department of Medicine (S. M. Kantor), 1 July 1984 through 31 August 1985. (Project 764335 - Continuation)

\$2,000.00 - Viratek, Inc., Covina, CA, Analysis of Ribavirin Therapy in the Treatment of Influenza, Department of Preventive Medicine (M. L. Moeschberger), 22 March 1985 through 21 December 1985. (Project 764718 - New)

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$1,390.00 - Research Management Corporation, Falls Church, VA, Technical Assistance for Research Management Corporation, The National Center for Research in Vocational Education (R. E. Taylor), 1 May 1985 through 31 May 1985. (Project 768053 - New)

TOTAL - INDUSTRIAL AWARDS \$ 847,988.00

Other Non-Federal Research Contracts/Grants

\$55,047.00 - University of Maine, Orono, ME, Glaciological Work at the Jakobshavns Glacier Area of Greenland, Institute of Polar Studies (D. H. Elliot and H. H. Brecher), 1 May 1985 through 30 April 1986. (Project 764717 - New)

\$45,000.00 - University of Dayton, Dayton, OH, 94-GHz Transmitter, Department of Electrical Engineering, ElectroScience Laboratory (C. A. Levis), 31 January 1985 through 30 September 1985. (Project 764435 - Continuation)

\$42,000.00 - Montgomery County Joint Vocational School, Clayton, OH, A Program to Review Vocational Guidance Knowledge for Incorporation into Counselor Training Programs, The National Center for Research in Vocational Education (R. E. Taylor), 15 February 1985 through 15 September 1985. (Project 764707 - New)

\$39,063.00 - Southeastern Center for Electrical Engineering Education, St. Cloud, FL, Development of a Two-Bed Oxygen and Nitrogen Generating System Based on Complementary Pressure Swing Adsorption, Department of Chemical Engineering (K. S. Knaebel), 4 March 1985 through 30 September 1985. (Project 764685 - New)

\$36,085.00 - Board of Commissioners of Public Utilities of Nova Scotia, Halifax, Nova Scotia, A Proposal to Assist the Board of Commissioners of Public Utilities of Nova Scotia in Developing New Accounting Procedures for Maritime Telephone and Telegraph Co., The National Regulatory Research Institute (D. N. Jones), 1 May 1985 through 31 October 1985. (Project 764721 - New)

\$33,575.00 - American Iron and Steel Institute, Washington, DC, Mixing and Flow Control in Slab Caster Tundishes, Department of Metallurgical Engineering (Y. Sahai), 1 May 1985 through 30 April 1986. (Project 764124 - Continuation)

\$25,000.00 - American Lung Association, New York, NY, Edward Livingston Trudeau Scholar Award, Department of Medicine (P. M. Dorinsky), 1 July 1985 through 30 June 1986. (Project 764722 - New)

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$16,000.00 - Battelle Memorial Institute, Columbus, OH, Natural Analog Study Technical Support, Department of Geology and Mineralogy (K. A. Foland), 1 March 1985 through 31 August 1985. (Project 764352 - Continuation)

\$14,909.00 - American Lung Association of Ohio, Columbus, OH, Pleural Pressure and Bronchial-Parenchymal Interdependence in Horses, Department of Veterinary Physiology and Pharmacology (L. E. Olson), 1 July 1985 through 30 June 1986. (Project 764720 - New)

\$14,354.00 - Columbus Public Schools, Columbus, OH, Program of Technical Assistance to Support the Implementation of Competency-Based Training Programs, The National Center for Research in Vocational Education (R. E. Taylor), 1 April 1985 through 31 July 1985. (Project 764698 - New)

\$8,000.00 - Family Health Foundation of America, Kansas City, MO, Correlation of Electrogastrographic Data with Results from Solid Phase Gastric Emptying Studies, Department of Family Medicine (L. VandeCreek), 1 May 1985 through 30 April 1986. (Project 764682 - New)

\$7,667.00 - University of Minnesota, St. Paul, MN, Mathematical Sciences: Institute of Mathematics and Its Applications, Department of Mathematics (B. Mityagin), 1 April 1985 through 13 June 1985. (Project 764705 - New)

\$6,957.52 - American Lung Association of Ohio, Columbus, OH, Pathogenesis of Nonpulmonary Organ Failure in the Adult Respiratory Distress Syndrome, Department of Medicine (P. M. Dorinsky), 1 July 1985 through 30 June 1986. (Project 764725 - New)

\$5,814.00 - Cancer Therapy and Research Center, San Antonio, TX, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Pathology (R. V. O'Toole), 1 January 1985 through 31 December 1985. (Project 761460 - Continuation)

\$5,000.00 - Winn (Robert H.) Cat Research, Ocean, NJ, Characterization of Renal Mineral Fractional Excretion in Cats Affected with Feline Urologic Syndrome, Department of Veterinary Clinical Sciences (D. J. Chew), 1 May 1985 through 30 April 1986. (Project 764701 - New)

\$4,373.00 - Cancer Therapy and Research Center, San Antonio, TX, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Medicine and Cancer Research Center (M. R. Grever), 1 January 1985 through 31 December 1985. (Project 764689 - New)

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$4,000.00 - Greater Columbus Arts Council, Columbus, OH, Presentation of Paul Taylor's AURIOLE, Department of Dance (M. R. Pierson), 1 April 1986 through 30 March 1988. (Project 764716 - New)

\$3,500.00 - Ohio Pork Producers Council, Westerville, OH, The Relationship of Sow Productivity Performance and the Ability of a Sow to Cycle, Breed and Conceive Following Weaning of Her First Litter, Department of Animal Science - OARDC and Department of Animal Science (K. M. Irvin), 1 May 1985 through 30 April 1986. (Project 764691 - New)

\$3,001.00 - Cancer Therapy and Research Center, San Antonio, TX, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Medicine (S. P. Balcerzak), 1 January 1985 through 31 December 1985. (Project 763118 - Continuation)

\$3,000.00 - D.C. Department of Corrections, Washington, DC, National Corrections Education Consortium, The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1984 through 30 September 1985. (Project 764553 - Continuation)

\$3,000.00 - National Kidney Foundation of Central Ohio, Inc., Columbus, OH, Cellular Manifestations of Parathyroid Hormone Effects in the Proximal Tubule, Department of Physiology (B. A. Biagi), 1 July 1985 through 30 June 1986. (Project 764711 - New)

\$2,000.00 - Greater Columbus Arts Council, Columbus, OH, 1985-86 Young Concert Artist Series, Mershon Auditorium (T. M. Van Leer), 21 November 1985 through 11 April 1986. (Project 764708 - New)

\$2,000.00 - State of New Jersey, Division of Vocational Education, Trenton, NJ, National Entrepreneurship Education Consortium, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1984 through 30 June 1985. (Project 764317 - Continuation)

\$1,420.00 - Cleveland Board of Education, Cleveland, OH, Technical Assistance for Cleveland Board of Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 February 1985 through 31 May 1985. (Project 768052 - New)

TOTAL - OTHER NON-FEDERAL AWARDS

\$ 380,765.52

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$74,715.00 - from 30 sponsors of 34 development projects under the direction of seven departments.

\$10,000.00 - Southwest Research Institute, San Antonio, TX, "Dynamic Finite Element Analysis for High Strain Rate Crack Growth," Department of Engineering Mechanics, 8 May 1985 through 8 June 1986. (529677)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 84,715.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

The Margaret Speaks Vocal Scholarship

The Margaret Speaks Vocal Scholarship was established July 12, 1985, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the family of Margaret Speaks, B.A. Arts '25, soprano, in her memory.

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

The annual income shall be awarded on the basis of musical talent as follows: One-half of the annual income or not more than \$5,000 will be awarded to an Ohio State University School of Music female senior or graduate student who has demonstrated career potential in vocal music and either plans further study in graduate school, or pursues vocal training with a recognized teacher, or seeks affiliation with a professional music company. If there are no candidates for the award in any given year, the earnings are to be added to the principal. The other one-half of the annual income is to be used for full-tuition scholarships for undergraduate female voice majors.

Recipients will be selected by the University Committee on Student Financial Aid in consultation with the Director of the School of Music and the appropriate music faculty, and with the approval of the Dean of the College of The Arts.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, after prior consultation with the family of John C. Speaks and the official responsible for academic programs in the School of Music.

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Dr. Bernie A. and Dona L. McConnell
Pediatric Dental Education Fund

The Dr. Bernie A. and Dona L. McConnell Pediatric Dental Education Fund was established July 12, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Bernie A. McConnell, D.D.S. '53, and Dona L. McConnell, B.S.Bus.Adm. '52.

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

The annual income shall be used to support a yearly post-graduate seminar in the field of Pediatric Dentistry.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used by the person responsible for Pediatric Dental Education in The Ohio State University College of Dentistry as he or she deems appropriate, giving emphasis to Preventive Pediatric Dentistry. However, if the need again arises for an annual or bi-annual seminar, those funds should be directed to this area.

The Ray and Jane Armbruster Fund

The Ray and Jane Armbruster Fund was established July 12, 1985, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of L. Raymond Armbruster, Columbus, Ohio.

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

The annual income shall be distributed to the Robert Kepler Golf Fund and used by the management of the Ohio State golf courses at their discretion.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the Department of Athletics.

Waldo Francis Davis Memorial Scholarship Fund

The Waldo Francis Davis Memorial Scholarship Fund was established July 12, 1985, by the Board of Trustees of The Ohio State University with a bequest to the Office of University Development from Anna Agnes Davis, Lima, Ohio.

July 12, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Waldo Francis Davis Memorial Scholarship Fund (contd)

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

The annual income shall be used to provide one more more scholarships for students who attend The Ohio State University Lima Campus. The scholarships will be awarded based on recognized ability and devotion to an agriculture-related career. The recipient must have express intentions to major in agriculture or an agriculture-related career. Selection of the award recipients shall be made by the University Committee on Student Financial Aid upon the recommendation of the Dean and Director of The Ohio State University Lima Campus.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for agriculture education at the Lima Campus.

The Judy Stewart Mesenburg Memorial Scholarship Fund

The Judy Stewart Mesenburg Memorial Scholarship Fund was established July 12, 1985, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from William H. Monteith, Sr., in honor and in memory of Judy Stewart Mesenburg, B.A. Journalism '80.

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

Ninety percent (90%) of the annual income shall be used to award a minimum of one but no more than two scholarships each year to a student or students in the School of Journalism, majoring in Public Relations, who (whom) best exemplify the academic excellence and professional leadership characteristics of Judy Stewart Mesenburg. The minimum scholarship amount will be \$500. When ninety percent (90%) of the annual income exceeds or equals \$1,000, it shall then be used to fund equally two scholarships. The remaining ten percent (10%) of the income earned each year shall be applied to the principal.

Selection of the award recipients will be made by the University Committee on Student Financial Aid upon the recommendations of the School of Journalism's Scholarship Committee and the approval of its Director.

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Judy Stewart Mesenburg Memorial Scholarship Fund (contd)

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for journalism scholarships.

The Marion Amy Thomas Fund

The Marion Amy Thomas Fund was established July 12, 1985, by the Board of Trustees of The Ohio State University with a gift to the Office of University Development from Marion Amy Thomas, B.S.H.E. '17, B.S.Ed. - Home Economics '18, M.A. Sociology '32, Columbus, Ohio.

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

The annual income shall be allocated to the Dean of Home Economics Discretionary Fund. Funds will be used to benefit the College of Home Economics at the Dean's discretion.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendation of the Dean of the College of Home Economics.

Lois E. Dickey Endowment

The Lois E. Dickey Endowment was established July 12, 1985, by the Board of Trustees of The Ohio State University with gifts to the Office of University Development from friends, colleagues, students and family of Lois E. Dickey.

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

The annual income shall be used to fund an award in support of graduate student research in the Department of Textiles and Clothing in the College of Home Economics. Selection of the award recipient shall be made by the graduate faculty of the Department of Textiles and Clothing with preference given to those applicants who are international students. The award will be made by the Dean of the College of Home Economics based upon the recommendation of the graduate faculty.

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Lois E. Dickey Endowment (contd)

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the Chairperson of the Department of Textiles and Clothing and the Dean of the College of Home Economics.

Change of Name and Description of Named Fund

Ohio 4-H Foundation Fund

The Ohio 4-H Club Foundation was established July 1, 1946, by the Board of Trustees of The Ohio State University with gifts from the 4-H Clubs of the State of Ohio which are under the direction of the Ohio Cooperative Extension Service professional staff. This description has been changed at the request of the Ohio 4-H Foundation Board of Directors, a volunteer organization representing the donors to this fund and the Ohio Cooperative Extension Service, July 12, 1985.

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

The annual income shall be used to improve the quantity and quality of the 4-H Programs under the auspices of The Ohio State University in a manner that will supplement but not replace those tax dollars appropriated to the Ohio Cooperative Extension Service. This may include, but shall not be limited to, undergraduate and graduate financial aid, support for conferences and symposia for 4-H members, volunteer leaders and others, and to support other programs, materials or equipment that will increase the support and visibility of the 4-H Program. All expenditures of the income from this endowment shall be approved by the Ohio 4-H Foundation Board of Directors. .

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the Ohio Cooperative Extension Service.

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REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS

Resolution No. 86-10

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Finance to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

MCCRACKEN POWER PLANT - COAL FIRED BOILER
PHASES II AND III

Description:

PHASE II - Extension of central steam utility services from McCracken Power Plant to river dormitories and mid-west campus, and enhancement of steam service to the Hospitals complex.

PHASE III - Improvements to McCracken Power Plant in support of the Coal Fired Boiler, and replacement of an outdated plant electrical system.

The work of the two phases, scheduled to begin in August 1985, will be done simultaneously. Completion of Phase III is expected by early 1987, and completion of Phase II is expected by the end of 1987.

PHASE II

Distribution System Contract

Date Received:	June 6, 1985
No. of Bids:	4
Low Bid:	\$4,600,500.00*
High Bid:	\$5,419,500.00*
Estimate of Cost:	\$3,996,115.00*
Awarded to:	J. A. Croson Co., Columbus, OH

Electrical Distribution System Contract

Date Received:	June 6, 1985
No. of Bids:	1

*Recommended alternates included in these figures.

July 12, 1985 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**MCCRACKEN POWER PLANT - COAL FIRED BOILER
PHASES II AND III (contd)**

PHASE II (contd)

Electrical Distribution System Contract (contd)

Low Bid: \$ 39,300.00

High Bid: \$ 39,300.00

Estimate of Cost: \$ 54,385.00

Awarded to: Electric Power Equipment Co., Columbus,
OH

TOTAL PHASE II CONTRACTS \$4,639,800.00*

PHASE III

General Contract

Date Received: May 29, 1985

No. of Bids: 6

Low Bid: \$1,772,000.00*

High Bid: \$1,994,500.00*

Estimate of Cost: \$1,369,942.00*

Awarded to: Vesta Construction, Bellefontaine, OH

Plumbing Contract

Date Received: May 29, 1985

No. of Bids: 1

Low Bid: \$ 97,769.00

High Bid: \$ 97,769.00

Estimate of Cost: \$ 107,200.00

Awarded to: R. H. Reeb, Columbus, OH

Power Piping Contract

Date Received: May 29, 1985

No. of Bids: 4

*Recommended alternates included in these figures.

July 12, 1985 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

MCCRACKEN POWER PLANT - COAL FIRED BOILER
PHASES II AND III (contd)

PHASE III (contd)

Power Piping Contract (contd)

Low Bid:	\$ 2,434,450.00*
High Bid:	\$ 3,089,000.00*
Estimate of Cost:	\$ 3,067,660.00*
Awarded to:	Sauer Mechanical, Columbus, OH

Electric Contract

Date Received:	May 29, 1985
No. of Bids:	3
Low Bid:	\$ 1,342,100.00*
High Bid:	\$ 1,592,050.00*
Estimate of Cost:	\$ 2,187,186.00*
Awarded to:	Electric Power Equipment Co., Columbus, OH

TOTAL PHASE III	\$ 5,646,319.00*
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Total Phase I (award reported to BOT 9/7/84)	\$ 4,251,900.00
Total Phase II	\$ 4,639,800.00
Total Phase III	\$ 5,646,319.00
Total All Contracts:	\$14,538,019.00
Total Contingency Allowance:	\$ 958,891.00 (which is 7% of construction costs)
Total Project Cost:	\$18,600,000.00
Funding:	Revenue bonds

*Recommended alternates included in these figures.

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

OARDC - ANIMAL HEALTH AND GNOTOBIOTIC LABORATORY

Description: Construction of a new building which will be used as a laboratory for producing and using gnotobiotic calves, pigs, lambs and turkeys in the study of diseases of food-producing animals, in order to develop methods such as vaccines to protect the animals. Facilities for surgery, and use of radioactive isotope tracers will be shared by the Departments of Animal Science, Dairy Science and Poultry Science. Work is scheduled to begin approximately August 15, 1985, and be completed during the spring of 1987.

General Contract

Date Received:	May 16, 1985
No. of Bids:	5
Low Bid:	\$1,318,841.00*
High Bid:	\$1,347,000.00
Estimate of Cost:	\$1,283,964.00
Awarded to:	Bogner Construction Co., Wooster, OH

Plumbing Contract

Date Received:	May 16, 1985
No. of Bids:	3
Low Bid:	\$ 310,000.00*
High Bid:	\$ 359,800.00
Estimate of Cost:	\$ 309,925.00
Awarded to:	Schmid Plumbing, Wooster, OH

HVAC Contract

Date Received:	May 16, 1985
No. of Bids:	2
Low Bid:	\$ 809,900.00*
High Bid:	\$ 832,460.00

*General Contract, Plumbing Contract and HVAC Contract is in excess of the filed estimate of cost; however the total price of all contracts is within 10% above the total estimate of cost and is recommended for award as provided by Section 153.12 of the Ohio Revised Code.

July 12, 1985 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

OARDC - ANIMAL HEALTH AND GNOTOBIOTIC LABORATORY (contd)

HVAC Contract (contd)

Estimate of Cost:	\$ 778,653.00
Awarded to:	Soehlen Piping, Lewisville, OH

Electric Contract

Date Received:	May 16, 1985
No. of Bids:	4
Low Bid:	\$ 247,980.00
High Bid:	\$ 285,693.00
Estimate of Cost:	\$ 270,205.00
Awarded to:	Hilscher-Clarke, Canton, OH

Total All Contracts:	\$2,686,721.00
Total Contingency Allowance:	\$ 134,335.73 (which is 5% of construction costs)
Total Project Cost:	\$3,054,158.02
Funding:	SB 381, Am. Sub. HB 552, HB 729 and University Funds

*General Contract, Plumbing Contract and HVAC Contract is in excess of the filed estimate of cost; however the total price of all contracts is within 10% above the total estimate of cost and is recommended for award as provided by Section 153.12 of the Ohio Revised Code.

ENERGY CONSERVATION MODIFICATIONS
LINCOLN AND MORRILL TOWERS

Description: This energy conservation project involves damper and return air modifications, installation of time clocks for air systems and night shutdown of heating, ventilating and air conditioning systems and window retrofit. Work is scheduled to begin July 1985, and be completed July 1986.

General Contract

Date Received:	May 14, 1985
No. of Bids:	1

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

ENERGY CONSERVATION MODIFICATIONS
LINCOLN AND MORRILL TOWERS (contd)

General Contract (contd)

Low Bid:	\$ 115,500.00*
High Bid:	\$ 115,500.00*
Estimate of Cost:	\$ 142,290.00*
Awarded to:	Waller & Lund Inc., Columbus, OH

HVAC Contract

Date Received:	May 14, 1985
No. of Bids:	3
Low Bid:	\$ 422,000.00*
High Bid:	\$ 510,100.00*
Estimate of Cost:	\$ 432,625.00*
Awarded to:	R. M. Giehl Inc., Columbus, OH

Electric Contract

Date Received:	May 14, 1985
No. of Bids:	1
Low Bid:	\$ 15,493.00*
High Bid:	\$ 15,493.00*
Estimate of Cost:	\$ 21,230.00*
Awarded to:	Frush & Homan, Columbus, OH

Total All Contracts:	\$ 552,993.00*
Total Contingency Allowance:	\$ 52,807.71 (which is 10% of construction costs)
Total Project Cost:	\$ 682,800.00*

Funding:	Federal Grant and University Funds
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*Recommended alternates reflected in these figures.

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

WINDOW REPLACEMENTS

Description: This project involves the replacement of deteriorated window units in Ramseyer Hall and Johnston Laboratory, reducing energy losses and adding to the buildings' comfort. Work is scheduled to begin in late summer with installation completed within 180 days from that time.

General Contract

Date Received:	May 21, 1985
No. of Bids:	3
Low Bid:	\$ 331,964.00*
High Bid:	\$ 347,081.00*
Estimate of Cost:	\$ 316,000.00*
Awarded to:	Concept Construction Co., Columbus, OH
Total All Contracts:	\$ 331,964.00*
Total Contingency Allowance:	\$ 16,598.22 (which is 5% of construction costs)
Total Project Cost:	\$ 355,594.89
Funding:	HB 798 and U & R

*Recommended alternate included in these figures.

MASONRY IMPROVEMENTS - EXTERIOR

Description: Replacement of missing mortar joints, missing, broken or spalled brick, and damaged stone on Hayes Hall, Townshend Hall and on the west, south and north elevations of MacQuigg Laboratory. Work is scheduled to begin August 1985 and be completed in December 1985.

General Contract

Date Received:	June 12, 1985
No. of Bids:	4
Low Bid:	\$ 259,826.00*
High Bid:	\$ 359,320.00*

*Recommended alternates included in these figures.

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

MASONRY IMPROVEMENTS - EXTERIOR (contd)

General Contract (contd)

Estimate of Cost:	\$ 433,500.00*
Awarded to:	Trisco Systems, Lima, OH
Total All Contracts:	\$ 259,826.00*
Total Contingency Allowance:	\$ 20,716.09 (which is 8% of construction costs)
Total Project Cost:	\$ 286,600.00*
Funding:	HB 798 U & R

*Recommended alternates included in these figures.

COLLEGE ROAD EXTENSION (SOUTH)

Description: This project will provide a two lane, one-way northbound roadway aligned with College Road, extending from West 10th to West 11th Avenues together with appropriate signage and traffic control. Work is scheduled to begin July 1985, and be completed within sixty days.

General Contract

Date Received:	May 21, 1985
No. of Bids:	3
Low Bid:	\$ 115,583.52* **
High Bid:	\$ 128,616.04*
Estimate of Cost:	\$ 111,328.00*
Awarded to:	Gaddis Construction, Gahanna, OH
Total All Contracts:	\$ 115,583.52*
Total Contingency Allowance:	\$ 11,025.52 (which is 9.5% of construction costs)
Total Project Cost:	\$ 129,894.00*
Funding:	University Funds

*Recommended alternates reflected in these figures.

**General Contract is in excess of filed estimate of cost; however, the total price of the contract is 4% over the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code.

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

UNIVERSITY HALL ROOF REPLACEMENT

Description: Replacement of deteriorated built-up roof with a new tapered, single-ply E.P.D.M. adhered roof system. Work is scheduled to begin August 1985, and be completed in December 1985.

General Contract

Date Received:	June 4, 1985
No. of Bids:	4
Low Bid:	\$ 88,765.00
High Bid:	\$ 132,965.00
Estimate of Cost:	\$ 123,000.00
Awarded to:	Mid American Roofing, Perrysburg, OH
Total All Contracts:	\$ 88,765.00
Total Contingency Allowance:	\$ 7,028.50 (which is 8% of construction costs)
Total Project Cost:	\$ 98,500.00
Funding:	University Funds, B/A 210134 (Contract Repair 1984-1985)

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

Upon motion of Mr. Immke, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution with seven affirmative votes cast by Messrs. Havens, Redman, Immke, Berry, Barone, and Mrs. Bowser and Ms. Casto, and an abstention by Mr. Teaford.

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ANNEXATION OF PROPERTY
TO THE CITY OF COLUMBUS

Resolution No. 86-11

Synopsis: Annexation of approximately 1,000 acres of University property to the City of Columbus is proposed.

ANNEXATION OF PROPERTY
TO THE CITY OF COLUMBUS (contd)

WHEREAS approximately 1,000 acres of The Ohio State University's West Campus is located in unincorporated Clinton Township of Franklin County; and

WHEREAS sewer and water services, which can be provided by the City of Columbus, are vital for the future development of this land for the University's Research Park facilities; and

WHEREAS the appropriate University offices have determined that annexation of this property by the City of Columbus is in the best interest of the University;

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees of The Ohio State University strongly supports annexation of this property to the City of Columbus and urges the City of Columbus and the Board of Commissioners of Franklin County to approve this annexation; and

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Finance be authorized to act for and on behalf of the University in developing and executing the necessary legal instruments to provide for annexation of this property to the City of Columbus.

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

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EASEMENT
CITY OF COLUMBUS

Resolution No. 86-12

Synopsis: Authorization to grant a highway easement to the City of Columbus is requested.

WHEREAS the City of Columbus has requested a 15-year easement consisting of a strip of land 60 feet wide and 715 feet long near the intersection of Sawmill Road and Cranston Drive for the purpose of installing turn lanes; and

WHEREAS the appropriate University offices have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

July 12, 1985 meeting, Board of Trustees

EASEMENT
CITY OF COLUMBUS (contd)

Upon motion of Mrs. Bowser, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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EASEMENT
OHIO FUEL GAS COMPANY

Resolution No. 86-13

Synopsis: Renewal of a gas line service easement to Ohio Fuel Gas Company is proposed.

WHEREAS in 1970 the University granted to Ohio Fuel Gas Company a 15-year easement consisting of a 20-foot strip of land approximately 2063 feet in length running south of Reservoir Road on the Lima Campus for the purpose of maintaining a 20-inch gas pipeline; and

WHEREAS this easement expired on June 16, 1985, and Ohio Fuel Gas Company has requested a renewal of the easement for a period of 15 years; and

WHEREAS the consideration for this easement will be \$5,000.00; and

WHEREAS the appropriate University offices have recommended the renewal of this easement:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

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

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EASEMENT
OHIO POWER COMPANY

Resolution No. 86-14

Synopsis: Authorization to grant an easement to the Ohio Power Company for installation of electric lines is requested.

July 12, 1985 meeting, Board of Trustees

EASEMENT
OHIO POWER COMPANY (contd)

WHEREAS the Ohio Power company has requested a 15-year easement consisting of a 20-foot wide strip of land 216 feet in length for the installation of electric lines to service the new Student Activities Center located at the Agricultural Technical Institute; and

WHEREAS the electric lines will serve only University property; and

WHEREAS the appropriate University offices have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

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

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REAPPOINTMENT OF INVESTMENT COUNSELORS

Resolution No. 86-15

Synopsis: Reappointment of Investment Advisors is proposed.

WHEREAS it is the policy of The Ohio State University to utilize the services of external Investment Advisors to assist in the management of the University's Endowment Fund; and

WHEREAS the Fiscal Affairs Committee of the Board of Trustees periodically reviews the results obtained by external Investment Advisors and the amount of funds assigned to each of them; and

WHEREAS it is prudent investment policy to adjust the mix and amounts of money assigned to external Investment Advisors as economic conditions change; and

WHEREAS the number of external Investment Advisors and the amount of funds assigned to them shall be determined by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That upon the recommendation of the Fiscal Affairs Committee of the Board of Trustees the following named external Investment Advisors shall be reappointed to counsel in the management of Endowment Fund investments totaling the initial amounts indicated:

REAPPOINTMENT OF INVESTMENT COUNSELORS (contd)

Centerre Trust Company	\$10,000,000
The Chicago Corporation	\$15,000,000
Huntington Investment Management Company	\$ 9,500,000
Neuberger & Berman Mutual Funds:	
Energy Fund	\$ 2,000,000
Guardian Fund	\$ 2,000,000
Partners Fund	\$ 1,000,000
Siebel Capital Management, Incorporated	\$16,000,000
Starbuck, Tisdale & Williams	\$10,000,000

Upon motion of Mrs. Bowser, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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President Jennings made the following statement:

It is clear from the figures for the 1985-86 budget that this is the most promising fiscal outlook for the institution that has been presented to this Board in several years. Our recovery from the difficulties of the past budget cutbacks has been slow and deliberate, and our allocations and projections must of course remain conservative. However, the overall picture is undoubtedly brighter for Ohio State. We owe much of the credit for these new opportunities for progress to the foresight of the General Assembly and the Governor. For the new biennium, it is clear that both political parties have placed a high priority on excellence in higher education for the State of Ohio.

I want to make special note of the state's strong effort to improve accessibility and college-going rates in Ohio by reducing the share of college costs that students must pay through their tuition. I pledged at the last meeting of the Board that our response to adequate Instructional Subsidy funding, would be a further effort to do more to enhance accessibility at Ohio State. The budget presented here, represents our fulfillment of that pledge. We have held the average of all fee increases for our students to under four percent for 1985-86; and, with this budget, there will be no increase in tuition at Ohio State for the second year of the biennium.

Also encouraging is the state's continued emphasis on academic quality through the expanded Selective Excellence initiatives. Last year, the Eminent Scholars competition and the undergraduate Program Excellence Awards represented important first steps. This

July 12, 1985 meeting, Board of Trustees

President Jennings: (contd)

year, the state budget incorporates several progressive moves to strengthen Ohio's economic redevelopment potential through funding for higher education.

In particular, the new Research Challenge matching grants provide a great opportunity for Ohio State, in our traditional university role as the heart of the research efforts that are so important to the future. We will be working in close consultation with the Board of Regents, as well as with our faculty, on the allocation decisions that will be forthcoming under the Research Challenge, to ensure the greatest possible return for the University and the state on this long-term investment in research and scholarship.

Ohio State has continued, even during the past severe budgetary constraints, to implement the selective excellence concept within the institution. We have moved forward to help ourselves in the pursuit of excellence through selective internal reallocations of scarce resources. The new one-percent Academic Challenge funds provided by the state this year will allow us to expand our own efforts to identify academic programs which already are outstanding, or which have the potential to very quickly achieve pre-eminence with an infusion of new funding.

Last year, special budget allocations were provided to recognize the excellence of political science, chemistry, and manufacturing engineering. For the coming academic year, three more outstanding programs have been singled out for similar recognition. Special allocations for 1985-86 have been made for dance, physics, and history. We congratulate the faculty members of these areas on their past achievements, and on the ambitious and coherent plans that each of these departments has in place for expanding and strengthening its academic stature.

Finally, I want to note another major new development for the University. On July 3, the Governor signed into law a bill in which the State of Ohio provides the University, for the first time in its history, with full budgetary authority for our Classified Civil Service staff members. We are all well-aware and deeply appreciative of the important contributions by the support staff of the University, who make the academic achievements of our faculty and students possible.

It is our staff members who undertake the day-to-day business of keeping the University running smoothly. We are very pleased that the Current Funds Budget presented today, includes raises for the Classified Civil Service staff affected by this new legislation as an addition to the provisional budget adopted by the Board last month. We will in the future include recommendations for those Civil Service staff members as part of the University's normal budget processes.

1985-86 CURRENT FUNDS BUDGET

Resolution No. 86-16

Synopsis: The budget for 1985-86 is being submitted for adoption.

WHEREAS the levels of State support have been established with the enactment of budget legislation for the 1985-87 biennium; and

WHEREAS this Board approved a provisional budget for 1985-86 at its June meeting; and

WHEREAS the President is now prepared to present the final 1985-86 budget:

NOW THEREFORE

BE IT RESOLVED, That the University Current Funds Budget for Fiscal Year 1985-86, as described in the accompanying text and tables, be approved, with authorization for the President to make expenditures within the projected income levels; and

BE IT FURTHER RESOLVED, That student fees be increased by an average of 4 percent beginning Autumn Quarter, 1985, and that the Schedule of Student Fees effective Autumn Quarter, 1985, be hereby approved; and

BE IT FURTHER RESOLVED, That the Secretary be instructed to incorporate all supporting documents into the minutes of this meeting, including salary rolls with promotions, and fees and charges for the Fiscal Year 1985-86, and to file these materials with the official records of this University.

Mr. Havens made the following statement:

Before we ask for a motion on the President's report and recommendations, I would like to read a report from the Personnel Committee of the Board.

The Personnel Committee of this Board met last night and the following report is submitted to the Board of Trustees.

As a Board, we have continued the practice of making an ongoing evaluation of the President's performance and we believe that our assessment of his performance should be publicly recorded. Last year it was noted that President Jennings' leadership, service, dedication and achievements on behalf of the University had been exceptional. This year we have again concluded that on the basis of demonstrable results his performance has been noteworthy and deserving of recognition. Given his performance and continued excellence in leadership we have concluded that he merits a salary increase commensurate with his achievements. We recommend a salary increase of \$8,000.00.

The Secretary of the Board is hereby authorized and directed to develop the appropriate documents/agreements to implement this compensation change.

1985-86 CURRENT FUNDS BUDGET (contd)

Mr. Havens: (contd)

May I now have a motion to approve the President's budget report and recommendation as well as the Personnel Committee's proposal relative to President Jennings' salary for the coming year?

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

1985-86 CURRENT FUNDS BUDGET THE OHIO STATE UNIVERSITY

I. INTRODUCTION

In June, 1985, this Board approved budget guidelines and a provisional budget for the 1985-86 fiscal year. These approvals were in anticipation of the funding authorization from the State of Ohio in the budget bill then under consideration.

The Ohio General Assembly proceeded to pass budget legislation for the 1985-87 biennium and the Governor has signed this legislation. The level of State funds provided for the 1985-86 fiscal year will enable this University to support the budget guidelines authorized by this Board on June 7, 1985, including keeping the increases in University fees and charges to an average rate not to exceed 4 percent.

II. SOURCES OF FUNDS

The sources of current funds in support of the 1985-86 budget total \$827,857,000, as detailed in the Sources of Income to Support 1985-86 Budget. This amount includes State support totaling \$267,653,000, which incorporates the estimated shares to be received by Ohio State from the competitive allocations. Of these sources of funds, Columbus Campus general funds represent 43 percent of the total with earnings operations generating 32 percent, restricted grants and contracts 19 percent, and the regional campuses revenues with OARDC totaling 6 percent.

Included in Ohio State's 1985-86 budget are two important new components of State funding for selective excellence which will greatly assist this University in extending its excellence in teaching and research. The State will provide an additional one percent of the instructional subsidy amount each year of the 1985-87 biennium as an academic challenge. These funds will be directed toward expanding the efforts initiated by Ohio State last year of further enhancing the quality of selected programs recognized nationally as outstanding in their fields. These Academic Challenge monies are expected to total \$2,135,200 during 1985-86.

The State's Research Challenge support has been created to stimulate increased research activity throughout higher education in Ohio. The State has authorized about \$12 million in 1985-86 and \$16 million in 1986-87, which is to be distributed on a formula basis recognizing the amounts of sponsored research dollars each university has been earning. While the Board of Regents have yet

July 12, 1985 meeting, Board of Trustees

1985-86 CURRENT FUNDS BUDGET THE OHIO STATE UNIVERSITY (contd)

to define the process for allocating these important new research monies, Ohio State can expect to receive around \$5.3 million in 1985-86 based upon proven experience in sponsored research activities.

The budget guidelines approved in June, 1985, included a 4 percent increase in student fees, and the final State budget provided no additional funding which would have enabled this University to further reduce the high percentage of students' contribution to their costs for higher education. While every effort is being made to improve student accessibility through moderate student tuition increases, quality education continues to be the highest priority. Therefore, the average increase in student fees has been recommended at 4 percent effective Autumn Quarter, 1985. However, with the instructional subsidy support provided in the State biennial budget, Ohio State will be able to retain those tuition rates through the 1985-87 biennium.

Every effort has been made to maintain all fees and charges of the University within an overall average of 4 percent, and this result has been achieved with the final average being 3.34 percent. Even more important to achieving the goal of improved accessibility is that the charges to typical students averaged less than 4 percent. The increase in typical student charges ranges from 3.62 to 3.88 percent, as detailed in the supporting budget materials.

III. USES OF FUNDS

As detailed in the summary of Budgeted Expenditures for 1985-86 and the supporting documents, this University's current fund expenditures total \$827,694,000, in support of the budget guidelines authorized by this Board at its meeting on June 7, 1985.

Legislation recently passed by the Ohio General Assembly gives The Ohio State University the authority to determine the wages of University classified civil service employees who are not members of certified bargaining units. In the past, the University was able to set the wages only for faculty and professional staff members; wages for classified civil service staff were determined by the Ohio General Assembly.

The 1985-86 budget includes the recommendation that the base hourly rates of the current classified pay schedule be adjusted to reflect an average annual pay increase for Classified Civil Service employees who are not members of certified bargaining units, including step increases, of 6.5 percent. In the future, recommendations for wage increases for Classified Civil Service employees who are not members of a certified bargaining unit will be regularized and presented to the Board during the University's general budget process each spring, with raises generally effective with the start of each new fiscal year.

The level of funding provided from State funds will support the expenditure of \$8.0 million in one-time funds for equipment enhancements, facilities renovations and acquisition of library materials. However, of this amount only \$5.5 million is available from central resources, with the \$2.5 million balance to be provided from college and departmental resources as matching support.

July 12, 1985 meeting, Board of Trustees

**1985-86 CURRENT FUNDS BUDGET
THE OHIO STATE UNIVERSITY (contd)**

It is important that both years of the 1985-87 biennium be considered in our budget planning since State funding has been authorized for the two-year period. With the amount of State funding provided in Amended House Bill 238, budget plans for the biennium will require continued reallocations from existing college and departmental budgets. The reallocation target for this biennium is 2.5 percent of the 1985-86 base budgets, which will be planned and implemented during the 1985-87 biennium.

THE OHIO STATE UNIVERSITY
Sources of Income to Support 1985-86 Proposed Budget
(In Millions)

	1984-85 Budget <u>July 7, 1984</u>	1984-85 Revised Estimate	1985-86 Proposed Budget
Columbus Campus			
State Appropriations	\$ 207.98	\$ 209.24	\$ 241.33
Student Fees	116.50	116.68	120.22
Other Income			
Federal Appropriations & Grants	84.19	81.44	84.46
Ohio Grants & Contracts	8.44	7.01	7.23
Local Grants & Contracts	11.12	10.73	11.04
Private Gifts & Grants	32.71	34.63	37.18
Endowment Income	7.18	6.51	6.77
Departmental Sales & Services	17.28	19.83	21.16
Auxiliary Sales & Services	66.69	66.83	69.35
Hospital Sales & Services	171.69	162.80	165.43
Other Sources	15.84	16.85	15.86
Subtotal Other Income	\$ 415.14	\$ 406.63	\$ 418.48
Total Columbus Campus	\$ 739.62	\$ 732.55	\$ 780.03
Regional Campuses			
State Appropriations	\$ 7.06	\$ 7.20	\$ 8.17
Student Fees	6.63	6.19	6.34
Other Income	2.85	3.18	3.36
Total Regional Campuses	\$ 16.54	\$ 16.57	\$ 17.87
OARDC			
State Appropriations	\$ 14.36	\$ 14.36	\$ 18.15
Federal Appropriations & Grants	5.18	6.97	7.89
Other Income	5.42	3.76	3.92
Total OARDC	\$ 24.96	\$ 25.09	\$ 29.96
Total All Campuses	\$ 781.12	\$ 774.21	\$ 827.86
Total University Summary			
State Appropriations	\$ 229.40	\$ 230.80	\$ 267.65
Student Fees	123.13	122.87	126.56
Other Income	428.59	420.54	433.65
Grand Total Revenues	\$ 781.12	\$ 774.21	\$ 827.86

THE OHIO STATE UNIVERSITY
Proposed Budgeted Expenditures for 1985-86
(In Millions)

	<u>1984-85 Budget July 7, 1984</u>	<u>1984-85 Revised Estimate</u>	<u>1985-86 Proposed Budget</u>
Columbus Campus			
Educational & General	\$ 483.01	\$ 477.89	\$ 522.69
Auxiliary Enterprises			
Residence & Dining Halls	27.49	26.90	27.70
Intercollegiate Athletics	13.89	14.39	15.64
Other Auxiliaries	24.13	23.36	22.16
Total Auxiliaries	65.51	64.65	65.50
University Hospitals	181.64	170.85	177.50
Total Columbus Campus	\$ 730.16	\$ 713.39	\$ 765.69
Transfers	7.00	12.00	14.27
Grand Total Columbus	\$ 737.16	\$ 725.39	\$ 779.96
Regional Campuses			
Agricultural Technical Inst.	\$ 4.46	\$ 4.36	\$ 4.86
Lima Campus	3.17	3.36	3.59
Mansfield Campus	3.54	3.43	3.67
Marion Campus	2.37	2.30	2.57
Newark Campus	2.90	2.93	3.09
Total Regional Campuses	\$ 16.44	\$ 16.38	\$ 17.78
OARDC	\$ 24.96	\$ 25.09	\$ 29.96
Total All Campuses	\$ 778.56	\$ 766.86	\$ 827.70

THE OHIO STATE UNIVERSITY
1985-86 Current Funds Budget

Student Fee Schedule
Autumn 1985

College or School	Credit Hours Enrollment	Instructional Fees	General Fees	Resident Total	Non- Resident Tuition	Non- Resident Total
Undergraduate Colleges						
Administrative Science						
Agriculture & Home Economics						
Allied Medical Professions						
Architecture						
The Arts						
Biological Sciences						
Continuing Education						
Dental Hygiene						
Education						
Engineering	1	\$ 76	\$ 18	\$ 94	\$ 75	\$ 169
Health, Phys. Educ. & Rec.	2	95	23	118	151	269
Humanities	3	115	28	143	226	369
Journalism	4	153	37	190	301	491
Mathematics & Physical Sci.	5	191	46	237	377	614
Music	6	229	55	284	452	736
Natural Resources	7	267	64	331	527	858
Nursing	8	305	73	378	603	981
Pharmacy	9	344	83	427	678	1,105
Social & Behavioral Sciences	10	382	92	474	753	1,227
Social Work	11	420	101	521	829	1,350
University College	12	458	110	568	904	1,472
Graduate School						
	1	80	14	94	105	199
	2	127	22	149	210	359
	3	191	33	224	315	539
	4	254	44	298	420	718
	5	318	55	373	525	898
	6	382	66	448	630	1,078
	7	445	77	522	735	1,257
	8	509	88	597	840	1,437
	9	572	99	671	945	1,616
	10	636	110	746	1,050	1,796

UBO/June 7, 1985

THE OHIO STATE UNIVERSITY
1985-86 Current Funds Budget

Student Fee Schedule
Autumn 1985

College or School	Credit Hours Enrollment	Instructional Fees	General Fees	Resident Total	Non- Resident Tuition	Non- Resident Total
Graduate Professional Law (Semester)	3	\$ 281	\$ 41	\$ 322	\$ 422	\$ 744
	4	375	55	430	562	992
	5	469	69	538	703	1,241
	6	563	83	646	844	1,490
	7	1,125	165	1,290	1,687	2,977
Medicine	3	333	28	361	652	1,013
	4	444	37	481	869	1,350
	5	555	46	601	1,087	1,688
	6	666	55	721	1,304	2,025
	7	1,332	110	1,442	2,608	4,050
Dentistry	3	273	28	301	592	893
Optometry	4	364	37	401	789	1,190
Veterinary Medicine	5	455	46	501	987	1,488
	6	546	55	601	1,184	1,785
	7	1,092	110	1,202	2,368	3,570
Executive M.B.A. 2nd year	--	1767	106	1873	909	2782
Pharmacy, Doctor of	3	187	28	215	281	496
	4	250	37	287	375	662
	5	312	46	358	469	827
	6	375	55	430	563	993
	7	749	110	859	1,125	1,984

UBO/June 7, 1985

THE OHIO STATE UNIVERSITY
1985-86 Current Funds Budget

Student Fee Schedule
Autumn 1985

College or School	Credit Hours Enrollment	Instructional Fees	General Fees	Resident Total	Non- Resident Tuition	Non- Resident Total
Regional Campuses						
Undergraduate	1	\$ 76	\$ 16	\$ 92	\$ 75	\$ 167
	2	95	19	114	151	265
	3	115	23	138	226	364
	4	153	31	184	301	485
	5	191	39	230	377	607
	6	229	47	276	452	728
	7	267	54	321	527	848
	8	305	62	367	603	970
	9	344	70	414	678	1,092
	10	382	78	460	753	1,213
	11	420	85	505	829	1,334
	12	458	93	551	904	1,455
Graduate	1	80	12	92	105	197
	2	127	19	146	210	356
	3	191	28	219	315	534
	4	254	37	291	420	711
	5	318	47	365	525	890
	6	382	56	438	630	1,068
	7	445	65	510	735	1,245
	8	509	74	583	840	1,423
	9	572	84	656	945	1,601
	10	636	93	729	1,050	1,779

UBO/June 7, 1985

The Ohio State University CIVIL SERVICE PAY RANGE TABLE Effective Pay Period 2, 1985									
Pay Range	Step 1	Step 2	Step 3	Step 4	Step 5	Step 6	Step 7	Step 8	Step 9
SCHEDULE A									
01	5.54	5.72	5.89	6.09	6.28	6.48			
	11,523.20	11,897.60	12,251.20	12,667.20	13,062.40	13,478.40			
02	5.81	5.98	6.18	6.39	6.60	6.81			
	12,084.80	12,438.40	12,854.40	13,291.20	13,728.00	14,164.80			
03	6.09	6.28	6.50	6.72	6.95	7.18			
	12,667.20	13,062.40	13,520.00	13,977.60	14,456.00	14,934.40			
04	6.39	6.60	6.83	7.08	7.31	7.56			
	13,291.20	13,728.00	14,206.40	14,726.40	15,204.80	15,724.80			
05	6.72	6.95	7.20	7.45	7.63	7.88			
	13,977.60	14,456.00	14,976.00	15,496.00	15,870.40	16,390.40			
06	7.08	7.31	7.54	7.76	8.00	8.25			
	14,726.40	15,204.80	15,683.20	16,140.80	16,640.00	17,160.00			
07	7.45	7.63	7.87	8.12	8.39	8.71	8.99		
	15,496.00	15,870.40	16,369.60	16,889.60	17,451.20	18,116.80	18,699.20		
08	7.87	8.12	8.39	8.71	9.05	9.42	9.76		
	16,369.60	16,889.60	17,451.20	18,116.80	18,824.00	19,593.60	20,300.80		
09	8.39	8.71	9.05	9.42	9.87	10.31	10.74		
	17,451.20	18,116.80	18,824.00	19,593.60	20,529.60	21,444.80	22,339.20		
10	9.05	9.42	9.87	10.31	10.77	11.32	11.84		
	18,824.00	19,593.60	20,529.60	21,444.80	22,401.60	23,545.60	24,627.20		
11	9.87	10.31	10.77	11.32	11.87	12.45	13.04		
	20,529.60	21,444.80	22,401.60	23,545.60	24,689.60	25,896.00	27,123.20		
12	10.77	11.32	11.87	12.45	13.06	13.69	14.36		
	22,401.60	23,545.60	24,689.60	25,896.00	27,164.80	28,475.20	29,868.80		
SCHEDULE B									
23	5.89	6.09	6.28	6.50	6.72	6.95	7.18		
	12,251.20	12,667.20	13,062.40	13,521.00	13,977.60	14,456.00	14,934.40		
24	6.18	6.39	6.60	6.83	7.08	7.31	7.56		
	12,854.40	13,291.20	13,728.00	14,206.40	14,726.40	15,204.80	15,724.80		
25	6.50	6.72	6.95	7.20	7.45	7.63	7.88		
	13,520.00	13,977.60	14,456.00	14,976.00	15,496.00	15,870.40	16,390.40		
26	6.83	7.08	7.31	7.54	7.76	8.00	8.26		
	14,206.40	14,726.40	15,204.80	15,683.20	16,140.80	16,640.00	17,180.80		
27	7.20	7.45	7.63	7.87	8.12	8.39	8.71	8.99	
	14,976.00	15,496.00	15,870.40	16,369.60	16,889.60	17,451.20	18,116.80	18,699.20	
28	7.63	7.87	8.12	8.39	8.71	9.05	9.42	9.76	
	15,870.40	16,369.60	16,889.60	17,451.20	18,116.80	18,824.00	19,593.60	20,300.80	
29	8.12	8.39	8.71	9.05	9.42	9.87	10.31	10.74	
	16,889.60	17,451.20	18,116.80	18,824.00	19,593.60	20,529.60	21,444.80	22,339.20	
30	8.71	9.05	9.42	9.87	10.31	10.77	11.32	11.84	
	18,116.80	18,824.00	19,593.60	20,529.60	21,444.80	22,401.60	23,545.60	24,627.20	
31	9.42	9.87	10.31	10.77	11.32	11.87	12.45	13.04	
	19,593.60	20,529.60	21,444.80	22,401.60	23,545.60	24,689.60	25,896.00	27,123.20	
32	10.31	10.77	11.32	11.87	12.45	13.06	13.69	14.36	15.06
	21,444.80	22,401.60	23,545.60	24,689.60	25,896.00	27,164.80	28,475.20	29,868.80	31,324.80
33	11.32	11.87	12.45	13.06	13.69	14.36	15.07	15.81	16.58
	23,545.60	24,689.60	25,896.00	27,164.80	28,475.20	29,868.80	31,345.60	32,884.80	34,486.40
34	12.45	13.06	13.69	14.36	15.07	15.81	16.59	17.42	18.28
	25,896.00	27,164.80	28,475.20	29,868.80	31,345.60	32,884.80	34,507.20	36,233.60	38,022.40
35	13.69	14.36	15.07	15.81	16.59	17.42	18.26	19.18	20.13
	28,475.20	29,868.80	31,345.60	32,884.80	34,507.20	36,233.60	37,980.80	39,894.40	41,870.40
36	15.07	15.81	16.59	17.42	18.26	19.18	20.13	21.13	22.18
	31,345.60	32,884.80	34,507.20	36,233.60	37,980.80	39,894.40	41,870.40	43,950.40	46,134.40

REPORT - UNIVERSITY'S DEVELOPMENT FUND

Resolution No. 86-17

RESOLVED, That the report on the University's Development Fund as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 86-18

RESOLVED, That the report on the University's Investment Portfolio, dated June 21, 1985, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Friday, September 6, 1985, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 10:00 a.m.

Attest:

Madison H. Scott
Secretary

John F. Havens
Chairman

APPENDIX I

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

August 30, 1985

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Commencement Speaker

Amos H. Lynch, Sr.
Doctor of Humane Letters

Amos H. Lynch has been an important influence in the Columbus black community for more than three decades, first as managing editor and advertising and promotions director of *The Ohio Sentinel* and then, since 1962, as general manager of *The Columbus Call and Post*—Columbus' only black-owned and black-operated newspaper. Lynch has been recognized many times for his journalistic accomplishments with merit awards from the National Newspaper Publishers Association.

In the community, he has been vice chairman of the Columbus Area Chamber of Commerce, treasurer of the Columbus Urban League, president and executive secretary of the Mt. Vernon Avenue District Improvement Association, and coordinator of the Columbus Leadership Conference. Lynch is a trustee of St. Anthony Hospital and is currently involved with the Employment and Education Commission of Franklin County, the United Negro College Fund's Columbus Campaign Advisory Council, and the local United Way Advisory Board. He has been active in a large number of other community service organizations and efforts in the past. He has been recognized for his role in the community with numerous awards and citations, including "Man of the Year" honors from the Spring Street YMCA, East High School, and *The Columbus Citizen-Journal*.

A graduate of Columbus South High School, Lynch attended Ohio State and served in the Navy during World War II. Ohio State is proud to recognize this important community leader for the continued dedication and inspiration he provides to his fellow citizens.

Recipients of Honors

F. Miles Flickinger, M.D. Distinguished Service Award

One of the most influential leaders in the establishment of The Ohio State University at Lima is F. Miles Flickinger. He has been associated with Ohio State for half a century as student and loyal alumnus. He earned his bachelor's, master's, and medical degrees from Ohio State and has had a surgical practice in Lima since 1946. He was one of the individuals who provided support—both financially and through his counsel—to expand the University's involvement in Lima from its initial offering of courses in Lima Senior High School. Flickinger was a member of the first organized support group for the campus, known as the "Friends of the Lima Campus," and has been a member of the Lima Campus Citizen Council since 1975. He also was one of the first alumni appointed to represent regional campuses on the Alumni Association's Alumni Advisory Council. Flickinger is a member and past president of the Alumni Association. He has been a loyal supporter of both the Lima campus and the College of Medicine and is a member of The Presidents Club. Flickinger has helped Lima-area students further their educations through the Flickinger Family Foundation.

Beyond the Lima campus, Flickinger has been an active community leader as well. He has been a trustee of Lima Technical College, Trinity Methodist Church, the Ohio Methodist Theological School, and the Lima Chapter of the American Red Cross, a board member and president of the Boy Scouts' Shawnee Council, president of the Lima Kiwanis Club, and vice president of the Lima Area Association of Commerce. Flickinger is a fellow of the American College of Surgeons and an active member of the Central Surgical Society of America. Ohio State is proud to honor this dedicated alumnus.

John W. Nelson Distinguished Service Award

During his 30 years on the faculty of Ohio State's College of Pharmacy, John W. Nelson not only helped to shape the college's national reputation for excellence but also the building in which the college is housed. Nelson received his bachelor's degree in pharmacy from Purdue and his master's and doctoral degrees in pharmacology from the University of Florida and Purdue University, respectively. He joined the faculty of the Division of Pharmacology in 1947 as associate professor after teaching at the University of Georgia and Oregon State College. He was head of the division from 1948 to 1968, acting chair in 1973-74, and chair in 1976-77. He retired as professor emeritus in 1977. Nelson developed the College of Pharmacy's graduate program in pharmacology, which is recognized as one of the leading programs in pharmacy education in the nation. He was instrumental in the recruitment of outstanding faculty members who were committed to his goals of sound teaching coupled with high-quality research. Beyond his efforts to build the academic program, Nelson was coordinator in charge of planning and construction of Lloyd M. Parks Hall and spent countless hours working with the architects to ensure that the facility would complement the excellent programs it would house. His colleagues affectionately referred to the building as "the house that Jack built."

During his faculty career, Nelson was active in college and University affairs as well as in the American Pharmaceutical Association and the American Association of Colleges of Pharmacy. Nelson was a frequent guest lecturer and seminar instructor and wrote more than 50 publications in his areas of interest. The University proudly recognizes his contributions to excellence in pharmacy education.

The Graduate School

Dean: Roy A. Koenigskecht

Doctor of Musical Arts

E. Michael Harrington, Framingham, MA; B.Mus. [University of Lowell]; M.Mus. [University of Miami]; Music;
Dr. Thomas H. Wells

Ricky Ricardo Little, Winston-Salem, NC; B.A. [Oakwood College]; M.A.; Music;
Dr. Marshall H. Barnes

Doctor of Philosophy

Rolf Lionel Aalbu, Huntington Beach, CA; B.S., M.A. [California State University, Long Beach]; Entomology;
Dr. Charles A. Triplehorn

Muhammad Sani Abubakar, Danja, Kaduna, Nigeria; B.Sc. [Ahmadu Bello University]; M.S.; Physics;
Dr. John H. Shaw

Ali Abur, Ankara, Turkey; B.S. [Middle East Technical University]; M.S.; Electrical Engineering;
Dr. Ali Keyhani

Chang-Ho Ahn, Seoul, Korea; B.S. [Creighton University]; Pharmacy;
Dr. Dennis R. Feller

Olorunfemi Stephen Aladesuku, Ogbagi, Ondo, Nigeria; B.S. [University of Ife]; Diploma in Mechanical Engineering [Yaba College of Technology]; M.S.; Computer and Information Science;
Dr. Anthony E. Petrarca

Demetre P. Arglalas, Ploimariou, Lesvos, Greece; Diploma [National Technical University]; M.S. [University of Tennessee]; Civil Engineering;
Dr. John G. Lyon, Dr. Charles A. Moore

William D. Armatine, Campbell; A.B. [Brown University]; M.A.T. [Colgate University]; Education;
Dr. Donald R. Cruickshank

Richard McBride Ashbrook, Baltimore, MD; B.S. [University of Maryland]; M.A.; Psychology;
Dr. Peter A. Magaro

Daniel H. Averbek, Fort Wright, KY; B.A. [University of Cincinnati]; M.A. [Xavier University]; Psychology;
Dr. Robert S. Billings

Michael Kent Axthelm, Columbus; B.S., M.S., D.V.M. [Kansas State University]; Veterinary Pathobiology;
Dr. George S. Krakowka

Susan Cameron Bacon, Wooster; B.A. [University of Southern Florida]; M.A. [Indiana University]; Education;
Dr. Gilbert A. Jarvis

Barbara Steines Baisden, Warren; A.B. [Youngstown State University]; M.S.W.; Education;
Dr. Donald J. Tosi

James F. Bebee, San Francisco, CA; B.A., B.S. [Otterbein College]; M.A.; Education;
Dr. Donald G. Lux

Beverly Wilform Bell, York, SC; B.A. [Johnson C. Smith University]; M.A.; Education;
Dr. Marlin L. Languis

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- Vicki Roxanne Payne**, Columbus; B.A. (Wittenberg University); *Education*
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- Tod Tapola**, Spencerville; B.S.Ed.; *Education*
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- Steven Alan Templin**, Columbus; B.A. (West Virginia Wesleyan College); *Education*
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Ruth Elizabeth Zietlow, Columbus; B.A. (Valparaiso University); *Journalism*

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James Robert Zulauf, Columbus; B.A.; *Education*

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Mark Peterson Murphy, Columbus; B.S.; *Business Administration*

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Mark John Randall, Sugar Grove, IL; B.S. (University of Illinois); *Business Administration*

Yue-Lie W'u, Columbus; B.B.A. (National Taiwan University); *Business Administration*

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Thomas Robert Lemon, Toledo, B.A. (Michigan State University); *City and Regional Planning*

Ruslan Bin Rainis, Lenggeng, N. Sembilan, Malaysia; B.A. (Miami University); *City and Regional Planning*

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Richard Keith Dodge, Los Angeles, CA; B.A. (California State University, Chico); *Art*

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Mary Agnes Suvar, Elyria; B.S.Bus.Adm.; *Hospital and Health Services Administration*

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Betsey Michelle Fettman, Canton; B.A. (Miami University); *Labor and Human Resources*

Master of Landscape Architecture

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Master of Liberal Studies

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Master of Music

Marl Hashimoto, Kiga, Shiga, Japan; B.Mus.; *Music*

Tony Thomas, Demopolis, AL; B.S. (Alabama A&M University); *Music*

Master of Public Administration

Brenda Lee Steppe, Charlottesville, VA; B.A. (Virginia Union University); *Public Administration*

Master of Science

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Debra Ann Berger, Canton, NY; B.A. (Alfred University); *Preventive Medicine*

Susan Irene Betts, Quaker City; *Agricultural Education*

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Ihan Varol, Istanbul, Turkey; B.S. (Istanbul Technical University); *Metallurgical Engineering*

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Debra Denise Withers, Pine Bluff, AR; B.S. (University of Arkansas at Pine Bluff); *Home Economics*

Donna K. Wolke, Columbus; B.S.; *Allied Medical Professions*

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He Xu, Columbus; B.S. (Peking Teacher's College); *Physics*

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Mehdi Zahourianfar, Columbus; B.S.E.E. (Iran
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Master of Social Work

Susan Mary Dyer, Fairview Park; B.S.Ed.; *Social
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Sigrid Ehrenberg, Columbus; B.S.; *Social Work*

Kim D. Jaffee, Miami, FL; B.S.; *Social Work*

Margaret Allin Kahrl, Columbus; B.S.Soc.Wel.;
Social Work

Sandy Lee Schoenfeld, Youngstown; B.A.
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Mary Kay Sopko, Cleveland; B.A.Journ. (Kent State
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Dean: H. Justin Davidson

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 Marshall Hayes Barnes II, Columbus
 John Charles Bassett, Lexington
 John Jeffrey Beltrondo, Shadyside
 Richard James BeVier, Plymouth
 Sherman Lewis Bierly, Worthington
 Gary Dale Birchfield, Columbus
 Gregg Alexander Biro, Bloomingdale, IL
 Kathryn Lynn Blakely, McLean, VA
 Marc Daniel Blaushild, Beachwood
 Amy Dawson Bletner, Columbus
 Richard Hamilton Blount, Granville
 Carl P. Bock, Medina
 Steven Craig Boden, Columbus
 Robert Stephen Bodey, Englewood
 Robert Anthony Boehm, Gahanna
 Todd Emerson Boger, Columbus
 Barbara Ellen Boggs, Worthington
 John P. Bonham, Columbus
 Pang Hui Boo, Penang, Malaysia
 Michael David Bornstein, Columbus
 Teresa Lynn Brake, Marysville
 Tracy Anthony Brininger, Centerburg
 Todd Allan Brogan, Maumee
 Dean Thomas Brown, Columbus
 Timothy James Bull, Columbus
 Deborah Jean Turpin Burns, Columbus
 William P. Calvert II, Columbus
 Deborah Jane Carpenter, Columbus
 Joseph A. Carter, Columbus
 Robert Raymond Case, New Philadelphia
 Jill Marie Cavendish, Columbus
 King Tiong Chai, Kajang, Selangor, Malaysia
 Brett Dean Chance, Canfield
 Che Ngwee Chee, Benta, Malaysia
 Jeffrey Brian Cheslik, Boardman
 Caryn Elizabeth Cipriano, Columbus
 Craig Eugene Claypool, Marion
 Geraldine A. Colbert, Delaware
 Christine Elaine Coon, Loudonville
 Julia Ann Corbett, Columbus
 Annetta Augusta Cotton, Huntington, WV

Kara Ann Coyne, Newark
 Sharon Ann Curp, Xenia
 Stephen Robert DeAngelis, Concord, NH
 James Scott Denig, Mansfield
 Tjahjani Dermawan, Jakarta, Indonesia
 Caryn Sue Dickerson, Kettering
 Theresa DiLillo, South Euclid
 Anthony Mauro DiSanza, Solon
 Jessica Marie Dolan, Seven Hills
 Walter Curtis Doran, Jr., New Albany
 Vanessa A. Dorton, Columbus
 John Edward Dougan, White Rock, British Columbia, Canada
 Charles Clifton Doyle, Columbus
 Scott Norman Draime, Warren
 Wendy Marie Draper, Cincinnati
 Thomas Patrick Dwyer, Canfield
 Henry Mark Easton, Cleveland Heights
 Jeffrey Keith Ebert, Columbus
 James Riggs Elson, New Albany
 Brian John English, Columbus
 David Brian Entsminger, Columbus
 Joseph Edward Erwin, Columbus
 Fred Charles Esmont, Columbus
 Craig Donald Faist, Columbus
 Patricia Anne Farrell, Bay Village
 Marie Diane Ferguson, Cincinnati
 Douglas Robert Finch, Marysville
 LuAnn Fieshman, Columbus
 Todd Charles Folk, New Lexington
 Christopher Dean Ford, Mountain Lakes, NJ
 Martha Mary Ford, Fort Worth, TX
 Todd Winton Foster, Coshocton
 Donald Jay Frankel, Shaker Heights
 Colleen Marie Gallagher, Toledo
 Julie Ann Gastaldo, Lima
 Jodi Marie Geiser, Cincinnati
 Adam R. Geldhof, Kent
 Kevin Lawrence George, Columbus
 Martin Dale Gibson, Petersburg
 James Kevin Gillen, Chesapeake
 Robert Mark Ginnam, Newark
 Lauretta Ann Gledhill, Crestline
 Jeffrey Paul Godorhazy, Columbus
 Toh-Yong Goh, Batu Pahat, Malaysia
 Rachel Faythe Goldin, Staten Island, NY
 Donald Edward Gordon, Jr., Wadsworth
 Daniel Patrick Griffin, Whitehall
 Bruno Michel Gruaz, Cincinnati
 Gregory Scott Halter, Cincinnati
 Karen Michele Hammer, Columbus
 Karen Sue Hamrick, Columbus
 Carole L. McIntosh Hanselman, Milford Center
 Gerald Vance Harbour, Columbus
 Michael John Haring, Mansfield
 Michael Spencer Harrison, Middletown
 James Robert Hastings, Columbus
 Joseph Lee Hastings, Kenton
 David Keith Hatfield, Columbus
 Michael John Hawk, Athens
 Max Paul Heller, Columbus
 Brian Steven Henderson, Middletown
 Janice Lee Henner, West Chester
 Leslie Kaye Herro, Akron
 Lucy Catherine Hickey, Hilliard
 John Edward Hildreth, Clinton
 Kevin Allen Hill, Lima
 Chee Chiang Ho, Singapore, Singapore
 Timothy Brian Honeck, Columbus

Kathy Annette Hoover, Columbus
 Jeffrey Warren Horch, Columbus
 Michael Jon Hower, Worthington
 Grace Rosanna Hsu, Columbus
 Andrea Huber, Columbus
 Gary Wayne Irwin, Bremen
 Brent Michael Jackson, Columbus
 Sheila R. Jarrett, Cincinnati
 George Alan Jeffers, Columbus
 Kelly Ann Jenkins, Pataskala
 James Edward Johnson, Bay Village
 Mary Smith Johnson, Lima
 David William Jones, Reading
 Karen Lynn Jones, Cleveland
 Maria R. Jones, Dublin
 Kathryn Ann Joubanc, Zanesville
 Timothy Gary Judy, Columbus
 Scott Jeffrey Jurcenko, Jefferson
 Laura Elynn Kabealo, Columbus
 Lori Kann, Beachwood
 Carl Joseph Kehres, Troy
 Tambara Marie Kelis, Kettering
 David Steven Kent, Toledo
 Kimberly Kay Kerber, Sidney
 Kerry Conway Kern, Mansfield
 Gregg Allan Kerns, Fremont
 Tod Roger Kidman, Garfield Heights
 Andrew Underwood Kinnen, Pittsford, NY
 Anne Marie Klein, Akron
 Kenneth Edward Kohler, Lyndhurst
 Kevin Jeffrey Kravitz, Mentor
 Sharon Joyce Kumpf, North Canton
 Ernest Alfred Larger, Columbus
 Brian Jay Lee, Akron
 Gary Lynn Leimbach, Lima
 Jan Huiun Lee, Jakarta, Indonesia
 Bryan Scott Lilly, Shaker Heights
 George Dylan Lloyd, Worthington
 Barbara Jean Lockett, Wadsworth
 Beth Anna Lococo, Sandusky
 Esther Chung-Sian Loh, Singapore
 Joseph Frank Lorenz, Columbus
 Sally A. Los, Amherst
 Paul Kenneth Love, Tallmadge
 Mark Eric Lowery, Matthews, NC
 Jill Diane Lyons, Elyria
 Dana Charles Mack, Wauseon
 Theresa Ann Maddox, Columbus
 Julia Marie Mann, Middletown
 Mark Frank Mann, Independence
 Kathryn Ann Marque, Lancaster
 Richard John Martin, Lima
 Mark Edward McDonough, Coshocton
 Michael J. McGilvray, Springfield
 Patrick Sean McVicker, Toledo
 Patricia Jean Menter, Thornville
 Michael Roy Metersky, Columbus
 Marc David Milkie, Hubbard
 William Gerard Miller, Newark
 Donna Louise Milligan, Medina
 Stephen Dwight Milligan, Columbus
 Joan Kruse Miltstead, Newark
 Jenine Marie Milum, Lima
 Kathleen G. Monett, Orient
 Dawn Anita Moore, Cleveland
 Michael Angelo Morales, Elyria
 William Gerard Morris, Columbus
 Sharon Joy Murphy, Columbus
 Stella Jordan Natziger, Yuma, AZ

Sherri Ellen Nagy, Parma
 Michael K. Neff, Columbus
 Jeffrey Alan Nielsen, Dublin
 Joseph Lawrence Nespor, Dublin
 Laura Ruth Newman, New Rochelle, NY
 Min Ying Ngo, Singapore, Singapore
 Mark Alan Oakley, Beaver Creek
 Susan Elaine Ober, Columbus
 David Thomas O'Brien, Akron
 Deborah Anne O'Bryan, Columbus
 Jan Rae Olexio, Englewood
 Deborah Ann O'Reilly, Greenville
 David Nicholas Osso, Yorkville
 Robert Craig Overs, Springfield
 Douglas William Pahl, Lexington
 Christine H. Papas, Akron
 Robert L. Parris, Jr., Steubenville
 Andrew Joseph Paskeli, Columbus
 Ronald Dale Pelfrey, Huber Heights
 Rhonda Lee Pequignot, Greenville
 Kenneth Brian Phillips, Zanesville
 Carrie Jane Powell, Shadyside
 Carol Diane Prascsak, Columbus
 Pamela Jean Price, Worthington
 Susan Isabelle Price, Maumee
 Susan Lynn Probasco, Bay Village
 Christine Davrian Putnam, Westerville
 David Michael Ray, Jr., Marengo
 Alan Michael Reed, Ottawa
 Becky Jean Reid, West Jefferson
 Diana C. Richardson, North Olmsted
 Lisa Michelle Riel, West Chester
 Ray Scott Rike, Fletcher
 Michael Glenn Robbins, Westerville
 David Keith Robinson, Fairborn
 Richard Alan Rose, Magnolia
 Stephanie Paula Rose, Akron
 Jeffrey Scott Rosen, Lyndhurst
 Steven Jay Roth, South Euclid
 Roger David Ruch, Bedford
 William Philip Ruffing, Norwalk
 Patricia Jeanne Sage, Findlay
 William Edward Sarvis, Painesville
 Russell Edward Schabel, North Olmsted
 Cynthia Schade, Plymouth, MN
 Robert William Schmitt, Mastic, NY
 David Steven Schneider, Pittsburgh, PA
 Kirt Robert Schritzi, Coldwater
 Brent Gerald Schroeder, Ottawa
 Kimberly Ann Schroeder, Berea
 William Allan Schwerts, Youngstown
 Elizabeth Ann Seastone, Shelby
 Andrew John See, Canfield
 Kimberly Jae Sholton, Dayton
 Steven Christopher Shuler, Mansfield
 Yam Beng Siang, Malacca, Malaysia
 Dennis William Simpson, Kirtland
 Bradley Robert Smith, Logan
 D. Chauncey Smith, Steubenville
 James Gregory Smith, Columbus
 Jennifer Yvette Smith, Kirkersville
 Jonathan Edward Smith, Pittsfield, MA
 Robert Douglas Smith, Columbus
 Roger James Somogyi, Pepper Pike
 Tracy Lynn Souder, Jackson
 Matthew David Spaid, Gahanna
 Brian Eugene Stanfill, Delaware
 Eric John Stauffenger, Alliance
 Michael Eugene Stephens, Cincinnati

Michael Carl Stevens, Mansfield
 David James Stevenson, Findlay
 Karen Elaine Stock, Beaver Creek
 Ronnie Ray Stokes, Canton
 Vickie Sue Stone, Columbus
 Karen Sue Streacker, Tiffin
 Elizabeth Ann Sullivan, Springfield
 Gregory Scott Sumner, Aurora
 Kelly Ann Suriano, Martins Ferry
 Wendy Kay Swartz, Wooster
 Michael Roger Tackett, Jackson
 Gianpaolo Tasso, São Paulo, Brazil
 Michael Scott Temple, Akron
 Lynda Anne Termeer, Worthington
 Eugene Matthew Theibert, Columbus
 Debora Rhiannon Thomas, Chardon
 Ajay Prabhakar Tipnis, Powell
 Erlina Tjia, Medan, Indonesia
 Dennis Ray Todd, West Lafayette
 Diane Ilka Trankiem, Sydney, Australia
 Tamara Lynn Trbovich, Canton
 Mark Alan Tucker, Mansfield
 Douglas Edward Turlio, Columbus
 Glenn Edwin Turner, Van Wert
 Carol Ann Userry, Columbus
 Daniel Barry Vance, Galloway
 William Frank VanDresser, Akron
 Cynthia Lou Veselenak, Cambridge
 Daniel Kenneth Wanamaker, Marysville
 Michael Thomas Watkins, Kettlersville
 Jane Lynn Weaver, Newark
 Phillip Lynn Weaver, Lancaster
 Robert Patrick Weber, St. Louisville
 Anne Therese Weideman, Columbus
 Jonna Marie Weidner, Alliance
 Scott Alan Weisman, Lyndhurst
 Sharron LeaAnn Welsh, Worthington
 Larry Robert Wending, Loudonville
 Cynthia Maria Williams, Columbus
 Jill Marie Williams, Cambridge
 Deborah Kay Wilson, Worthington
 Kevin Robert Wilson, Beaver Creek
 Stephen Lee Wilson, Columbus
 Jeanne Elizabeth Wise, Columbus
 Kathleen Mary Woeste, Columbus
 Guy Lim Wong, Richmond Heights
 Alvin John Woodall, Jr., Columbus
 Suzanne Woodriddle, Columbus
 Maria Faith Yelin, Copley
 Chiew-Pheng Yeo, Melaka, Malaysia
 Mei Geok Gloria Yeo, Singapore, Singapore
 Randall James Zak, Brecksville
 Tony Guy Zangaro, Cincinnati
 Lynn Maria Zelle, Medina

College of Agriculture

Dean: Max Lennon

Bachelor of Science in Agriculture

Gregory Raymond Barron, Cincinnati
 Eric Joseph Berenstein, Chesterland
 Susan Irene Betts, Quaker City
 Timothy David Blocher, Canton
 Therese Marie Bonfiglio, Ashland
 William Robert Boon III, Hicksville

Michael David Chelikowsky, Circleville
 Sandra Lynn Chenal, Rittman
 Jeffrey Bernard Daufel, Dayton
 Brennen M. Endres, New Philadelphia
 Dixie Kay Floyd, Pataskala
 Mark William Gauger, Norway, ME
 John Frederick Gomez, Columbus
 Todd Ronald Hesterman, Napoleon
 William George Hupfeldt, Jr., Baltimore, MD
 Jill Annette Kelley, Columbus
 Robert Aaron Lambert, Minford
 Deborah E. Maggiore, Columbus
 Thomas Sean McCormick, Bliss, NY
 Phillip Jay Mercer, Columbus
 Luke Edward Messinger, Columbus
 Kelly Elizabeth O'Connell, Mentor
 Lori Ann Paratto, Madison
 Jeffrey Lyle Payne, Cincinnati
 Russell Lee Perry, Columbus
 Daniel John Prieur, Perrysburg
 Roger Scott Redman, Wooster
 John Gordon Rimmer, Troy
 Sharon Ann Roberts, Columbus
 Julian Rockwell, Barnesville
 Richard Lee Schroeder, Columbus
 John Park Shultz, North Canton
 Diana Jean Switzer, Lima
 David Allen Tomlinson, Ravenna
 John Patrick Warner, Copley
 Norman Taimage White, Jr., Chesapeake, VA
 Robert John Wolf, Bay Village
 Kathy René Zoner, Amelia

Bachelor of Science in Food Science

Stephanie Ann Smith, Columbus

Bachelor of Science in Nutrition

Michele Marie Minda, Lorain

School of Natural Resources

Bachelor of Science in Natural Resources

Karen Elise Berghauser, Cleveland
 Brian Bishop, Austintown
 Steven James Borris, Napoleon
 John Karl Dullaert, Cincinnati
 Douglas Paul Glickler, Columbus
 John David Hoffman, Waverly
 Charles Robert Neuhart, Quaker City
 Douglas Alan Ratzenberger, Blacklick
 Thomas Alan Short, Archbold

Agricultural Technical Institute—Wooster

Associate in Applied Science

Kelly Wayne Ager, Jewett
 Russel Allen Brode, Ravenna

Charles Cavallaro, Dalton
 William A. Demattia, Cuyahoga Falls
 Jane Ellen Dragunas, North Royalton
 Vincent V. Fantin, New Philadelphia
 Teresa Joan Hisnay, Parma
 Michael Francis Kebe, Euclid
 John Paul Lang, Kent
 Anne Shirley O'Reilly, Apple Creek
 Jacquelyn Ann Parkhurst, Vickery
 Richard Daniel Riordan, West Salem
 Senena Joy Smith, St. Louisvile
 Walter Dwayne Smith, Cincinnati
 Keith Michael Warner, North Canton
 Scott D. Windmiller, Amherst

College of Dentistry

Dean: William R. Wallace

Doctor of Dental Surgery

Timothy Owen March, Columbus
 B.S.

Martin Petrofes, Tipp City
 B.S. (Miami University)

Julius Valentine Toth, Rossford
 B.S.

John David Zatko, Oregon
 B.A. (University of Toledo)

Certificate of Graduate Dental Hygienist

Suzanne Lynn Gable, Parma

College of Education

Dean: Donald P. Anderson

Bachelor of Science in Education

Mahammed Adamu, Bauchi, Nigeria
 Kristene Marie Bandy, Columbus
 Marylee Carol Barlowe, Columbus
 Ricky Alan Bates, New Concord
 Sherie Ann Biegel, Medina
 Rebecca Jo Brandwein, Columbus
 Denise Lynn Burkey, Lore City
 Gregory Allen Candel, Marion
 Kathryn Rose Casey, Lima
 Gregory Paul Chadwick, Columbus
 Vickie Lynn Chesser, Newark
 Melissa Jean Clay, Van Wert
 Kathy Colon, Olmsted Falls
 Lisa Marie Cook, Lima
 Pamela Kay Cosner, Columbus
 Terry Lynn Craft, Aiger
 John Kipley Crain, Mechanicsburg
 Mark Alan Darnall, Findlay
 Cynthia Kay Davis, La Rue
 Bradley Arthur DeCamp, Centerville
 Rita Marie Deedrick, Columbus
 Clark Byron Depas, Sharon Center

David Roberts Dreisbach, Westerville
 Donna Colleen Ellis, Westerville
 Jeri Ann Ernest, Heath
 Joanne G. Eubanks, Columbus
 Jo Ellen Fair, Sidney
 Katrina Marie Fair, Galena
 Ruthie R. Fisher, Marion
 Jeanne Lee Flegge, Columbus
 Trent Tracy Gages, Mansfield
 Laura Ann Glancy, Lima
 Cora Marie Grimes, Dublin
 James John Gundrum, Bergholz
 Rebecca Sue Hart, Columbus
 Kelly Henderson Harter, Delaware
 Saleh K. Hassan, Bauchi, Nigeria
 Nick Havens, Miford
 Andrea Lee Herega, Willoughby
 Thom R. Herold, Columbus
 Jacquelyn Ann Jackson, Lima
 Walter Lee Jordan, Jr., Dayton
 Lora Louise Krugh, St. Marys
 Kimberly Hughes Leonard, Columbus
 Linda S. Looney, Mt. Vernon
 Mark Douglas Lowe, Marysville
 Mary Catherine MacKnight, Newark
 Laura Ann Malott, Newark
 Hassan Manu Manu, Bauchi, Nigeria
 Hussaini Usman Manu, Bauchi, Nigeria
 Gina Ann Masucci, Worthington
 Valerie Lynne McCullough, Baltimore
 Johnny Lee Merriweather, Lima
 Dana Lance Merz, Whitehall
 Belinda Sue Miller, Van Wert
 Paula Renee Moore, Columbus
 Joyce Lee Nadolson, Hebron
 Lori Jo Niswonger, Columbus
 Cynthia Louise Noble, Columbus
 Anne Hathaway Page, Chagrin Falls
 Nancy Paider, Columbus
 Kathi Lynn Parker, Columbus
 Deanna Arlene Phillips, Gahanna
 Gayle Ann Pudloski, Kent
 Randy Eugene Rau, Bryan
 Thomas Gregory Reed, Botkins
 Vicki Lynn Rose, Columbus
 Vickie Renee Ross, Marion
 Eric Michael Ruschak, Middleburg Heights
 Tara Jane Saccocio, Columbus
 Douglas Michael Sanor, Newark
 Janice Miller Showalter, Rosedale
 Kimberly Jo Sipe, Columbus
 Rebecca Stephens, Willard
 Stephen B. Steward, Perryville
 Carolyn Jo Pethel St. John, Amlin
 Abigail Bel Strayer, Lima
 Thomas William Street, Marion
 Michael John Tanchevski, Mansfield
 Paige Andrea Tank, New Matamoras
 Troy Garrett Taylor, Canton
 Debora Marie Tenike, Gahanna
 Judith Elizabeth Theibert, Columbus
 Kathy Jean Theisen, Cincinnati
 Eileen Virginia Tuttle, Columbus
 Michele Sue Van Tine, Columbus
 Janice Louise Vick, Mansfield
 Laurie Jo Voggenthaler, Fremont
 Erin Marie Walsh, Logan
 Linda Cameron Walter, Westerville
 Ann Marie Wardlow, Waynesville

Julie Ann Waterman, Louisville, KY
 Kimberly Lee Workman, Pickerington
 Jim Allen Wright II, Heath
 Abdullahi Ahmed Yaya, Bauchi, Nigeria
 Ishaya Yerima, Bauchi, Nigeria
 Pamela Beth Yost, Heath
 Dwayne Arnold Young, Gahanna

**Bachelor of Art Education and
 Bachelor of Music Education
 degrees are offered jointly by the
 College of the Arts and the
 College of Education.
 Candidates are listed under
 College of the Arts.**

College of Engineering

Dean: Donald D. Glower

Bachelor of Science in Aeronautical and Astronautical Engineering

Paul Angelo Delt-Aira, Cincinnati
 Angela C. Finfrock, Troy
 Kurt Douglas Hall, Bryan
 Edward Tyrone Hobbs, Toledo
 Mary Elizabeth Moore MacPhee, Olney, MD
 Michael David Neyman, Dayton
 Thomas Emil Oberhaus, Liberty Center
 Kathleen Ann Purdy, Cincinnati
 Bruce Charles Urbon, Shaker Heights
 Alan Richard Wall, New Riegel

Bachelor of Science in Agricultural Engineering

Daniel Lambert Streutker, Westerville

Bachelor of Science in Aviation

Michael Patrick Mazzanti, Worthington
 Jeff Mark Wernecke, Columbus

Bachelor of Science in Ceramic Engineering

Richard H. Johnson, Jr., Chesterland
 Donna Kay Torrence, Winterville

Bachelor of Science in Chemical Engineering

Brian Douglas Jones, Sunbury
 Kyle William Sukebarger, Greenfield
 Mark Edward Vetter, Fairfield

Bachelor of Science in Civil Engineering

Muhammad Maher Al-Rijeh, Damascus, Syria
 Kevin Scott Gaskey, Wadsworth
 Chee Hau Kuo, Johor, Malaysia

Bachelor of Science in Computer and Information Science

Bruce William Adamczak, Huber Heights
Joseph Paul Angerer, Kettering
Michael James Belak, Parma
David Milford Bodde, Vermillion
Mark Andrew Clegg, Columbus
Peggy Susan Conroy, Youngstown
Terrance L. Dick, Mendon
Glenn Francis Everitt, Champion
Michael John Falcona, Pittsburgh, PA
Jerome Scott Ferrell, Gilboa
Steven Earl Goerler, Cincinnati
Amin G. Haghighi, Shiraz, Iran
Brian Douglas Halsey, Chillicothe
Yean Fee Ho, Singapore
Robert James Jost, Akron
Christopher James Kahne, Cleveland Heights
Edmond Elias Kazzi, Jieh, Lebanon
Stephen Hariton Klein, Columbus
Richard Allen Klingman, Jr., Aurora
Steven Patrick Lemon, Toledo
Dale Robert List, Ashville
Mary Bellanco Macarus, Solon
Mark Lloyd Meeks, Willoughby
Timothy The Nguyen, Middletown
Douglas Anthony Paynter, Painesville
Aviad Pundak-Mintz, Shaker Heights
Hasel Wayne Slone, Beaver
Kong Leong Tan, Batu Pahat, Malaysia
Pamela Renee Teeple, North Canton
Robert Charles Thomas, Grove City
Thomas Arthur Waters, Painesville

Bachelor of Science in Electrical Engineering

Abdul Razif Abdul Rahman, Malacca, Malaysia
Ricardo Ernesto Aguilar Camponuevo, El Salvador
Jeffrey Allen Ayers, Centerville
Richard Scott Bene, Mason
Amy Gail Brigham, St. Louis, MO
Mark Richard Burnard, Perrysburg
Anita Faye Debarlaben, Cleveland
Steve Lynn Deist, Akron
Timothy M. Driscoll, Austintown
Thomas Alan Easterday, Washington Court House
Michael John Estes, North Olmsted
Eric Edward Gatchallian, Parma
Christopher Atfiss Gorby, Brecksville
John Carl Hennen, Columbus
Bradley Allen Henning, Columbus
Hunardi Hudiono, Semarang, Indonesia
Stephen Joseph Kennedy, Bexley
William Thomas Lewis, Chagrin Falls
Hung Cam Ly, Columbus
Raymond Kumfook Ng, Selangor, Malaysia
James Lee Pettit, Piketon
Alice Lynn Pischulla, Seven Hills
Daniel T. Prendergast, Columbus
Somnuk Ratanaphanyarat, Bangkok, Thailand
Mehrdad Medi Richards, Mason
Michael Earnest Rowland, Findlay
Theodore Karl Rudolph, Cincinnati
Gregory Brian Rupp, Mason
Mehrdad Medi Sahba, Sabzevar, Iran

D. Wayne Speir, Jr., Forest Park
Richard Allen Titus, Jr., Lexington
William Warner III, Ostrander
Kwok-Ming Angus Wu, Hong Kong, Hong Kong

Bachelor of Science in Engineering Physics

Michael Lars Bildsten, Worthington
Lawrence Philipp Rice, Franklin Furnace
Timothy Thomas Webster, Miami, FL

Bachelor of Science in Industrial and Systems Engineering

Rebecca Lee Bundy, Steubenville
Mohamad Hisham Choueiki, Beirut, Lebanon
Carolyn Suzanne Criss, Bethel Park, PA
Manwan Yacoub Ghosn, Beirut, Lebanon
Lori Anne Hatton, Akron
Paul Chi-Sheon Huang, Rockville, MD
Mark Anthony Jaconette, Columbus
Vernetta Nelson Jefferson, Columbus
Daniel Alan Koch, Blue Ash
Marilyn Menzel, Steubenville
James Galen Powers, Perrysburg
Karen Gail Purcell, Rocky River
Robin Joan Root, Cincinnati
Belinda Kay Wise, Suffield

Bachelor of Science in Mechanical Engineering

John Robert Botes, Columbus
Raymond Joseph Brickner, Delphos
David John Culbertson, Enon
Robert A. Dreiss, Gahanna
Stephen P. Dudra, Berea
V. A. Hadjivassiliou, Nicosia, Cyprus
John E. Keoshian, Canton
Shelley Jean Long, Marysville
Muhammed Athar Masood, Karachi, Pakistan
Michael Edward McLean, Canton
Matthew Joseph Reiner, Avon Lake
Howard William Schmidt, Celina
Patty Elaine Spangler, Columbus
Robert Edward Stakely, Reynoldsburg
Aniaguna Sutandi, Semarang, Indonesia
Teng Yin Tan, Columbus
Nizar Trigui, Sfax, Tunisia
Todd Charles Voelker, Centerville
Joseph Allen Wilson, Mansfield

Bachelor of Science in Metallurgical Engineering

Clifford N. Hamilton, Warren
Sandra Jean Johanson, Westerville
James Michael Keegan, Broadview Heights
Stuart F. VanWeele, Cincinnati

Bachelor of Science in Welding Engineering

William John Fysh, Westland, MI
Michael John Remillard, South Grafton, MA
James Jay Saar, Forest Park

School of Architecture

Bachelor of Science in Architecture

Bruce Bae, Berkley, MI
Anthony Francis Bertone, Painesville, OH
Robert Mark Bevilacqua, Columbus
Thomas W. Bodde, Vermillion
Mark Elwood Christ, Bay Village
Susan Gene Daulton, Columbus
Douglas Todd Fisher, Centerville
Felix C. Inyama, Nigeria
Spencer M. Johnson, Upper Arlington
Scott Joseph Mularoni, Sandusky
Jeffery Lynn Puffenberger, Tiffin
Jonathan David Steizer, Cincinnati
Michael Andrew Wright, Frazeeburg

Bachelor of Science in Landscape Architecture

William Patrick Boron, Clearfield, PA
David Alan Stanciu Litty, Dover
Keith James Mitchell, Brecksville
Todd Patrick Theodore, Grandview

College of Home Economics

Dean: Lena Bailey

Bachelor of Science in Home Economics

Susan Marie Alden, Painesville
Sara Lynn Bates, Harrison
Ellen Marie Benich, Jefferson
Jeffrey Mark Boyko, Parma
Rhonda R. Burton, Mt. Vernon
Allyson Jane Chestnut, Prospect
Kimberlee Sue Cole, Columbus
Sharon Yvonne Cooley, Hamilton
Linda Elizabeth Croskey, Cincinnati
Janet Louise Davis, Columbus
Sarah Elizabeth DeWeese, Sidney
Michelle Anne Dicke, New Bremen
Jody Lee Elswick, Grove City
Trudi Ann Ference, Niles
Lori Ann Ford, Harrod
Sally Lynn Ford, Westerville
Monica Regina Hetterich, Hamilton
Carol Annette Hickey, Columbus
Patricia Jean Hostal, Rocky River
Kevin Roy Johnson, Columbus
Kimberly Lisa Kaplan, Mansfield
Kathleen Ann Kehn, Euclid
Debra Lynn Keitz, Columbus
Lisa Carol Knapp, Franklin Furnace
Karen Lynne Koss, Muncie, IN
Janet Marie Kubera, Westlake
Robin Louise Lencke, Columbus
Vanessa Lynn Linderode, North Canton
Anna Marie Long, Chillicothe
Lisa Ann Marino, Solon
Deborah Sue Miller, Lima
Amista Foster Morgan, Columbus

Lesley Carol Nelson, Hinsdale, IL
 Mary Beth Offenberger, Cincinnati
 Rosalyn Reece, Columbus
 Nicole Lynette Robinson, Washington
 Court House
 Douglas John Shepelak, Columbus
 Janet Marie Smith, Dayton
 Robin McGowan Smith, Terrace Park
 Mary Katherine Starr, Rocky River
 Sherrill Lynn Stoltz, Strongsville
 Sheila Sullivan, Columbus
 Toy May Wong, Columbus
 Valerie Kay Younker, Dublin

Bachelor of Science in Nutrition

Twyla Marie Tassava, Columbus

Bachelor of Science in Restaurant Management

John James Campigotto, Columbus
 Stacie Ann Kasurick, Massillon
 Lisa Ann Kring, Akron
 Scott Kenneth Parrill, Heath
 Linda Kathleen Riege, Alexandria
 John Lee Rogers, Columbus

College of Medicine

Dean: Manuel Tzajourinis

Doctor of Medicine

Steve Lucien Andrews, Reynoldsburg
 Timothy Eugene Dicke, Lima
 B.S.
 Kenneth Feiz, Wayland MA
 B.A. (Oberlin College)
 Stephen Colver Harris, Worthington
 Nasser Hussein Smiley, Toledo
 B.S. (University of Toledo)
 Van Duren Warren, Columbus
 B.S. (Denison University)

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Michael Joseph Bumbulis, Cleveland
 Jill Elaine James, Magnolia
 Kevin Milton Jones, Troy
 S. Anne Miller, Columbus
 Frederick Logan Myers, New Albany
 James Wesley Osler, Clinton
 Daniel David Richied, Troy
 Daniel Joseph Sifferlin, Shelby

Lee Ann Tripepi, Mentor
 Lillian Teresa Vrba, Shaker Heights
 Sandra Sue Ward, Urbana

Certificate of Nurse Anesthetist

Peggy Jean Barnum, Columbus
 B.S.N., M.S.N.
 Cynthia Diann Porter, Springfield
 B.S.N. (Ohio University)
 Mary Susan Swords, Springfield
 B.S.N.
 Alice Marie Wendt, Plain City
 B.S.N. (Kent State University)
 Catherine Ann Wright, New Carlisle
 B.S.N. (Indiana University), M.S.N.

College of Nursing

Dean: Grayce Sills

Bachelor of Science in Nursing

Stephanie Lynn Bocka, Mansfield
 Donna Jean Brust, Grove City
 Carol Ann Burke, Cincinnati
 Patrick Matthew Byrne, Mansfield
 Jennifer Louise Cody, Clarksville
 Jill Diane Courtright, Westlake
 Elaine Diane Curry, Oxford
 Rachel Anne Czerniak, Columbus
 Anne Kathryn Dowdy, Columbus
 Diane Lynn Drees, Sidney
 Silvana J. Ferrarotti, Palos Verdes, CA
 Nancy Singer Frazier, Beachwood
 Joanne Arlene Gahn, Cincinnati
 Lisa Marie Gildenmeister, Bellevue
 Richard Eugene Gower, Jr., Greenville
 Lois Jean Huber, Brooklyn
 Kelly Ann Hull, Gallon
 Rebecca Carlene Kessler, Grove City
 Diane Lynn Knowlton, Waynesfield
 Joan Lynn Maldinger, Marion
 Jan Marie McCleary, Fresno
 Maureen Elizabeth O'Rourke, Akron
 Bronwyn Ann Roberts, Fayetteville, AR
 Laurie Kay Roepke, Maumee
 Nadine Lorraine Royer, Johnstown
 Cathy Eileen Sarafin, Mansfield
 Janis Lee Schwager, Lima
 Marlene Gay Snyder, West Chester
 Carol Jane Wasson, McComb
 Marilyn Joyce Webster, Columbus
 Cynthia Elaine Weltge, Dayton

College of Pharmacy

Dean: Albert H. Soloway

Doctor of Pharmacy

David Lee Bremseth, Glenwood, MN
 Sandra Beverly Earle-Rogers, Rochester, NY
 Keith Allan Pappa, Sagamore Hills

Bachelor of Science in Pharmacy

David Edward Brado, Mansfield
 Lisbeth Ann Brown, Bainbridge
 Mark Rinaldo Brusadin, Columbus
 Dorothy Chambati, Harare, Zimbabwe
 James Earl Chapman, Grove City
 Lawrence Coleman, Cleveland
 Allen Kattan Dorsey, Cincinnati
 Thomas Michael Foss, Fremont
 Elen Merritt Horwitz, Richmond Heights
 Kenneth Mark Koren, Girard
 Vicki Lynn Krantz, Cleveland
 Lori Jean Kuchta, Cleveland
 Thomas Gerard Kulasa, Elyria
 Renee Marie Lenart, Seven Hills
 Bernadette Marie Roethermel, Canton
 Michael Lee Sobel, Dublin

College of Social Work

Dean: Richard E. Boettcher

Bachelor of Science in Social Welfare

Jennifer Ann Burrows, Worthington
 Christina Lynn Grafton, Gallon
 Barbara Patricia Petrarca, Columbus
 Corinna Gail Rogers, Columbus
 Kitty J. Roush, Marion
 Lisa Ann Shobert, Lakewood
 Claire Ann Sullivan, Steubenville
 Kristi Kay Williams, Warren

Graduates with Honors

Criteria for graduation with honors are as follows:

With Distinction requires successful completion of a Senior Honors Thesis, oral examination, and graduation in the top 25% of the class.

With Honors in the Liberal Arts requires successful completion of the Arts and Sciences Honors Contract and graduation in the top 25% of the class.

Cum Laude designates those graduating in the top 10% of the class (top 6% in the Colleges of the Arts and Sciences).

Summa Cum Laude designates those graduating in the top 3% of the class (top 1.5% in the Colleges of the Arts and Sciences).

With Distinction in Botany

Brian Andrew Berry

With Distinction in Respiratory Therapy

Michael Joseph Bumbulis

With Distinction in English and with Honors in the Liberal Arts

Mary Alice Sherwood

With Distinction in History and with Honors in the Liberal Arts

Richard Dean Kennedy

With Honors in the Liberal Arts

Carolyn A. Chambers
Brian Douglas McAdams
Renae Lynn Ross
Leslie A. Tremayne

Cum Laude

Suzanne Elaine Beason
Sherie Ann Biegel
Timothy D. Blocher
Elsie Byholt
Denise D. Byrnes
Gregory Alden Clark
Rita Marie Deedrick
Caryn Sue Dickerson
Ruthie R. Fisher
Jodi Marie Geiser
Lisa Marie Gildenmeister
Hunardi Hudiono
Kathleen Ann Kehn
Stephen Joseph Kennedy
Diane Elizabeth Kruse
Ernest Alfred Larger
Gary Mitchell McBride
Mark Edward McDonough
S. Anne Miller
Min Ying Ngo
Delores Marie Nisly
Lori Jo Niswonger
Susan Elaine Ober
Robert Craig Overs
William Frank Panak
Aviad Pundak-Mintz
Somnuk Ratanaphanyarat
Brian K. Raynor
Linda Kathleen Riege
Steven Jay Roth
Jeannine Catharine Sanford
Howard William Schmidt
Nancy Sue Schneiderman
Kirt Robert Schritz
Janice Miller Showalter
James Gregory Smith
Patty Elaine Spangler
Rebecca Stephens
Karen Sue Streaker
William Warner III
Larry Robert Wendling
Jill Marie Williams
Jeanne Elizabeth Wise
Chiew-Pheng Yeo
Mei Geok Gloria Yeo
Terrence Dale Yoder

Cum Laude with Distinction in Philosophy and with Honors in the Liberal Arts

Dirk Christian Bätzky

Cum Laude with Honors in the Liberal Arts

Joseph Ralph Showalter

Summa Cum Laude

Bradley Jay Allen
Malcolm Stephen Baxter
Michael Lars Bildsten
Donna Jean Brust
John Kipley Crain
Steve Lynn Diest
James Riggs Elson
Silvana J. Ferrarotti
Rebecca Sue Hart
Lawrence M. Karno
Robin Louise Lencke
Kimberly Hughes Leonard
Hung Cam Ly
Deborah E. Magglore
Hazel Wayne Slone
Twylla Marie Tassava
Kwok-Ming Angus Wu

Summa Cum Laude with Distinction in Agricultural Education

Susan Irene Betts

Summa Cum Laude with Distinction in Genetics

Lori Anne Humphrey

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

Columbus, Ohio, September 5 and 6, 1985

The Board of Trustees met at its regular monthly meeting on Thursday, September 5, and Friday, September 6, 1985, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

* * *

Minutes of the last meeting were approved.

* * *

September 5 and 6, 1985 meeting, Board of Trustees

Trustee Leonard J. Immke, called the meeting of the Board of Trustees to order on September 5, 1985, at 6:55 p.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: John F. Havens, Chairman, Edmund C. Redman, Leonard J. Immke, Shirley D. Bowser, Hamilton J. Teaford, John J. Barone, and Deborah E. Casto.

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Mr. Havens reconvened the meeting on September 6, 1985, at 10:00 a.m.

Present: John F. Havens, Chairman, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, Shirley D. Bowser, Hamilton J. Teaford, John J. Barone, and Deborah E. Casto.

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NAMING OF BUILDING

Resolution No. 86-19

Synopsis: Naming of building on the Mansfield Campus is proposed.

WHEREAS pursuant to authority of this Board in naming of all buildings at The Ohio State University as set forth in paragraph (G) of rule 3335-1-08 of the Administrative Code; and

WHEREAS the President recommended, with the concurrence of the President's staff, that the new service building on the Mansfield Campus be named the Richard C. Schuttera Service Center to honor Richard C. Schuttera who, as head of the physical plant at Mansfield Campus, contributed greatly to the growth and development of that campus:

NOW THEREFORE

BE IT RESOLVED, That the above specified building be named the Richard C. Schuttera Service Center.

Upon motion of Mr. Galbreath, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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September 5 and 6, 1985 meeting, Board of Trustees

NAMING OF NATURE TRAILS

Resolution No. 86-20

Synopsis: Naming of nature trails on the Lima Campus is proposed.

WHEREAS upon the recommendation of the President, with the concurrence of the President's staff, it was proposed that the nature trails in the Tecumseh Natural Area on the Lima Campus be named the Roy E. Snyder Trails in honor of Roy E. Snyder who was a professor in the Department of Botany at Lima Campus and who was instrumental in establishing the natural area and the several miles of nature trails within:

NOW THEREFORE

BE IT RESOLVED, That in accordance with the Bylaws of the Board of Trustees, the nature trails in the Tecumseh Natural Area on the Lima Campus be named the Roy E. Snyder Trails.

Upon motion of Mr. Galbreath, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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HONORARY DEGREE

Resolution No. 86-21

Synopsis: Confirmation and ratification of an honorary degree is requested.

WHEREAS pursuant to paragraph (C) of rule 3335-3-03 of the Administrative Code, the President, after consultation with the Steering Committee of the University Senate, recommended to the Board of Trustees awarding of an honorary degree as listed below:

Amos H. Lynch

Doctor of Humane Letters

NOW THEREFORE

BE IT RESOLVED, That the above honorary degree which was presented to Mr. Lynch in accordance with this recommendation at the Summer Quarter Commencement on August 30, 1985, is hereby confirmed and ratified.

Upon motion of Mr. Teaford, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 86-22

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the July 12, 1985 meeting of the Board, including the following Promotion, Changes in Title, Appointment of Chairpersons of Departments and Academic Faculty, Reappointment of Chairpersons of Departments and Division, Leaves of Absence Without Salary, Leaves of Absence Without Salary -- Continuation, Leave of Absence Without Salary -- Change of Date, Professional Improvement Leaves, Professional Improvement Leave -- Change of Date, and Emeritus Titles as detailed in the University Budget be approved, and the Medical Staff Appointments/Reappointments approved July 25, 1985, by the Hospitals Board be ratified.

Promotion

Name: WELDON E. IHRIG
Title: Vice President for Finance
Office: Fiscal Affairs Administration
Effective: September 1, 1985
Salary: \$75,960.00
Present Position: University Fiscal Officer

Changes in Title

Name: RICHARD D. JACKSON
Title: Vice President for Business and
Administration
Office: Business and Administration
Effective: September 1, 1985
Salary: \$79,440.00
Present Position: Vice President for Business and Finance

Name: JEAN D. DICKERSCHIED
Title: Associate Dean
Office: Graduate School
Effective: July 1, 1985
Salary: N/A
Present Position: Acting Associate Dean, Graduate School

Appointment of Chairpersons of Departments and Academic Faculty

July 1, 1985 through June 30, 1986

ATI - Agricultural Mechanics	
Technology	Tommy L. Zimmerman*
Photography and Cinema	George P. Crepeau*

*Acting Chairperson

September 5 and 6, 1985 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointment of Chairpersons of Departments and Academic Faculty (contd)

October 1, 1985 through September 30, 1986

Academic Faculty of Management
Sciences

Larry P. Ritzman*

Reappointment of Chairpersons of Departments and Division

July 1, 1985 through June 30, 1986

Agronomy
Biochemistry
Genetics
Food Science and Nutrition
Division of Mining Engineering
Poultry Science
Veterinary Physiology and
Pharmacology

Berlie L. Schmidt
Gary E. Means*
Russell V. Skavaril*
Emil M. Mikolajcik*
George R. St. Pierre*
Edward C. Naber
Robert L. Hamlin*

July 1, 1985 through June 30, 1987

Agricultural Engineering
City and Regional Planning

Warren L. Roller
Kenneth T. Pearlman

July 1, 1985 through June 30, 1989

ATI - General Studies

Clyde E. Opliger

October 1, 1985 through September 30, 1986

Black Studies

William E. Nelson

*Acting Chairperson

Leaves of Absence Without Salary

LEROY J. KRAJEWSKI, Chairperson Professor, Academic Faculty of Management Sciences, effective Winter Quarter and Spring Quarter 1986, to visit the University of Arizona.

R. WILLIAM LIDDLE, Professor, Department of Political Science, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986, to accept a Fulbright lectureship in Indonesia.

RIAD A. AJAMI, Associate Professor, Academic Faculty of Management and Human Resources, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985, to accept a Visiting Professor position at the American University, Washington, DC.

September 5 and 6, 1985 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

MOIRA J. LOGAN, Associate Professor, Department of Dance, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986, for personal reasons.

WAYNE J. REDENBARGER, Associate Professor, Department of Romance Languages and Literatures, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986, to accept an appointment with the Department of Defense.

KAREN A. BELL, Assistant Professor, Department of Dance, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986, to accept a Visiting Artist position at Cornell University.

HARRIETT GALVIN, Assistant Professor, College of Law, effective Fall Semester 1985, for personal reasons.

RICHARD K. HERRMANN, Assistant Professor, Department of Political Science, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986, to accept a postdoctoral fellowship at the Harriman Institute at Columbia University.

MARGARET M. O'DOUGHERTY, Assistant Professor, Department of Pediatrics, effective July 16, 1985 through December 31, 1985, to complete and submit for publication research data collected.

MARK W. ROCHE, Assistant Professor, Department of German, effective Autumn Quarter 1985, to complete a grant from the American Council of Learned Societies.

DOUGLAS D. SOUTHGATE, Assistant Professor, Department of Agricultural Economics and Rural Sociology - OARDC, effective July 30, 1985 through August 31, 1985, to work in South America.

KRISTINE K. CAMPBELL, Instructor, Department of Family and Community, effective Autumn Quarter 1985, for personal reasons.

ROBERT FLAGG, Instructor, Department of Mathematics, effective Autumn Quarter 1985, to accept a Visiting Assistant Professor position at the State University of New York at Buffalo.

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary--Continuation

RIAD A. AJAMI, Associate Professor, Academic Faculty of Management and Human Resources, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986, for personal reasons.

LEWIS GREENWALD, Associate Professor, Department of Zoology, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986, to continue as Director for the Program of Regulatory Biology at the National Science Foundation.

Leave of Absence Without Salary--Change of Date

KENNETH J. ANDRIEN, Associate Professor, Department of History, change leave from Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986 to Autumn Quarter 1985 and Winter Quarter 1986.

Professional Improvement Leaves

LAWRENCE A. BROWN, Professor, Department of Geography, effective Winter Quarter, Spring Quarter and Autumn Quarter 1986.

WALTER C. GIFFIN, Professor, Department of Industrial and Systems Engineering, effective Winter Quarter and Spring Quarter 1986.

WILLIAM L. HEWARD, Professor, Department of Human Services Education, effective Winter Quarter and Spring Quarter 1986.

JULIAN H. MARKELS, Professor, Department of English, effective Winter Quarter and Spring Quarter 1986.

JOHN S. MCDONALD, Professor, Department of Anesthesiology, effective November 1, 1985 through October 1, 1986

EDWARD C. NABER, Professor, Department of Poultry Science, effective January 1, 1986 through June 30, 1986.

DAVID S. ADAMS, Associate Professor, Department of Sociology, effective January 1, 1986 through June 30, 1986.

PERSONNEL ACTIONS (contd)

Professional Improvement Leaves (contd)

CHARLES O. ROSS, Associate Professor, College of Social Work, effective Winter Quarter, Spring Quarter and Autumn Quarter 1986.

M. ROSITA SCHILLER, Associate Professor, School of Allied Medical Professions, effective January 1, 1986 through June 30, 1986.

BEVERLY G. TOOMEY, Associate Professor, College of Social Work, effective Winter Quarter and Spring Quarter 1986.

Professional Improvement Leave--Change of Date

ROBERT KRAUT, Associate Professor, Department of Philosophy, change leave from Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986 to Autumn Quarter 1985 and Winter Quarter 1986.

Emeritus Titles

CECIL D. BAILEY, Department of Aeronautical and Astronautical Engineering, with the title Professor Emeritus, effective July 1, 1985.

H. WILLIAM CLATWORTHY, Department of Surgery, with the title Professor Emeritus, effective July 1, 1985.

ELZY V. MCCOLLOUGH, Faculty of Accounting and Management Information Systems, with the title Professor Emeritus, effective July 1, 1985.

CARL E. NIELSEN, Department of Physics, with the title Professor Emeritus, effective September 1, 1985.

CLAIR W. YOUNG, Cooperative Extension Service, with the title Professor Emeritus, effective September 1, 1985.

C. EARL BAYLOR, Cooperative Extension Service, with the title Associate Professor Emeritus, effective August 1, 1985.

ARNOLD J. BRIX, Faculty of Labor Education and Research Service, with the title Associate Professor Emeritus, effective July 1, 1985.

September 5 and 6, 1985 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

HELEN V. VANDERGRIFF, Department of Family and Community, with the title Assistant Professor Emeritus, effective July 1, 1985.

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

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RESOLUTIONS IN MEMORIAM

Resolution No. 86-23

Synopsis: Resolutions honoring the service of five of the University's faculty members who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Erwin E. Dreese

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 8, 1985, of Erwin E. Dreese, Professor Emeritus in the Department of Electrical Engineering.

Born September 10, 1895, in Millbrook, Michigan, Professor Dreese attended the University of Michigan, where he received the B.S.E. Electrical Engineering degree in 1920, the Master of Science degree in Electrical Engineering in 1922 and the professional degree, Electrical Engineer in 1930. He also served in the U.S. Army in 1917 and 1918, reaching the rank of Lieutenant in the Signal Corps.

He remained at the University of Michigan as an Instructor in the Department of Electrical Engineering from 1920-25, before joining the Lincoln Electric Company as Chief Engineer. He left this position in 1930 to become Professor and Chairman of The Ohio State University Department of Electrical Engineering; he held this position until his retirement in 1965.

Professor Dreese assumed leadership of the department when electrical engineering was a field with limited scope. Electronics was a developing field, but of primary concern

RESOLUTIONS IN MEMORIAM (contd)

Erwin E. Dreese (contd)

were power distribution and the rather narrow application of electronics to broadcast communication. His tenure as Chairman saw tremendous growth in his profession, beginning with a strengthening of its mathematical and physical bases and developing into a field which produced radars, computers, transistors, servomechanisms and the vast array of technological products which have resulted from these and other developments. His leadership throughout this revolutionary period enabled the department to grow into one known as a center of excellence both nationally and internationally. His period as Chairman was an extremely productive one by any measure. In the early 1940's he initiated a strong research activity in the department. This has continued to develop and to maintain international stature continuously since that time. He created an academic environment which attracted outstanding faculty members from the U.S. and foreign countries to teach for him and outstanding students from throughout the world to study under them. Many graduates from this period went on to become widely recognized leaders in education, research, and industry.

In 1953, he received the Distinguished Alumnus Award from the University of Michigan. He was also a fellow of the American Institute of Electrical Engineers. In 1974, The Ohio State University honored Professor Dreese and recognized his contributions to the University by changing the name of the Electronics Building to the Erwin E. Dreese Laboratory of Electrical Engineering.

On behalf of the University community, the Board of Trustees expresses to the family of Professor Dreese its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Franklin D. Findley

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 5, 1985, of Franklin Doyle Findley, Associate Professor and Extension Agent, Agriculture and Community and Natural Resource Development in Wayne County.

An Ohio native, Mr. Findley joined the faculty in 1962 as a 4-H Agent in Wayne County. In 1966, he became the Agricultural Agent in Holmes County. Three years later he returned to Wayne County as the Agricultural Agent. Both Mr. Findley's Bachelor and Master degrees were earned at OSU.

RESOLUTIONS IN MEMORIAM (contd)

Franklin D. Findley (contd)

Mr. Findley's leadership in Extension programs was widely recognized throughout Wayne County, northeast Ohio and the State. He was a quiet, but effective leader and teacher of both adults and youth clientele, and worked very effectively with many other agencies and groups. He was particularly effective with conservation tillage/no-tillage crop demonstrations, alfalfa production, grain production and marketing, pesticide certification training, farm financial management and small farm programs. He also gave leadership to a number of community and natural resource development programs including county-wide planning and waste disposal efforts. He used the expertise of key leaders in the county to assist in planning and organizing Extension programs.

Mr. Findley was an effective communicator. He used news columns and radio shows in addition to preparing original materials for his educational programs. For his outstanding performance in this area, Mr. Findley received six national awards. He was also recognized on numerous occasions by local groups and statewide organizations.

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

Eugene O. McLean

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 20, 1985, of Eugene O. McLean, Professor Emeritus in the Department of Agronomy.

Professor McLean was born in Nixa, Missouri, on February 14, 1919. He received three academic degrees from the University of Missouri, a Bachelor's degree in soil fertility in 1942; a Masters degree in soil fertility in 1943; and a Ph.D. degree in soil chemistry in 1948. He was an Assistant Professor in the Department of Agronomy at the University of Missouri until 1950. He held the ranks of Assistant and Associate Professor while at the University of Arkansas from 1950 to 1956. He joined the faculty of The Ohio State University 1956 as Associate Professor and was promoted to Professor in 1958. His career of service to the University continued until his retirement in May 1985.

Professor McLean was elected Fellow of the American Society of Argonomy and Fellow of the Soil Science Society of America. He advised over 60 graduate students, more than one-fourth of whom came from developing countries. He

RESOLUTIONS IN MEMORIAM (contd)

Eugene O. McLean (contd)

published over 100 articles on soil chemistry and soil fertility. His procedure for determining the quantity of limestone to add to acid soils is used worldwide. He was active on the Graduate School Committees and Departmental Committees related to graduate education. He was Secretary, and later President of the OSA Chapter of Sigma Xi. His loyalty to the University and his dedication to education inspired his colleagues.

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

Frank C. Starr

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 30, 1985, of Frank C. Starr, Professor Emeritus in the College of Dentistry.

Dr. Starr received his D.D.S. degree from OSU in 1915. He joined the faculty at The Ohio State University College of Dentistry in 1915. He was Chairman of the Crown and Bridge Section during his 42 years of service.

He was a veteran of World War I, retiring at the rank of Colonel. He served as attending Dental Surgeon with the American Red Cross Hospital #2 in France. He received a citation from President Truman for meritorious service in serving as State Chairman, Procurement and Assignment on the War Man Power Committee. He was the last surviving charter member of University Lodge 631 F&AM. He was Past Potentate Aladdin Temple Shrine, 1947, and a charter member of Cabiri, 1947.

Dr. Starr was a Fellow of the American College of Dentistry. He was a Past President of the Columbus Dental Society. He was a member of the Ohio and American Dental Associations and a charter member of the American Academy of Crown and Bridge Prosthodontics. He was a member of Royal Society of Health, London, England and Pierre Fouchard Academie. He was listed in International Blue Book of Who's Who and The American Men of Science. He was a member of Rotary International and the University Faculty Club.

September 5 and 6, 1985 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Frank C. Starr (contd)

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

Gladys G. Woods

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 24, 1985, of Gladys G. Woods, Professor Emeritus in the School of Allied Medical Professions.

Professor Woods was born in Randlett, Oklahoma, on October 26, 1913. She received a Bachelor's degree in Physical Education from the University of Oklahoma in 1934, a Master of Arts degree in Physical Education from Oklahoma State University in 1936 and a Master of Science degree in Physical Therapy from Stanford University in 1951. "Woody," as she was known to her friends and colleagues, received her basic Physical Therapy education at Valley Forge United States Army Hospital in 1944. Her professional service included responsibilities as a staff or supervising physical therapist with the United States Army and at hospitals in Marquette, Michigan; Akron, Ohio; and Columbus, Ohio. She was also the Program Director of the Physical Therapy Program at the New York Medical School in Albany, New York.

Professor Woods was the founder and former Director of the Physical Therapy Program in the School of Allied Medical Professions. She was appointed Instructor in 1953 and was promoted to Assistant Professor in 1961, Associate Professor in 1968, and Professor in 1974. Her career of service to the University extended from 1953 to her retirement as Professor Emeritus in 1974.

Professor Woods was an active member of the American Physical Therapy Association. She was recognized as a member of Who's Who of American Women, as an Honorary Member of Mortar Board at The Ohio State University, and she received many awards for her professional service. Her loyalty to the University and her dedication to the Physical Therapy profession inspired her colleagues.

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

September 5 and 6, 1985 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Upon motion of Mr. Immke, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 86-24

Synopsis: The reports on contracts, grants, and gifts and the summaries for June and July 1985, are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, and The Ohio State University Development Fund during the months of June and July 1985, be approved.

Upon motion of Mr. Redman, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

SUMMARY FOR JUNE 1985

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	150	\$8,822,599.90
Engineering Experiment Station	58	\$ 352,679.00
		\$9,175,278.90

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR JUNE 1985 (contd)

The Ohio State University Development Fund

Establishment of Named Funds

Joseph J. Horst Bio-Medical Engineering Fund (Experimentation and Research)	\$ 63,930.33
Library Endowment Fund (Benefit University Libraries)	\$ 25,000.00
Frank H. Haskett Memorial Scholarship Fund (Scholarship)	\$ 10,850.00
The George W. and William S. Lobach Memorial Scholarship for Veterinary Medicine (Scholarships)	\$ 10,000.00
The Harold and Francis Umbaugh Scholarship Fund (Scholarship - graduates of Marion Harding High School)	\$ 8,365.88
The Lou Levengood Memorial Scholarship Fund in Veterinary Medicine (Scholarships)	\$ 5,230.00
The Dr. Charles D. Diesem Veterinary Anatomy Library Fund (Purchasing books for the Veterinary Medicine Anatomy Library)	\$ 5,040.00
Classics Research and Reference Materials Endowment Fund (Purchase classics research and reference materials for the Department of Classics)	\$ 5,000.00
The Mary Fox Scholarship Fund in Veterinary Medicine (Scholarships)	\$ 5,000.00
Tien-Yi Li Prize Fund (Award outstanding graduate student in Chinese humanities)	\$ 5,000.00
Ralph and Estelle Wenrick Scholarship Fund (Scholarships)	\$ 5,000.00

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR JUNE 1985 (contd)

The Ohio State University Development Fund (contd)

Change in Description of Named Funds

Kappa Phi Kappa Fund
The Kathryn T. Schoen Endowment Fund

Report from Presidents Club

Members to date	5,087
1984-85 members: fiscal year to date	452
New members - June 1985	64

New Presidents Club Members - June 1985

Sarah Anderson	C. A. Naus
Frank J. Bettendorf	Robert L. Santilli
Dick Brown	George Sladoje
Richard L. Damschroder	Robert G. Slagle
William A. Dougherty, III	Keith P. Smith
Mary Hart	Thomas J. Sours
Thomas C. Huff	Ruth A. Spangler
Mort Kaufman	Carol A. Spare
Timothy J. Koder	Dwight Spencer
	J. Robert Warehime

Accuray Corp. (Donald Danison)
Ashland Chemical Co. (Arthur G. Loeffler)
Bernie Nagel & Associates, Inc. (Bernie Nagel)
C. E. Price Door Co., Inc. (Clyde E. Price)
Colony Club Apartments (J. Richard Greer)
Columbia Cement Corp. (E. E. Boseker)
Community Mutual Insurance Co. (Richard D. Dickas)
Dictation/Office Products (James Salvino)
Duff Family Foundation (Donald Scranton)
Feibel-Garek Realtors (Robert S. Garek)
General Electric
Engineered Materials Group (Charles R. Carson)
General Electric Co.
Special Materials Division (E. Louis Kapernaros)
James Petropoulos & Co. (James Petropoulos, Jr.)
Ketchum & Walton Co. (John W. Ketchum)
Lancaster Colony Corp. (John B. Gerlach)
Lender's Service (Robert W. Murphy, Jr.)
McQuades Co. (Daniel P. McQuade)
Michael-Angelo Enterprises, Inc. (Angelo Lamatrice)
Mohawk Rubber Co. (Henry M. Fawcett)
Porter, Wright, Morris & Arthur (Thomas E. Cavendish)
Purdie Metals, Inc. (James T. Purdie)
Ranco, Inc. (Merle H. Reissig)
Rite Rug Co., Inc. (Michael Goldberg)
SCOA Industries (Larry Voelker)

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR JUNE 1985 (contd)

The Ohio State University Development Fund (contd)

New Presidents Club Members - June 1985 (contd)

Sears, Roebuck & Co./Eastland (Robert Dumas)
Sears, Roebuck & Co./Northland (Thomas P. Gallahue)
Sears, Roebuck & Co./Westland (Ed Thomas)
Summer & Co. (Joe Summer)
Superior Jewelry Co. (Barry R. Lucas)
T. Marzetti Co. (Larry G. Noble)
Weber Jewelers, Inc. (Fred Weber)
Worthington Industries (John McConnell)
Your Host, Inc. (William R. Smith)
LeVeque Enterprises (Frederick W. LeVeque, Jr.)
O. G. Sandbo Co. (Douglas R. Sandbo)
Roushonda (James A. Jonard)
Borden, Inc. (Ms. Judy Barker)
Honda of America Mfg., Inc. (Shoichiro Irimajiri,
and Shige Yoshida)

Arthur W. Handschy
Joseph L. Logan
Donald F. Middendorf

Michael D. Murphy
Thomas E. Whiston
Roger R. Stinehart

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR JULY 1985

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	108	\$13,604,328.00
Engineering Experiment Station	32	\$ 783,624.00
		\$14,387,952.00

The Ohio State University Development Fund

Establishment of Named Funds

The Chester C. Winter Urology Research Award (Award a current resident of the OSU Urology program)	\$	80,000.00
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The Distinguished Teaching Award Endowment Fund (Support the Alumni Award for Distinguished Teaching)	\$	10,000.00
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The Chester C. Winter Urology Library Endowment (Support the Department of Urology Library)	\$	8,000.00
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Alumni Scholarship Fund - The College of Social Work (Scholarships)	\$	5,000.00
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Helen Hooven Santmyer Fund (Enhance the publication program of the University Press)	\$	5,000.00
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Change of Name and Description of Named Fund

From: John W. and Elizabeth Williams Paynter
Scholarship Fund

To: John W. and Catherine Thompson Paynter
Scholarship Fund

Change in Description of Named Funds

The Samuel Freifield Endowed Scholarship Fund in Law
Edward H. French and Thomas E. French Memorial Fund
The Judy Stewart Mesenburg Memorial Scholarship Fund
Dorothy Sumption Wirthwein - Women's Physical Education
Fund

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR JULY 1985 (contd)

The Ohio State University Development Fund (contd)

Report from Presidents Club

Members to date	5,107
1985-86 members: fiscal year to date	20
New members - July 1985	20

New Presidents Club Members - July 1985

Gary B. Robins	Maureen Dargusch
Louis Robins	Nancy Lewis
William R. Salmans	Richard L. Phillips
Helen T. Creed	Marion A. Thomas
Caroline S. Dargusch	Floyd Henderson

Bremco Industries, Inc. (Jack L. Howell)
H. F. Industries (Walt Dennis)
Huntington National Bank (Lloyd D. Peele)
Karder Machine Co. (Mike Karder)
Marathon Oil Co (M. W. Nicholas, Jr.)
Leukart Limited (Walter J. Leukart, Jr.)
Ronald H. Reeb Co. (Ronald H. Reeb)
I. H. Schlezinger & Sons, Inc. (Raymond I. Wells)
Ohio Fertilizer and Pesticide Assoc., Inc.
(John C. Foltz)
Ohio Grain and Feed Association, Inc. (John C. Foltz)

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - June 1985

Federal Research Contracts/Grants

\$866,400.00 - Department of Education, Office of Special Education, Washington, DC, Regional Resource Center, Department of Human Services Education (T. M. Stephens), 1 June 1985 through 31 May 1986. (Project 763600 - Continuation)

\$653,995.00 - International Development Cooperative Agency, Agency for International Development, Washington, DC, Study of Rural Financial Markets in Niger, Department of Agricultural Economics and Rural Sociology (D. H. Graham), 1 March 1985 through 31 August 1986. (Project 763301 - Continuation)

\$316,938.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Pathobiological Determinants of Atherosclerosis, Department of Surgery (J. F. Cornhill), 1 June 1985 through 31 May 1986. (Project 764727 - New)

\$273,737.00 - National Security Agency, Fort George G. Meade, MD, Advanced Individualized Materials for Seven Slavic and East European Languages, Department of Slavic and East European Languages and Literatures (L. I. Twarog), 29 May 1985 through 28 January 1986. (Project 764672 - New)

\$271,375.00 - National Science Foundation, Washington, DC, The Spectroscopy of Chemical Intermediates and Other Transient Species, Department of Chemistry (T. A. Miller), 1 June 1985 through 31 May 1986. (Project 764814 - New)

\$175,000.00 - Department of Health and Human Services, Office of Human Development Services, Administration on Developmental Disabilities, Kansas City, MO, UAF Administration and Operation, Nisonger Center for Mental Retardation (M. J. Guralnick), 30 June 1985 through 29 June 1986. (Project 763712 - Continuation)

\$167,715.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Unsaturated Polyolefins and Hydrocarbon Carcinogenesis, Department of Chemistry (L. A. Paquette), 1 June 1985 through 31 May 1986. (Project 763284 - Continuation)

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$158,105.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Oncology Training Grant, Department of Medicine (S. P. Balcerzak), 1 July 1985 through 30 June 1986. (Project 761160 - Continuation)

\$147,000.00 - Department of the Interior, Bureau of Mines, Washington, DC, Mining and Mineral Resources Research Institute Annual Allotment, Division of Mining Engineering (G. R. St. Pierre), 1 July 1985 through 30 June 1986. (Project 764816 - New)

\$139,761.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Immunosuppressive Properties of Retrovirus Protein, Department of Veterinary Pathobiology (R. G. Olsen and L. E. Mathes), 1 July 1985 through 30 June 1986. (Project 762986 - Continuation)

\$133,327.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Fertility and Poverty: Data from a Large Experiment, Department of Economics (R. J. Olsen), 1 July 1985 through 30 June 1986. (Project 764213 - Continuation)

\$130,941.00 - National Science Foundation, Washington, DC, Selective Predation, Herbivory, and Habitat Structures Multiple Predators and Their Impact on Freshwater Snail Assemblages, Department of Zoology (R. A. Stein), 15 May 1985 through 14 May 1988. (Project 764684 - New)

\$123,859.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Development of Cerebellar Circuits, Department of Anatomy (J. S. King), 1 September 1985 through 31 August 1986. (Project 760045 - Continuation)

\$122,560.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Molecular Genetics of Epstein-Barr Virus, Department of Medical Microbiology and Immunology (M. R. Glaser), 1 July 1985 through 30 June 1986. (Project 764251 - Continuation)

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$115,260.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Carcinogenesis, Molecular and Cellular Biology, Cancer Research Center and Department of Physiological Chemistry (G. E. Milo), 1 September 1985 through 31 August 1986. (Project 764351 - Continuation)

\$114,898.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Genotoxicity in Human Fetal Brain, Dermis, and Kidney, Department of Radiology (S. M. D'Ambrosio) and Department of Pharmacology (A. A. Wani), 1 June 1985 through 31 May 1986. (Project 763673 - Continuation)

\$114,135.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Dual Regulation of Human B Cell Colony Responses, Department of Medicine (R. L. Whisler), 1 July 1985 through 30 June 1986. (Project 764226 - Continuation)

\$108,999.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Androgens in Insects, Department of Entomology (D. L. Denlinger) and College of Pharmacy (R. W. Brueggemeier), 1 July 1985 through 30 June 1986. (Project 764185 - Continuation)

\$108,441.00 - Department of the Army, Army Research Office, Research Triangle Park, NC, Studies on Syntheses and Derivatives of Boron Hydride Systems, Department of Chemistry (S. G. Shore), 1 July 1985 through 30 June 1986. (Project 764813 - New)

\$105,966.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, MD, Aerobic Training Effects on Women with Breast Cancer, Department of Life Span Process (M. G. Macvicar), School of Health, Physical Education and Recreation (R. L. Bartels) and Department of Statistics (J. P. Klein), 1 July 1985 through 30 June 1986. (Project 764204 - Continuation)

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$87,500.00 - National Science Foundation, Washington, DC, Structure, Dynamic Behavior and Synthesis of Selected Carbanionic Substances, Department of Chemistry (G. A. Fraenkel), 1 July 1985 through 30 June 1986. (Project 763630 - Continuation)

\$86,445.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Effects of Antimitotic Drugs on CNS Regeneration, Department of Anatomy (R. W. Burry), 1 July 1985 through 30 June 1986. (Project 763707 - Continuation)

\$80,000.00 - Department of Energy, Golden, CO, Surface Influences and Zone Boundary Processes in Solar Ponds, Department of Physics (C. E. Nielsen), 15 June 1985 through 14 June 1986. (Project 764205 - Continuation)

\$79,910.00 - Department of the Navy, Naval Air Development Center, Washington, DC, Adaptive Array Techniques for Communication Systems, Department of Electrical Engineering, ElectroScience Laboratory (R. T. Compton, Jr.), 21 May 1985 through 20 May 1986. (Project 764746 - New)

\$78,867.00 - Department of Energy, Argonne, IL, In Situ High Temperature Oxidation Studies, Department of Metallurgical Engineering (R. A. Rapp), 1 July 1985 through 30 June 1986. (Project 764227 - Continuation)

\$78,250.00 - Department of the Army, Army Research Office, Research Triangle Park, NC, An Investigation into the Metallurgical Aspects of Joining Rapidly-Solidified Powder Metallurgy Aluminum Alloys, Department of Welding Engineering (W. A. Baeslack, III), 1 September 1985 through 3 August 1986. (Project 764348 - Continuation)

\$75,406.00 - National Science Foundation, Washington, DC, Raman and Spatially Resolved Spectroelectrochemistry, Department of Chemistry (R. L. McCreery), 1 July 1985 through 30 June 1986. (Project 764803 - New)

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$75,000.00 - Department of Agriculture, Washington, DC, Rain Splash Dispersal of Phytophthora Cactorum, Department of Pathology - OARDC (L. V. Madden and M. A. Ellis), 1 September 1985 through 31 August 1987. (Project 764729 - New)

\$70,000.00 - Department of Agriculture, Science and Education, Washington, DC, Genetic Transformation and Direct Cloning in Neurospora, Department of Biochemistry (G. A. Marzluf), 1 June 1985 through 31 May 1987. (Project 764778 - New)

\$69,775.00 - Department of Energy, Argonne, IL, Generation of Microporosity in Steel Welds and Its Role in Hydrogen Attack, Department of Metallurgical Engineering (P. S. Shewmon), 1 June 1985 through 31 May 1986. (Project 764146 - Continuation)

\$69,697.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Calcium and Calmodulin in Smooth Muscle Contraction, Department of Physiological Chemistry (J. D. Johnson), 1 July 1985 through 30 June 1986. (Project 764737 - New)

\$68,474.00 - National Science Foundation, Washington, DC, Free Radical Cyclizations in Carbocycle Synthesis, Department of Chemistry (D. J. Hart), 1 September 1985 through 31 August 1986. (Project 764775 - New)

\$66,797.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Energetics of Contraction in Single Muscle Cells, Department of Physiology (J. A. Rall), 1 July 1985 through 30 June 1986. (Project 760993 - Continuation)

\$62,500.00 - National Science Foundation, Washington, DC, Presidential Young Investigator Award - Fracture and Toughening of Ceramic Materials, Department of Ceramic Engineering (K. T. Faber), 1 July 1985 through 30 June 1986. (Project 764324 - Continuation)

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$58,832.00 - National Science Foundation, Washington, DC, Single-Atom Peri Bridged Arenes and Hetarenes: Carbanic Processes, Department of Chemistry (H. Shechter), 1 July 1985 through 30 June 1986. (Project 764751 - New)

\$57,606.00 - Department of Agriculture, Agricultural Research Service, Washington, DC, A Multidisciplinary Ph.D. Fellowship Program in Food and Agricultural Marketing, Food Science and Human Nutrition, Department of Agricultural Economics and Rural Sociology (J. Havlicek), Department of Horticulture (W. A. Gould) and Department of Food Science and Nutrition (E. M. Mikolajcik), 1 October 1986 through 31 March 1988. (Project 764460 - Continuation)

\$57,000.00 - National Aeronautics and Space Administration, George C. Marshall Flight Center, Marshall Space Flight Center, AL, Theoretical Studies of the Surface Tension of Liquid Metal Systems, Department of Physics (D. G. Stroud), 1 July 1985 through 30 June 1986. (Project 764280 - Continuation)

\$57,000.00 - National Science Foundation, Washington, DC, Regulation of Dihydrofolate Reductase Gene Expression, Department of Biochemistry (L. F. Johnson), 1 August 1985 through 31 July 1986. (Project 763775 - Continuation)

\$55,000.00 - National Science Foundation, Washington, DC, Cyclic Homology, Geometry and Topology, Department of Mathematics (D. Burghlelea), 1 July 1985 through 30 June 1987. (Project 764761 - New)

\$54,785.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Behavioral Stress and Myocardial Ischemia, Department of Physiology (G. E. Billman), 1 July 1985 through 30 June 1986. (Project 764256 - Continuation)

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$51,450.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Isokinetic Analysis of Inspiratory Muscle Function, Department of Medicine (T. L. Clanton), 1 July 1985 through 30 June 1986. (Project 764819 - New)

\$50,800.00 - National Science Foundation, Washington, DC, Theoretical Studies of Equilibrium and Nonequilibrium Multilayer Films, Department of Physics (C. A. Ebner and W. F. Saam), 1 July 1985 through 30 June 1986. (Project 764263 - Continuation)

\$49,072.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, A Study of the Rhythm of Spoken Language, Department of Communication (R. A. Fox) and Department of Linguistics (I. Lehisté), 1 July 1985 through 30 June 1986. (Project 764201 - Continuation)

\$45,000.00 - Department of Education, Office of Postsecondary Education, Washington, DC, The Ohio State-Purdue Russian Language Program at the Pushkin Institute in Moscow, USSR, Department of Slavic and East European Languages and Literatures (L. I. Twarog), 1 August 1985 through 31 July 1986. (Project 764815 - Continuation)

\$41,325.00 - National Science Foundation, Washington, DC, Petrogenesis of the Ferrar Supergroup and Provenance of Neogene Till in the Transarctic Mountains, Institute of Polar Studies and Department of Geology and Mineralogy (G. Faure), 1 July 1985 through 30 June 1986. (Project 764807 - New)

\$27,291.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, General Clinical Research Center - Clinical Associate Program, College of Medicine - Administration (M. Tzagournis) and Department of Medicine (W. B. Malarkey and K. Osei), 1 July 1985 through 30 November 1985. (Project 761196 - Continuation)

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$24,996.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Monocyte-Macrophage Modulation Using Liposomes, Department of Medicine (J. J. Rinehart and M. A. Leyko), 1 July 1985 through 30 June 1986. (Project 764179 - Continuation)

\$24,400.00 - National Science Foundation, Washington, DC, Complex Geometry and Banach Spaces, Department of Mathematics (W. J. Davis), 1 July 1985 through 30 June 1986. (Project 764273 - Continuation)

\$24,000.00 - National Science Foundation, Washington, DC, Connections between Ergodic Theory and Combinatorics, Department of Mathematics (L. Sucheston and V. Bergelson), 1 July 1985 through 30 June 1987. (Project 764811 - New)

\$20,000.00 - Department of the Army, Army Research Office, Research Triangle Park, NC, Long Range Electron Transfer in Polypeptides, Department of Chemistry (M. Klapper), 15 July 1985 through 14 September 1985. (Project 764734 - New)

\$19,803.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, OH, Modeling Cumulative Damage Processes in Composite Laminates, Department of Civil Engineering (R. S. Sandhu), 1 July 1985 through 30 September 1985. (Project 764779 - New)

\$19,275.00 - Department of the Army, Army Research Office, Research Triangle Park, NC, Nondestructive Imaging and Kinetics of Diffusion Phenomena in Electron Spin Resonance, Department of Chemistry (L. J. Berliner), 1 August 1985 through 30 September 1985. (Project 764753 - New)

\$18,996.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, An Analysis of Purkinje Cell Axonal Collaterals, Department of Anatomy (J. S. King, G. A. Bishop and D. L. O'Donoghue), 1 June 1985 through 31 May 1986. (Project 764731 - New)

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$18,260.00 - Department of the Army, Army Research Office, Research Triangle Park, NC, A New Approach to Pattern Theory, Fractals, and Their Parallel Computation, Department of Computer and Information Science (J. Rothstein), 1 July 1985 through 31 August 1985. (Project 764752 - New)

\$18,000.00 - Department of Housing and Urban Development, Washington, DC, Housing Prices and Market Segmentation: An Analysis of White, Black, and Spanish Origin Households, Department of Sociology (L. J. Krivo), 10 May 1985 through 29 August 1986. (Project 764771 - New)

\$17,250.00 - National Science Foundation, Washington, DC, Index Theoretical Applications of Harmonic Analysis on Lie Groups, Department of Mathematics (H. Moscovici), 1 July 1985 through 30 June 1986. (Project 764810 - New)

\$17,000.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, OH, Development of a Composite Rib Structure, Department of Mechanical Engineering (J. A. Collins), 1 July 1985 through 31 December 1985. (Project 764086 - Continuation)

\$16,604.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, OH, Evaluation of Hybrid III Double Rib Design, Department of Mechanical Engineering (J. A. Collins), 1 May 1985 through 1 October 1985. (Project 764736 - New)

\$15,700.00 - National Aeronautics and Space Administration, Washington, DC, The Potential Role of Calmodulin in the Gravitropic Response, Department of Botany (M. L. Evans and C. L. Stinemetz), 1 June 1985 through 31 May 1986. (Project 764741 - New)

\$15,293.00 - Department of the Army, Fort Sheridan, IL, Armed Services Vocational Aptitude Battery (ASVAB) Advisory Panel, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1985 through 30 September 1985. (Project 763319 - Continuation)

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$14,999.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, CA, Analysis of a High-Lift Transonic Airfoil, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek), 1 June 1985 through 30 September 1985. (Project 764759 - New)

\$12,200.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, MD, Emission Line Region Kinematics in Selected Seyfert Galaxies, Department of Astronomy (G. J. Ferland), 1 July 1985 through 30 June 1986. (Project 764809 - New)

\$11,666.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, MD, Nurse Anesthetist Traineeship Grant, School of Allied Medical Professions (W. R. Waugaman), 1 July 1985 through 30 June 1986. (Project 764173 - Continuation)

\$6,402.00 - Department of Agriculture, Agricultural Research Service, Washington, DC, Graduate Education in Soil and Water Management Engineering and Environmental Engineering, Department of Agricultural Engineering - OARDC and Department of Agricultural Engineering (W. L. Roller), 1 October 1986 through 31 March 1988. (Project 764461 - Continuation)

\$1,008.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, An Analysis of Purkinje Cell Axonal Collaterals, Department of Anatomy (J. S. King, G. A. Bishop and D. L. O'Donoghue), 1 June 1985 through 31 May 1986. (Project 764731 - Continuation)

Computer Time - National Science Foundation, Washington, DC, Supercomputing Resources to Supplement the "Statistical Studies of the Genetic Effects Caused by Population Bottlenecks," Department of Genetics (P. A. Fuerst), 1 May 1985 through 30 April 1986. (Project 764659 - Continuation)

TOTAL - FEDERAL AWARDS

\$6,318,046.00

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants

\$42,683.90 - State of Ohio, Department of Education, Columbus, OH, Martin Essex School for the Gifted, Department of Human Services Education (R. H. Swassing), 1 April 1985 through 31 March 1986. (Project 764744 - Continuation)

\$23,345.00 - State of Ohio, Department of Mental Health, Columbus, OH, Mental Health Implications of the Postpartum Period, Department of Sociology (V. A. Taylor), 1 July 1985 through 30 June 1986. (Project 764264 - Continuation)

\$9,246.00 - State of Ohio, Department of Education, Columbus, OH, Upward Bound Summer Food Service Program, Office of Minority Affairs (J. Cruz), 15 June 1985 through 26 July 1985. (Project 764750 - New)

\$8,750.00 - State of Ohio, Department of Mental Retardation and Developmental Disabilities, Columbus, OH, Essential Components of a Comprehensive Model Interagency Early Intervention Program for Young Children Age Birth to Four and Their Families, Nisonger Center for Mental Retardation (E. H. King), 1 June 1985 through 31 August 1985. (Project 764739 - New)

\$2,553.00 - State of Ohio, Department of Natural Resources, Columbus, OH, Community Composition, Structure and Successional Dynamics of Goll Woods State Nature Preserve, Department of Botany (R. E. J. Boerner), 2 May 1985 through 1 June 1986. (Project 764697 - New)

\$800.00 - State of Ohio, Ohio Department of Education, Columbus, OH, Ohio Education Dean's Task Force Project, Department of Human Services Education (T. M. Stephens), 1 July 1985 through 30 June 1986. (Project 764196 - Continuation)

TOTAL - STATE OF OHIO AWARDS

\$ 87,377.90

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants

\$112,712.00 - Pfizer, Inc., New York, NY, Double-Blind Comparison of Citalopram, Amitriptyline, and Placebo in Outpatients with Depression, Department of Psychiatry (S. L. Stern), 19 June 1985 through 18 June 1987. (Project 764789 - New)

\$76,454.00 - American Electric Power Service Corporation, Columbus, OH, Assessment of the Nature, Extent and Causes of Pitch Pine Decline in the East Central States, Laboratory Environmental Science - OARDC (J. R. McClenahan), 1 March 1985 through 29 February 1988. (Project 764740 - New)

\$62,572.00 - Rockwell International Corporation, Columbus, OH, Electromagnetic Studies, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters, Jr.), 9 May 1985 through 30 November 1985. (Project 764700 - New)

\$60,183.00 - The Procter & Gamble Company, Cincinnati, OH, Study of Dental Caries, College of Dentistry - Oral Biology (W. A. Zacherl), 1 July 1984 through 30 September 1985. (Project 762065 - Continuation)

\$47,479.00 - American Electric Power Service Corporation, Columbus, OH, A Study of the Unionid Mollusca of the Clinch River in the Vicinity of Carbo, VA, Department of Zoology (D. H. Stansbery), 1 June 1985 through 31 December 1986. (Project 764801 - New)

\$46,780.00 - Norwich-Eaton Pharmaceuticals, Inc., Norwich, NY, An Open-Label Study to Determine the Activity of Nitrofurantoin Repeat Action in the Treatment of Acute, Uncomplicated Urinary Tract Infections, Department of Medicine (C. M. Kunin), 1 January 1985 through 31 July 1985. (Project 764645 - Continuation)

\$37,000.00 - United Technologies Corporation, Research Center, East Hartford, CT, Engineering Kinetics of Coal Devolatilization, Department of Mechanical Engineering (R. H. Essenhig), 1 July 1985 through 28 February 1986. (Project 764480 - Continuation)

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$29,664.00 - Rockwell International Corporation, Columbus, OH, Electromagnetic Studies, Department of Electrical Engineering, ElectroScience Laboratory (W. D. Burnside), 9 May 1985 through 30 November 1985. (Project 764700 - New)

\$22,527.00 - TRW, Redondo Beach, CA, Mechanisms and Kinetics of Coal Volatiles Combustion, Department of Mechanical Engineering (R. H. Essenhugh), 1 May 1985 through 31 December 1985. (Project 764572 - Continuation)

\$20,684.00 - General Electric Company, Milwaukee, WI, Design and Implementation of Surface Coils in Magnetic Resonance Imaging of the Female Breast, Department of Electrical Engineering, ElectroScience Laboratory (E. H. Newman) and Department of Radiology (W. W. Hunter), 10 June 1985 through 9 June 1986. (Project 764577 - New)

\$14,500.00 - General Electric Company, Milwaukee, WI, Development and Evaluation of Magnetic Resonance Technology Directed Toward Morphologic and Biochemical Analysis of Abnormalities, Department of Radiology (W. W. Hunter), 10 June 1985 through 9 June 1986. (Project 764577 - New)

\$10,000.00 - Hoffman-LaRoche, Inc., Nutley, NJ, Ro 17-2301 in the Parenteral Therapy of Bacterial Infections, Department of Medicine (J. F. Plouffe), 1 May 1985 through 31 March 1986. (Project 763852 - Continuation)

\$3,400.00 - International Training and Education Company, Framingham, MA, Inresident/Fellowship/Training and Assistance for Academic Program for Mr. Jaber Al-Essa, Jubail Human Resources Development Institute, The National Center for Research in Vocational Education (R. E. Taylor), 1 June 1985 through 30 September 1985. (Project 763633 - Continuation)

TOTAL - INDUSTRIAL AWARDS

\$ 543,955.00

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants

\$300,000.00 - Midwest Universities Consortium for International Activities, Inc., Champaign, IL, Burma Maize and Oilseeds Production Project, International Programs in Agriculture (M. E. Headings), 1 April 1985 through 31 July 1985. (Project 763368 - Continuation)

\$227,169.00 - W. K. Kellogg Foundation, Battle Creek, MI, Interprofessional Development of Clinical and Continuing Education by the Commission on Interprofessional Education and Practice, Department of Educational Policy and Leadership (L. Cunningham), 1 October 1984 through 30 September 1985. (Project 762825 - Continuation)

\$95,911.00 - W. K. Kellogg Foundation, Battle Creek, MI, Computerized Advisory Service for Horticulture (CASH), Department of Entomology - OARDC (F. R. Hall) and Cooperative Extension State Operations (H. R. Willson), 1 June 1985 through 31 May 1986. (Project 764817 - New)

\$93,794.00 - Danforth Foundation, St. Louis, MO, A Handbook of Alternative Approaches to High School World Studies, Merhson Center for Education (R. C. Remy and R. B. Woyach), 1 June 1985 through 30 September 1986. (Project 764735 - New)

\$88,492.00 - Smokeless Tobacco Research Council, Inc., New York, NY, Effect of Smokeless Tobacco in Periodontal Health, College of Dentistry - Oral Biology (K. L. Schroeder and S. Rosen), 1 July 1985 through 30 June 1986. (Project 764728 - New)

\$77,773.00 - Franklin County Board of Mental Retardation and Developmental Disabilities, Columbus, OH, Exemplary Dental Services for the Handicapped, Nisonger Center for Mental Retardation (E. S. Sterling), 1 July 1985 through 30 June 1986. (Project 764732 - Continuation)

\$75,758.00 - Licking County Joint Vocational School, Newark, OH, Infusion of Entrepreneurship Education in Ohio, The National Center for Research in Vocational Education (R. E. Taylor), 1 June 1985 through 31 January 1986. (Project 764747 - New)

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$46,212.00 - Educational Testing Service, Princeton, NJ, Updating SIGI Data Bank, The National Center for Research in Vocational Education (R. E. Taylor), 1 May 1985 through 31 August 1985. (Project 764756 - New)

\$40,000.00 - Battelle Memorial Institute, Columbus, OH, Relation between Microstructure and Fracture Toughness in a High Toughness, Complex, Low Alloy Steel, Department of Metallurgical Engineering (J. P. Hirth), 1 June 1985 through 31 May 1986. (Project 764762 - Continuation)

\$32,560.00 - American Heart Association, Dallas, TX, Cardiomyopathy of Z-lines: Rod Body Isolation and Analysis, Department of Veterinary Anatomy (M. Yamaguchi), 1 July 1985 through 30 June 1986. (Project 763675 - Continuation)

\$30,548.00 - Southeastern Ohio Technical Education Consortium, Nelsonville, OH, Cooperative Agreement between the Southeastern Ohio Technical Education Consortium and The Ohio State University Research Foundation, Cooperative Extension Service Field Operations (C. J. Cunningham), 1 September 1984 through 30 June 1985. (Project 763318 - Continuation)

\$25,000.00 - Alfred P. Sloan Foundation, New York, NY, Alfred P. Sloan Fellowship, Department of Chemistry (B. E. Bursten), 16 September 1985 through 15 September 1987. (Project 764730 - New)

\$25,000.00 - Alfred P. Sloan Foundation, New York, NY, Alfred P. Sloan Research Fellowship, Department of Mathematics (K. C. Rubin), 16 September 1985 through 15 September 1987. (Project 764808 - New)

\$25,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Exercise Effects in the Watanabe Hyperlipidemic Rabbit, Department of Physiological Chemistry (A. J. Merola), 1 July 1985 through 30 June 1986. (Project 764780 - New)

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$25,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Heart Z-line Proteins: A Novel Approach with 1-Z-1 Brushes, Department of Veterinary Anatomy (M. Yamaguchi), 1 July 1985 through 30 June 1986. (Project 764782 - New)

\$25,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Isoactin Regulation in Smooth Muscle Cell Differentiation, Department of Anatomy (A. R. Strauch), 1 July 1985 through 30 June 1986. (Project 764763 - New)

\$25,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, The Roles of Monocytes (MO) and MO Derived Foam Cells in Human Atherosclerosis, Department of Medicine (R. L. Whisler), 1 July 1985 through 30 June 1986. (Project 764796 - New)

\$24,223.00 - Council on International Educational Exchange, New York, NY, Intensive English in the U.S.A. for Japanese Teachers of English, Academic Affairs Administration (F. M. Firebaugh), 1 June 1985 through 31 December 1985. (Project 764788 - New)

\$23,990.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Intracellular Measurement of Free Calcium in Single Myocytes, Department of Physiology (B. T. Stokes), 1 July 1985 through 30 June 1986. (Project 764765 - New)

\$20,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Adenine Nucleotide Metabolism in Heart Myocytes, Department of Physiological Chemistry (G. P. Brierley), 1 October 1985 through 30 September 1986. (Project 764210 - Continuation)

\$20,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Calcium Transport Reactions in "Ischemic" Isolated Myocytes, Department of Physiological Chemistry (R. A. Altschuld), 1 October 1985 through 30 September 1986. (Project 764791 - New)

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Hypomagnesemia and Dysrhythmias in Cardiomyopathic Patients, Department of Medicine (D. V. Unverferth and M. R. Murnane), 1 July 1985 through 30 June 1986. (Project 764773 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Impedance in Heart Failure: Response to Therapeutic Agents, Department of Medicine (P. F. Binkley), 1 July 1985 through 30 June 1986. (Project 764784 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Measurement of Free Ca in Heart Cells by Quin-2 Fluorescence, Department of Physiological Chemistry (R. A. Altschuld and M. R. Lambert), 1 July 1985 through 30 June 1986. (Project 764134 - Continuation)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Repetitive Noninvasive Electrophysiologic Testing, Department of Medicine (S. F. Schaal and S. C. Wenzke), 1 July 1985 through 30 June 1986. (Project 764776 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Repetitive Noninvasive Electrophysiological Testing, Department of Medicine (S. F. Schaal and B. L. Wilkoff), 1 July 1985 through 30 June 1986. (Project 764774 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Sudden Death: Prediction by Invasive and Noninvasive Tests, Department of Medicine (H. Boudoulas and K. Fullin), 1 July 1985 through 30 June 1986. (Project 764758 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, The Development and Use of Nuclear Phonocardiography, Department of Medicine (C. F. Wooley and J. A. Fisher), 1 July 1985 through 30 June 1986. (Project 764777 - New)

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$17,962.00 - American Heart Association, Central Ohio Chapter, Inc., Columbus, OH, Adrenal Catecholamine Release: Receptor Mechanisms, College of Pharmacy (D. B. McKay), 1 July 1985 through 30 June 1986. (Project 764769 - New)

\$17,945.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Isoactin Regulation in Smooth Muscle Cell Differentiation, Department of Anatomy (A. R. Strauch), 1 July 1985 through 30 June 1986. (Project 764764 - New)

\$17,604.00 - Children's Hospital, Columbus, OH, Pancreatic Function Testing with Lipid Analogues, Department of Veterinary Clinical Sciences (R. G. Sherding), 1 April 1985 through 31 March 1986. (Project 763995 - Continuation)

\$17,204.00 - Grandview Heights Schools, Columbus, OH, Grandview Heights Schools Internship Project, Department of Educational Policy and Leadership (C. M. Galloway), 1 October 1985 through 30 June 1986. (Project 764818 - New)

\$17,000.00 - American Lung Association, New York, NY, Research Training Fellowship Award, Department of Medicine (J. E. Gadek and J. L. Costello), 1 July 1985 through 30 June 1986. (Project 764742 - New)

\$16,600.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Determinants of Peak Force Production in Single Muscle Cells, Department of Physiology (J. A. Rall and S. C. Harris), 1 July 1985 through 30 June 1986. (Project 764766 - New)

\$16,000.00 - Battelle Memorial Institute, Richland, WA, Production of Maleic Anhydride from C₄ Hydrocarbons Using Molybdenum Oxide Catalysts Doped with Simple Molybdates, Department of Chemical Engineering (U. Ozkan), 1 June 1985 through 30 November 1985. (Project 764760 - New)

\$15,245.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Organ Failure in Septic Shock: The Role of Regional Blood Flow Alterations, Department of Medicine (P. M. Dorinsky), 1 July 1985 through 30 June 1986. (Project 764787 - New)

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$15,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Artificial Enzymes that Act as Ribonucleoside Glycosylases, Department of Chemistry (A. Czarnik), 1 July 1985 through 30 June 1986. (Project 764755 - New)

\$15,000.00 - American Heart Association, Central Ohio Chapter, Inc., Columbus, OH, Intimal Injury from Coronary Catheterization, Department of Pathology (D. L. Fry) and Department of Medicine (J. M. Pap), 1 July 1985 through 30 June 1986. (Project 764785 - New)

\$15,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Repetitive Noninvasion Electrophysiologic Testing, Department of Medicine (S. F. Schaal and B. L. Wilkoff), 1 July 1985 through 30 June 1986. (Project 764794 - New)

\$14,999.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Hypomagnesemia and Dysrhythmias in Cardiomyopathic Patients, Department of Medicine (D. Unverferth and M. R. Murnane), 1 July 1985 through 30 June 1986. (Project 764793 - New)

\$14,970.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Identification, Characterization and Chromosomal Linkage of the Human Cardiac Myosin Alkali Light Chain Gene, Department of Genetics (S. Falkenthal), 1 July 1985 through 30 June 1986. (Project 764754 - New)

\$14,545.00 - American Lung Association of Ohio, Columbus, OH, Mechanisms of Lung Injury in the Adult Respiratory Distress Syndrome, Department of Medicine (J. E. Weiland), 1 July 1985 through 30 June 1986. (Project 764738 - New)

\$14,122.00 - American Lung Association of Ohio, Columbus, OH, Oxidant Injury in the Lower Respiratory Tract of Cigarette Smokers: The Effect of Oral Vitamin E Therapy, Department of Medicine (W. B. Davis), 1 July 1985 through 30 June 1986. (Project 764316 - Continuation)

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$14,000.00 - Seven Members of the National Secondary Alliance, National Postsecondary Alliance, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1985 through 30 June 1986. (Project 764743 - Continuation)

\$13,610.00 - Massachusetts State Department of Education, Quincy, MA, Consortium for the Development of Professional Materials for Vocational Education - Massachusetts State Department of Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1985 through 30 June 1986. (Project 764772 - Continuation)

\$13,314.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, The Role of Carbonic Anhydrase in Proximal Tubular Function, Department of Physiology (B. A. Biagi), 1 July 1985 through 30 June 1986. (Project 764767 - New)

\$12,265.00 - American Association of Colleges and of Pharmacy, Bethesda, MD, Computer-Facilitated Undergraduate Recruitment Activities with Active Alumni and Pharmacy Student Participation, College of Pharmacy (M. C. Gerald), 1 June 1985 through 31 May 1986. (Project 764749 - New)

\$11,340.00 - University of Wisconsin, Madison, WI, General Participant Training II, Academic Affairs Administration (D. G. McCloud), 15 February 1985 through 31 May 1985. (Project 764800 - New)

\$10,000.00 - Central Ohio Diabetes Association, Columbus, OH, Recurrence of Diabetic Change in a Renal Transplant, Department of Medicine (W. H. Bay), 1 June 1985 through 31 May 1986. (Project 764757 - New)

\$10,000.00 - Weight Watchers Foundation, Manhasset, NY, Role of Endorphins in Stress-Induced Eating, Department of Pharmacology (G. A. Tejwani), 1 July 1985 through 30 June 1986. (Project 764088 - Continuation)

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$9,625.00 - United Nations, Geneva, Switzerland, Evaluation of Active Immunization with Synthetic Peptides of hCG as a Fertility Control Method, Department of Obstetrics and Gynecology (V. C. Stevens), 1 July 1984 through 30 June 1985. (Project 760113 - Continuation)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, OH, Hemodynamics of CHE: 24-Hour Time Course and Placebo Effect, Department of Medicine (C. V. Leier and N. Majetich), 1 July 1985 through 31 December 1985. (Project 764770 - New)

\$8,000.00 - American Cancer Society, Ohio Division, Inc., Cleveland, OH, Cultivation of Thymus Nurse Cells for Use in the Study of Leukemogenesis, Department of Anatomy (K. H. Jones), 1 July 1985 through 30 June 1986. (Project 764768 - New)

\$8,000.00 - American Cancer Society, Ohio Division, Inc., Cleveland, OH, Some Preliminary Studies of Affinity Probes for the Retinoic Acid-Binding Proteins, College of Pharmacy (R. W. Curley, Jr.), 1 July 1985 through 30 June 1986. (Project 764786 - New)

\$7,997.00 - American Cancer Society, Ohio Division, Inc., Cleveland, OH, Curing Mammalian Cells of Amplified DNA Sequences, Department of Radiology (R. M. Snapka), 1 July 1985 through 30 June 1986. (Project 764797 - New)

\$7,007.00 - American Cancer Society, Ohio Division, Inc., Cleveland, OH, Characterization of Oncogene Expression in Premalignant Lesions of Stratified Squamous Epithelium by in Situ Hybridization, College of Dentistry - Diagnostic Services (C. F. Shuler), 1 July 1985 through 30 June 1986. (Project 764792 - New)

\$6,320.00 - American Cancer Society, Ohio Division, Inc., Cleveland, OH, Regional Modulation of Glutathione Metabolism to Enhance Cisplatin Efficacy, College of Pharmacy (M. G. Wientjes), 1 July 1985 through 30 June 1986. (Project 764781 - New)

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$5,000.00 - American Society of Extra-Corporeal Technology, Inc., Reston, VA, Veno-Venous Bypass for CO Removal: Acute Ventilatory Support, School of Allied Medical Professions (P. D. Beckley) and Department of Anesthesia (R. D. Tallman, Jr.), 31 March 1985 through 31 March 1986. (Project 764795 - New)

\$5,000.00 - Lawrence Livermore Laboratory, Livermore, CA, Ultrasonic Methods to Evaluate Surface Roughness, Department of Welding Engineering (L. Adler), 1 May 1985 through 30 September 1985. (Project 764397 - Continuation)

\$3,000.00 - National Kidney Foundation of Central Ohio, Inc., Columbus, OH, The Role of Osmoprotectants on Growth of Bacteria and Activity of Antimicrobial Agents in Urine, Department of Medicine (C. M. Kunin), 1 July 1985 through 30 June 1986. (Project 764745 - New)

\$3,000.00 - State of Washington, Division of Special Services and Professional Programs, Olympia, WA, National Corrections Education Consortium, The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1984 through 30 September 1985. (Project 764553 - Continuation)

\$2,000.00 - St. Louis Community College, St. Louis, MO, National Postsecondary Alliance, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1985 through 30 June 1986. (Project 764743 - Continuation)

\$1,497.00 - Muskingum Area Joint Vocational School, Zanesville, OH, Evaluating the Respiratory Therapy Program at Muskingum Area Joint Vocational School, The National Center for Research in Vocational Education (R. E. Taylor), 15 May 1985 through 15 July 1985. (Project 764733 - New)

\$870.00 - Fort Worth Independent School District, Fort Worth, TX, Technical Assistance for Fort Worth Independent School District, The National Center for Research in Vocational Education (R. E. Taylor), 1 April 1985 through 30 June 1985. (Project 768054 - New)

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$750.00 - American Chemical Society, Washington, DC, Calcium and Cardiovascular Disease, Department of Physiological Chemistry (J. D. Johnson) and College of Medicine - Administration (C. L. Yash), 17 June 1985 through 23 August 1985. (Project 764805 - New)

TOTAL - OTHER NON-FEDERAL AWARDS \$1,873,221.00

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$348,679.00 - from 47 sponsors for 57 development projects under the direction of eight engineering departments or research areas.

\$4,000.00 - SME, Manufacturing Engineering Education Foundation, Dearborne, MI, "Modular Fixturing for Flexible Manufacturing Systems," Department of Industrial and Systems Engineering, 1 July 1985 through 30 June 1986. (529678)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 352,679.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

Joseph J. Horst Bio-Medical Engineering Fund

The Joseph J. Horst Bio-Medical Engineering Fund was established September 6, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the estate of Joseph J. Horst, Ph.D., Education '52.

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

The annual income shall be used for purposes of experimentation and research designed to measure and enhance instrumentation and for procedures directed toward the study of the cause(s) of arterio sclerosis essentially and taking

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Joseph J. Horst Bio-Medical Engineering Fund (contd)

into account particularly (1) heredity factors, (2) neurological factors, (3) early diagnosis and (4) prevention and treatment. In the event a cure or effective treatment for arterio sclerosis is developed, the income shall be used for the development of a cure and treatment of arthritis. If this objective is accomplished, the income shall be used for such medical research as designated by the Director of the Bio-Medical Engineering Center and approved by the Dean of the College of Engineering.

Should the need for this fund cease to exist or so diminish as to provide unused income or should the Bio-Medical Engineering Center cease to exist, then the income may be used for any purposes whatsoever as determined by the Board of Trustees, with preference being given to medical research purposes as approved by the Dean of the College of Medicine.

Library Endowment Fund

The Library Endowment Fund was established September 6, 1985, by the Board of Trustees of The Ohio State University with initial funds from the defunct Library Publications Committee.

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

The annual income is to be used for the benefit of the University Libraries as determined by the Director of the University Libraries. Unused income will annually revert to the principal balance of the fund.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the administrative official of the University who is then responsible for the University Libraries.

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Frank H. Haskett Memorial Scholarship Fund

The Frank H. Haskett Memorial Scholarship Fund was established September 6, 1985, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Maude M. Haskett in memory of her beloved husband.

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

The annual income shall be used to provide scholarship assistance to students who enroll or are enrolled at The Ohio State University. Selection of the award recipients shall be made by the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees with preference being given to recommendations from the appropriate administrative official of the University then responsible for student financial aid.

The George W. and William S. Lobach Memorial
Scholarship for Veterinary Medicine

The George W. and William S. Lobach Memorial Scholarship for Veterinary Medicine was established September 6, 1985, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mrs. Edith V. Lobach, Easton, Pennsylvania, in memory of her husband, George W. Lobach, D.V.M. '18, and her late son, William S. Lobach, D.V.M.

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

The annual income shall be used to provide scholarship funds to students in the College of Veterinary Medicine. Preference will be given to those students who wish to pursue a large animal practice. Selection of the award recipients shall be made by the University Committee on Student Financial Aid and approved by the Dean of the College of Veterinary Medicine.

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

**The George W. and William S. Lobach Memorial
Scholarship for Veterinary Medicine (contd)**

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University then responsible for veterinary medicine education.

The Harold and Francis Umbaugh Scholarship Fund

The Harold and Francis Umbaugh Scholarship Fund was established September 6, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Jerry D. Lee, B.S.Bus.Adm. '58, and Marjorie Umbaugh Lee, B.S.Phys.Ther. '59, in honor of Mrs. Lee's parents.

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

The annual income is to be used to provide scholarship support for one or more qualified student graduates of Marion Harding High School at Marion, Ohio, enrolling or enrolled at The Ohio State University in Marion, Ohio, or Columbus, Ohio. The selection of the recipient(s) will be made by a committee consisting of Marjorie Umbaugh Lee, Diane Umbaugh Hitt and the principal of Marion Harding High School and approved by the University Committee on Student Financial Aids. The successor of the above committee will be The Ohio State University Committee on Student Financial Aids.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the appropriate administrative individual or committee of the University then responsible for scholarship assistance.

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Lou Levengood Memorial Scholarship Fund
in Veterinary Medicine

The Lou Levengood Memorial Scholarship Fund in Veterinary Medicine was established September 6, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends and family who shared in Lou Levengood's love and devotion to Golden Retrievers.

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

The annual income shall be used to provide scholarship funds for students in the College of Veterinary Medicine. The recipients must be residents of Ohio and demonstrate financial need. Preference will be given to first-year students and those with 4-H involvement. Selection of the award recipients shall be made by the University Committee on Student Financial Aid and approved by the Dean of the College of Veterinary Medicine.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees with preference being given to recommendations from the appropriate administrative official of the University then responsible for veterinary medicine education.

The Dr. Charles D. Diesem Veterinary
Anatomy Library Fund

The Dr. Charles D. Diesem Veterinary Anatomy Library Fund was established September 6, 1985, by the Board of Trustees of The Ohio State University with an initial gift to The Ohio State University Development Fund from Dr. Hermann Meyer, Professor of Anatomy, College of Veterinary Medicine, and additional gifts from relatives, friends and colleagues honoring Dr. Charles D. Diesem (Ph.D., Veterinary Anatomy '56), Professor of Anatomy, College of Veterinary Medicine, upon his retirement.

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

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Dr. Charles D. Diesem Veterinary
Anatomy Library Fund (contd)

The annual income shall be used for the purpose of purchasing books for The Ohio State University College of Veterinary Medicine Anatomy Library.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees.

Classics Research and Reference Materials
Endowment Fund

The Classics Research and Reference Materials Endowment Fund was established September 6, 1985, by the Board of Trustees of The Ohio State University with a gift to the Office of University Development from Paul E. Watkins, B.S.Pharm. '58, of Columbus, Ohio.

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

The annual income shall be used to fund the purchase of classics research and reference materials in the Department of Classics to benefit graduate students, undergraduate majors and departmental faculty at the discretion of the department chairperson.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees with preference being given to recommendations meeting the educational goals of the College of Humanities.

The Mary Fox Scholarship Fund
in Veterinary Medicine

The Mary Fox Scholarship Fund in Veterinary Medicine was established September 6, 1985, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mrs. Mary M. Fox, Goshen, Ohio.

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Mary Fox Scholarship Fund
in Veterinary Medicine (contd)

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

The annual income shall be used to provide scholarship funds to upper-class students in the College of Veterinary Medicine in their junior and senior years. Selection of the award recipients shall be made by the University Committee on Student Financial Aid and approved by the Dean of the College of Veterinary Medicine.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University then responsible for veterinary medicine education.

Tien-Yi Li Prize Fund

The Tien-Yi Li Prize Fund was established September 6, 1985, by the Board of Trustees of The Ohio State University with a gift to the Office of University Development from Julia L. Li of Columbus, Ohio, in honor of Tien-Yi Li, Professor Emeritus in the Departments of East Asian Languages and Literatures and History.

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

The annual income shall be awarded to an outstanding graduate student in Chinese humanities at The Ohio State University. Selection of the prize recipient shall be made by a committee of faculty from the Departments of East Asian Languages and Literatures and History which will be appointed by the Chairperson of the Department of East Asian Languages and Literatures.

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Tien-Yi Li Prize Fund (contd)

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees with preference being given to recommendations meeting the educational goals of the College of Humanities.

Ralph and Estelle Wenrick Scholarship Fund

The Ralph and Estelle Wenrick Scholarship Fund was established September 6, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Marilyn P. Wenrick, B.S.Bus.Adm. '56, in memory of her parents, Ralph and Estelle Wenrick.

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

The annual income shall be used for scholarship awards to students attending The Ohio State University who have demonstrated (1) financial need, or (2) high degree of academic potential, or (3) scholastic ability, with priority of said three criteria to be in order as numerically indicated, who graduated from Tecumseh High School located in Clark County, Ohio. Selection of the award recipients shall be made by the University Committee on Student Financial Aid in consultation with the donor. Should the income from this fund not be awarded in any given year, then the income is to be added to the fund's principal.

Should Tecumseh High School cease to exist, then the award recipients shall be selected from students who have graduated from high school and who are from the same geographical district where students lived and attended Tecumseh High School. If no students apply for scholarship awards from this fund for a period of ten (10) consecutive years, then the income from this fund may be used for purposes consistent with the express wishes of the donor until such time as said students do apply.

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Ralph and Estelle Wenrick Scholarship Fund (contd)

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for student financial aids.

Change in Description of Named Funds

The Kappa Phi Kappa Fund

The Kappa Phi Kappa Fund was established September 11, 1969, by the Board of Trustees of The Ohio State University with a gift to the University through the Development Fund from the Alpha Eta Association. The description was changed September 6, 1985.

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

The annual income shall be used to support projects in furtherance of the purpose of the Association. These projects may include, but are not limited to, undergraduate scholarships, lectures, retreats, workshops, extra-class professional experiences and augmentation of the facilities and service of the University to enhance the undergraduate programs of teacher education.

Recommendations for the expenditure of the annual income are to be made by a committee comprised of three representatives of the University, including the Dean of the College of Education, the University's faculty sponsor of the Alpha Eta Chapter, one other person selected by the Dean and three representatives of the Alpha Eta Association.

Unless the Committee each year otherwise decides and instructs the University, the University shall at the end of each fiscal year of the University transfer to and incorporate into the Fund any excess in the Project Account over and above one times the share for the full fiscal year then ending.

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Description of Named Funds (contd)

The Kappa Phi Kappa Fund (contd)

Should the need for this fund cease to exist or so diminish as to provide unused income, this income may be used for any purpose whatsoever within the guidelines as contained in the May 1969 Agreement between the Alpha Eta Association and the University, and amended June 11, 1985.

The Kathryn T. Schoen Endowment Fund

The Kathryn T. Schoen Endowment Fund was established May 4, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University through The Ohio State University Development Fund from friends and colleagues of Kathryn T. Schoen, Ph.D., Education '65, former Vice President for Educational Services and Acting Dean of the College of Nursing. The description was changed September 6, 1985.

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

Twenty percent (20%) of the annual income shall be added to the fund's principal. The remaining eighty percent (80%) of the annual income shall be used to provide one or more awards in amounts of \$1,000 or more for current women administrators or faculty women considering careers in university administration at The Ohio State University in order to provide leadership opportunities and career enhancement. The award may be used to underwrite research, to fund internships, educational programs, travel or similar experiences which further the recipient's opportunities for professional growth and leadership.

Following consideration of the proposals submitted, the award recipient(s) will be selected by a committee consisting of The Ohio State University Provost, the Vice President for Business and Administration, a ranking woman administrator at The Ohio State University as determined by The Ohio State University Office of the President, and Kathryn T. Schoen or her designee. Responsibility for publicizing and encouraging the submission of proposals by women interested in this award shall be the responsibility of the Office of Academic Affairs.

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Description of Named Funds (contd)

The Kathryn T. Schoen Endowment Fund (contd)

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used in instances where the goals and objectives are in consonance with the described goals of this endowment. Such action is subject to the concurrence of the Office of Academic Affairs following its consultation with Kathryn T. Schoen or her designee(s).

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - July 1985

Federal Research Contracts/Grants

\$3,200,000.00 - Department of Labor, Employment and Training Administration, Washington, DC, National Longitudinal Surveys of Labor Market Experience, Center for Human Resource Research (K. I. Wolpin), 17 June 1985 through 30 September 1987. (Project 764806 - Continuation)

\$2,076,946.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, OSU Comprehensive Cancer Center Support (Core) Grant, Cancer Research Center (D. S. Yohn), 1 July 1985 through 30 June 1986. (Project 763976 - Continuation)

\$1,250,651.00 - Department of Labor, Employment and Training Administration, Washington, DC, National Longitudinal Studies of Labor Force Behavior, Center for Human Resource Research (K. I. Wolpin), 1 July 1985 through 30 September 1986. (Project 760081 - Continuation)

\$603,166.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, MD, Mental Retardation Training, Nisonger Center for Mental Retardation (G. E. Martin), 1 July 1985 through 30 June 1986. (Project 761169 - Continuation)

\$189,756.00 - Department of Education, Office of Higher and Continuing Education, Washington, DC, National Resource Center for Slavic and East European Studies, and National Resource Fellowships, Slavic and East European Languages and Literatures (L. I. Twarog), 15 August 1985 through 14 August 1986. (Project 764859 - Continuation)

\$168,250.00 - Department of Education, Office of Special Education, Washington, DC, Social and Communicative Interactions of Mildly Delayed and Nonhandicapped Preschool Children in Mainstreamed Settings, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 July 1985 through 30 June 1986. (Project 763463 - Continuation)

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$147,323.00 - Department of Education, Office of Higher and Continuing Education, Washington, DC, National Resource Center and Fellowships Program - East Asia, Graduate School Administration (J. B. Gabel), University Center for International Studies (J. S. Adams) and Department of Anthropology (C. M. Chen), 15 August 1985 through 14 August 1986. (Project 764877 - Continuation)

\$145,864.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Corneal Endothelial Pleomorphism from Contact Lenses, College of Optometry (J. P. Schoessler), 1 August 1985 through 31 July 1986. (Project 764852 - New)

\$141,999.00 - Environmental Protection Agency, Chicago, IL, Open Lake Surveillance Monitoring, Center for Lake Erie Area Research (C. E. Herdendorf and D. E. Rathke), 1 May 1985 through 30 June 1986. (Project 764695 - New)

\$135,000.00 - National Science Foundation, Washington, DC, An Analysis of Local Circuits in the Cerebellum, Department of Anatomy (G. A. Bishop and J. S. King), 1 September 1985 through 31 August 1988. (Project 764846 - New)

\$126,347.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Phase I and Clinical Pharmacokinetic Studies of Anticancer Agents, Cancer Research Center and Department of Medicine (M. R. Grever) and Cancer Research Center (L. Malspeis), 1 June 1985 through 30 April 1990. (Project 764860 - New)

\$121,535.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Study of the Pharmacokinetics of Anticancer Drugs, College of Pharmacy (L. Malspeis), 1 May 1985 through 30 April 1986. (Project 764113 - Continuation)

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$119,688.00 - National Science Foundation, Washington, DC, Synthesis and Isomerization Reactions of Novel Alicyclic Molecules, Department of Chemistry (L. A. Paquette), 1 September 1985 through 31 August 1986. (Project 764023 - Continuation)

\$109,000.00 - Department of the Interior, Geological Survey, Reston, VA, FY 1985 Ohio Water Resources Research Institute, Water Resources Center, Department of Civil Engineering and Engineering Experiment Station (R. C. Stiefel), 1 July 1985 through 30 June 1986. (Project 764836 - Continuation)

\$107,972.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Thymidylate Synthetase Gene Structure and Expression, Department of Biochemistry (L. F. Johnson), 1 September 1985 through 31 August 1986. (Project 762903 - Continuation)

\$103,000.00 - National Science Foundation, Washington, DC, Isotopic Variations in Space and Time among Basalts of the Lunar Crater Volcanic Field, NV, Department of Geology and Mineralogy (K. A. Foland), 1 July 1985 through 30 June 1987. (Project 764857 - New)

\$94,492.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, FELV Leukemogenesis and Preneoplastic Lesions, Department of Veterinary Pathobiology (R. G. Olsen), 1 July 1985 through 30 June 1986. (Project 762826 - Continuation)

\$92,022.00 - Department of Education, Office of Special Education, Washington, DC, Training Teachers to Educate Children Transitioning from County Segregated Programs to Public School Programs at the Elementary Level, Department of Human Services Education (T. M. Stephens), 1 July 1985 through 31 May 1986. (Project 764897 - New)

\$90,550.00 - Department of Agriculture, Washington, DC, Improved Methods for Detecting Porcine Rotavirus-Like Virus Infections, Department of Food Animal Health Research Program - OARDC (K. W. Theil and P. D. Moorhead), 1 September 1985 through 31 August 1988. (Project 764901 - New)

September 5 and 6, 1985 meeting. Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$87,000.00 - National Science Foundation, Washington, DC, Low Temperature Electronic Properties of Conducting Solids, Department of Physics (J. C. Garland), 1 July 1985 through 30 June 1986. (Project 762691 - Continuation)

\$85,000.00 - Department of Health and Human Services, Public Health Service, Center for Disease Control, Atlanta, GA, Demonstration Program in the Use of Calcium Fluoride in Fluoridating a Water System, Department of Civil Engineering (A. J. Rubin), 1 September 1985 through 31 August 1986. (Project 764820 - New)

\$82,000.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, DC, Distributed Knowledge Base Systems for Diagnosis and Information Retrieval, Department of Computer and Information Science (B. Chandrasekaran), 30 June 1985 through 29 June 1986. (Project 763180 - Continuation)

\$81,256.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Transfusion Medicine Academic Award, NHLBI, Department of Pathology (M. S. Kennedy), 1 August 1985 through 31 July 1986. (Project 764898 - New)

\$80,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, OH, Engineering Calculations for Communications Satellite Systems Planning, Department of Electrical Engineering, ElectroScience Laboratory (C. A. Levis) and Department of Industrial and Systems Engineering (C. H. Reilly), 16 July 1985 through 12 March 1986. (Project 762552 - Continuation)

\$80,000.00 - National Science Foundation, Washington, DC, Gaseous and Aqueous Corrosion of Ceramics, Department of Ceramic Engineering (D. W. Readey), 1 July 1985 through 30 June 1986. (Project 764282 - Continuation)

\$80,000.00 - National Science Foundation, Washington, DC, Nucleotide Sites of Calmodulin-Dependent Protein Kinase, Department of Chemistry (M. M. King), 1 August 1985 through 31 July 1986. (Project 764892 - New)

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$79,106.00 - National Science Foundation, Washington, DC, Anaerobic Metabolism in Echinochloa Crus-Galli (Barnyard Grass) Seeds, Department of Horticulture (R. A. Kennedy), 17 June 1985 through 30 June 1986. (Project 764790 - New)

\$75,521.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, MD, Professional Nurse Traineeship Program, Department of Life Span Process (M. G. MacVicar), 1 July 1985 through 30 June 1986. (Project 760803 - Continuation)

\$75,202.00 - Environmental Protection Agency, Chicago, IL, Exposure Probabilities for Resuspended and Advected Sediment in the Upper Connecting Channels, Department of Civil Engineering (K. W. Bedford), 1 July 1985 through 30 June 1986. (Project 764858 - New)

\$74,230.00 - Department of Agriculture, Washington, DC, Viral Enteritis of Turkeys and Chickens: The Role of Astro-Like Viruses, Department of Food Animal Health Research Programs - OARDC (Y. M. Saif), 1 September 1985 through 31 August 1987. (Project 764890 - New)

\$74,042.00 - Department of Education, Office of Special Education, Washington, DC, In Support of a Model Graduate Teacher Preparation Program for Preservice Teachers of the Hearing Handicapped Based on Teaching Effectiveness, Department of Human Services Education (P. Connard), 1 July 1985 through 31 May 1986. (Project 764899 - New)

\$74,000.00 - National Science Foundation, Washington, DC, Organizational Development of Bulbospinal Collaterals, Department of Anatomy (G. F. Martin, Jr.), 1 September 1985 through 31 August 1986. (Project 763771 - Continuation)

\$70,915.00 - Department of Agriculture, Washington, DC, Pathogenesis of Coliform Bacteria in the Nonlactating Bovine Mammary Gland, Department of Dairy Science - OARDC (K. L. Smith), 15 July 1985 through 31 July 1987. (Project 764845 - New)

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$65,000.00 - Department of the Army, Army Research Office, Research Triangle Park, NC, The Chemistry of Hexaazatriphenylene Hexanitile, A Polyfunctional Heterocycle with Potential Utility in the Formulation of Thermostable Polymers, Department of Chemistry (A. Czarnik), 1 August 1985 through 31 July 1986. (Project 764885 - New)

\$64,587.00 - National Science Foundation, Washington, DC, Unitary Group Methods for the Electron Correlation Problem, Department of Chemistry (I. Shavitt), 1 August 1985 through 31 July 1986. (Project 763437 - Continuation)

\$62,489.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, NCI Physician-Investigator Development Award Program, Department of Medicine (E. A. Copelan), 1 August 1985 through 31 July 1986. (Project 764303 - Continuation)

\$58,725.00 - Department of Agriculture, Soil Conservation Service, Columbus, OH, The Adoption of Soil Conservation Practices by Ohio Farmers, Department of Agricultural Economics and Rural Sociology - OARDC and Department of Agricultural Economics and Rural Sociology (T. L. Napier and C. S. Thraen), 1 June 1985 through 31 May 1987. (Project 764826 - New)

\$57,583.00 - National Science Foundation, Washington, DC, Rydberg States of Atoms and Molecules, Department of Physics (R. D. Knight), 15 July 1985 through 30 June 1986. (Project 764851 - New)

\$53,853.00 - National Science Foundation, Washington, DC, The Evolution of the Compositae of the Juan Fernandez Islands, Department of Botany (T. F. Stuessy and D. J. Crawford), 1 August 1985 through 31 July 1986. (Project 763738 - Continuation)

\$50,708.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Sertoli Cell-Germ Cell Surface Membrane Interactions, Department of Anatomy (R. M. DePhilip), 1 July 1985 through 30 June 1986. (Project 764825 - New)

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$49,940.00 - United States Information Agency, Washington, DC, Affiliation Program between The Ohio State University and the University of Auckland, Department of Educational Theory and Practice (R. Donmoyer), 1 August 1985 through 31 July 1988. (Project 764900 - New)

\$38,000.00 - Department of Education, Office of Special Education, Washington, DC, Handicapped Personnel Preparation, Preparation of Special Educators, School of Health, Physical Education and Recreation (W. F. Ersing), 1 July 1985 through 31 May 1986. (Project 763768 - Continuation)

\$37,101.00 - National Science Foundation, Washington, DC, Petrogenesis of the Kirkpatrick Basalt Group, North Victoria Land, Institute of Polar Studies and Department of Geology and Mineralogy (G. Faure) and Institute of Polar Studies (D. Elliot), 1 September 1985 through 31 August 1986. (Project 764391 - Continuation)

\$35,000.00 - National Foundation of Arts and Humanities, National Endowment for the Humanities, Washington, DC, Centenary Edition of the Works of Nathaniel Hawthorne, Department of English (T. M. Woodson), 1 July 1985 through 30 June 1986. (Project 764833 - New)

\$31,600.00 - National Science Foundation, Washington, DC, Arithmetics of Low Dimensional Integral Quadratic Forms, Department of Mathematics (J. Hsia), 1 July 1985 through 30 June 1986. (Project 764856 - New)

\$31,200.00 - National Science Foundation, Washington, DC, The Emission Line Regions of Active Galactic Nuclei, Department of Astronomy (G. J. Ferland), 15 June 1985 through 31 May 1986. (Project 764832 - New)

\$25,000.00 - Department of Agriculture, Science and Education, Washington, DC, Recruiting Minority Students into Home Economics, Department of Home Economics Education (S. V. Redick), 6 May 1985 through 31 May 1986. (Project 764822 - New)

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$25,000.00 - Department of Education, Office of Special Education, Washington, DC, Regional Resource Center, Department of Human Services Education (T. M. Stephens), 1 June 1985 through 31 May 1986. (Project 763600 - Continuation)

\$25,000.00 - Department of Energy, Argonne, IL, Electron-Positron Annihilations Using the Present CLEO Detector and Its Replacement, CLEO II, Department of Physics (R. D. Kass), 1 July 1985 through 31 January 1986. (Project 764804 - New)

\$25,000.00 - National Aeronautics and Space Administration, Washington, DC, Cellular Polarity and Interactions in Plant Gravitperception, Department of Botany (F. D. Sack), 15 July 1985 through 30 November 1985. (Project 764883 - New)

\$22,450.00 - Department of Education, Office of Postsecondary Education, Washington, DC, Fellowship in Middle East Studies, Graduate School Administration (J. Gabel), University Center for International Studies (J. Adams) and Department of History (S. Dale), 15 August 1985 through 14 August 1986. (Project 764878 - Continuation)

\$17,189.00 - National Science Foundation, Washington, DC, A Decision-Theoretic Approach to Innovation and Technology Transfer, Department of Economics (M. C. Thursby and R. A. Jensen), 1 July 1985 through 30 June 1986. (Project 764842 - New)

\$15,600.00 - National Science Foundation, Washington, DC, Research in Algebraic Topology, K-Theory and Algebraic Geometry, Department of Mathematics (R. M. Charney), 15 July 1985 through 30 June 1986. (Project 764854 - New)

\$11,557.00 - Department of the Army, Fort Sheridan, IL, Armed Services Vocational Aptitude Battery (ASVAB) Advisory Panel, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1985 through 30 September 1985. (Project 763319 - Continuation)

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$11,300.00 - National Science Foundation, Washington, DC, Some Problems in Algebraic Graph Theory, Department of Mathematics (T. A. Dowling and P. Terwilliger), 1 July 1985 through 30 June 1986. (Project 764855 - New)

\$9,400.00 - National Science Foundation, Washington, DC, Ergodic Theory of Skew Products and Smooth Cocycles, Department of Mathematics (G. Edgar), 1 July 1985 through 30 June 1986. (Project 764182 - Continuation)

\$6,080.00 - Department of the Army, Army Corps of Engineers, Vicksburg, MS, Thermal Stress Analysis of Mass Concrete Structures, Department of Civil Engineering (R. S. Sandhu), 1 June 1985 through 30 September 1985. (Project 764824 - Continuation)

Computer Time - National Science Foundation, Washington, DC, Unitary Group Methods for the Electron Correlation Problem, Department of Chemistry (I. Shavitt), 1 July 1985 through 30 June 1986. (Project 763437 - Continuation)

TOTAL - FEDERAL AWARDS

\$10,951,195.00

State of Ohio Research Contracts/Grants

\$250,204.00 - State of Ohio, Department of Education, Columbus, OH, Ohio Occupational Employment Statistics Projections, Academic Faculty of Management and Human Resources (H. R. Blaine), 1 July 1985 through 30 June 1986. (Project 764831 - Continuation)

\$250,000.00 - State of Ohio, Department of Development, Columbus, OH, Development of Radiolabeled Antibody Combinations and Improved Detection Equipment for Use in Intraoperative Detection of Cancer Sites, Department of Surgery (E. W. Martin, Jr.), 23 July 1985 through 22 July 1987. (Project 764889 - Continuation)

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$75,000.00 - State of Ohio, Department of Education, Columbus, OH, Ohio Education Deans' Task Force, Department of Human Services Education (T. M. Stephens), 1 July 1985 through 30 June 1986. (Project 764848 - Continuation)

\$49,827.00 - State of Ohio, Department of Development, Columbus, OH, Development of Radiolabeled Antibody Combinations and Improved Detection Equipment for Use in Intraoperative Detection of Cancer Sites, Department of Surgery (E. W. Martin, Jr.), 15 January 1985 through 14 July 1985. (Project 764889 - New)

\$40,671.00 - State of Ohio, Department of Health, Columbus, OH, Comprehensive Adult Hemophilia Clinic, Department of Medicine (S. P. Balcerzak), 1 July 1985 through 30 June 1986. (Project 762760 - Continuation)

\$5,450.00 - State of Ohio, Ohio Board of Regents, Columbus, OH, 1985 Ohio Board of Regents Summer Internship, School of Public Administration (R. Backoff and J. F. Orosz), 17 June 1985 through 28 September 1985. (Project 764829 - New)

\$1,928.00 - State of Ohio, Department of Natural Resources, Columbus, OH, Monitoring Marked Populations of Eastern Woodrats and Green Salamanders in Adams County, OH, Lima Campus and Department of Zoology (J. E. Juterbock), 2 May 1985 through 31 May 1986. (Project 764706 - New)

TOTAL - STATE OF OHIO AWARDS \$ 673,080.00

Industrial Research Contracts/Grants

\$90,592.00 - Trinton Biosciences, Inc., Alameda, CA, Double-Blind Phase II Study to Evaluate the Safety and Efficacy of IFN- β ser in Patients with Renal Cell Carcinoma, Department of Medicine (J. J. Rinehart), 10 June 1985 through 31 December 1986. (Project 764884 - New)

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$89,625.00 - Grumman Aerospace Corporation, Bethpage, NY, Operational Analysis of Flexible Assembly Subsystems, Department of Industrial and Systems Engineering (W. E. Wilhelm), 15 December 1984 through 30 January 1986. (Project 764515 - New)

\$84,367.00 - Pioneer Hi-Bred International, Inc., Johnston, IA, High Density Fermentation of Bacteria, Department of Microbiology (W. R. Strohl), 1 May 1985 through 30 April 1986. (Project 764090 - Continuation)

\$53,860.00 - Hoffman-LaRoche, Nutley, NJ, Pharmacokinetics of Midazolam Following Single Oral and Intravenous Doses to Patients with Congestive Heart Failure, Department of Medicine (H. Boudoulas), 1 June 1985 through 31 May 1986. (Project 764827 - New)

\$22,685.00 - Ross Laboratories, Columbus, OH, Comparison of High Carbohydrate and High Fat Diet, School of Health, Physical Education and Recreation (R. Bartels), 1 July 1985 through 31 December 1985. (Project 764896 - New)

\$22,548.00 - Edison Welding Institute, Columbus, OH, Center for Welding Education, Educational Policy and Leadership (J. E. Sage), 1 July 1985 through 30 September 1985. (Project 764812 - Continuation)

\$18,000.00 - Callahan Enterprises, Inc., Westfield, IN, Micropropagation and Cloning of Soybean for Increased Tolerance for Root Rot, Department of Plant Pathology - OARDC (A. F. Schmitthenner), 1 May 1985 through 30 April 1988. (Project 764887 - New)

\$18,000.00 - Rupp Seeds, Inc., Wauseon, OH, Micropropagation and Cloning of Soybean for Increased Tolerance for Root Rot, Department of Plant Pathology - OARDC (A. F. Schmitthenner), 1 May 1985 through 30 April 1988. (Project 764887 - New)

\$18,000.00 - Voris Seeds, Inc., Windfall, IN, Micropropagation and Cloning of Soybean for Increased Tolerance for Root Rot, Department of Plant Pathology - OARDC (A. F. Schmitthenner), 1 May 1985 through 30 April 1988. (Project 764887 - New)

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$11,059.00 - Allergan Pharmaceuticals, Inc., Irvine, CA, A Two-Week Double-Masked Comparison of the Ocular Safety and Efficacy of Cimetidine 0.5% and Pyrillamine HCl 0.1% Given Singly and in Combination in the Treatment of Allergic Noninfectious Conjunctivities, Department of Ophthalmology (M. E. Dangel) and Department of Pharmacology (N. Gerber), 1 July 1985 through 30 June 1986. (Project 764888 - New)

\$10,001.00 - Edison Welding Institute, Columbus, OH, Administration of the Center for Welding Education, Department of Educational Policy and Leadership (J. E. Sage), 1 July 1985 through 30 September 1985. (Project 764853 - Continuation)

\$9,063.00 - HPM Corporation, Mt. Gilead, OH, HPM Training Development, College of Education - Administration (J. J. Buffer), 1 July 1985 through 30 December 1985. (Project 764843 - New)

\$5,336.00 - Edison Welding Institute, Columbus, OH, Proposal for Supervision of an Organizational Needs Analysis of EWI Member Companies, Department of Educational Theory and Practice (J. W. Altschuld), 1 July 1985 through 30 December 1985. (Project 764849 - New)

TOTAL - INDUSTRIAL AWARDS

\$ 453,136.00

Other Non-Federal Research Contracts/Grants

\$273,496.00 - National Training Fund for the Sheet Metal and Air Conditioning Industry, Washington, DC, National Training Fund University Center for the Sheet Metal and Air Conditioning Industry, The National Center for Research in Vocational Education (R. E. Taylor), 1 January 1985 through 31 December 1988. (Project 764881 - Continuation)

\$258,876.00 - National Training Fund for the Sheet Metal and Air Conditioning Industry, Washington, DC, National Training Fund University Center for the Sheet Metal and Air Conditioning Industry, The National Center for Research in Vocational Education (R. E. Taylor), 1 January 1987 through 31 December 1987. (Project 764880 - Continuation)

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$241,300.00 - United Nations, Geneva, Switzerland, Evaluation of Active Immunization with Synthetic Peptides of hCG as a Fertility Control Method, Department of Obstetrics and Gynecology (V. C. Stevens), 1 July 1985 through 30 June 1986. (Project 760113 - Continuation)

\$239,258.00 - National Training Fund for the Sheet Metal and Air Conditioning Industry, Washington, DC, National Training Fund University Center for the Sheet Metal and Air Conditioning Industry, The National Center for Research in Vocational Education (R. E. Taylor), 1 January 1986 through 31 December 1986. (Project 764879 - Continuation)

\$112,947.00 - Healthcare Financial Management Association, Oak Brook, IL, The Development of a Financial Service for the Hospital Industry, College of Medicine - Administration (W. O. Cleverley), 1 July 1985 through 30 June 1986. (Project 761794 - Continuation)

\$73,051.00 - March of Dimes Birth Defects Foundation, White Plains, NY, Multicenter Preterm Birth Prevention Trial, Department of Obstetrics and Gynecology (J. D. Iams), 1 July 1985 through 30 June 1986. (Project 763334 - Continuation)

\$40,000.00 - American Cancer Society, New York, NY, American Cancer Society Institutional Research Grant, Cancer Research Center (D. S. Yohn), 1 July 1985 through 30 June 1986. (Project 764472 - Continuation)

\$32,511.00 - American Cancer Research Fund, Armonk, NY, Stress and Cancer, Department of Psychiatry (J. Kiecolt-Glaser) and Department of Medical Microbiology and Immunology (R. M. Glaser), 1 July 1985 through 30 June 1986. (Project 764840 - New)

\$25,000.00 - American Association of Oral and Maxillofacial Surgeons, Chicago, IL, Production of a Full Thickness Oral Mucosal Equivalent in Vitro Suitable for Grafting Intraorally, College of Dentistry - Oral Surgery (S. E. Feinberg), 1 July 1985 through 30 June 1986. (Project 764862 - New)

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$25,000.00 - The George Gund Foundation, Cleveland, OH, Citizen Groups and Higher Education: A Partnership in Continuing Education, Department of Educational Policy and Leadership (D. L. Boggs), 1 August 1985 through 31 July 1986. (Project 764838 - New)

\$22,865.00 - University of Arkansas, Fayetteville, AR, Consortium for the Development of Professional Materials for Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1985 through 30 June 1986. (Project 764882 - New)

\$22,443.00 - Purdue University, West Lafayette, IN, Improving the Geological Interpretation of Magnetic and Gravity Satellite Anomalies, Department of Geology and Mineralogy (R. R. B. von Frese), 1 April 1985 through 31 March 1986. (Project 764834 - New)

\$21,124.00 - American Academy of Physician Assistants, Arlington, VA, Physician Self-Assessment Program, Department of Educational Theory and Practice (A. D'Costa), 1 July 1985 through 30 June 1986. (Project 764828 - Continuation)

\$16,000.00 - Lighting Research Institute, New York, NY, The Spectral Sensitivity of Normal Observers Compared Using Heterochromatic Flicker Photometry and an Activity Criterion, Department of Biochemistry, Department of Microbiology and Department of Zoology (C. Ingling, Jr.), 1 November 1984 through 31 October 1985. (Project 764839 - New)

\$14,000.00 - Seven Members of the National Postsecondary Alliance, National Postsecondary Alliance, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1985 through 30 June 1986. (Project 764743 - Continuation)

\$13,610.00 - State of Ohio, Department of Education, Columbus, OH, Consortium for the Development of Professional Materials for Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1985 through 30 June 1986. (Project 764821 - Continuation)

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$12,000.00 - Six Members of the National Postsecondary Alliance, National Postsecondary Alliance, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1985 through 30 June 1986. (Project 764743 - Continuation)

\$11,297.00 - Ohio Dominican College, Columbus, OH, Student Personnel in Higher Education, Department of Educational Policy and Leadership (R. F. Rodgers), 15 August 1985 through 14 May 1986. (Project 764893 - Continuation)

\$10,476.00 - Capital University, Columbus, OH, Student Personnel in Higher Education, Department of Educational Policy and Leadership (R. F. Rodgers), 1 August 1985 through 15 May 1986. (Project 764894 - Continuation)

\$8,573.00 - University of Illinois at Chicago, Chicago, IL, Mathematical Assistance for the Univeristy of North Sumatra Development Project, Department of Mathematics (J. E. Schultz), 1 July 1985 through 30 August 1985. (Project 764847 - New)

\$8,140.00 - National Pork Producers Council, Des Moines, IA, Evaluation of Boar Body Composition Using Deuterium Oxide, Department of Animal Science (D. C. Mahan), 1 July 1985 through 30 June 1986. (Project 764835 - New)

\$7,942.00 - American Cancer Society, Ohio Division, Inc., Cleveland, OH, Analysis of Metal Binding to the Catalytic Subunit of Calcineurin, Department of Chemistry (M. M. King), 1 July 1984 through 30 June 1986. (Project 764841 - New)

\$7,753.00 - Health One, Columbus, OH, Design of an Information System on the Study of Rentention Factors among Subscribers at Health One, Hospital and Health Services Administration (S. F. Loebs), 1 July 1985 through 30 September 1985. (Project 764861 - New)

\$5,822.00 - Cancer Therapy and Research Center, San Antonio, TX, Pathology Studies of SWOG Protocols 8244 and 8418, Department of Pathology (J. G. Lucas and S. E. Tuttle), 1 January 1985 through 31 December 1985. (Project 764837 - New)

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$5,306.00 - University of Wisconsin, Madison, WI, Screening Potato Accessions Held by IR-1 for Resistance to Northern Root Knot Nematode, Meloidogyne hapla, Department of Plant Pathology - OARDC and Department of Pathology (R. M. Riedel), 1 January 1985 through 31 December 1985. (Project 764283 - Continuation)

\$5,130.00 - Otterbein College, Westerville, OH, Student Personnel in Higher Education, Department of Educational Policy and Leadership (R. F. Rodgers), 24 August 1985 through 31 May 1986. (Project 764895 - New)

\$5,000.00 - American Association of Blood Banks Foundation, Arlington, VA, Managerial Role Delineation for Blood Bank Specialists, Department of Pathology (M. S. Kennedy), and School of Allied Medical Professions (J. R. Snyder), 1 July 1985 through 30 June 1986. (Project 764830 - New)

\$4,700.00 - City Planning Department, Juneau, AK, Student Summer Internship (A. D. Lynn, Jr.) and School of Public Administration (T. Korosei), 3 June 1985 through 23 August 1985. (Project 764823 - New)

\$1,997.00 - Virginia Community College System, Richmond, VA, Assisting in Instrument Development for the Virginia Community College System, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1985 through 31 July 1985. (Project 764891 - New)

\$1,300.00 - American Congress on Surveying and Mapping, Falls Church, VA, Extended Operation of the National Committee for Digital Cartographic Data Standards: Developing Interim Proposed Standards, Department of Geography (H. Moellering), 1 April 1984 through 31 March 1985. (Project 764261 - Continuation)

TOTAL - OTHER NON-FEDERAL AWARDS

\$ 1,526,917.00

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$165,000.00 - Edison Welding Institute, Columbus, OH, "Sensing of Control Methods for Arc Welding Processes," Department of Welding Engineering, 1 July 1985 through 30 June 1986. (529511)

\$115,625.00 - Edison Welding Institute, Columbus, OH, "Weld Discontinuity Analysis and Materials Characterization," Department of Welding Engineering, 1 July 1985 through 30 June 1986. (529515)

\$95,011.00 - Edison Welding Institute, Columbus, OH, "Resistance Welding," Department of Welding Engineering, 1 July 1985 through 30 June 1986. (529516)

\$80,486.00 - Ohio Department of Transportation, Columbus, OH, for additional support for "Global Positioning Systems Exploitation by ODOT," Department of Geodetic Science, 15 June 1985 through 14 June 1986. (529654)

\$65,114.00 - Edison Welding Institute, Columbus, OH, "Laser Welding and Material Processing," Department of Welding Engineering, 1 July 1985 through 30 June 1986. (529513)

\$60,000.00 - Edison Welding Institute, Columbus, OH, "Fatigue Analysis and Design of Welded Joints," Department of Welding Engineering, 1 July 1985 through 30 June 1986. (529514)

\$45,000.00 - Edison Welding Institute, Columbus, OH, "Integrated Welding Manufacturing," Department of Welding Engineering, 1 July 1985 through 30 June 1986. (529522)

\$29,851.00 - Edison Welding Institute, Columbus, OH, "Weld Process Modeling," Department of Welding Engineering, 1 July 1985 through 30 June 1986. (529520)

\$27,982.00 - from 14 sponsors for 19 development projects under the direction of three engineering departments or research areas.

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION (contd)

Industrial and Other Sponsored Research and Development
(contd)

\$26,462.00 - Edison Welding Institute, Columbus, OH,
"High Energy Arc Welding Processes," Department of
Welding Engineering, 1 July 1985 through 30 June
1986. (529519)

\$24,876.00 - Edison Welding Institute, Columbus, OH,
"Weldability Test Methods," Department of Welding
Engineering, 1 July 1985 through 30 June 1986.
(529521)

\$24,347.00 - Edison Welding Institute, Columbus, OH,
"Microbonding," Department of Welding Engineering, 1
July 1985 through 30 June 1986. (529517)

\$14,270.00 - Edison Welding Institute, Columbus, OH,
"Welding of Thermoplastics," Department of Welding
Engineering, 1 July 1985 through 30 June 1986.
(529523)

\$9,600.00 - IBM Corporation, University Relations,
Armonk, NY, "Proposal Planning Grant," Department of
Metallurgical Engineering, beginning July 1, 1985.
(529679)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 783,624.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

The Chester C. Winter Urology Research Award

The Chester C. Winter Urology Research Award was established September 6, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Dr. Chester C. Winter, Professor, Department of Surgery.

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

The annual income shall be used to provide an award to a current resident of The Ohio State University Urology program and a senior author of a written work based upon

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Chester C. Winter Urology Research Award (contd)

research in the field of Urology for which the author was principal investigator and whose research was recognized nationally by award or honorary recognition from a national association related to the field of Urology.

Selection of the award recipient shall be made by a committee comprised of the Director of the Division of Urology at The Ohio State University, the Chairperson of the Department of Surgery and Dr. Chester C. Winter, or in the event of his death or unavailability, the Chief of Pediatric Urology. An annual award of at least \$5,000 shall be made to the award recipient, provided sufficient earnings are available, and award recipients may be selected more than once by the award committee.

Should no Resident Award be made for five consecutive years beginning in 1986, an award may be given to a Distinguished Urologist chosen by the award committee who will serve in residence for one week in the Division of Urology at The Ohio State University to present papers, demonstrate surgery, conduct conferences and rounds with the Urology residents and students or other events as determined by the Director of Urology.

Should the income accumulate for ten consecutive years without being awarded to a Urology resident or Distinguished Urologist, then \$25,000 from the principal and income of the Chester C. Winter Urology Research Award shall be distributed to the Cary Winter Memorial Library Fund and the remainder used in full to support Urology research at The Ohio State University as deemed appropriate by the Director of the Division of Urology.

Should the need for this fund cease to exist or in the event The Ohio State University Division of Urology is dissolved, then the income is to be used by the Department of Surgery or its equivalent at The Ohio State University to support activities related to Urology.

The attached guidelines are to be followed in administering this endowment and distribution of earnings.

This award is to be given to an Ohio State University Resident in Urology who fulfills the following criteria. It will be presented no more than once a year whether funds are available or not and a person may be selected more than once.

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Chester C. Winter Urology Research Award (contd)

Rules for winning the award are as follows:

- (1) The candidate must write a paper describing his (her) research in the field of Urology (laboratory, clinical or new instrumentation). An essay without personal involvement in the research will not be eligible.
- (2) The candidate must be a bona fide Resident in Urology (first year or more in the Urology Division) in The Ohio State University Urology Program according to the criteria of the American Board of Urology and the American Medical Association Urology Residency Review Committee. The recipient must be the principal investigator and senior author of the research paper.
- (3) The candidate's research must win a prize of national stature (1st, 2nd, 3rd or 1st Honorable Mention) such as given at the Annual Meeting of the American Urological Association or at one of its eight Sections.
- (4) The evidence for winning will be reviewed by a committee of three to determine the legitimacy and merit of the research and the national prize won in order to make the award. This committee will consist of the Director of the Division of Urology at The Ohio State University (Chairperson), the Chairperson of the Department of Surgery at The Ohio State University and Dr. Chester C. Winter. In the event of Dr. Winter's death or unavailability, the third committee member will be the Chief of Pediatric Urology at The Ohio State University.
- (5) The monetary award to the recipient will be at least \$5,000. The money will come from the earnings of the Chester C. Winter Urology Research Award Endowment Fund set up for this purpose at The Ohio State University. If insufficient earnings are available, the money will be paid the recipient when it becomes available at a later date.
- (6) Every effort should be made to have the recipient of the award present his research paper at a meeting of The Ohio State University Medical Society at which time the award will be presented. An appropriate certificate concerning the award suitable for framing will be presented with the monetary award.

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Chester C. Winter Urology Research Award (contd)

- (7) If no award is given during a period of five consecutive years beginning in 1986, the money earned by the Fund may be disbursed as follows:

An award of at least \$5,000 may be given to a Distinguished Urologist (chosen by the award committee) who will spend five days (Monday through Friday) in residence at the Division of Urology of The Ohio State University in order to present papers, demonstrate surgery, conduct conferences and rounds with the Urology residents and students or other events in a schedule prepared by the Director of Urology. He will be presented an appropriate plaque. In addition, his travel, lodging and dining expenses will be paid from the Fund. This Distinguished Urologist Award may be given as often as earned income from the Fund is available under conditions contingent upon a Resident Award not being given.

- (8) If no award is given to a Urology resident or Distinguished Urologist over a period of ten consecutive years, all the money in the Fund may be disbursed as follows:

First, the Cary Winter Memorial Library Fund in the Division of Urology at The Ohio State University will be given \$25,000. Second, the remainder of the Fund will be used to support research in the Division of Urology at The Ohio State University at the discretion of its Director.

- (9) In the event the Division (or Department) of Urology is dissolved, then the Fund should be administered by the Surgery Department and the money used to support appropriate urologic endeavors.

- (10) The award committee must notify the Urology Residents annually in July of the availability and rules for winning the award.

The Distinguished Teaching Award Endowment Fund

The Distinguished Teaching Award Endowment Fund was established September 6, 1985, by the Board of Trustees of The Ohio State University with an initial gift to The Ohio State University Development Fund from Thelma Paquette Price, B.A., French '21, of Woodville, Ohio.

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Distinguished Teaching Award Endowment Fund (contd)

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

The annual income is to be used to support the Alumni Award for Distinguished Teaching, which recognizes and gives evidence of the importance placed on teaching in the University and provides encouragement and incentive for teaching achievement. The Provost will have sole authority to authorize expenditures from the fund.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the Provost.

The Chester C. Winter Urology Library Endowment

The Chester C. Winter Urology Library Endowment was established September 6, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Dr. Chester C. Winter, Professor, Department of Surgery.

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

The annual income shall be used to support the Department of Urology Library at The Ohio State University.

Should the need for this fund cease to exist, the income and principal is to be used by the Department of Urology or its equivalent to support activities related to Urology.

Alumni Scholarship Fund
The College of Social Work

The Alumni Scholarship Fund - The College of Social Work was established September 6, 1985, by the Board of Trustees of The Ohio State University with donations to The Ohio State University Development Fund from The Ohio State University College of Social Work Alumni Association.

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Alumni Scholarship Fund
The College of Social Work (contd)

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

The annual income is to be used to provide one or more scholarships for approved candidates for a Bachelors, Masters or Doctors degree in Social Work. The scholarship award will be based on financial need with consideration of academic ability. The selection of the recipient(s) is to be made upon the recommendation of the University Student Financial Aid Committee in consultation with the Dean of the OSU College of Social Work and an alumni representative appointed by the OSU College of Social Work Alumni Association Executive Committee.

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

Helen Hooven Santmyer Fund

The Helen Hooven Santmyer Fund was established September 6, 1985, by the Board of Trustees of The Ohio State University with income from the licensing of subsidiary rights to ...And Ladies of the Club and Ohio Town by Helen Hooven Santmyer.

All such current and subsequent income from the books is to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from the Fund is to be used to enhance the publication program of the University Press of The Ohio State University and is not to be used as a substitute for the regular operating costs of the University Press. The uses of the income from the Fund will be determined by the Editorial Board of the University Press upon recommendations from the Director of the Press.

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Helen Hooven Santmyer Fund (contd)

Should the need for this Fund cease to exist, then the income and principal of the Fund may be used for any purpose as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is responsible for Academic Affairs.

Change of Name and Description of Named Fund

John W. and Catherine Thompson Paynter
Scholarship Fund

The John W. and Elizabeth Williams Paynter Scholarship Fund was established March 13, 1969, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from John W. Paynter, B.S.Bus.Adm. '32, Detroit, Michigan. The name was changed to the John W. and Catherine Thompson Paynter Scholarship Fund, September 6, 1985.

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

The annual income is to be used to provide one or more scholarships per year to an outstanding and needy student or students, who are to be selected by the University Committee on Student Financial Aid.

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

Change in Description of Named Funds

The Samuel Freifield Endowed Scholarship
Fund in Law

The Samuel Freifield Endowed Scholarship Fund in Law was established September 4, 1981, by the Board of Trustees of The Ohio State University with gifts to The Ohio State

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Description of Named Funds (contd)

The Samuel Freifield Endowed Scholarship
Fund in Law (contd)

University Development Fund from friends and family of Mr. Samuel Freifield, J.D. '30, Order of Coif, Steubenville, Ohio. The description was changed September 6, 1985.

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

The annual income is to be awarded to one or more students in the College of Law, with first preference being given to students with demonstrated financial need and who reside in the Steubenville area. Selection of the award recipients will be made by the College of Law Admissions and Financial Aid Committee with appropriate notification being forwarded to the University Committee on Student Financial Aid. In the event there is no qualified student for a specific year, the income may be used for continuing education to support scholarly activities in the College of Law.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University then responsible for the College of Law.

Edward H. French and Thomas E. French Memorial Fund

The Edward H. French and Thomas E. French Memorial Fund was established September 16, 1959, by a gift from Robert Houston French, J.D. '27, Cincinnati, Ohio, in memory of his father, Edward H. French (Captain OSU Football, 1896) and his uncle, Professor Thomas E. French (French Fieldhouse and Daddy of the Stadium). The description was changed September 6, 1985.

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

The annual income is to be used at the discretion of the Dean of the College of Law to provide loans for worthy law students or for such other purposes as the Dean of the College of Law may from time to time deem best.

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Description of Named Funds (contd)

Edward H. French and Thomas E. French Memorial Fund (contd)

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

The Judy Stewart Mesenburg Memorial Scholarship Fund

The Judy Stewart Mesenburg Memorial Scholarship Fund was established July 12, 1985, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from William H., Sr. and Martha M. Monteith in honor and in memory of Judy Stewart Mesenburg, B.A. Journalism '80. The description was changed September 6, 1985.

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

Ninety percent (90%) of the annual income shall be used to award a minimum of one but no more than two scholarships each year to a student or students in the School of Journalism, majoring in Public Relations, who (whom) best exemplify the academic excellence and professional leadership characteristics of Judy Stewart Mesenburg. The minimum scholarship amount will be \$500. When ninety percent (90%) of the annual income exceeds or equals \$1,000, it shall then be used to fund equally two scholarships. The remaining ten percent (10%) of the income earned each year shall be applied to the principal.

Selection of the award recipients will be made by the University Committee on Student Financial Aid upon the recommendation of the School of Journalism's Scholarship Committee and the approval of its Director.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for journalism scholarships.

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Description of Named Funds (contd)

**Dorothy Sumption Wirthwein -
Women's Physical Education Fund**

The Dorothy Sumption Wirthwein - Women's Physical Education Fund was established September 2, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University through The Ohio State University Development Fund from alumnae, students and colleagues in memory of Dorothy Sumption Wirthwein, Columbus, Ohio. The description was changed September 6, 1985.

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

The annual income is to be used to provide an annual graduate fellowship to a woman member of one of the athletic department intercollegiate squads entering Graduate School or one of the professional colleges at The Ohio State University. Preference shall be given to a candidate who has indicated a desire to pursue a career in teaching, coaching or conducting sports programs. Selection is to be made from current squad members or those who have completed their athletic eligibility no more than three years prior to the date of application. It is to be based on clearly demonstrated personal qualities of leadership and of academic potential. Need may be used as a criteria.

This fund is to be administered by the School of Health, Physical Education and Recreation. Selection of the recipient(s) shall be made by a committee composed of one or more women faculty member(s) in the School of Health, Physical Education and Recreation and the person in charge of Intercollegiate Programs for women, in consultation with the University Committee on Student Financial Aid as appropriate.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative officials of the University who are then directly responsible for the teaching, coaching and conducting of sports programs.

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September 5 and 6, 1985 meeting, Board of Trustees

**REQUEST FOR CONSTRUCTION BIDS
VISUAL ARTS CENTER**

Resolution No. 86-25

Synopsis: Authorization to request bids for the first phase of construction of the Visual Arts Center is proposed.

WHEREAS on November 5, 1982, the Board of Trustees authorized a design competition whereby architectural firms were invited to submit competitive designs for the University's Visual Arts Center; and

WHEREAS as a result of this design competition this Board, on July 8, 1983, selected the design submitted by Trott and Bean, Architects and Eisenmann/Robertson, Architects and authorized the hiring of this architectural team to provide complete architectural design services for this project; and

WHEREAS the plans and specifications for this project now have been completed and the University desires to proceed with the first phase of construction, the relocation of the Mershon Auditorium loading dock and related work to ensure continued service to Mershon Auditorium during construction of the Visual Arts Center:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to request construction bids for the first phase of this project in accordance with established University procedures and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts, with all actions to be reported to this Board at the appropriate time.

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

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**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 86-26

Synopsis: Contracts have been awarded for the project listed below to the lowest and best bidders in accordance with University procedures.

September 5 and 6, 1985 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Finance to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following project:

**ENERGY CONSERVATION MODIFICATIONS
LARKINS HALL AND SCOTT HALL (ECM 10 AND 12)**

Description: This energy conservation project provides for system modification to air supply and return systems, piping modifications and temperature and humidity control systems at Larkins Hall and will provide for replacement of a gas fired absorption chiller with a high efficiency electric drive chiller for Scott Hall. It is estimated that the payback will be in approximately 17 months. Work is scheduled to begin October 1985 and be completed October 1986.

General Contract

Date Received:	July 23, 1985
No. of Bids:	1
Low Bid:	\$121,777.00
High Bid:	\$121,777.00
Estimate of Cost:	\$128,740.00
Awarded to:	Righter Co., Columbus, OH

HVAC Contract

Date Received:	July 23, 1985
No. of Bids:	5
Low Bid:	\$135,000.00*
High Bid:	\$163,000.00*
Estimate of Cost:	\$169,000.00*
Awarded to:	J. A. Guy Inc., Dublin, OH

*Recommended alternates reflected in these figures.

September 5 and 6, 1985 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

ENERGY CONSERVATION MODIFICATIONS
LARKINS HALL AND SCOTT HALL (ECM 10 and 12) (contd)

Electric Contract

Date Received:	July 23, 1985
No. of Bids:	4
Low Bid:	\$ 39,400.00*
High Bid	\$ 49,000.00*
Estimate of Cost	\$ 48,660.00*
Awarded to:	Frush & Homan, Columbus, OH
Total All Contracts:	\$296,177.00*
Total Contingency Allowance:	\$ 23,802.95 (which is 8% of construction costs)
Total Project Cost:	\$365,000.00*
Funding:	Federal Grant and University Funds

*Recommended alternates reflected in these figures.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the project listed above are hereby approved.

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

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PREFERRED PROVIDER ORGANIZATION

Resolution No. 86-27

Synopsis: Approval for a Preferred Provider Organization utilizing University Hospitals, Children's Hospital and University Physicians as exclusive providers is proposed.

September 5 and 6, 1985 meeting, Board of Trustees

PREFERRED PROVIDER ORGANIZATION (contd)

WHEREAS in May 1983 a Feasibility Study Committee for a Faculty and Staff Health Care Program recommended that the University establish some form of an alternate health benefit program which might include a University Preferred Provider Organization (PPO) or Health Maintenance Organization (HMO); and

WHEREAS in July 1984 the University contracted with Towers, Perrin, Forster & Crosby (TPF&C) to undertake an in-depth study of HMO's and other Alternate Delivery Systems which would meet the following objectives:

1. improve the attractiveness of the health benefits to faculty and staff,
2. increase faculty and staff usage of University medical facilities,
3. help control the growth of medical benefit costs,
4. begin working toward a delivery system which could possibly be marketed to groups outside the University; and

WHEREAS in January 1985 TPF&C submitted its report to the University recommending that the University establish a Preferred Provider option for its faculty and staff utilizing University Hospitals, Children's Hospital, and University Physicians as exclusive providers of services; and

WHEREAS in May 1985 the University established specifications for a preferred provider organization and requested proposals from 21 interested parties/insurance companies to act as a third party administrator for that program; five of whom responded; and

WHEREAS the appropriate University offices together with an independent outside consultant have reviewed and evaluated the proposals and recommended that the University select the John Hancock Mutual Life Insurance Company as the third party administrator for its PPO:

NOW THEREFORE

BE IT RESOLVED, That the University establish an alternate health care delivery program in the form of a Preferred Provider Organization utilizing University Hospitals, Children's Hospital and University Physicians as exclusive providers; and

PREFERRED PROVIDER ORGANIZATION (contd)

BE IT FURTHER RESOLVED, That the John Hancock Mutual Life Insurance Company be selected as the third party administrator, and that funding for this program will come from existing budgets for faculty and staff benefits programs with no additional funding necessary.

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

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AUTHORIZATION TO ACCEPT GIFTS

Resolution No. 86-28

Synopsis: Authorization to accept gifts to the University on behalf of the Board of Trustees is proposed.

WHEREAS from time to time potential donors desire to make gifts to The Ohio State University, which gifts, for a variety of reasons, need to be accepted before the next meeting of the Board of Trustees; and

WHEREAS from time to time, gifts, bequests and devises are made to the University which, in order to meet the conditions specified in the gift, bequest or devise, make it impractical for the Board to accept the gift, bequest or devise before the next meeting of the Board; and

WHEREAS the Board of Trustees desires to facilitate the acceptance of such gifts, bequests, and devises at those times when it is impossible or impractical to postpone consideration of acceptance to the next meeting of this Board:

NOW THEREFORE

BE IT RESOLVED, That in the event the Board of Trustees is required to take action to accept a gift, bequest, or devise to The Ohio State University by a certain date which makes it impractical for the Board to accept the gift, bequest, or devise before the next meeting of this Board, the President and/or Vice President for Business and Finance, in consultation with the Chairman of the Board of Trustees or the Chairman of the Fiscal Affairs Committee of this Board, be authorized to act on behalf of and in the name of this Board to accept and acquire title to such gifts, bequests, and devises that they determine, after appropriate review and evaluation, are in the best interests of the University and that such gifts, bequests, and devises be accepted as gifts to the University through The Ohio State University Development Fund; and

September 5 and 6, 1985 meeting, Board of Trustees

AUTHORIZATION TO ACCEPT GIFTS (contd)

BE IT FURTHER RESOLVED, That these gifts, bequests, and devises be reported to the Board of Trustees at its next meeting.

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

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**SUPPORT LEVEL FOR ENDOWED CHAIRS
AND PROFESSORSHIPS**

Resolution No. 86-29

Synopsis: Minimum support level for "Endowed Chairs" raised from \$750,000 to \$1,250,000; for "Endowed Professorships" from \$250,000 to \$500,000 is proposed.

WHEREAS the Board of Trustees on January 14, 1965, approved a set of guidelines for the establishment of "Named Chairs" and "Named Professorships," which were subsequently modified March 3, 1972, and renamed "Endowed Chairs" and "Endowed Professorships"; and

WHEREAS the guidelines were revised on May 5, 1978, to require minimum support levels of \$750,000 to establish an "Endowed Chair" and \$250,000 to establish an "Endowed Professorship"; and

WHEREAS these levels of support are no longer adequate to generate the resources needed to attract and/or retain the distinguished faculty leadership that is so vital to the University:

NOW THEREFORE

BE IT RESOLVED, That support in the amount of \$1,250,000 or more will be recognized by the establishment of a permanent "Chair" which will provide an enduring memorial to the donor and bear the donor's name or an appropriate name of the donor's designation. The fund will be invested in the University's endowment, and the income will be used to provide salary or program support for truly distinguished scholars in the academic field of the donor's interest; and

BE IT FURTHER RESOLVED, That support in the amount of \$500,000 or more will be recognized by the establishment of a permanent "Professorship" which will provide an enduring memorial to the donor. The fund will be invested in the University's endowment and the income will be used to

September 5 and 6, 1985 meeting, Board of Trustees

**SUPPORT LEVEL FOR ENDOWED CHAIRS
AND PROFESSORSHIPS (contd)**

supplement the salary or provide program support for an outstanding member of the faculty in an academic discipline designated by the donor; and

BE IT FURTHER RESOLVED, That this increase in support level for "Endowed Chairs" and "Endowed Professorships" shall not affect present "Endowed Chairs" and "Endowed Professorships" or "Chairs" or "Professorships" currently in the process of being developed.

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

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REPORT - EXPENSES FOR DESIGNATED ADMINISTRATIVE OFFICIALS
Resolution No. 86-30

Synopsis: Approval for reimbursement of expenses for designated administrative officials is requested.

WHEREAS the Fiscal Affairs Committee has authorized the payment of expenses for designated administrative officials; and

WHEREAS it is deemed in the best interest of the University for the Fiscal Affairs Committee to provide from the unrestricted gifts to the University Endowment Fund on an appropriate basis, to the President and designated University officials, reimbursement for expenditures which are directly and necessarily related to the performance of their assigned responsibilities and in the best interest of the University:

NOW THEREFORE

BE IT RESOLVED, That the Fiscal Affairs Committee be authorized to provide reimbursement to designated University officials from unrestricted gifts to the University Endowment Fund.

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

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September 5 and 6, 1985 meeting, Board of Trustees

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 86-31

RESOLVED, That the report on the University's Investment Portfolio, dated August 16, 1985, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Thursday, October 3, 1985, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 6:30 p.m.

Attest:

Madison H. Scott
Secretary

John F. Havens
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND TWO HUNDRED AND FOURTEENTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, October 3 and 4, 1985

The Board of Trustees met at its regular monthly meeting on Thursday, October 3, and Friday, October 4, 1985, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

* * *

Minutes of the last meeting were approved.

* * *

October 3 and 4, 1985 meeting, Board of Trustees

The Chairman, Mr. Havens, called the meeting of the Board of Trustees to order on October 3, 1985, at 5:00 p.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: John F. Havens, Chairman, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, Hamilton J. Teaford, John J. Barone, and Deborah E. Casto.

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Mr. Havens reconvened the meeting on October 4, 1985, at 10:05 a.m.

Present: John F. Havens, Chairman, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, Hamilton J. Teaford, John J. Barone, and Deborah E. Casto.

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REVISIONS IN OFFICE DESIGNATIONS

Resolution No. 86-32

Synopsis: Amendments to the Bylaws of the Board of Trustees and the Rules of the University Faculty to reflect the realignment of functions, office designations, and title changes of administrative officials is proposed.

WHEREAS at its September 1985 meeting, the Board approved actions relative to the change in functions, reporting relationships and office designations involving the Office of Business and Finance and the Office of Fiscal Affairs; and

WHEREAS it has been determined and recommended by the President that the Office of Business and Finance be changed to the Office of Business and Administration; and the Office of Fiscal Affairs be changed to the Office of Finance:

NOW THEREFORE

BE IT RESOLVED, That the Secretary of the Board of Trustees be authorized and instructed to effect the reference changes and other appropriate language revisions throughout the Bylaws of the Board of Trustees and the Rules of the University Faculty as well as any other official University publications and documents in which such change(s) would be appropriate.

October 3 and 4, 1985 meeting, Board of Trustees

REVISIONS IN OFFICE DESIGNATIONS (contd)

Upon motion of Mr. Galbreath, seconded by Mr. Teafor, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REVISION OF TITLE DESIGNATION FOR
REGIONAL CAMPUSES ADMINISTRATION

Resolution No. 86-33

Synopsis: Amendment of the Bylaws of the Board of Trustees and Rules of the University Faculty to reflect the title change of the administrative head of the Regional Campuses.

WHEREAS there is an administrative area within the Office of Academic Affairs and Provost which is responsible for the instructional activities and facilities of the students of the regional campuses; and

WHEREAS the duties and responsibilities of the administrative head of that area generally shall be the administration of the regional campuses of the University; and

WHEREAS it has been determined and recommended by the Acting Vice President for Academic Affairs and Provost that the title of Associate Vice President for Academic Affairs (Regional Campuses) be eliminated, and the title Associate Provost for Regional Campuses be established:

NOW THEREFORE

BE IT RESOLVED, That the Secretary of the Board of Trustees be authorized and instructed to effect this title change and other appropriate language revisions throughout the Bylaws of the Board of Trustees and the Rules of the University Faculty as well as any other official University publications and documents in which such change(s) would be appropriate.

Upon motion of Mr. Immke, seconded by Mr. Teafor, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 86-34

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the September 6, 1985 meeting of the Board, including the following Leave of Absence Without Salary, and Emeritus Title as detailed in the University Budget be approved, and the Medical Staff Appointments/Reappointments approved September 26, 1985, by the Hospitals Board be ratified.

Leave of Absence Without Salary

DOLORES M. O'HIGGINS, Assistant Professor, Department of Classics, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986, to accept a Mellon Fellowship at Case Western Reserve.

Emeritus Title

TRENT W. SMITH, Department of Otolaryngology, with the title Clinical Professor Emeritus, effective July 1, 1985.

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

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RESOLUTIONS IN MEMORIAM

Resolution No. 86-35

Synopsis: Resolutions honoring the service of four of the University's faculty members who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

James C. Good

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 2, 1985, of James C. Good, M.D., Clinical Professor in the College of Medicine, Department of Family Medicine.

RESOLUTIONS IN MEMORIAM (contd)

James C. Good (contd)

Dr. Good was born February 23, 1926, in Dayton, Ohio. He received his A.B. degree in bacteriology from The Ohio State University in 1949, his M.D. degree from The Ohio State University in 1953, and served a rotating internship in 1953-54 at Grant Hospital in Columbus. He was fond of his practice in family medicine and was one of a vanguard of physicians to be involved in nourishing the field to specialty status in 1969. To prove his commitment he qualified himself, by examination, as a charter diplomate of the American Board of Family Practice in 1970, and was recertified in 1976 and 1982.

Dr. Good became a Clinical Instructor in Preventive Medicine in 1969 and was one of the original instructors in the first family medicine clinic established that year. When the Department of Family Medicine was organized in 1974, he became one of the first faculty members of this fledgling department and was promoted to Clinical Assistant Professor in September 1975. He gave unstintingly of his time in teaching medical students behavioral science, interviewing skills, physical examination skills, and family medicine.

Dr. Good was a pioneer in other medical pursuits as well. When promoting breast feeding was thought to lead to anemia, he documented the contrary and published the supporting data from his own practice in 1976. He fought to admit fathers to labor and delivery rooms, to make parenting a family affair, and talked his mothers through labor before the Lamaze method was invented.

Dr. Good was active in the Medical Corps of the National Guard and rose to the rank of Brigadier General, Commander, 112th Medical Brigade; and Chief Surgeon, Ohio Army National Guard. He was the highest ranking officer of the Ohio National Guard. He was also a member of the Army Surgeon General's Reserve Affairs Council.

Dr. Good left a loving family of eight children and eleven grandchildren who are all fine examples of his devotion to and love of family.

His former partner said it best when he said, "because he was here, there were lots of changes made."

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be

RESOLUTIONS IN MEMORIAM (contd)

James C. Good (contd)

inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Guy W. Miller

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 18, 1985, of Guy W. Miller, Professor Emeritus in the Cooperative Extension Service.

Professor Miller was born September 14, 1892, and reared on a farm near Pataskala in Licking County, Ohio. He graduated from Reynoldsburg High School and in 1919 received a Bachelor of Science degree from the College of Agriculture at The Ohio State University. He earned his Master of Science degree from Cornell University in 1925. During World War I he served as a 1st Lieutenant in the U.S. Army.

In 1919 he began his professional career when he was appointed County Agricultural Extension Agent in Trumbull County, Ohio. He served in this position for seven years, during which time he acquired a significant interest and expertise in the economics of dairy farming. In 1926 he became an Extension Economist with the Agricultural Extension Service for The Ohio State University. He became an Associate Professor in 1934 and a Professor in 1945. He was soon recognized by his peers as well as agricultural leaders throughout Ohio as an authority on the economics of farming, especially dairy farming. His counsel and advice was sought by many and his speaking schedule was always full. He was a firm believer in the importance of farm records in helping farmers make profitable management decisions. He was responsible for starting the farm record keeping program in the mid-20's, which culminated in the farm business analysis program being carried on in the 1980's in the Department of Agricultural Economics and Rural Sociology at The Ohio State University.

Professor Miller was also a pioneer in the field of international agriculture. In 1952 he was granted a two-year leave of absence from The Ohio State University to serve as an agricultural economic advisor to the Government of Pakistan under the Technical Cooperation Administration, then called the Point IV Program of the U.S. Government. From 1955 to 1957 he returned to Pakistan in a similar

October 3 and 4, 1985 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Guy W. Miller (contd)

capacity. He retired from The Ohio State University in 1958, and from 1959 to 1960 served as an agricultural advisor to the Food and Agriculture Commission of Pakistan as a representative of the World Bank. Among his many significant accomplishments in Pakistan, noteworthy is the fact that he was mainly responsible for the creation of three departments of agricultural economics in that country.

Guy Miller was respected by all who knew him throughout his life. He had maintained interest in and supported agricultural economics programs at Ohio State during his retirement. He was also an avid "Buckeye" sports fan his entire life.

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

Claude S. Perry

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 13, 1985, of Dr. Claude S. Perry, Professor Emeritus in the Department of Ophthalmology, College of Medicine.

Dr. Perry was born June 3, 1899, in Warren, Ohio. He graduated from Ohio Wesleyan University in 1922 and received his Medical Degree from Western Reserve University in 1926. He completed his residency in Ophthalmology at Henry Ford Hospital in Detroit, and did post-graduate work in Ophthalmology at the University of Vienna, Austria.

Dr. Perry was appointed to the College of Medicine, Department of Ophthalmology, as an Instructor in 1933. He retired at the rank of Professor Emeritus July 1, 1969.

Dr. Perry was the leading ophthalmologist in Ohio for many decades, enjoying the trust of his patients and the respect of his colleagues. He was a member of the Ohio Commission for the Blind; Consulting Ophthalmologist to the State Division of Social Administration; and Chief Ophthalmologist for the Ohio State School for the Blind. Through these appointments he contributed greatly to the medical care and rehabilitation of thousands of blind Ohioians.

October 3 and 4, 1985 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Claude S. Perry (contd)

He was awarded an Honorary Degree of Doctor of Science by Ohio Wesleyan in 1958, and served as Staff Ophthalmologist at the Ohio State Welfare Department and the Ohio State School for the Blind. He was Medical Advisor for the Board for Crippled Children, a Fellow of the American College of Surgeons, and a member of the American Association of Physicians and Surgeons. Dr. Perry was also a member of the American Medical Society, National and State Society for the Prevention of Blindness, and National Medical Foundation for Eye Care. Dr. Perry was a member of Sigma Xi, Phi Zeta, Alpha Sigma Phi, Alpha Kappa Kappa, Torch Club, Faculty Club, and a Charter Member of the Medical Forum. As a Veteran of the World War II Medical Corps, he served as Colonel and received the Army Commendation Medal, Bronze Star and Purple Heart.

In the field of legislation, Dr. Perry was responsible for the Ohio law providing immediate emergency hospital care for those having Gonorrheal Ophthalmia, regardless of their ability to pay. In 1941 he initiated legislation to prohibit the sale or possession of fireworks by the general public.

Among Dr. Perry's outstanding accomplishments in the field of research was the development of a technique and the actual performance of operations for intra-capsular cataract extractions in small animals. This work was done in cooperation with The Ohio State University College of Veterinary Medicine.

On behalf of the University community and the Department of Ophthalmology, the Board of Trustees expresses to the family of Dr. Perry its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

James C. Yocum

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 6, 1985, of James C. Yocum, Professor Emeritus in the College of Administrative Science - Support Services.

Professor Yocum was born on May 18, 1906, in Massillon, Ohio. He received the Bachelor of Science in Business Administration degree in 1930 and the Master of Arts degree

RESOLUTIONS IN MEMORIAM (contd)

James C. Yocum (contd)

in 1932, both from The Ohio State University. He became a graduate assistant at Ohio State in 1931 and in 1932 was a research assistant in the Bureau of Business Research. In 1934 he was appointed Assistant Professor of Business Research. He advanced to Professor in 1951 and became Associate Director of the Bureau in 1959. Professor Yocum retired June 30, 1976.

Professor Yocum served as Assistant Deputy Administrator of the National Recovery Administration in 1933-34. He became a special agent for the United States Department of Commerce in 1936. He was Director of Research for the Committee on Consumer Relations, Inc., New York, in 1940-41, and in 1945-46 served as a consultant to the Ohio Small Business Commission. He also served as Chairman of the Ohio Metropolitan Census Tract Committee of the American Statistical Association.

Professor Yocum was the author of a significant series of articles in the Bureau of Business Research publication, "Bulletin of Business Research," and in other professional journals.

Professor Yocum received the American Marketing Association's National Award for Significant Contribution to the Advancement of Science in Marketing in 1950. In 1951 he was the recipient of the Award for Outstanding Service to Ohio Advertising presented by the Ohio State Chapter of Alpha Delta Sigma, a professional advertising fraternity.

Professor Yocum was elected an honorary life member of the Ohio Trade Association Executives in 1957 and was a life member of Alpha Delta Sigma and Beta Gamma Sigma.

On behalf of the University community, the Board of Trustees expresses to the family of Professor Yocum its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Upon motion of Mr. Galbreath, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolutions by unanimous voice vote.

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October 3 and 4, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 86-36

Synopsis: The reports on contracts, grants, and gifts and the summary for August 1985 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station and The Ohio State University Development Fund during the month of August 1985 be approved.

Upon motion of Mr. Galbreath, seconded by Mr. Teafor, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

SUMMARY FOR AUGUST 1985

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	93	\$5,938,055.00
Engineering Experiment Station	27	\$ 350,165.00
		\$6,288,220.00
The Ohio State University Development Fund		
Establishment of Named Funds		
Norman Cyril Noble Memorial Scholarship Fund (Assists students in the College of Pharmacy)		\$ 20,000.00

October 3 and 4, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR AUGUST 1985 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

The Arthur Shapiro Memorial Fund (Support activities in the College of Law Library)	\$ 5,000.00
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The Law Class of '35 Fund (Support activities in the College of Law Library)	\$ 5,000.00
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Report from Presidents Club

Members to date	5,124
1985-86 members: fiscal year to date	38
New members - August 1985	18

New Presidents Club Members - August 1985

Edward J. Bernert	Harold S. Link
Susan M. Feibel	E. Marlene Mahoney
Ann R. Fox	Helene S. Murfin
Janet K. Johnston	Thelma P. Price
Hall B. Liles, Jr.	W. Richard Stone

American Speedy Printing Centers (Thomas E. Skladany, Jr.)

Architectural Floors and Walls (Carl W. Hally)

Duff Truck Line, Inc. (Donald S. Scranton)

Kimberly Coal Company (Hubert C. Stage)

National Electric Coil Company (Evan Jeney)

Plating Technology, Inc. (Arthur H. Pollack)

WTVN Radio (Dino Dinovitz)

Wilson Floors Company (Charles E. Wilson)

**THE OHIO STATE UNIVERSITY CAMPAIGN
 PROGRESS REPORT
 THROUGH SEPTEMBER 30, 1985**

	*Campaign Expectancies	Prior Campaign Receipts	Current Year Campaign Receipts	Total	Campaign Goal	% Achieved
Alumni	\$50,474,917	\$1,308,238	\$1,517,340	\$53,300,495	\$122,500,000	44
Friends	29,637,705	4,126,814	1,461,599	35,226,118	70,000,000	50
Corporations	1,263,500	1,991,168	2,008,043	5,262,711	122,500,000	4
Foundations	1,074,250	226,363	872,255	2,172,868	35,000,000	6
Total	\$82,450,372	\$7,652,583	\$5,859,237	\$95,962,192	\$350,000,000	27

*Defined as pledges and deferred commitments less payments already received.

October 3 and 4, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - August 1985

Federal Research Contracts/Grants

\$800,949.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Spinal Cord Injury Research Center, Department of Surgery (W. E. Hunt), 1 September 1985 through 31 August 1986. (Project 763358 - Continuation)

\$586,500.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, MD, Ohio Sea Grant/1985-1986, Center for Lake Erie Area Research (J. M. Reutter), 1 September 1985 through 31 August 1986. (Project 764320 - Continuation)

\$420,000.00 - National Science Foundation, Washington, DC, The Ohio State University Materials Research Laboratory, Materials Research Laboratory (J. C. Garland), 1 July 1985 through 30 June 1986. (Project 764920 - Continuation)

\$160,000.00 - National Science Foundation, Washington, DC, Acquisition of a Thermal Ionization Mass Spectrometer, Department of Geology and Mineralogy (K. A. Foland), 15 July 1985 through 30 June 1986. (Project 764919 - New)

\$149,996.00 - Department of Agriculture, Washington, DC, Pathogenesis of Coronavirus Infections and Passive Immunity in Calves, Food Animal Health Research Program - OARDC (L. J. Saif), 1 September 1985 through 31 August 1988. (Project 764915 - New)

\$145,252.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, DNA Damage Following Exposure to Genotoxin, Department of Radiology (S. M. D'Ambrosio and A. A. Wani), 1 September 1985 through 31 August 1986. (Project 762787 - Continuation)

\$141,648.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Ion Transport by Heart Mitochondria, Department of Physiological Chemistry (G. P. Brierley), 1 September 1985 through 31 August 1986. (Project 760026 - Continuation)

October 3 and 4, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$140,053.00 - Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, Rockville, MD, Personality, Psychological Stress, and Immunocompetence, Department of Medical Microbiology and Immunology (R. M. Glaser) and Department of Psychiatry (J. Kiecolt-Glaser), 1 September 1985 through 31 August 1986. (Project 764961 - New)

\$125,000.00 - Department of Energy, Argonne, IL, Upgrade of The Ohio State University Nuclear Reactor Laboratory, Engineering Experiment Station (D. W. Miller) and Department of Mechanical Engineering (T. Aldemir), 24 July 1985 through 23 December 1987. (Project 764911 - New)

\$119,612.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Aging and Income Security, Department of Economics (D. O. Parsons), 1 August 1985 through 31 July 1986. (Project 764930 - New)

\$112,790.00 - National Science Foundation, Washington, DC, Structural Influence of Zeolites on Metals and Metal Complexes within its Cavities - A Raman Spectroscopy Study, Department of Chemistry (P. K. Dutta), 1 September 1985 through 31 August 1986. (Project 764936 - New)

\$111,402.00 - Department of Education, Office of Special Education, Washington, DC, Project Transition, Department of Human Services Education and School of Health, Physical Education and Recreation (P. Jansma) and School of Health, Physical Education and Recreation (W. F. Ersing), 1 July 1985 through 30 June 1986. (Project 763505 - Continuation)

\$101,964.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Studies on the Dextran Sucrase of Streptococcus Sanguis, Department of Chemistry (R. M. Mayer), 1 September 1985 through 31 August 1986. (Project 760160 - Continuation)

October 3 and 4, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$100,000.00 - Department of Agriculture, Washington, DC, Gene for Exopolysaccharide Biosynthesis and Virulence in Erwinia stewartii, Department of Plant Pathology - OARDC (D. L. Coplin), 1 September 1985 through 31 August 1987. (Project 764967 - Continuation)

\$99,982.00 - National Science Foundation, Washington, DC, Glaciological and Climatological Analysis of the Past 2000 Years from Antarctic Ice Cores, Institute of Polar Studies (E. M. Thompson and L. G. Thompson) and Department of Chemistry (T. R. Sweet), 15 July 1985 through 14 July 1986. (Project 764798 - New)

\$97,872.00 - National Science Foundation, Washington, DC, Stratigraphy, Paleontology and Sedimentology of the Sirius Formation, Beardmore Glacier, Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (P. N. Webb) and Institute of Polar Studies (J. H. Mercer), 1 September 1985 through 31 August 1986. (Project 764799 - New)

\$94,324.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Abnormal & B Cell Colony Growth in Aged Humans, Department of Medicine (R. L. Whisler), 1 August 1985 through 31 July 1986. (Project 763761 - Continuation)

\$85,200.00 - National Science Foundation, Washington, DC, Diffusion Driven Boundary Motion in Alloys, Department of Metallurgical Engineering (P. G. Shewmon and G. Meyrick), 14 August 1985 through 31 July 1986. (Project 764916 - Continuation)

\$84,936.00 - Department of the Navy, Office of Naval Research, Arlington, VA, Research in Nonparametric Incomplete Rankings Procedures, Small Sample Asymptotics, and Statistical Decision Theory, Department of Statistics (D. A. Wolfe, M. A. Fligner and L. M. Berliner), 8 June 1985 through 7 June 1986. (Project 764240 - Continuation)

October 3 and 4, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$81,481.00 - Department of Education, Office of Special Education and Rehabilitative Services, Washington, DC, Using Job Clubs to Assist in the Transition to Work of Postsecondary Handicapped Students, The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1985 through 30 September 1986. (Project 764921 - New)

\$78,870.00 - Department of Education, Office of Bilingual Education and Minority Language Affairs, Washington, DC, Training Project for Teachers of Indochinese Children, Leading to an M.A. in Education with a Specialty in Bilingual/Multicultural Education, Department of Educational Theory and Practice (V. G. Allen), 1 September 1985 through 31 August 1986. (Project 763792 - Continuation)

\$75,945.00 - Department of Education, Office of Special Education, Washington, DC, Leadership Training of Special Educational Doctoral Students in an Interdisciplinary Environment, Nisonger Center for Mental Retardation (D. C. Cavin), 1 July 1985 through 31 May 1986. (Project 763563 - Continuation)

\$75,000.00 - National Science Foundation, Washington, DC, Studies of Anatomically Preserved Plants from the Permian and Triassic of Antarctica, Institute of Polar Studies and Department of Botany (T. N. Taylor), 1 May 1985 through 30 April 1986. (Project 763591 - Continuation)

\$73,355.00 - Department of Health and Human Services, Office of the Assistant Secretary for Planning and Evaluation, Washington, DC, Job Characteristics - Health Interaction Effects on Early Retirement, Department of Preventive Medicine (G. Nestel), 15 September 1985 through 14 September 1986. (Project 764931 - New)

\$69,077.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Neural Aspects of Craniofacial Morphogenesis, College of Dentistry - Oral Biology (K. E. Alley), 1 July 1985 through 28 February 1986. (Project 764918 - New)

October 3 and 4, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$64,012.00 - National Science Foundation, Washington, DC, Timing in Serial Pattern Perception and Remembering, Department of Psychology (M. R. Jones), 1 October 1985 through 31 March 1987. (Project 764369 - Continuation)

\$62,500.00 - National Science Foundation, Washington, DC, Presidential Young Investigator Award, Department of Metallurgical Engineering (R. H. Wagoner), 1 July 1985 through 30 June 1986. (Project 764071 - Continuation)

\$62,000.00 - National Science Foundation, Washington, DC, Dispersion versus Absorption (DISPA) Line Shape Analysis for Inhomogeneously Broad Spectra, Departments of Chemistry and Biochemistry and Chemical Instrumentation Center (A. G. Marshall), 1 July 1985 through 30 June 1986. (Project 763690 - Continuation)

\$57,335.00 - National Science Foundation, Washington, DC, Assessment Response Surfaces in Civil Engineering Systems: Theoretical Developments and Empirical Results, Department of Civil Engineering (M. R. McCord), 1 July 1985 through 30 June 1987. (Project 764909 - New)

\$53,000.00 - Department of Energy, Argonne, IL, Construction of a High Precision Vertex Detector to be Installed in the CLEO Experiment at the Cornell Electron Storage Ring, Department of Physics (H. P. Kagan), 1 July 1985 through 31 December 1985. (Project 764321 - Continuation)

\$52,000.00 - Department of Education, Office of Special Education and Rehabilitative Services, Washington, DC, Preparing Parent Volunteers for Increasing Handicapped Youths' Employability: A Training of Trainers, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1985 through 31 May 1986. (Project 763748 - Continuation)

October 3 and 4, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$45,060.00 - National Aeronautics and Space Administration, Marshall Space Flight Center, Marshall Space Flight Center, AL, Develop a Laser-Based Structured Lighting Enhancement for the MSFC Coaxial Viewer Systems, Department of Welding Engineering (R. W. Richardson), 1 January 1985 through 30 December 1985. (Project 763891 - Continuation)

\$44,966.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, MD, Improvement of Knowledge Regarding Earth's Gravity Field from Terrestrial and Satellite Data, Department of Geodetic Science and Surveying (R. H. Rapp), 1 August 1985 through 31 July 1986. (Project 760056 - Continuation)

\$40,833.00 - National Science Foundation, Washington, DC, Specification and Estimation of Dynamic Stochastic Labor Force Participation and Search Models, Center for Human Resources Research (K. I. Wolpin), 1 August 1985 through 31 July 1986. (Project 764923 - New)

\$35,900.00 - National Science Foundation, Washington, DC, (P and Q) - Polynomial Association Schemes and Related Topics, Department of Mathematics (E. Bannai), 1 July 1985 through 30 June 1987. (Project 764912 - New)

\$31,000.00 - National Science Foundation, Washington, DC, Multiple Hydrogen Bonding, Department of Chemistry (J. Hine), 1 July 1985 through 31 December 1985. (Project 764910 - New)

\$27,150.00 - National Science Foundation, Washington, DC, Elliptic Curves with Complex Multiplication, Department of Mathematics (K. Rubin), 1 July 1985 through 30 June 1987. (Project 764913 - New)

\$27,054.00 - National Science Foundation, Washington, DC, A Chronology of the United States in Antarctica, 1949-1984, Institute of Polar Studies (P. J. Anderson), 1 September 1985 through 31 August 1986. (Project 764405 - Continuation)

October 3 and 4, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$25,000.00 - National Science Foundation, Washington, DC, Presidential Young Investigator Award Nomination, Department of Physics (C. Jayaprakash), 1 July 1985 through 30 June 1986. (Project 764850 - New)

\$20,004.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Asukamyan, Manumycin, Reductiomycin: Biosynthesis, Department of Chemistry (H. G. Floss and J. M. Beale), 1 October 1983 through 30 September 1986. (Project 764368 - Continuation)

\$19,935.00 - National Science Foundation, Washington, DC, Science Planning for Greenland Glaciology, Institute of Polar Studies (E. Mosley-Thompson), 1 July 1985 through 30 June 1986. (Project 764237 - Continuation)

\$18,996.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Nickel Promoted Alpha-Alkylation of Carbonyl Compounds, Department of Chemistry (L. A. Paquette and L. D. Burke), 1 September 1985 through 31 August 1986. (Project 764938 - New)

\$11,022.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Prolactinomas: In Vivo and in Vitro Studies, Department of Medicine (W. B. Malarkey), 1 July 1984 through 31 March 1986. (Project 763223 - Continuation)

\$7,572.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Mechanical Control and Energetics of Muscle Contraction, Department of Physiology (E. Bozler), 1 September 1985 through 31 August 1986. (Project 760924 - Continuation)

\$1,334.00 - National Aeronautics and Space Administration, Washington, DC, SETI (Search for Extraterrestrial Intelligence) Research, Department of Electrical Engineering (J. D. Kraus and R. S. Dixon), 15 July 1985 through 31 January 1986. (Project 764694 - Continuation)

October 3 and 4, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

Computer Time - National Science Foundation, Washington, DC, Structure, Dynamic Behavior and Synthesis of Selected Carbonionic Substances, Department of Chemistry (G. A. Fraenkel), 1 July 1985 through 30 June 1986. (Project 763630 - Continuation)

Computer Time - National Science Foundation, Washington, DC, The Emission Line Regions of Active Galactic Nuclei, Department of Astronomy (G. J. Ferland), 15 June 1985 through 31 May 1986. (Project 764832 - Continuation)

TOTAL - FEDERAL AWARDS

\$4,837,881.00

State of Ohio Research Contracts/Grants

\$47,686.00 - State of Ohio, Department of Education, Columbus, OH, A Survey of Opinions Concerning the Quality of Ohio's Educational Program, Department of Political Science (A. R. Clausen), 29 July 1985 through 21 October 1985. (Project 764952 - New)

\$38,220.00 - State of Ohio, Public Utilities Commission, Columbus, OH, A Proposal to Assist the Public Utilities Commission of Ohio in Analyzing the Implementation Issues Surrounding Time-of-Use Rates for Ohio Electric Utilities, National Regulatory Research Institute (D. N. Jones), 20 August 1985 through 18 March 1986. (Project 764937 - New)

\$26,000.00 - State of Ohio, Department of Mental Health, Columbus, OH, Graduate Training Program in Psychology, Department of Psychology (H. L. Mirels), 1 July 1985 through 30 June 1986. (Project 762865 - Continuation)

\$22,661.00 - State of Ohio, Department of Mental Health, Columbus, OH, Neurobiological Variables, Affective Symptomatology and Eating Disorders, Department of Psychiatry (A. B. Levy), 1 July 1985 through 30 June 1986. (Project 764454 - Continuation)

October 3 and 4, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$21,000.00 - State of Ohio, Department of Development, Columbus, OH, Prepare a Preliminary Ohio Site Proposal for the Superconducting Super Collider, Research and Graduate Studies Administration (J. M. Hollander), 1 July 1985 through 1 July 1986. (Project 764656 - Continuation)

\$18,233.00 - State of Ohio, Ohio Arts Council, Columbus, OH, Film/Video Exhibition in Columbus, College of The Arts - Administration (J. W. Green), 1 July 1985 through 30 June 1986. (Project 764933 - New)

\$16,170.00 - State of Ohio, Department of Mental Health, Columbus, OH, Graduate Training Program in Social Work, College of Social Work (M. T. Taris), 1 July 1985 through 30 June 1986. (Project 762864 - Continuation)

\$8,500.00 - State of Ohio, Ohio Arts Council, Columbus, OH, Book Arts Collaboration, Department of Art Education (R. C. Tauber), 16 September 1985 through 30 June 1986. (Project 764940 - New)

\$7,360.00 - State of Ohio, Ohio Arts Council, Columbus, OH, Rape, College of The Arts - Administration (J. W. Green), 1 October 1985 through 31 December 1985. (Project 764939 - New)

\$5,000.00 - State of Ohio, Department of Health, Columbus, OH, Conference on Technology-Dependent Children, Department of Family and Community Nursing (M. B. Lotas), Nisonger Center for Mental Retardation (E. H. King) and Department of Life Span Process (M. B. Strauss), 1 July 1985 through 30 September 1985. (Project 764934 - New)

\$2,984.00 - State of Ohio, Ohio Arts Council, Columbus, OH, Book Arts Collaboration, Department of Art Education (R. C. Tauber), 16 September 1985 through 30 June 1986. (Project 764941 - New)

\$2,711.00 - State of Ohio, Ohio Arts Council, Columbus, OH, Ohio Journal, Department of English (W. W. Allen), 1 July 1985 through 30 June 1986. (Project 764944 - Continuation)

October 3 and 4, 1985 meeting. Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$600.00 - State of Ohio, Ohio Division of Vocational Education, Columbus, OH, The Effects of Career Development Curriculum on Vocational Interests, Vocational Maturity, and Decision Making Styles of Undecided College Females, Department of Human Services Education (S. J. Sears), 1 April 1985 through 30 June 1985. (Project 764950 - New)

TOTAL - STATE OF OHIO **\$ 217,125.00**

Industrial Research Contracts/Grants

\$51,512.00 - Pfizer, Inc., Groton, CT, A Multicenter Phase I Single Dose Pharmacokinetic Study of CP-65,703 Administered to Volunteers Based on Sex and Age Categorization (502-004), Department of Pharmacology (N. Gerber), 1 May 1985 through 31 December 1985. (Project 764001 - Continuation)

\$39,715.00 - Owens Illinois, Inc., Columbus, OH, Job/Task Analysis and Video Job Training Development - Eight Jobs, College of Education - Administration (J. J. Buffer), 1 January 1986 through 31 December 1986. (Project 764929 - Continuation)

\$26,875.00 - American Cyanamid Company, Pearl River, NY, H. Influenzae Type b Vaccine (PRP), TRI-IMMUNOL and ORIMUNE, Department of Pediatrics (L. K. Grossman), 17 June 1985 through 16 December 1987. (Project 764925 - New)

\$15,990.00 - Cummins Engine Company, Columbus, IN, Basic Mechanisms of Sliding Friction and Wear - Wear Mechanisms in Engines, Department of Metallurgical Engineering (D. A. Rigney), 1 July 1985 through 15 October 1985. (Project 764561 - Continuation)

\$725.00 - Capital City Products, Columbus, OH, Job Analysis of Laboratory Technician III, Department of Educational Policy and Leadership (R. L. Jacobs), 1 July 1985 through 31 July 1985. (Project 764935 - New)

TOTAL - INDUSTRIAL AWARDS **\$ 134,817.00**

October 3 and 4, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants

\$111,467.00 - Franklin County Mental Retardation and Developmental Disabilities Board, Columbus, OH, Early Childhood Classes, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 October 1985 through 30 September 1986. (Project 764928 - Continuation)

\$91,584.00 - University of California, Lawrence Livermore National Laboratory, Livermore, CA, Nuclear Spin Polarized Fuel for Laser Experiments, Department of Physics (J. R. Gaines), 1 July 1985 through 30 November 1987. (Project 764301 - Continuation)

\$85,634.00 - Children's Hospital Research Foundation, Columbus, OH, Intestinal Transplantation in Inbred Rats, Department of Medicine (P. J. Tutschka), 1 August 1985 through 31 July 1986. (Project 764924 - New)

\$74,250.00 - The Cleveland Foundation, Cleveland, OH, Effective Integration of Microcomputers in the Undergraduate Accounting and Finance Curriculum to Enhance Disciplinary Knowledge, College of Administrative Science - Administration (H. J. Davidson), 1 July 1985 through 30 June 1987. (Project 764951 - New)

\$60,814.00 - Muscular Dystrophy Association, New York, NY, Clinical Investigation of Duchenne Dystrophy, Department of Neurology (J. R. Mendell), 1 July 1985 through 28 February 1986. (Project 761360 - Continuation)

\$45,197.00 - Berks County Intermediate Unit, Reading, PA, Strategies for Increasing the Responsiveness of Berks County Training Institutions in Meeting Industry Training Needs, The National Center for Research in Vocational Education (R. E. Taylor), 15 August 1985 through 30 June 1986. (Project 764956 - New)

\$44,669.00 - Hannah Neil Center for Children, Columbus, OH, Implementing Behavioral Treatment Activities: A Joint Human Services/Physical Education Internship, School of Health, Physical Education and Recreation (C. L. Mand) and Department of Human Services Education (J. O. Cooper), 1 September 1985 through 31 August 1986. (Project 764955 - Continuation)

October 3 and 4, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$30,360.00 - American Heart Association, Dallas, TX, Ca^{++} Calmodulin and Ca^{++} Channels in Muscle Contraction, Department of Physiological Chemistry (J. D. Johnson), 1 July 1986 through 30 June 1987. (Project 764097 - Continuation)

\$25,000.00 - March of Dimes Birth Defects Foundation, White Plains, NY, Deletions in the Human Alpha- and Beta-Globin Gene Clusters, Department of Biochemistry (E. F. Vanin), 1 September 1985 through 31 August 1986. (Project 764942 - New)

\$25,000.00 - March of Dimes Birth Defects Foundation, White Plains, NY, Isoactin Regulation in Vascular Smooth Muscle Cell Differentiation, Department of Anatomy (A. R. Strauch), 1 September 1985 through 31 August 1986. (Project 764958 - New)

\$19,902.00 - March of Dimes Birth Defects Foundation, White Plains, NY, Proteins that Covalently Bind to DNA: Their Role in Gene Expression in the Developing Embryo, Department of Microbiology (M. T. Muller), 1 September 1985 through 30 June 1986. (Project 763776 - Continuation)

\$15,000.00 - Battelle Memorial Institute, Columbus, OH, Natural Analog Study Technical Support, Department of Geology and Mineralogy (K. A. Foland), 1 September 1985 through 30 September 1985. (Project 764352 - Continuation)

\$15,000.00 - The Petroleum Research Fund, Washington, DC, Propagations of Plane Waves in an Infinite Fluid-Filled Porous Geological Material, Department of Engineering Mechanics (N. Katsube), 1 August 1985 through 31 July 1987. (Project 764917 - New)

\$14,550.00 - Council on International Educational Exchange, New York, NY, Intensive English in the U.S.A. for Japanese Teachers of English, Academic Affairs Administration (F. M. Firebaugh), 1 June 1985 through 31 December 1985. (Project 764788 - Continuation)

October 3 and 4, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$12,843.00 - Texas A & M University, College Station, TX, Ocean Drilling Program, Department of Geology and Mineralogy (L. Krissek), 25 June 1985 through 11 September 1985. (Project 764943 - New)

\$10,627.00 - International Studies Association, Columbia, SC, Assistance in Disseminating Learning Resources on Global Education and Teacher Training, Department of Political Science and Mershon Center for Education (J. E. Harf), 1 July 1985 through 30 June 1986. (Project 764287 - Continuation)

\$10,000.00 - Electric Power Research Institute, Palo Alto, CA, Causes and Corrective Actions for Pitting in Steam Generator Tubing, Department of Metallurgical Engineering (S. S. Smialowska), 24 May 1983 through 31 December 1985. (Project 763582 - Continuation)

\$10,000.00 - March of Dimes Birth Defects Foundation, White Plains, NY, Comprehensive Adolescent Obstetrical Parenting and Family Planning Program, Department of Obstetrics and Gynecology (F. P. Zuspan), 1 July 1985 through 30 June 1986. (Project 764959 - New)

\$9,820.00 - University of Maryland Baltimore County, Catonsville, MD, Affect, Cognitive Organization, and Decision Making, Department of Psychology (F. G. Ashby), 1 August 1985 through 31 July 1986. (Project 764444 - Continuation)

\$8,268.00 - University of Nebraska, Lincoln, NE, 1985 Greenland Field Program, Institute of Polar Studies (D. H. Elliot), 26 June 1985 through 31 October 1985. (Project 764914 - New)

\$8,000.00 - Durham Technical Institute, Durham, NC; Guilford Technical Community College, Jamestown, NC; Mississippi Gulf Coast Junior College, Perkinson, MS, and South Puget Sound Community College, Olympia, WA, National Postsecondary Alliance, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1985 through 30 June 1986. (Project 764743 - Continuation)

October 3 and 4, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$6,500.00 - University of Pittsburgh, Pittsburgh, PA, The Treatment of Primary Breast Cancer, Department of Surgery (W. B. Farrar), 1 February 1985 through 31 January 1986. (Project 763659 - Continuation)

\$3,000.00 - National Kidney Foundation of Central Ohio, Columbus, OH, Derivation of HTLV-I Positive T-Cell Lines from Patients with Systemic Lupus Erythematosus, Department of Veterinary Pathobiology (J. R. Blakeslee), 1 July 1985 through 30 June 1986. (Project 764932 - New)

\$3,000.00 - National Kidney Foundation of Central Ohio, Columbus, OH, Immunologic Factors in the Presence of Renal Disease Following Nonimmunologic Renal Injury, Department of Medicine (L. A. Hebert and N. S. Nahman), 1 July 1985 through 30 June 1986. (Project 764947 - New)

\$2,500.00 - State of Ohio, Department of Education, Columbus, OH, Career Guidance Consortium, The National Center for Research in Vocational Education (R. E. Taylor), 1 January 1985 through 30 September 1985. (Project 764926 - New)

\$2,000.00 - Kentucky State Department of Education, Frankfort, KY, National Entrepreneurship Education Consortium, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1985 through 30 June 1986. (Project 764945 - Continuation)

\$1,997.00 - Virginia Community College System, Richmond, VA, Assisting in Data Analysis and Report Writing for the Virginia Community College System, The National Center for Research in Vocational Education (R. E. Taylor), 1 August 1985 through 30 September 1985. (Project 764960 - New)

\$1,250.00 - Georgia State Department of Education, Atlanta, GA, Career Guidance Consortium, The National Center for Research in Vocational Education (R. E. Taylor), 1 January 1985 through 30 September 1985. (Project 764926 - Continuation)

TOTAL - OTHER NON-FEDERAL AWARDS

\$ 748,232.00

October 3 and 4, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

\$49,010.00 - Ohio Department of Development, Thomas Alva Edison Partnership Program, Columbus, OH; and Mosier Industries, Brookeville, OH, "Development of Pneumatic Rotary Directional Control Valve," Department of Mechanical Engineering, 1 August 1985 through 31 July 1986. (529680)

\$10,000.00 - Ohio Department of Development, Thomas Alva Edison Partnership Program, Columbus, OH; and International TechneGroup Inc., Columbus, OH, "Development of Integrated Computer Aided Analysis and Design Software for Kinematics and Controls," Department of Mechanical Engineering, 1 August 1985 through 31 July 1985. (312848)

TOTAL - STATE SPONSORED RESEARCH \$ 59,010.00

Industrial and Other Sponsored Research and Development

\$69,509.00 - Advanced Information Technology Research Center (AITRC), Columbus, OH, "Automated Conversion Tools for Data Exchange," Department of Computer and Information Science, 15 June 1985 through 14 June 1986. (529681)

\$68,500.00 - NCR Corporation, Dayton, OH, "Cryogenic Testing Strategies for Microelectric Cold Computer Strategies," Department of Electrical Engineering, 1 October 1985 through 30 September 1986. (529683)

\$58,243.00 - IBM Corporation, Poughkeepsie, NY, "Optimization of Robotic Arc Welding Procedures for Minimization and Control of Distortion in Tubular Frame Structures," Department of Welding Engineering, 13 June 1983 through 31 December 1985. (529634 - Ext. 1)

\$49,263.00 - from 19 sponsors of 21 development projects under the direction of seven engineering departments.

\$45,640.00 - General Electric, Lamp Materials Research Laboratory, Cleveland, OH, "Phosphor Research," Department of Ceramic Engineering, 1 July 1984 through 30 June 1986. (529672 - Ext. 1)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 291,155.00

October 3 and 4, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

Norman Cyril Noble Memorial Scholarship Fund

The Normal Cyril Noble Memorial Scholarship Fund was established October 4, 1985, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the Estate of Alma N. Noble, PH.D. Latin '38, Huntington, West Virginia.

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

The annual income is to be used to assist students in the College of Pharmacy who have demonstrated high academic achievement and a need for financial support. Selection of the award recipients shall be made by the University Committee on Student Financial Aid in consultation with the Dean of the College of Pharmacy.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University then responsible for pharmacy education.

The Arthur Shapiro Memorial Fund

The Arthur Shapiro Memorial Fund was established October 4, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the family and friends of Arthur Shapiro, Columbus, Ohio.

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

The annual income is to be used to support the activities of the College of Law Library.

October 3 and 4, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Arthur Shapiro Memorial Fund (contd)

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

The Law Class of '35 Fund

The Law Class of '35 Fund was established October 4, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from members of the College of Law Class of 1935 on the occasion of their Fiftieth Anniversary of graduation from the College.

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

The annual income is to be used to support the activities of the College of Law Library.

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

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**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 86-37

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

October 3 and 4, 1985 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Administration to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

MAIN LIBRARY SYSTEM MODIFICATIONS

Description: This energy conservation project provides for system renovation and modification to upgrade existing temperature and humidity control and cooling source chiller plant together with auxiliary support equipment at the William Oxley Thompson Memorial Library. Work is scheduled to begin November 1985 and be completed November 1986.

General Contract

Date Received:	August 9, 1985
No. of Bids:	2
Low Bid:	\$128,370.00*+
Estimate of Cost:	\$126,850.00*
Awarded to:	Waller & Lund Inc., Columbus, OH

HVAC Contract

Date Received:	July 23, 1985
No. of Bids:	6
Low Bid:	\$372,769.00
High Bid:	\$432,645.00

*Recommended alternate reflected in these figures.

+General and Electric Contracts are in excess of filed estimate of cost; however, the total price of all contracts is within the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code. Other bid on the General Contract rejected by the Division of Public Works because signature page was missing.

October 3 and 4, 1985 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

MAIN LIBRARY SYSTEM MODIFICATIONS (contd)

HVAC Contract (contd)

Estimate of Cost:	\$431,071.00
Awarded to:	R. H. Reeb Co., Columbus, OH

Electric Contract

Date Received:	July 23, 1985
No. of Bids:	5
Low Bid:	\$ 42,320.00+
High Bid:	\$ 63,217.00
Estimate of Cost:	\$ 34,500.00
Awarded to:	Electric Power Equipment, Columbus, OH

Total All Contracts: \$543,459.00*

Total Contingency Allowance: \$ 27,775.17 (which is 5% of construction costs)

Total Project Cost: \$639,806.00*

Funding: HB 798 U & R and University Funds

*Recommended alternate reflected in these figures.

+General and Electric Contracts are in excess of filed estimate of cost; however, the total price of all contracts is within the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code. Other bid on the General Contract rejected by the Division of Public Works because signature page was missing.

**OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER
BOILER PLANT IMPROVEMENTS**

Description: This project involves the removal and disposal of two existing 1948 model coal fired boilers and existing stack, installation of one new energy efficient gas/oil boiler, and the renovation of the building as required to meet EPA compliance at Wooster. Work is scheduled to begin November 1985 and be substantially completed by June 1986.

October 3 and 4, 1985 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER
BOILER PLANT IMPROVEMENTS (contd)**

General Contract

Date Received:	August 27, 1985
No. of Bids:	4
Low Bid:	\$ 42,126.00*
High Bid:	\$ 63,072.00*
Estimate of Cost:	\$ 47,500.00*
Awarded to:	Ben D. Imhoff Inc., Orrville, OH

HVAC Contract

Date Received:	August 27, 1985
No. of Bids:	4
Low Bid:	\$200,301.00*
High Bid:	\$247,653.00*
Estimate of Cost:	\$205,830.00*
Awarded to:	Schmid Plumbing & Heating, Wooster, OH

Electric Contract

Date Received:	August 27, 1985
No. of Bids:	2
Low Bid:	\$ 17,996.00
High Bid:	\$ 22,900.00
Estimate of Cost:	\$ 24,000.00
Awarded to:	Madison Electric, Wooster, OH

*Recommended alternates reflected in these figures.

October 3 and 4, 1985 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER
BOILER PLANT IMPROVEMENTS (contd)

Total All Contracts:	\$260,423.00*
Pre Purchase of Boiler	\$170,170.00
Total Contingency Allowance	\$ 10,470.51 (which is 4% of construction costs)
Total Project Cost:	\$500,000.00*
Funding:	HB 798 U & R

*Recommended alternates reflected in these figures.

REGIONAL CAMPUS PARKING LOTS
NEW PARKING LOT AND PAVEMENT RESTORATION
MANSFIELD AND MARION REGIONAL CAMPUSES

Description: This project provides for the construction of a new overflow parking lot, resurfacing of selected existing parking lots and the removal of the old fuel tank system at the Mansfield Regional Campus and the emulsion sealcoat and paint striping of three parking lots at the Marion Regional Campus. Work is scheduled to begin this fall and be completed within sixty days, weather permitting.

General Contract

Date Received:	August 27, 1985
No. of Bids:	2
Low Bid:	\$101,593.00*+
High Bid:	\$109,791.25*
Estimate of Cost:	\$ 99,258.00*
Awarded to:	R. G. Beer Corp., Mansfield, OH

*Recommended alternates reflected in these figures.

+General Contract is in excess of filed estimate of cost; however, the total price of all contracts is 2% over the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code.

October 3 and 4, 1985 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

REGIONAL CAMPUS PARKING LOTS
NEW PARKING LOT AND PAVEMENT RESTORATION
MANSFIELD AND MARION REGIONAL CAMPUSES (contd)

Total All Contracts: \$101,593.00*

Total Contingency Allowance: \$ 11,042.30 (which is 11% of
construction costs)**

Total Project Cost: \$128,810.00*

Funding: SB 381 U & R

*Recommended alternates reflected in these figures.

**Above average contingency allowance due to possibility of
project completion being delayed until Spring 1986.

OHIO UNION ROOF REPAIRS

Description: This project provides for the repair of
deteriorated coal tar pitch roof at the Ohio Union,
including all flashings and the resetting of roof drains.
Work is scheduled to begin November 1985 and be completed
within forty-five days.

General Contract

Date Received: August 20, 1985

No. of Bids: 4

Low Bid: \$ 63,287.00*

High Bid: \$129,450.00

Estimate of Cost: \$117,072.00

Awarded to: Richard M. Smith, Columbus, OH

Total All Contracts: \$ 63,287.00*

Total Contingency Allowance: \$ 5,587.08 (which is 9% of con-
struction costs)

Total Project Cost: \$80,000.00*

Funding: University Funds (B/A 885270)

*Recommended substitution reflected in these figures.

October 3 and 4, 1985 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

Upon motion of Mr. Immke, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution with eight affirmative votes cast by Messrs. Havens, Galbreath, Redman, Immke, Berry, Barone, and Mrs. Bowser and Ms. Casto, and an abstention by Mr. Teaford.

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**ACCEPTANCE OF THE GIFT OF REAL PROPERTY
4466 NORTH HIGH STREET, COLUMBUS, OHIO**

Resolution No. 86-38

Synopsis: Acceptance of a gift of approximately 1.12 acres of real property at 4466 North High Street in Columbus, Ohio, and the establishment of the A. Sophie Rogers Memorial Fund are proposed.

WHEREAS the A. Sophie Rogers Foundation is the owner of approximately 1.12 acres of real property located at 4466 North High Street in Columbus, Ohio, and wishes to make a gift of this property to The Ohio State University through The Ohio State University Development Fund; and

WHEREAS under the terms of this gift, the property will be sold and the net proceeds will be used to support the Laboratory for Child and Family Studies in the College of Home Economics and to establish the A. Sophie Rogers Memorial Fund to provide continuing support for this facility; and

WHEREAS it has been determined that acceptance of this gift and the establishment of the A. Sophie Rogers Fund are in the best interest of the University:

NOW THEREFORE

October 3 and 4, 1985 meeting, Board of Trustees

**ACCEPTANCE OF THE GIFT OF REAL PROPERTY
4466 NORTH HIGH STREET, COLUMBUS, OHIO (contd)**

BE IT RESOLVED, That this property be accepted as a gift to the University through the Development Fund from the A. Sophie Rogers Foundation and that the President and/or Vice President for Business and Administration be authorized to acquire title to this property in the name of the Board of Trustees of The Ohio State University.

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

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**EARLY RETIREMENT INCENTIVE PROGRAM
Resolution No. 86-39**

Synopsis: Early Retirement Incentive Program is proposed.

WHEREAS in July 1983, the Ohio General Assembly enacted Amended Substitute House Bill 410 which became effective on October 7, 1983, enabling universities and colleges to establish retirement incentive plans for individuals at their respective institutions who are members of the State Teachers Retirement System (STRS); and

WHEREAS The Ohio State University desires to adopt such a retirement incentive plan in order to provide more flexibility in its long term planning for its academic human resource needs:

NOW THEREFORE

BE IT RESOLVED, That effective November 1, 1985, and continuing for three years thereafter, the University will purchase service credit, in one year increments, for eligible STRS members electing to retire under this plan, and further that the amount of service credit purchased shall not exceed the lesser of five years or one-fifth of the individual's total service credited by STRS as of the date the eligible STRS member elects to participate in this plan; and

BE IT FURTHER RESOLVED, That to be eligible, all members must be members of STRS and must have attained the age of fifty (50) and be currently eligible to retire or eligible to retire after including the years of service credit to be purchased under the plan; and

October 3 and 4, 1985 meeting, Board of Trustees

EARLY RETIREMENT INCENTIVE PROGRAM (contd)

BE IT FURTHER RESOLVED, That the maximum number of eligible members under this plan will be limited to five percent (5%) of the total number of individuals at the University who are members of STRS as of October 1, 1985, and further that if the total number of persons applying for this program exceeds the five percent (5%) maximum, then approval for participation will be determined in accordance with Section 3307.35; and

BE IT FURTHER RESOLVED, That those individuals who are eligible and approved for participation in this plan must retire within ninety (90) days of notification that additional service credit has been purchased; and further that those individuals who retire under this plan will not be eligible for participation in any other supplemental or early retirement program previously established by the University; and

BE IT FURTHER RESOLVED, That the President and/or the Vice President for Personnel Services are hereby authorized to notify the State Teachers Retirement System on the official form approved by that agency of The Ohio State University's election to participate in a retirement incentive plan in accordance with Section R.C. 3307.35 and the terms of this resolution.

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

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**FEE AUTHORIZATION PROGRAM
FOR FACULTY/STAFF DEPENDENTS**

Resolution No. 86-40

Synopsis: Modification of Quarter Limitation for the Faculty/Staff Dependent Fee Authorization Program is proposed.

WHEREAS at its December 7, 1978 meeting, the Board of Trustees approved the establishment of a Fee Authorization Program for Faculty/Staff Dependents; and

WHEREAS based on current instructional credit hour requirements for the award of the baccalaureate degree, it has been determined that the twelve-quarter policy limitation stated therein is too restrictive:

October 3 and 4, 1985 meeting, Board of Trustees

**FEE AUTHORIZATION PROGRAM
FOR FACULTY/STAFF DEPENDENTS (contd)**

NOW THEREFORE

BE IT RESOLVED, That the Fee Authorization Program for Faculty/Staff Dependents be modified to the extent that the portion stating: "...an eligible spouse and each dependent child may participate in the program for a total period not to exceed twelve quarters of registration," is amended to read "...an eligible spouse and each dependent child may participate in the program for a total period not to exceed 200 credit hours." The effective date of this modification will be November 1, 1985.

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

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ORGAN PROCUREMENT AGREEMENT

Resolution No. 86-41

Synopsis: An agreement with Lifeline of Ohio Organ Procurement, Incorporated, for procurement of organs for transplantation, is proposed.

WHEREAS Lifeline of Ohio Organ Procurement, Incorporated, (LOOP) is a not-for-profit corporation organized and operated under the laws of the State of Ohio and has been certified as an organ procurement agency; and

WHEREAS The Ohio State University, through University Hospitals, operates a certified organ transplant agency and desires to acquire various organs for transplantation from LOOP; and

WHEREAS LOOP has requested a five-year agreement with the University whereby the University would provide facilities and personnel to LOOP at fair market value in exchange for a right of first refusal for all organs acquired by LOOP at its standard charge for such organs:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized, on behalf of the University, to negotiate and enter into an agreement, as

October 3 and 4, 1985 meeting, Board of Trustees

ORGAN PROCUREMENT AGREEMENT (contd)

described above, with Lifeline of Ohio Organ Procurement, Incorporated, upon such terms and conditions as are in the best interest of the University, and that, in accordance with the University's Purchasing Policy, competitive bidding be waived for all purchases of services under this agreement.

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

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**QUARTERLY REPORT -
WAIVERS OF COMPETITIVE BIDDING REQUIREMENTS
Resolution No. 86-42**

RESOLVED, That the quarterly report on the Waivers of Competitive Bidding Requirements, dated January 1 through March 31, 1985, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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**REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO
Resolution No. 86-43**

RESOLVED, That the report on the University's Investment Portfolio, dated September 20, 1985, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Thursday, October 31, 1985, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 6:30 p.m.

Attest:

Madison H. Scott
Secretary

John F. Havens
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND TWO HUNDRED AND FIFTEENTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, October 31 and November 1, 1985

The Board of Trustees met at its regular monthly meeting on Thursday, October 31, and Friday, November 1, 1985, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

* * *

Minutes of the last meeting were approved.

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October 31 and November 1, 1985 meeting, Board of Trustees

The Vice Chairman, Mr. Galbreath, called the meeting of the Board of Trustees to order on October 31, 1985, at 6:40 p.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: Daniel M. Galbreath, Vice Chairman, Edmund C. Redman, Shirley D. Bowser, Hamilton J. Teaford, John J. Barone, and Deborah E. Casto.

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Mr. Havens reconvened the meeting on November 1, 1985, at 10:30 a.m.

Present: John F. Havens, Chairman, Edmund C. Redman, John W. Berry, Shirley D. Bowser, Hamilton J. Teaford, John J. Barone, and Deborah E. Casto.

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AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY

Resolution No. 86-44

Synopsis: Amendments to rules 3335-5-48 and 3335-9-11 are being proposed.

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to the Rules of the University Faculty as approved by the University Senate; and

WHEREAS the proposed changes in the Rules of the University Faculty were approved by the University Senate on October 5, 1985, as follows:

AMENDED RULES

3335-5-48 Council on academic affairs.

(A) The council on academic affairs shall consist of fourteen members.

- (4) Four members shall be students: one graduate student appointed for a one-year term by the president of the council of graduate students with the approval of the council of graduate students; one professional student appointed for a one-year term by the president of the graduate-professional

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

council with the approval of the graduate-professional council; and two undergraduate students for terms of two years appointed by the president of the undergraduate student government with the approval of the undergraduate student assembly. The terms of the undergraduate students shall be such that one term begins each year. Student members shall be eligible for reappointment.

3335-9-11 Regular faculty, regular clinical faculty, and senior administrative and professional employees pursuing additional degrees.

Faculty members: no regular faculty member or regular clinical faculty member will be permitted to pursue a degree offered by the college in which the faculty member holds an appointment. In those instances where faculty members wish to pursue degrees in other colleges of this university, they must demonstrate that the acquisition of these degrees enhances their own competence as teachers and scholars. In making decisions to pursue additional degrees, university faculty must consider first and foremost the requirements of their total university commitment and responsibilities. Requests to pursue additional degrees must be approved by the chairperson of the department in which the faculty member holds appointment, dean of the college in which the faculty member holds appointment, dean of the school or college in which the degree would be granted (the dean of the graduate school in consultation with the executive committee of the council on research and graduate studies or dean of a professional college), and the vice president for academic affairs and provost.

Senior administrative and professional appointees: in those instances where senior administrative and professional appointees wish to pursue degrees at this university, they must demonstrate that the acquisition of these degrees enhances their competence as university employees. In making decisions to pursue additional degrees, senior administrative and professional appointees must consider first and foremost the requirements of their total university commitment and responsibility. Requests to pursue additional degrees must be approved by the immediate supervisor, the appropriate vice president in whose area the senior administrative and professional appointee holds position, dean of the school or college in which the degree would be granted (the dean of the graduate school in consultation with the executive committee of the council on research and graduate studies or dean of a professional college), and the vice president for academic affairs and provost.

October 31 and November 1, 1985 meeting, Board of Trustees

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to the Rules of the University Faculty be adopted as recommended by the University Senate.

Upon motion of Mr. Teaford, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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NAMING OF BUILDING

Resolution No. 86-45

Synopsis: Naming of building to be constructed on the main campus of The Ohio State University is proposed.

WHEREAS upon the recommendation of the President, with the concurrence of the President's Staff, it has been proposed that The Ohio State University Center for the Visual Arts bear the name "The Wexner Center for the Visual Arts," to honor and recognize the substantial support provided to the project by Leslie H. Wexner, the Founder, President, and Chairman of the Board of The Limited, Incorporated, and Chairperson of The Ohio State University Foundation; and

WHEREAS the building shall be dedicated in the memory of Harry L. Wexner, the deceased father of Leslie H. Wexner:

NOW THEREFORE

BE IT RESOLVED, That in accordance with paragraph (G) of rule 3335-1-08 of the Administrative Code, the aforementioned building shall be named "The Wexner Center for the Visual Arts."

Upon motion of Mrs. Bowser, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**DEGREES AND CERTIFICATES -
AUTUMN QUARTER COMMENCEMENT**

Resolution No. 86-46

Synopsis: Approval is being requested for awarding degrees and certificates for Autumn Quarter Commencement.

October 31 and November 1, 1985 meeting, Board of Trustees

**DEGREES AND CERTIFICATES -
AUTUMN QUARTER COMMENCEMENT (contd)**

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit, in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees the names of persons who have completed degree and certificate requirements:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on December 13, 1985, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools, and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Mr. Berry, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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HONORARY DEGREES

Resolution No. 86-47

Synopsis: Approval is requested for awarding honorary degrees to four individuals.

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to rule 3335-5-57 of the Administrative Code, have approved for recommendation to the Board of Trustees awarding of honorary degrees as listed below:

George W. Baughman	Doctor of Engineering
Charles W. Fries	Doctor of Arts
Paul L. Lehmann	Doctor of Humane Letters
Donald E. Osterbrock	Doctor of Science

NOW THEREFORE

BE IT RESOLVED, That the above honorary degrees be awarded in accordance with the recommendation at a time convenient to the University and the recipients.

October 31 and November 1, 1985 meeting, Board of Trustees

HONORARY DEGREES (contd)

Upon motion of Mr. Berry, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 86-48

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the October 4, 1985 meeting of the Board, including the following Appointments, Appointment of Chairperson of Department, Reappointment of Chairperson of Department, Leaves of Absence Without Salary, Leave of Absence Without Salary--Cancellation, Professional Improvement Leave, and Emeritus Titles as detailed in the University Budget be approved.

Appointments

Name: ALAN M. LAMBOWITZ
Title: Professor (Ohio Eminent Scholar in Molecular Genetics)
College: Biological Sciences
Effective: October 1, 1986
Salary: \$65,040.00
Present Position: Professor, Department of Biochemistry, St. Louis University School of Medicine

Name: P. DAVID MYEROWITZ
Title: Associate Professor, Division of Cardiothoracic Surgery
College: College of Medicine/Division of Surgery
Effective: December 1, 1985
Salary: \$30,000.00
Present Position: Associate Professor, Division of Cardiothoracic Surgery, University of Wisconsin

Appointment of Chairperson of Department

October 1, 1985 through September 30, 1989

Food Science and Nutrition

James H. Martin

October 31 and November 1, 1985 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Reappointment of Chairperson of Department

October 1, 1985 through September 30, 1986

Family and Community

Bonnie J. Garvin*

*Acting Chairperson

Leaves of Absence Without Salary

RICHARD D. GILSON, Professor, Department of Aviation, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986, to accept a Distinguished Visiting Professorship in the Department of Psychology at the University of Central Florida.

ROBERT KRAUT, Associate Professor, Department of Philosophy, effective Spring Quarter 1986, to accept a Visiting Professorship at Rutgers University.

LESLIE A. ADELSON, Assistant Professor, Department of German, effective Spring Quarter 1986, to accept a visiting appointment at the University of California at Irvine.

JUNKO SHIGEMITSU, Assistant Professor, Department of Physics, effective Spring Quarter 1985, to accept an invitation to work with the theory group at Fermi National Laboratory.

Leave of Absence Without Salary--Cancellation

WAYNE J. REDENBARGER, Associate Professor, Department of Romance Languages and Literatures, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

Professional Improvement Leave

DEBORAH S. PARRIS, Assistant Professor, Department of Medical Microbiology and Immunology, effective January 1, 1986 through December 31, 1986.

Emeritus Titles

DONALD R. MEYER, Department of Psychology, with the title Professor Emeritus, effective July 1, 1985.

HOWARD A. ROLLINS, Department of Horticulture, with the title Professor Emeritus, effective October 1, 1985.

WESLEY L. FURSTE, II, Department of Surgery, with the title Clinical Professor Emeritus, effective July 1, 1985.

October 31 and November 1, 1985 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Upon motion of Mrs. Bowser, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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RESOLUTIONS IN MEMORIAM

Resolution No. 86-49

Synopsis: Resolutions honoring the service of two of the University's faculty members who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Ruth M. Erlandson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 28, 1985, of Ruth M. Erlandson, Professor Emeritus in the University Libraries.

Professor Erlandson was born in Galesburg, Illinois, on July 20, 1907. She received her Bachelor of Arts degree in English from Knox College in 1928, the Bachelor of Science and Master of Science degrees from the University of Illinois in 1937 and 1943, respectively. From 1946 to 1948 she studied Swedish Literature at Columbia University and received the King Gustaf V Fellowship from the American-Scandinavian Foundation for the study of Swedish Literature at the University of Uppsala, Sweden in 1948-49.

Prior to joining the library faculty of The Ohio State University in 1953 as the Head of the Reference Department, she worked in both public and university libraries holding positions of Cataloger, Chief Reference Librarian, and Assistant Librarian.

Professor Erlandson came to The Ohio State University Libraries to rebuild and to administer the reference collection, a position she held until 1964 when she moved into the newly created position of Research Consultant and Lecturer in Subject Bibliography. She remained in this position, which entailed in-depth bibliographic service to graduate students and faculty, until her retirement in July 1976.

Professor Erlandson was a dedicated and natural teacher. She served as a visiting lecturer at the University of

RESOLUTIONS IN MEMORIAM (contd)

Ruth M. Erlandson (contd)

Illinois and Brooklyn College; and was a library advisor and lecturer at the Chulalongkorn University in Bangkok, Thailand; and a library advisor to the Chiangmai University in Chiangmai, Thailand. She was an outstanding reference librarian who never gave up when she had a question to answer. As part of her work as Head of the Reference Department, she taught many junior librarians the fine art of reference.

Professor Erlandson's service to her profession was exemplary. She was a member of the American Library Association International Relations Round Table, was a Director at Large for the Association of College and Research Libraries, Secretary to this Association's Reference Service Division, and served on the prestigious Subscription Books Committee of the American Library Association. In addition, she was also a member of Phi Kappa Phi and Beta Phi Mu.

On behalf of the University community, the Board of Trustees expresses to the family of Professor Erlandson its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

William E. Krauss

The Board of Trustees of the Ohio State University expresses its sorrow upon the death on September 1, 1985, of William E. Krauss, Professor Emeritus in the Department of Dairy Science.

Dr. Krauss was born January 11, 1899, in Newark, New Jersey, and served in the U.S. Navy during World War I. He received his B.S. degree in Agriculture and Ph.D. in Animal Nutrition from Cornell University.

Dr. Krauss joined the OARDC (then the Ohio Agricultural Experiment Station) in 1926 as an Assistant in Dairy Industry. He was promoted to Associate in 1931, and Department Chief in 1941. In 1946 he was named Chairman of the newly formed Department of Dairy Husbandry at The Ohio State University. He was named Associate Director of the OARDC in 1948 and held that position until his retirement in 1969.

Since retirement, Dr. Krauss has served as unofficial archivist and historian for the OARDC, contributing countless hours to collecting items to preserve the

RESOLUTIONS IN MEMORIAM (contd)

William E. Krauss (contd)

institution's historical development. He served nearly 10 years as Vice Chairman of a statewide committee to help bring public attention to the important role of agriculture in the state's economy and the need for preserving this heritage in a State Agricultural Museum.

Dr. Krauss had a distinguished scientific career before becoming an administrator. He achieved international recognition for his studies on the nutrition of dairy animals and the nutritional value of milk.

Dr. Krauss's contributions were well-recognized through the years. He received the Borden Award from the American Dairy Science Association in 1938; the Distinguished Nutritionist Award from the Distillers Feed Research Council in 1964; and an honorary Doctor of Science degree from the College of Wooster in 1966. In 1982 he was named an honorary life member of The Ohio State University Presidents Club.

Among the personal attributes admired most by his colleagues was Dr. Krauss's sense of loyalty - loyalty to his profession, to his employer, and to his fellow faculty members. He looked upon his job in terms of what was best for Ohio; what was best for OARDC and the University; what was best for advancing the science and art of agriculture, home economics, and natural resources. He was a true professional in every sense of the word.

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

Upon motion of Mr. Teafor, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 86-50

Synopsis: The reports on contracts, grants, and gifts and the summary for September 1985 are presented for Board acceptance.

October 31 and November 1, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station and The Ohio State University Development Fund during the month of September 1985 be approved.

Upon motion of Mr. Barone, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

SUMMARY FOR SEPTEMBER 1985

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	91	\$6,417,082.60
Engineering Experiment Station	58	\$ 450,725.00
Total		\$6,867,807.60

The Ohio State University Development Fund

Establishment of Named Funds

The Andersons Agricultural Advancement Fund (Support activities in the College of Agriculture)	\$ 861,000.00
The Fred N. VanBuren Professorship in Farm Management (College of Agriculture)	\$ 200,000.00
The Ray A. and Robert L. Kroc Lectureship in the College of Medicine (Advancement of rheumatic and connective tissue diseases research)	\$ 50,000.00

October 31 and November 1, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR SEPTEMBER 1985 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

The Harold and Jessie Zieg Ophthalmology Research Fund (Support research projects)	\$ 15,000.00
The Ruby Colflesh Hess Memorial Fund in the College of Education (Benefit secondary education program)	\$ 6,000.00
The Julie Price Memorial Scholarship Fund in Law (Scholarships for students from Knox County)	\$ 5,200.00
Harry E. Phillian Scholarship Award in Architecture Fund (Scholarships for undergraduates)	\$ 5,000.00
The Ivor Spafford Scholarship Fund (Scholarships in Home Economics)	\$ 5,000.00

Change in Description of Named Fund

The Judge William M. Drennen Award Fund

Report from Presidents Club

Members to date	5,141
1985-86 members: fiscal year to date	61
New members - September 1985	23

New Presidents Club Members - September 1985

Frances T. Baldwin	Edward J. Kosnik
Richard Barattini	John R. Lindsey
Jim E. Carter	Donald B. Miller
Guy Cicchini	David E. Railsback
James J. Cullers	Jerome Schottenstein
Katharine N. Dixon	Press C. Southworth, III
C. William Frysinger	Herman A. Tolbert
John T. Hackett	Mary M. Winter
Hisako Koizumi	

CompuServe (Charles McCall)
Dean & Barry Company (Larry Poulsen)
Parke Hotel Management Corporation of Ohio (John Self)
Parke University Hotel (Caren Zaft)
Westinghouse Electric Corporation (James D. Cassady)
Yassenoff Foundation, Inc.

October 31 and November 1, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

REPORT - SEPTEMBER 1985

Federal Research Contracts/Grants

\$373,000.00 - Department of Education, Office of Educational Research and Improvements, Washington, DC, ERIC Clearinghouse on Adult, Career and Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 14 September 1985 through 13 September 1986. (Project 764387 - Continuation)

\$355,208.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Transmural Transport in Blood Vessels, Department of Pathology and College of Medicine - Administration (D. L. Fry), 1 September 1985 through 31 August 1986. (Project 763184 - Continuation)

\$193,823.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Population and Evolutionary Genetics of Organelles, Department of Genetics (C. W. Birky, Jr. and P. A. Fuerst), 5 September 1985 through 31 August 1986. (Project 764994 - New)

\$190,108.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, VA, Radar Cross Section Studies, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters, Jr. and W. D. Burnside), 1 May 1985 through 30 April 1986. (Project 761608 - Continuation)

\$158,832.00 - Environmental Protection Agency, Research Triangle Park, NC, Evaluation of Carcinogen-Induced Transformation of Normal Human Fibroblasts, Department of Physiological Chemistry and Cancer Research Center (G. E. Milo), 15 September 1985 through 14 September 1986. (Project 765021 - New)

\$151,212.00 - National Science Foundation, Washington, DC, Design and Management of Flexible Electronic Assembly Systems, Department of Industrial and Systems Engineering (W. E. Wilhelm, Jr.), 1 September 1985 through 30 November 1987. (Project 764982 - New)

\$140,000.00 - Department of Agriculture, Washington, DC, Estrogenic Alteration of Uterine Activity Affecting Embryo Survival in Swine, Department of Animal Science - OARDC and Department of Animal Science (W. F. Pope), 15 September 1985 through 30 September 1988. (Project 765030 - New)

October 31 and November 1, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$129,340.00 - Department of Education, Rehabilitation Services Administration, Chicago, IL, Training Grant in Physical Medicine and Rehabilitation, Department of Physical Medicine (E. Johnson), 1 September 1985 through 31 August 1986. (Project 765014 - Continuation)

\$117,530.00 - Environmental Protection Agency, Washington, DC, Virulence of Subtypes of Legionella pneumophila, Department of Medicine (J. F. Plouffe and M. F. Para), 16 September 1985 through 15 September 1986. (Project 765019 - New)

\$116,590.00 - National Science Foundation, Washington, DC, Ice Dynamics on the Marie Byrd Land Slope: A Part of WISP, Institute of Polar Studies and Department of Geology and Mineralogy (I. M. Whillans), 1 September 1985 through 31 August 1986. (Project 763556 - Continuation)

\$112,478.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Cardiopulmonary Actions - Trimetoquinol Analogs, College of Pharmacy (D. D. Miller and D. R. Feller), 1 September 1985 through 31 August 1986. (Project 761574 - Continuation)

\$110,000.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, DC, Strength and Structure of $Ga_{1-x}In_x$ as Alloys, Department of Ceramic Engineering (K. T. Faber) and Department of Metallurgical Engineering (J. P. Hirth), 1 September 1985 through 31 August 1986. (Project 764977 - New)

\$100,000.00 - Department of Agriculture, Washington, DC, Isolation and Structural Organization of the Chicken Gonadotrophic Hormone Growth, Department of Poultry Science (D. N. Foster, K. I. Brown and W. L. Bacon), 1 September 1985 through 31 August 1987. (Project 764970 - New)

\$99,527.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Excitatory Amino Acids in the Nucleus Accumbens, College of Pharmacy (N. J. Uretsky), 9 September 1985 through 31 August 1986. (Project 765017 - New)

\$97,801.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, The Neural Control of Temperature Regulations, Department of Physiology (J. A. Boulant), 1 September 1985 through 31 August 1986. (Project 761187 - Continuation)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$94,415.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Mechanisms of Hexose Epimerases and Oxidoreductases, Department of Chemistry (R. M. Mayer and H. G. Floss), 17 September 1985 through 31 August 1986. (Project 765015 - New)

\$94,000.00 - Department of Commerce, Economic Development Administration, Washington, DC, An Analysis of the Causes of Community Level Low Income and High Poverty, Department of Sociology (K. P. Schwirian), 1 September 1985 through 31 August 1986. (Project 764995 - New)

\$78,610.00 - Smithsonian Institution, Washington, DC, Ecology of a Semitropical, Monsoonal Wetland in India (Bharatpur): I. Role of Seed Banks in Vegetation Development and II. Structure and Function of the Litter Compartment, School of Natural Resources (C. B. Davis), 1 September 1985 through 30 April 1987. (Project 765027 - New)

\$76,222.00 - Department of Agriculture, Forest Service, Broomall, PA, Element Analysis of Tree Rings in Relation to Soils and Atmospheric Deposition, Department of Environmental Studies - OARDC (J. R. McClenahan) and Forestry Division - OARDC (J. P. Vimmerstedt), 1 July 1985 through 30 June 1988. (Project 765008 - New)

\$74,859.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Function of the Enteric Nervous System, Department of Physiology (J. D. Wood), 1 September 1985 through 30 April 1986. (Project 765012 - New)

\$73,508.00 - Department of Education, Office of Postsecondary Education, Washington, DC, Basic Romanian Textbook, Self-Correcting Student Workbook, Audio Tapes and Accompanying Laboratory Manual, Department of Slavic and East European Languages and Literatures (R. Botoman), 20 July 1985 through 30 June 1986. (Project 764987 - New)

\$73,000.00 - National Science Foundation, Washington, DC, Characterization of Cognitive Strategies Used in Mechanical Design, Department of Engineering Graphics (M. B. Waldron) and Department of Mechanical Engineering (K. J. Waldron), 1 September 1985 through 31 August 1986. (Project 765022 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$71,900.00 - Department of Education, Office of Postsecondary Education, Washington, DC, Cooperative Education Administration Program, Colleges of the Arts and Sciences - Administration (T. Willke), 1 September 1985 through 31 August 1986. (Project 764971 - Continuation)

\$69,234.00 - National Endowment for the Humanities, Washington, DC, War and Peace as a Universal Novel, Department of Slavic and East European Languages and Literatures (F. R. Silbajoris), 1 October 1985 through 30 September 1986. (Project 765025 - New)

\$68,062.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Neural Regulation of Intestinal Mucosa, Department of Physiology (H. J. Cooke), 1 August 1985 through 30 June 1986. (Project 765011 - New)

\$67,342.00 - Department of the Navy, Office of Naval Research, Washington, DC, The Bandwidth Performance of Bootlace Lens Adaptive Arrays, Department of Electrical Engineering, ElectroScience Laboratory (R. T. Compton, Jr.), 31 August 1985 through 30 August 1986. (Project 764988 - New)

\$61,859.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Parameter Identification of Human Postural Control, Department of Otolaryngology (K. Barin), 1 September 1985 through 31 August 1986. (Project 764984 - New)

\$55,648.00 - Department of the Army, Army Tank - Automotive Command, Warren, MI, A Mobility System Design Study for an Agile Automatic Land Vehicle, Department of Electrical Engineering (R. B. McGhee) and Department of Mechanical Engineering (K. F. Waldron), 1 November 1985 through 31 October 1986. (Project 764306 - Continuation)

\$54,442.00 - Department of the Army, Army Material Command, Redstone Arsenal, AL, Radar Cross Section (RCS) Prediction Code Development and Modification, Department of Electrical Engineering, ElectroScience Laboratory (R. J. Marhefka), 1 October 1985 through 30 September 1986. (Project 763828 - Continuation)

\$54,000.00 - National Science Foundation, Washington, DC, A Computer Facility for Real-Time Control Studies, Department of Electrical Engineering (U. Ozguner), 15 September 1985 through 31 August 1986. (Project 764990 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$52,200.00 - Department of Agriculture, Washington, DC, Acidic Deposition Histories Using Multi-Elemental Tree-Ring Analysis, Department of Environmental Studies - OARDC (J. R. McClenahan), 1 September 1985 through 31 August 1988. (Project 765001 - New)

\$50,525.00 - Department of Education, Office of Postsecondary Education, Washington, DC, An Analysis of Secondary School Students' Proficiency Levels in Reading Unedited Materials in French, Spanish, or German, Department of Educational Theory and Practice (E. D. Allen and E. B. Bernhardt), 1 September 1985 through 31 August 1986. (Project 764978 - New)

\$40,000.00 - Department of Housing and Urban Development, Washington, DC, Proposal for Research Project on Controlling FNMA Risk-Taking, Academic Faculty of Finance and Department of Economics (E. J. Kane), 3 December 1984 through 30 August 1985. (Project 764949 - New)

\$30,000.00 - Department of Energy, Pittsburgh Energy Technology Center, Pittsburgh, PA, Bed Porosity in High Pressure Fluidization, Department of Chemical Engineering (L. S. Fan), 1 October 1985 through 30 September 1986. (Project 765013 - New)

\$26,738.00 - Department of Agriculture, Washington, DC, Effects of Acid Precipitation on Arthropod Fauna, Department of Entomology - OARDC (B. R. Stinner), 1 September 1985 through 31 August 1986. (Project 764999 - New)

\$23,319.00 - National Science Foundation, Washington, DC, Modeling, Control and Simulation of Human Development, Department of Electrical Engineering (H. Hemami), 1 July 1985 through 31 December 1985. (Project 763112 - Continuation)

\$22,571.00 - Department of Health and Human Services, Public Health Service, National Institutes of Mental Health, Rockville, MD, Minority Students in Community Mental Health, College of Social Work (K. V. Harper), 1 July 1985 through 30 June 1986. (Project 764271 - Continuation)

\$20,004.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Radical Tandem Cyclization, Department of Chemistry (L. A. Paquette and J. R. Peterson), 1 September 1985 through 31 August 1986. (Project 764975 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$20,000.00 - Department of Energy, Argonne, IL, University Reactor Sharing Program, Engineering Experiment Station (R. D. Myser), 1 September 1985 through 31 August 1986. (Project 762411 - Continuation)

\$16,824.00 - Department of Education, Office of Special Education Rehabilitation Services, Washington, DC, Rehabilitation Long-Term Traineeships, Department of Communication (H. Oyer), 1 September 1985 through 31 August 1986. (Project 764355 - Continuation)

\$10,552.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, MD, National Research Service Award, School of Health, Physical Education and Recreation (R. L. Bartels and B. A. Smith), 15 September 1985 through 14 September 1986. (Project 763806 - Continuation)

\$10,000.00 - Department of Agriculture, Economic Research Service, Washington, DC, Development of Farm Firm Level Basis for Analyzing and Estimating Changes in Farm Balance Sheets by Type and Size of Farm, Department of Agricultural Economics and Rural Sociology - OARDC and Department of Agricultural Economics and Rural Sociology (D. L. Forster) and Department of Agricultural Economics and Rural Sociology - OARDC and Cooperative Extension State Operations (R. D. Duvick), 1 October 1986 through 31 January 1987. (Project 764542 - New)

\$6,870.00 - Environmental Protection Agency, Chicago, IL, Acid Deposition Monitoring Program for Western Lake Erie, Center for Lake Erie Area Research (C. E. Herdendorf and J. M. Reutter), 1 July 1985 through 30 June 1986. (Project 763579 - Continuation)

\$3,900.00 - National Endowment for the Arts, Washington, DC, Media Arts/Exhibition Center, College of The Arts - Administration (J. W. Green), 1 January 1985 through 31 December 1985. (Project 764979 - New)

\$3,210.00 - General Accounting Office, Washington, DC, United States General Accounting Office (GAO) Advisory Committee Membership, National Regulatory Research Institute (D. N. Jones), 1 October 1984 through 30 June 1986. (Project 764105 - Continuation)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$970.00 - Department of the Army, Army Corps of Engineers, Vicksburg, MS, Effects of Blast Loading on Reinforced Concrete Structures, Department of Civil Engineering (W. E. Wolfe), 1 November 1984 through 14 September 1985. (Project 764569 - Continuation)

Computer Time - National Science Foundation, Washington, DC, Computational Study of Combustion, Department of Mechanical Engineering (S. Nakamura), 1 October 1985 through 30 September 1986. (Project 764997 - New)

Computer Time - National Science Foundation, Washington, DC, Exploratory Development of Solutions to Complex Problems Using a Supercomputer Environment, Department of Civil Engineering (R. S. Sandhu), 1 October 1985 through 30 September 1986. (Project 764998 - New)

Computer Time - National Science Foundation, Washington, DC, Natural Convection in a Shallow Cavity, Department of Mechanical Engineering (S. A. Korpela), 1 October 1985 through 30 September 1986. (Project 765003 - New)

Computer Time - National Science Foundation, Washington, DC, Resonance Phenomena in Electron-Molecule Collisions, Department of Chemistry (C. W. McCurdy), 15 August 1985 through 15 August 1986. (Project 763440 - Continuation)

Computer Time - National Science Foundation, Washington, DC, Supercomputer Access to Develop Numerical Schemes to Generate Three-Dimensional Orthogonal Grids, Department of Mechanical Engineering (S. Nakamura), 1 October 1985 through 30 September 1986. (Project 764996 - New)

Computer Time - National Science Foundation, Washington, DC, Unsteady Combustion, Department of Mechanical Engineering (L. A. Kennedy), 1 October 1985 through 30 September 1986. (Project 765004 - New)

TOTAL - FEDERAL AWARDS \$3,850,233.00

State of Ohio Research Contracts/Grants

\$96,000.00 - State of Ohio, Public Utilities Commission, Columbus, OH, Telecommunications Technical Assistance, National Regulatory Research Institute (D. N. Jones), 1 July 1985 through 30 June 1986. (Project 763772 - Continuation)

October 31 and November 1, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$29,307.00 - State of Ohio, Department of Natural Resources, Columbus, OH, The Vascular Flora of Ohio, Volume 2, Department of Botany (T. F. Stuessy), 9 September 1985 through 30 September 1986. (Project 764980 - New)

\$7,832.00 - State of Ohio, Department of Mental Health, Columbus, OH, Severely Mentally Disabled Homeless: The Process of Moving into and Living in Unstable Conditions after Psychiatric Hospitalization, College of Social Work (B. Toomey), 1 September 1985 through 31 August 1986. (Project 764973 - New)

\$7,000.00 - State of Ohio, Department of Mental Health, Columbus, OH, Graduate Nurse Training Grant, Department of Family and Community Nursing (J. A. Clement), 1 July 1985 through 30 June 1986. (Project 763956 - Continuation)

\$4,456.00 - State of Ohio, Department of Mental Health, Columbus, OH, Stability and Change in Social Relations of Children with and without Learning Disabilities: Social Status, Perceived Social Competence, Conceptions of Friendship and Social Behavior in the Classroom, Department of Psychology (F. Serafica), 1 August 1985 through 30 June 1986. (Project 764986 - New)

TOTAL - STATE OF OHIO AWARDS \$ 144,595.00

Industrial Research Contracts/Grants

\$410,330.00 - Pennwalt Corporation, King of Prussia, PA, Genetic Improvement of Biological Pesticides, Department of Microbiology (D. H. Dean), 1 September 1985 through 31 August 1987. (Project 763256 - Continuation)

\$50,000.00 - Boeing Company, Seattle, WA, Band Pass Radome Research, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 20 June 1985 through 31 December 1985. (Project 764922 - New)

\$29,805.60 - Hoechst-Roussel Pharmaceuticals, Inc., North Somerville, NJ, The Effect of Food on the Pharmacokinetics of a Single Oral Dose of Merital^R in Normal Male, Department of Pharmacology (N. Gerber), 1 September 1985 through 30 June 1986. (Project 764001 - Continuation)

\$20,088.00 - Bristol-Myers Company, New York, NY, Studies of the Mechanism of Platinol (Cisplatin) Induced Emesis-Enteric Neuropathy in Platinol Chemotherapy, Department of Physiology (J. D. Wood), 1 September 1985 through 31 August 1986. (Project 764976 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$18,110.00 - Boehringer-Ingelheim, Ridgefield, CT, Determination of WE-941 in Human Plasma Samples, College of Veterinary Medicine - Administration (R. A. Sams), 1 August 1985 through 31 January 1986. (Project 764993 - New)

\$18,000.00 - Owens Illinois, Inc., Columbus, OH, Owens Illinois Video Tape Lotus Project, College of Education - Administration (J. J. Buffer), 3 September 1985 through 31 October 1985. (Project 765009 - New)

\$15,000.00 - American Matrix, Inc., Tampa, FL, Stereological Computer-Assisted Fluorometry: Development of Techniques for Analysis of Biological Material, College of Pharmacy (J. M. Jagadeesh), 1 December 1982 through 30 September 1985. (Project 763373 - Continuation)

\$12,000.00 - RCA Service Company, Cherry Hill, NJ, Management Consultation in Turkey, The National Center for Research in Vocational Education (R. E. Taylor), 13 July 1985 through 30 August 1985. (Project 765005 - New)

\$11,686.00 - DeVry Institute of Technology, Columbus, OH, Student Personnel in Higher Education, Department of Educational Policy and Leadership (R. F. Rodgers), 1 September 1985 through 31 May 1986. (Project 764954 - New)

\$9,088.00 - World Book Encyclopedia, Chicago, IL, Graduate Student Practicum, Department of Human Services Education (T. M. Stephens), 1 October 1985 through 30 September 1986. (Project 764966 - New)

\$9,000.00 - Thompson Seed Farm, Inc., Delphos, OH, Micropropagation and Cloning of Soybean for Increased Tolerance for Root Rot, Department of Plant Pathology - OARDC (A. F. Schmitthenner), 1 May 1985 through 30 April 1988. (Project 764887 - Continuation)

\$9,000.00 - Wellman Seeds, Inc., Delphos, OH, Micropropagation and Cloning of Soybean for Increased Tolerance for Root Rot, Department of Plant Pathology - OARDC (A. F. Schmitthenner), 1 May 1985 through 30 April 1988. (Project 764887 - Continuation)

\$7,787.00 - DeVry Institute of Technology, Columbus, OH, Student Personnel in Higher Education, Department of Educational Policy and Leadership (R. F. Rodgers), 1 September 1985 through 31 May 1986. (Project 764953 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$5,500.00 - Astra Lakemedel AB, Sodertalje, Sweden, Dosage Form Design and Development, College of Pharmacy (S. G. Frank), 1 January 1985 through 31 December 1985. (Project 762165 - Continuation)

\$2,001.00 - Smith Kline and French Laboratories, Philadelphia, PA, Maintenance of Patients on Auranofin Therapy, Department of Medicine (R. L. Whisler), 1 March 1985 through 28 February 1986. (Project 765002 - New)

Equipment - Xerox Corporation, Palo Alto, CA, Equipment Request for Xerox Corporation, Department of Computer and Information Science (B. Chandrasekaran and S. Mamrak), 1 September 1985 through 2 September 1985. (Project 764969 - New)

TOTAL - INDUSTRIAL AWARDS \$ 627,395.60

Other Non-Federal Research Contracts/Grants

\$1,339,000.00 - National Association of Regulatory Utility Commissioners, Washington, DC, The Research and Assistance Plan and Budget for the National Regulatory Research Institute: The Business Plan for 1986, National Regulatory Research Institute (D. N. Jones), 1 September 1985 through 31 August 1986. (Project 763289 - Continuation)

\$143,733.00 - Southeastern Center for Electrical Engineering Education, St. Cloud, FL, A Theoretical and Empirical Investigation of the Additivity Property in Applications of Conjoint Measurement Methodology, Department of Psychology (T. Nygren), 25 April 1985 through 25 April 1987. (Project 764974 - New)

\$84,256.00 - Indiana University, Bloomington, IN, Malaysia Cooperative Program, Department of Communication (G. Berquist), 1 August 1985 through 15 August 1986. (Project 764972 - New)

\$62,758.00 - California Institute of Technology, Pasadena, CA, Application of Nonlinear Least Squares Methods to the Analysis of Laboratory Spectra and Solar Spectra, Department of Physics (J. H. Shaw), 7 June 1985 through 31 July 1986. (Project 764155 - Continuation)

\$53,429.00 - The Private Industry Council of Columbus and Franklin County, Inc., Columbus, OH, The Development of an Analysis of Need for the Private Industry Council of

October 31 and November 1, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

Columbus and Franklin County, Inc., The National Center for Research in Vocational Education (R. E. Taylor), 18 September 1985 through 17 February 1986. (Project 765024 - New)

\$28,304.00 - Islamic Centre for Technical and Vocational Training and Research, Dhaka, Bangladesh, Customized Program for the Islamic Centre for Technical and Vocational Training and Research, The National Center for Research in Vocational Education (R. E. Taylor), 5 September 1985 through 31 December 1985. (Project 764983 - New)

\$19,962.00 - Southeastern Center for Electrical Engineering Education, St. Cloud, FL, Studies Related to the Earth's Gravity Field and the Determination of Improved Reference Frames, Department of Geodetic Science and Surveying (R. H. Rapp), 16 August 1985 through 17 January 1986. (Project 764957 - New)

\$14,499.00 - Family Health Foundation of America, Kansas City, MO, The Determination of the Incidence of Legionella Infection in Ambulatory Lower Respiratory Tract Infections, Department of Family Medicine (R. M. Guthrie), 1 October 1985 through 30 September 1986. (Project 765018 - New)

\$12,457.00 - Ministry of Education, Kuala Lumpur, Malaysia, Malaysia Staff Development Project, The National Center for Research in Vocational Education (R. E. Taylor), 15 September 1985 through 14 December 1985. (Project 765000 - New)

\$10,000.00 - Electric Power Research Institute, Palo Alto, CA, Simultaneous Chromizing-Aluminizing of Steels, Department of Metallurgical Engineering (R. A. Rapp), 1 September 1984 through 31 August 1985. (Project 763292 - Continuation)

\$5,835.00 - Arts Midwest, Minneapolis, MN, Alvin Ailey American Dance Theatre, Merston Auditorium (T. M. VanLeer), 17 April 1986 through 19 April 1986. (Project 764992 - New)

\$4,620.00 - Family Health Foundation of America, Kansas City, MO, Child's Perception of Family Environment, Department of Family Medicine (R. T. Sickles), 1 July 1985 through 30 June 1986. (Project 765010 - New)

\$4,400.00 - Columbus Department of Public Safety, Columbus, OH, Vision Standards for the Police and Fire Department Applicants, College of Optometry (G. W. Good), 9 September 1985 through 8 December 1985. (Project 765006 - New)

October 31 and November 1, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$3,600.00 - Battelle Memorial Institute, Columbus, OH, Interdisciplinary Research on Wear of Materials, Department of Metallurgical Engineering (D. A. Rigney), 1 August 1985 through 31 December 1985. (Project 764981 - New)

\$3,006.00 - Columbus Civil Service Commission, Columbus, OH, Vision Standards for the Police and Fire Department Applicants, College of Optometry (G. W. Good), 9 September 1985 through 8 December 1985. (Project 765007 - New)

\$2,500.00 - Ohio Pork Producers Council, Westerville, OH, Equipment Needs to Conduct Sow Research - Reproductive Improvement, Department of Animal Science - OARDC (D. C. Mahan), 1 January 1985 through 31 December 1985. (Project 765026 - New)

\$1,750.00 - Greater Columbus Arts Council, Columbus, OH, The Ohio Journal: A Folio of Thurber Arts, Department of English (W. Allen), 1 October 1984 through 30 March 1985. (Project 765020 - New)

\$750.00 - Sigma Delta Epsilon, Bethesda, MD, The Effect of Moderately Prolonged Aerobic Exercise on in Vivo Platelet Release: Radioimmunoassay of Platelet Factor 4 and Beta-Thromboglobulin, School of Allied Medical Professions (S. V. Rudmann), 1 July 1985 through 30 June 1986. (Project 764989 - New)

TOTAL - OTHER NON-FEDERAL AWARDS \$1,794,859.00

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

\$252,151.00 - Ohio Department of Development, Thomas Alva Edison Partnership Program, Columbus, OH; and Scantech, Santa Fe, NM, and Columbus, OH, "Research and Development Leading to a Digital X-Ray System for Use in Industrial Applications," Department of Mechanical Engineering, 15 September 1985 through 15 March 1987. (312853)

Industrial and Other Sponsored Research and Development

\$242,350.00 - Chrysler Corporation, Detroit, MI, "An Investigation of Gear Rattle," Department of Mechanical Engineering, 16 September 1985 through 15 March 1988. (529684)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION (contd)

Industrial and Other Sponsored Research and Development
(contd)

\$61,700.00 - General Electric Company, Cincinnati, OH, "F110 Engine Simulator and Test Cell Model Test," Department of Aeronautical and Astronautical Engineering, 1 September 1984 through 31 December 1985. (312819 - Ext. 4)

\$46,497.00 - from 36 sponsors of 51 development projects under the direction of four engineering departments.

\$38,400.00 - Supplies and Services/Canada, Dartmouth, Nova Scotia, "High Reynolds Number Wind Tests of Four Selected Hydrodynamic Sections," Department of Aeronautical and Astronautical Engineering, 8 August 1985 through 31 March 1986. (312854)

\$32,650.00 - System Industries, Milpitas, CA, "Design and Development of an SI/Cluster Using the Ethernet Emulation of PADRIVER and VAX/VMS 14," Department of Engineering Graphics, 1 July 1985 through 30 June 1986. (312855)

\$20,000.00 - Varian/Speciality Metals Division, Grove City, OH, "Varian Research Grant/Edison Partnership Program," Department of Metallurgical Engineering, 1 October 1985 through 31 March 1987. (529685)

\$9,128.00 - McDonnell Douglas Astronautics Company, Huntington Beach, CA, "Evaluate Coaxial Vision System for Application to Specified Aluminum and Titanium Weld Joints," Department of Welding Engineering, 5 August 1985 through 14 November 1985. (312857)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 450,725.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

The Andersons Agricultural Advancement Fund

The Andersons Agricultural Advancement Fund was established November 1, 1985, by the Board of Trustees of The Ohio State University with a gift from The Andersons, a prominent agricultural grain and supply firm, headquartered in Maumee, Ohio.

The gift shall be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as the occasion dictates.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Andersons Agricultural Advancement Fund (contd)

The annual income from this fund shall be used to support innovative and creative activities that will strengthen and enhance the ability of the College of Agriculture and its related units to carry out its mission in an exemplary manner. The specific use of the fund shall be determined each year by the Vice President for Agricultural Administration.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees with preference being given to the recommendations of the appropriate University officials then responsible for agricultural teaching, research and extension.

The Fred N. VanBuren Professorship in Farm Management

The Fred N. VanBuren Professorship in Farm Management was established November 1, 1985, by the Board of Trustees of The Ohio State University through a bequest to The Ohio State University Development Fund from the estate of Fred N. VanBuren.

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

The annual income shall be used to support the work of one or more outstanding professors in the College of Agriculture in the area of farm management. The income may be used to supplement the salary of one or more outstanding scholars, enrich the curriculum of farm management classes or to fund other activities that will significantly enhance the teaching of farm management at The Ohio State University for the benefit of both students and farm clientele of the University's programs.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate University official who is then responsible for agricultural instruction.

October 31 and November 1, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

**The Ray A. and Robert L. Kroc Lectureship
in the College of Medicine**

The Ray A. and Robert L. Kroc Lectureship in the College of Medicine was established November 1, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Kroc Foundation.

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

The annual income shall be used to support a lectureship or visiting scientist at The Ohio State University College of Medicine and is intended for the advancement of rheumatic and connective tissue diseases research, diabetes and other endocrine diseases research as well as multiple sclerosis and other neurological disease research.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income must be used for medical research in the areas of rheumatic and connective tissue diseases, diabetes and other endocrine diseases as well as multiple sclerosis and other neurological diseases as determined by the Dean of the College of Medicine.

**The Harold and Jessie Zieg Ophthalmology
Research Fund**

The Harold and Jessie Zieg Ophthalmology Research Fund was established November 1, 1985, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Harold (B.S.Bus.Adm., '32) and Jessie Zieg of Columbus, Ohio.

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

The annual income will be used to support the research projects of the Department of Ophthalmology. The principal can be drawn upon in the event of an urgent, non-routine need within the Department in the best judgment of the Chairperson.

October 31 and November 1, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

**The Harold and Jessie Zieg Ophthalmology
Research Fund (contd)**

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income shall be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Medicine.

**The Ruby Colflesh Hess Memorial Fund
in the College of Education**

The Ruby Colflesh Hess Memorial Fund in the College of Education was established November 1, 1985, by the Board of Trustees of The Ohio State University with a gift from John Frederick Hess, B.S.Ad. '36, in memory of his wife, Ruby Colflesh Hess, B.S.Ed. '28; M.A., Education, '51.

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

The annual income is to be used for the benefit of the secondary education program in the Department of Theory and Practice, College of Education, in the areas of greatest need which would benefit many students. This may include such items as instructional materials and equipment, laboratory materials and equipment, and classroom innovations. Expenditure decisions are to be made by the Chairperson of the Department of Theory and Practice in conjunction with the Dean of the College of Education.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the secondary education program.

October 31 and November 1, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Julie Price Memorial Scholarship Fund in Law

The Julie Price Memorial Scholarship Fund in Law was established November 1, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the family and friends of Julie Price, B.A., Humanities, '81; J.D., Law, '84.

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

The annual income is to be used for financial aid for one or more students enrolled in the College of Law who have a demonstrated financial need. First preference will be given to female students who are from Knox and its contiguous counties. Second preference will be given to male students from this same geographical area. Selection of the award recipients will be made by the College of Law Admissions and Financial Aid Committee in consultation with the University Committee on Student Financial Aid.

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

**Harry E. Phillian Scholarship Award
in Architecture Fund**

The Harry E. Phillian Scholarship Award in Architecture Fund was established November 1, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the friends of Harry E. Phillian, Professor Emeritus, B.S.Arch. '38.

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

The annual income shall be awarded to one or more outstanding undergraduate architecture students who have completed their junior year course work in the Architecture

October 31 and November 1, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Harry E. Phillian Scholarship Award
in Architecture Fund (contd)

program. Selection of the award recipients will be made by the Chairperson of the Department of Architecture in consultation with the University Committee on Student Financial Aid and based primarily on merit.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for architecture education.

The Ivor Spafford Scholarship Fund

The Ivor Spafford Scholarship Fund was established November 1, 1985, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from E. A. Spafford, B.S.Agr. '25, of Footville, Ohio, in memory of his sister, Ivor Spafford, Ph.D., Education, '35.

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

The annual income is to be used to fund one or more undergraduate scholarships in the College of Home Economics. Preference is to be given to students from Ashtabula County. The scholarship is to be awarded by the University Committee on Student Financial Aid upon the recommendation of the College of Home Economics Scholarship Committee.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendation of the Dean of the College of Home Economics.

October 31 and November 1, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Description of Named Fund

The Judge William M. Drennen Award Fund

The Judge William M. Drennen Award Fund was established by the Board of Trustees of The Ohio State University on February 6, 1981, with gifts to The Ohio State University College of Law from former law clerks to Judge Drennen (J.D., '38), and others, to honor his many years of service as a judge on the United States Tax Court. The description was changed November 1, 1985.

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

The annual income is to be used to recognize the senior student who has attained the highest numerical grade average in the courses at the College of Law that deal exclusively with tax. Such courses shall be designated each year by the Dean in consultation with faculty who teach tax courses.

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

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**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 86-51

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Administration to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

October 31 and November 1, 1985 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

WEXNER CENTER FOR THE VISUAL ARTS - PHASE I

Description: This portion of the project provides for the relocation of the Mershon Auditorium loading dock. This is necessary in order to keep Mershon Auditorium operational during the construction of the main building of the Wexner Center for the Visual Arts. Groundbreaking was held September 28, 1985, with completion of the loading dock expected by summer of 1986.

General Contract

Date Received:	September 18, 1985
No. of Bids:	4
Low Bid:	\$1,075,000.00+
High Bid:	\$1,223,000.00
Estimate of Cost:	\$ 980,060.00
Awarded to:	Vesta Construction Co., Bellefontaine, OH

Plumbing Contract

Date Received:	September 18, 1985
No. of Bids:	2
Low Bid:	\$ 22,000.00
High Bid:	\$ 24,377.00
Estimate of Cost:	\$ 29,340.00
Awarded to:	R. M. Giehl Inc., Columbus, OH

Fire Protection Contract

Date Received:	September 18, 1985
No. of Bids:	1
Low Bid:	\$11,128.00+

+General and Fire Protection Contracts are in excess of filed estimate of cost; however, the total price of all contracts is 5% over the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code.

October 31 and November 1, 1985 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

WEXNER CENTER FOR THE VISUAL ARTS - PHASE I (contd)

Fire Protection Contract (contd)

Estimate of Cost:	\$ 8,790.00
Awarded to:	S. A. Comunale Co., Akron, OH

HVAC Contract

Date Received:	September 18, 1985
No. of Bids:	2
Low Bid:	\$45,000.00
High Bid:	\$46,769.00
Estimate of Cost:	\$77,130.00
Awarded to:	R. M. Giehl, Inc., Columbus, OH

Electric Contract

Date Received:	September 18, 1985
No. of Bids:	5
Low Bid:	\$29,485.00
High Bid:	\$39,000.00
Estimate of Cost:	\$33,720.00
Awarded to:	Royal Electric Construction, Columbus, OH

Total All Contracts: \$1,182,613.00

Total Contingency Allowance: \$ 59,133.11 (which is 5% of
construction costs)

Total Phase I Project Cost: \$1,258,925.00

Funding: University Funds

EVANS LABORATORY ROOF REPLACEMENT

Description: This project provides for the removal of approximately 3,600 square feet of built-up roof felts and gravel on the second floor west side of Evans Laboratory and its replacement with a new four-ply coal tar pitch roof and gravel. Work is scheduled to begin late November 1985

October 31 and November 1, 1985 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

EVANS LABORATORY ROOF REPLACEMENT (contd)

(weather permitting); otherwise, work will begin in May 1986. Work is to be completed within thirty days from start of construction.

General Contract

Date Received:	July 23, 1985
No. of Bids:	2
Low Bid:	\$21,989.00
High Bid:	\$26,335.00
Estimate of Cost:	\$26,900.00
Awarded to:	Nationwide Roofing & Sheet Metal, Dayton, OH

Total All Contracts: \$21,989.00

Total Contingency Allowance: \$ 1,759.30 (which is 8% of construction costs)

Total Project Cost: \$25,096.00

Funding: University Funds (B/A 210134)

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

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

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**SALE OF A PORTION OF THE MOORES DEMONSTRATION FARM
ASHLAND COUNTY, OHIO**

Resolution No. 86-52

Synopsis: Sale of approximately 6.5 acres of the Ernest Q. Moores Demonstration Farm in Ashland County, Ohio, is proposed.

October 31 and November 1, 1985 meeting, Board of Trustees

**SALE OF A PORTION OF THE MOORES DEMONSTRATION FARM
ASHLAND COUNTY, OHIO (contd)**

WHEREAS in 1964 the Board of Trustees of The Ohio State University acquired by gift from Florence O. Wilson a dairy farm of approximately 182 acres, known as the Ernest Q. Moores Demonstration Farm, and in 1974 acquired the adjoining 120 acres by purchase from funds donated by Ms. Wilson; and

WHEREAS under the administration of the College of Agriculture, the Moores Farm has been operated continuously and successfully over the last 21 years to demonstrate improved production and management practices in the operation of a small dairy farm, and the Moores Farm currently is operated by a tenant through a lease arrangement; and

WHEREAS the College of Agriculture has determined that the operation of this dairy demonstration farm no longer is required in support of the academic programs of the College and that the farm should be sold with the net proceeds used to establish the Ernest Q. Moores Agricultural Fund, the income of which would be used to support the instructional, research, and public service programs of the College; and

WHEREAS the University has begun efforts to market the Moores Farm and has received an offer from Mr. and Mrs. Randolph Goudy, of Mohican Township of Ashland County, to purchase approximately 6.5 acres of the Farm at a price of \$1,100.00 per acre; and

WHEREAS the appropriate University offices have determined that the sale of the Moores Demonstration Farm is in the best interest of the University:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sell, in the name of the Board of Trustees, all of the University's right, title, and interest in and to the 6.5 acre portion of the Moores Farm to Mr. and Mrs. Randolph Goudy at a price of \$1,100.00 per acre upon such terms as are deemed to be in the best interest of the University and that the net proceeds be used to establish the Ernest Q. Moores Agricultural Fund to support the College of Agriculture.

Upon motion of Mr. Berry, seconded by Mr. Teafor, the Board of Trustees adopted the foregoing resolution with six affirmative votes cast by Messrs. Havens, Redman, Berry, Teafor, and Mrs. Bowser and Ms. Casto, and a negative vote by Mr. Barone.

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October 31 and November 1, 1985 meeting, Board of Trustees

EASEMENT
OHIO EDISON COMPANY

Resolution No. 86-53

Synopsis: Authorization to grant an easement to the Ohio Edison Company for installation of electric service is requested.

WHEREAS the Ohio Edison Company has requested a 15-year easement consisting of a strip of land approximately 565 feet in length and 10 feet in width for the installation of electric service to provide electric service to three new buildings currently being constructed for veterinary research at the Alice L. Finley Memorial Center located in Madison County, Ohio; and

WHEREAS the electric lines will serve only University property; and

WHEREAS the appropriate University offices have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

Upon motion of Mr. Berry, seconded by Mrs. Bowser, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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Mr. Galbreath called on Mr. Ihrig to present a report on the budget.

Mr. Ihrig:

Thank you, Mr. Chairman. I would like to combine two parts in this report if I may. The first is to take another step in closing out the last fiscal year's year-end financial report, which is the Non-Mandatory Transfer resolution. That is under the Tab marked Budget in your books. Following that I'll go into the first quarter report on the status of the current year's budget.

Non-Mandatory Transfer from Current Funds is a situation involved with the University Fund

October 31 and November 1, 1985 meeting, Board of Trustees

Mr. Ihrig: (contd)

Accounting System, where we have different fund groups: Current Funds, Plant Funds, Endowment Funds, and Loan Funds (Loan Funds are for student loans). Whenever there are transfers made that are within the University's budget or as a result of remodeling, renovation, or construction decisions made by the Board, there are transfers made into the various fund groups. Most of these go into the Plant Fund group so that we can capitalize the expenditures of both the remodeling facilities and equipment expenditures. Our auditing firm asks that these transfers that occur during the year, as approved individually or within the budget activity, then be brought to this Board annually for your review and approval. That is what we are doing today. There is a total of around \$19.7 million, of which nearly \$18 million are transferred into Plant Funds for various remodeling, construction projects, and equipment purchases.

At this time I would like to submit this Resolution for your review and approval.

Mr. Galbreath:

Thank you, Weldon.

Mr. Teafor:

As a lawyer, I don't really understand anything about accounting, but these are transfers from where?

Mr. Ihrig:

From the Current Funds group, which is the annual operating budget of the University. Endowment Principal Funds would be income generated from Endowment Funds which the Deans of the Colleges decided they wanted to add to the principal for future years income. As for the Loan Funds, the money going into there comes from undesignated scholarship funds and the Student Loan Committee recommends that these funds be made available to provide loans for international students.

Mr. Teafor:

So the Plant Funds come from things like tuition and the State?

October 31 and November 1, 1985 meeting, Board of Trustees

Mr. Ihrig:

Right, all parts of the General Funds income.

Mr. Galbreath:

Any other questions? May I have a motion?

**NON-MANDATORY TRANSFER FROM CURRENT FUNDS
FISCAL YEAR 1984-85**

Resolution No. 86-54

Synopsis: Transfers to Loan Funds, Endowment Principal Funds, Unexpended Plant Funds, Renewals and Replacements Funds-Remodeling and Renovation, and Renewals and Replacements Funds-Repairs and Replacements is being recommended for approval.

WHEREAS non-mandatory transfers from current funds for the fiscal year 1984-85 have been made; and

WHEREAS this accounting procedure is in compliance with the Auditor of State that all transfers made among fund groups during the fiscal year be reported:

NOW THEREFORE

BE IT RESOLVED, That the transfers as detailed in the accompanying report be accepted and approved.

Upon motion of Mrs. Bowser, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

October 31 and November 1, 1985 meeting, Board of Trustees

<u>Account Description</u>	<u>Account Number</u>	<u>Transferred From Account Number</u>	<u>Amount</u>
To: <u>LOAN FUNDS</u>			
International Students	078000	015800	\$ <u>13,000.00</u>
To: <u>ENDOWMENT PRINCIPAL FUNDS</u>			
Endowment Income Reserve	070004	020000	\$ 1,600,000.00
The Harold L. and Audrey Enarson Professorship in Public Policy	071968	015032	28,181.18
The Ohio 4-H Foundation	075354	033590	30,000.00
The Ohio State University Name and Seal Scholarship Fund	075427	015102	80,000.00
C. E. Rowland Memorial Scholarship	076223	026223	<u>500.00</u>
Total Transfers to Endowment Principal Funds			\$ <u>1,738,681.18</u>
To: <u>PLANT FUNDS</u>			
• <u>Unexpended</u>			
Agronomy-Plant Pathology	082043	010058	\$ (331.51)
University Art Center	082055	010058	1,115,000.00
		015018	100,000.00
WOSU TV Metal Building	082059	033227	20,000.00
Finley Farm Building	082064	011052	10,983.80
		050110	36,000.00
Marion Branch Phase III	082065	010956	31,655.00
Horse Barn Replacement	082067	010058	119,840.00
OARDC Lab	082068	010185	<u>56,000.00</u>
Total Unexpended Plant Funds			\$ <u>1,489,147.29</u>
• <u>Renewal and Replacement Funds - Remodeling and Renovation</u>			
Dormitory Contingency Fund	085049	017200	\$ 3,000,000.00
Public Safety Building Remodeling	085067	010058	(8,583.00)
Parking Lot Repairs	085071	010058	1,276.00
		011433	7,417.10
		014001	4,227.06
		016007	300,114.07
North Dormitory Retrofit	085088	016024	(7,111.01)
Housing Commission #3 Retrofit	085169	017300	18,107.80

October 31 and November 1, 1985 meeting, Board of Trustees

<u>Account Description</u>	<u>Account Number</u>	<u>Transferred From Account Number</u>	<u>Amount</u>
• <u>Renewal and Replacement Funds - Remodeling and Renovation (continued)</u>			
Stadium Scholarship Dormitory	085181	017200	988,000.00
Fawcett Center Roof	085182	010058	(16,546.80)
Agriculture Adm 4-H Hall of Fame	085184	033590	(6,088.29)
South Bleachers Stadium	085185	016019	(86,000.00)
Electroscience Laboratory	085188	010058	(809.68)
Farm Science Review Relocation	085196	011083	150,000.00
Entranceways	085200	010058	97,000.00
Hamilton Hall Project	085201	010058	(945.00)
Dental Clinic Renovation	085203	010058	200,000.00
Lab Animal Center Repair	085209	010058	(3,200.00)
Rhodes Hall Atrium	085216	036759	10,880.00
Neilwood Gables	085217	016102	(2,217.00)
Ohio Union Auditorium Seating	085218	016020	(1,730.20)
Cook/Galvin Library Shelving	085221	010928	(6,204.26)
Cunz Hall	085224	010058	(3,781.00)
Gasoline Refuel Facility	085226	010058	(247.75)
Postle Cold Room	085227	010058	(7,799.00)
Evans Lab	085229	010058	(4,995.00)
Energy Conservation			
Scott/Lincoln/Larkin	085230	010058	(38,500.00)
Goss Lab Monorail	085233	010058	4,200.00
Stadium Scoreboard	085236	016550	290,000.00
Dreese Lab	085237	010058	(1,073.00)
Hitchcock Hall	085238	010058	21,476.00
Hopkins Hall	085239	010058	(1,406.00)
Cockins Hall	085242	010058	2,230.00
Campbell Hall	085244	010058	32,940.00
Chemical Waste Incinerator	085245	010058	300,000.00
Aero-Astro	085246	010058	29,180.00
Lima Telephone System	085247	010928	147,252.00
Larkins Hall	085248	010058	50,000.00
		031705	47,500.00
Fontana Lab	085250	010058	76,237.00
Center for Lake Erie Area Research	085251	010058	25,000.00
		016024	75,030.00
Goss Lab	085252	010058	10,785.60
Browning Amphitheatre	085253	010058	25,000.00
		037242	20,000.00
Johnston Lab	085255	010058	56,914.00
Ohio Union Ramp Addition	085256	016007	550,372.08
Postle Hall	085257	010058	92,300.00
Stone Lab Residence Hall	085258	016024	15,000.00
18th Avenue Extension	085259	010058	35,000.00
Boiler Superheater	085260	010058	6,078.21
Johnston Lab	085261	010058	54,503.00
Cockins Hall	085263	010058	38,990.00

October 31 and November 1, 1985 meeting, Board of Trustees

<u>Account Description</u>	<u>Account Number</u>	<u>Transferred From Account Number</u>	<u>Amount</u>
• <u>Renewal and Replacement Funds - Remodeling and Renovation (continued)</u>			
Lincoln BARS Project	085265	010058	92,790.00
Galvin Hall	085266	010928	53,000.00
Service Building Annex	085267	010058	31,000.00
Lincoln Tower	085268	010058	73,935.00
North Medical Ramp Repair	085269	016007	350,000.00
Ohio Union Roof Repair	085270	010058	55,909.00
		016020	71,157.00
Johnston Lab	085271	010058	37,349.00
Vivian Hall	085272	010058	39,033.00
Cockins Hall	085273	010058	28,215.00
Library	085274	010058	31,480.00
164 West 19th Avenue	085275	010058	150,000.00
Goss Lab Incinerator	085279	010058	49,659.00
Graves Hall Lab	085280	010058	43,120.00
Polar Studies (Mendenhall)	085281	010058	49,700.00
Robinson Lab	085282	010058	15,102.00
Johnston Lab	085283	010058	75,426.00
Renovation 14th Lincoln	085286	010058	226,630.00
Renovation 180 Hopkins	085287	010058	46,795.00
Total Remodeling and Renovation			<u>\$ 8,106,072.93</u>
• <u>Renewal and Replacement Funds - Repairs and Replacements</u>			
Admissions	086904	010058	\$ (8,800.00)
Business and Administration	086905	010058	12,892.00
Business Management	086907	010058	28,600.00
Physical Facilities	086909	010058	(197,773.00)
Police	086910	010058	(28,000.00)
Traffic and Parking	086911	016007	168,950.00
Food Facilities	086912	014006	15,500.00
Stores	086913	014001	81,300.00
Laundry	086914	014004	50,000.00
Equipment Repairs	086915	015003	19,500.00
Printing Facility	086916	014002	353,000.00
Bookstore	086918	014100	26,400.00
Physical Facility Improvement	086920	014010	125,441.01
		014011	124,126.94
University Airport	086921	016014	204,083.23
Meats Lab	086922	011072	19,000.00
Fire Safety	086923	010058	15,190.00
Housing Commission #2	086925	016102	5,900.00
University Property	086926	016300	4,900.00
Endowment Property	086927	016350	61,300.00
North Campus Apartment	086928	016390	4,000.00

October 31 and November 1, 1985 meeting, Board of Trustees

<u>Account Description</u>	<u>Account Number</u>	<u>Transferred From Account Number</u>	<u>Amount</u>
• <u>Renewal and Replacement Funds - Repairs and Replacements (continued)</u>			
Property Management	086929	016015	17,000.00
University Property	086930	016300	28,000.00
Endowment Property	086931	016350	78,200.00
North Campus Apartment Housing Commission #2 Improvements	086932	016390	8,800.00
	086934	010058	8,321.06
		016102	6,600.00
Bookstores Improvement	086937	014100	20,000.00
Telecom	086938	011064	67,000.00
Food Facility	086940	014006	108,700.00
Internal Audit	086944	010058	33,500.00
Fawcett Center	086952	016004	25,000.00
Transportation	086964	010058	648,000.00
National Center for Research in Vocational Education	086967	011585	410.60
Lantern	086968	011081	100,134.00
Reprographics	086969	014030	71,700.00
Public Safety	086971	010058	5,000.00
		010999	5,000.00
University Health Service	086973	010058	20,000.00
Registrar	086975	010058	170,000.00
Air Transportation Services	086976	014029	25,766.00
		014100	50,000.00
		014110	50,000.00
		014120	50,000.00
Dental Clinic	086978	011496	(103,494.26)
		010051	(21,505.74)
Reprographics Improvements	086979	014030	25,300.00
Office of University Budget	086980	010058	5,370.00
Office Equipment Repair	086981	014003	29,300.00
Instructional Research Computer Center	086983	010058	770,461.96
Recreation/Intramural	086984	010058	60,000.00
Student Affairs	086985	010058	30,000.00
Archer/Uxley	086986	010058	143,051.75
Lincoln Maintenance	086987	010058	196,821.10
Athletics	086988	016550	188,967.35
Cattle Blood Testing	086989	011006	50,000.00
Recreation/Intramural	086994	010058	(38,850.00)
University Hospitals	086995	019000	<u>4,365,518.73</u>
Total Repairs and Replacements			\$ <u>8,383,582.73</u>
Total Transfers to Renewal and Replacement Funds			\$ <u>16,489,655.66</u>
Total Transfers to Plant Funds			\$ <u>17,978,802.95</u>
Grand Total Non-Mandatory Transfers from Current Funds			\$ <u>19,730,484.13</u>

Non-Mandatory Transfers from Current Funds
Fiscal Year 1984-85
RECAP

	<u>Account Range</u>	<u>Amount</u>
LOAN FUNDS		\$ <u>13,000.00</u>
ENDOWMENT PRINCIPAL FUNDS		\$ <u>1,738,681.18</u>
PLANT FUNDS		
Current Unrestricted Funds		
Unrestricted Expense	010XXX	\$ 5,490,856.94
Departmental	011000-011499	301,040.64
Conference Accounts	011500-011999	410.60
Stores/Services	014XXX	1,230,261.01
Designated	015XXX	100,000.00
Auxiliary	016000-018999	6,362,423.32
Hospital	019XXX	4,365,518.73
Current Restricted Funds		
Development Fund	03XXXX	92,291.71
Other Restricted	05XXXX	<u>36,000.00</u>
Total Plant Funds		\$ <u>17,978,802.95</u>
Total Non-Mandatory Transfers From Current Funds		\$ <u>19,730,484.13</u>

Mr. Ihrig continued his report:

With the closing-out of Fiscal Year 84-85, there is a handout that Mr. Scott passed-out to you. It provides a summary of where we see the current 85-86 budget through September, as we look at the revenues and expenditures for the first three months of the year.

Looking at the total University, at the bottom of the front page on "revenues," it shows basically a small amount of change. These are the standard adjustments we would go through in seeing Summer Quarter tuitions that have actually been received and we have the exact details of the legislation as far as State subsidy and other factors. The change represents less than one-tenth of a percent. Expenditures--on the second page--have basically not changed at all, just a small amount of around \$90,000, out of the total budget.

At this time it is very early in the year, and we basically haven't received all of the Autumn Quarter tuitions. The key analysis of that, and also the subsidies as a result of the Autumn Quarter tuitions, we will learn about in December.

In looking at the status of the Autumn Quarter, we have also provided you with a second handout that is not in your book, that lists the fourteenth day enrollment summary for the Autumn Quarter. That document shows that total University enrollments are at 57,725 students for all campuses. That is 969 students above the enrollments last Autumn Quarter. All of the campuses are generally up. Mansfield is basically the same--down fourteen students; Wooster is up by six; and the others are up by larger percentages. The Columbus Campus is at 53,199, which is 765 students above Autumn Quarter a year ago. If we look at that number over five years, it is less than a one percent increase in the total enrollments, but our target was to be down about 1.6 percent.

If you turn to the second page, Table 2 of that chart, we can discuss some of the changes that we have experienced this year. The first two rows on that Table, which say AU 84 and AU 85 compare the Autumn Quarter this year with last year. The first column there under NFQF, New First Quarter Freshmen, shows that we have 6,862 entering freshmen on the Columbus Campus this year--which is 198 above last year. Our target for new entering freshmen this

Mr. Ihrig: (contd)

year was set last November, and when we discussed it, it was 6,700. So this leaves us 162 above our target and that is 198 above last year's enrollment.

The numbers you have across this Table, as we go across it, compares them with last year's, and I'll interject with the target numbers to give us a perspective of where we think we are. We had planned this Spring, when we looked at the enrollments and the demand for entering freshmen admissions, to add 170 to the target for entering freshmen and reduced the target for transfer students, which are the next two columns, by 170. To keep within the overall enrollment limit of the University, we control the new admission of students. So we increased the freshmen and lowered the transfer targets, because in the previous year the transfer enrollments had not come up to where we thought they would be and we thought we had to trade-off freshmen with transfers. The results of all this--the freshmen came within the revised target and, basically, the transfers did also.

Now there is an increase in transfer enrollments overall, you see the increase by 23 and 286. Over 200 of those increases are due to a new program instituted by the University called the "Bridge Program." That is where we encourage employees of the University to enroll in Continuing Education courses. These are primarily Continuing Education, part-time, courses taken in the evening which are exempt from our enrollment limit. These are to assist employees to get the prerequisites, then to go on and work on their degrees. It is a program initiated by the Office of Continuing Education this year. We had over 200 enrollees in this program. So, these would not count in our enrollment limitations.

Then we are at the continuing students--these are the students that were enrolled in Spring or Summer Quarter and continued on in the Autumn. Data shows that we are down 269 from last year. But that is not the entire story, because our target--we expected to be down over 800 and we are actually 507 above our target. Therefore, we are again having increased retentions. Our targets of last year assumed that retention would level off. Instead, retention of our continuing students is increasing again. That is the good news.

Mr. Ihrig: (contd)

The next set of good news is the former students. These are the students that have been here, have been in good standing, but decided to stop-out for one reason or the other and come back. So they haven't been here Spring or Summer Quarter. That number is increasing by 448 over last year and our targets we set at the same level as last year. So there is an additional 448. That, again, is an increase in retention. When we follow our students, some may stop-out for various reasons and come back and these students are in good standing and can re-enroll whenever they wish. Both the continuing and former students are showing another increase in Ohio State's retention rates which we are very pleased about.

In addition, the graduate enrollments, both in new entering students and continuing students, are up again this year for a total increase of three percent overall from our targets--1.7 percent over last year. We did not anticipate that graduate enrollments would be as high as last year, but they exceeded last year. So, again, we are having strong retention and new admissions in our graduate programs. Our professional programs are basically at the same level as last year and within the plan.

So, all in all, we are going to report over 40,000 FTE when we sort all of this down to report to the Board of Regents this month. Last year we were over by about 533. We expect that they will add one hundred to that overenrollment this year. Again, due to increased graduate enrollments and increased retention. So we are in the process now of reevaluating where we need to be on entering freshmen targets and that decision will need to be made during the month of November, as we get the data refined. Increased retention will have another impact on how many we can admit.

The rest of the pages in this report--the next page talks about college enrollments and they are basically where we would anticipate. The total of the Arts and Sciences--there is a change in the mix of the Arts and Sciences and the different programs--but the grand total is within thirty-three of last year. We are showing a decrease in Engineering, but that is due to enrollment management where they are setting point-hour requirements to enter into the engineering programs. Commensurate with that is University College having an increased number of students who are making their decisions as to where to go based

Mr. Ihrig: (contd)

on their performance. We are showing an increased demand in the Colleges of Education, Home Economics and the Graduate School, as we have discussed.

The next Table takes the students in University College and puts them in with the college program that they have indicated they have an interest in. So it looks more at the curriculum rather than the specific college of enrollment. There, the increase in Education, which was ten percent when we look at all of the students indicating an interest in Education, is up to sixteen percent. So we are showing increased interest in Education as a university degree intent.

The next two Tables then start looking at the loads that the students are taking and the credit hours. We have actually shown a slight decrease on Table 6 in the full-time equivalent students to head count ratio--based on the load that they take--down one hundredth of a percent from .95 to .94; and that reflects the increased efforts in Continuing Education to enroll part-time students, as we discussed a little earlier with things like the "Bridge Program." The professional and graduate students are taking slightly heavier loads by a very small amount, but overall campus-wide it is equal.

The last Table shows you the counties and states and a summary of foreign enrollments at the University. Those from other states and territories and other countries are close to being the same with a pickup of Ohio residents in our total enrollments.

We are carefully analyzing these data and the retention data to see exactly where we are impacting on the programs and the finances of the University. We will have these data ready in detail to go to the Board of Regents, then the subsidy model will be calculated and we will know in December the exact amount of subsidy. We don't see a major shift from our budget as far as subsidy at this time.

This leaves us with the last big unknowns, which are not enrollment-driven as far as our budget, and that is in selective excellence programs. We have the process now for the academic challenge which is one percent of the subsidy. So we will have to know the subsidy before we get the exact amount of the academic challenge. At this time, the Provost has a committee of faculty working on the various programs for excellence that will be recommended, and that effort is going along on schedule.

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Mr. Ihrig: (contd)

The last big unknown is the selective excellence program in the research challenge and that, if you remember, is where the Regents and the State have provided a matching fund for actual sponsored research within the University. The Regents have just issued the guidelines on that challenge grant and we are now reviewing that material and it looks favorable from our opinion. But we will not know probably until March, exactly the amounts for the University when all the numbers and the review of those guidelines are completed.

That completes my report.

Mr. Teaford:

Are those actually this fiscal year's funds, nevertheless?

President Jennings:

Yes. Those are this fiscal year's funds.

Mr. Teaford:

Even though they don't know about it until nearly the end?

Mr. Ihrig:

We estimate them going in.

President Jennings:

They are this year's fiscal funds and probably most of them will be spent this Spring and next year in that context. Let me just make a couple of remarks about Weldon's report.

I think first of all that the enrollment report, as Weldon pointed out, is basically a very solid and good news report--the retention continuing to improve dramatically. But with our enrollment ceiling that undoubtedly means a continuation of the trend that has been taking place at the institution. Namely, an even earlier cut-off date for enrollment for next fall. As you recall, last year we cut-off enrollment on December 22. This year it will undoubtedly be earlier and undoubtedly we will have to look to a smaller freshmen class than we have been looking to in times gone by. So it is a good enrollment report. I am particularly

President Jennings: (contd)

pleased also to see the graduate enrollment, not only leveling out, but beginning to gain slightly. Because nationally, graduate enrollment has been a problem in higher education and particularly becomes serious when we realize that the demographics begin to turn around in the early 1990's very quickly. Which will increase demand for well-trained faculty quite dramatically into the 1990's, but higher education should be producing those people now in order to meet that demand.

I also want to make a remark about the research challenge. I want to emphasize how pleased we are with the draft guidelines for the State of Ohio Research Challenge program that we have received from Chancellor Coulter of the Ohio Board of Regents. As you know, Governor Celeste and the General Assembly authorized this program last year as part of the State's Selective Excellence efforts.

The Regents' draft guidelines currently are being reviewed by the Research Committee of the Council on Research and Graduate Studies, the deans, and my staff. We will be making any necessary comments on the specific details. But, in general, it is clear that our overall, highly positive, impression of the Research Challenge has been reinforced by the direction of the Regent's draft. We believe that a very important step has been taken in direct state support of university-based research that establishes Ohio as a leader in the nation.

The emphasis in the draft guidelines on demonstrated results by the universities in attracting sponsored research is especially praiseworthy. The focus on basic and applied research, and scholarly and creative activity coincides with our own academic mission. We also applaud the State's clear commitment to rewarding and nurturing excellence. The Research Challenge can become an important part of our own internal efforts to enhance excellence in research, as well as expanding success in the other public institutions of higher education.

Of particular note is the commitment the Regents' have shown to encouraging cooperative research efforts with Ohio's private institutions. The manner in which private universities have been included in the program broadens and strengthens the overall state-wide academic research base. We believe that the Regional Research Partnership Program can become a significant impetus to strengthen the working relationships between our

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President Jennings: (contd)

public institutions and those private institutions that have demonstrated their capability to bring external research dollars into the State, for the benefit of Ohio as a whole.

We at Ohio State will be working hard to make the Research Challenge achieve its full potential, in acknowledgement of the confidence that the State of Ohio has placed in its University research institutions.

Obviously, we are pleased with this. The private inclusion, I think, is an important piece of this and we will be working very hard to live up to the confidence that the State has placed in us.

Mr. Galbreath:

Ed, would you analyze our particular situation enrollment-wise and compare it to the rest of the colleges and universities in the State? Because we do have a cap. Are they experiencing the same sort of full capacity enrollment?

President Jennings:

Well, most of them are Danny.

Mr. Galbreath:

And the privates, too?

President Jennings:

I can't speak quite as much for the privates. Certainly the privates around Franklin County, yes, but I don't think state-wide. Some of the smaller privates are having some considerable difficulty. Ohio Wesleyan, for example, still is having considerable difficulty, but by and large that experience is there. Now, it is very hard, of course, to compare Ohio State's enrollment pattern with the other institutions, because our actual enrollment is artificially low. We obviously would have a much larger institution had we not had this cap. Because unlike the other institutions that have caps, we have been at our cap for eight or nine years now--longer than that? Fifteen years.

Mr. Galbreath:

Ed, is there any way to know what happens to the freshman that does not get in here because of a cap?

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President Jennings:

Again, it would require a survey. Our impression is that that freshman will either go some place else in the State--to another institution in the State; many of them will show up in our regional campuses; or will show up in the Spring or Winter Quarter. In other words, instead of starting their college experience in the fall--

Mr. Galbreath:

You don't think we are losing them from the college ranks totally?

President Jennings:

Our impression is no and certainly the statistics would bear that out, because enrollment state-wide is holding-up. But the demographics where the number of high school graduates are dropping and dropping very rapidly--as you know, between 1979 and 1992 the number of high school graduates is going to drop by thirty percent.

Mr. Galbreath:

Well you know, we have been hearing that for five years, yet it is not happening.

President Jennings:

It is not happening here and it is not happening across the nation. You are getting a larger proportion of high school students going on.

Mr. Galbreath:

So there are fewer bodies, but more of them are going on?

President Jennings:

That's right. You are getting a higher--this is an Ohio phenomenon, a national phenomenon.

Mr. Galbreath:

That's good news.

President Jennings:

It certainly is at the large public universities. Our Big 10 colleagues and public universities all across the country--their enrollments are stable or even growing.

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Mr. Galbreath:

Would that reflect the trend toward technology? High school students are more aware of the importance, do you think?

President Jennings:

Well, higher education has never been very successful in determining why enrollment trends on a national basis take place. I will point out, again, one of the pieces of good news is that one variable that has been isolated for enrollments has been the economy. We are a countercyclical industry, if you will, when the economy is bad more people go to college than when the economy is good. That is one of the good news things right now is that the economy now is improving and enrollments are not dropping-off.

Mr. Galbreath:

How many of the other state universities would you say have reached their cap?

Mr. Ihrig:

It's Miami and Bowling Green. We know Miami, this year, again, exceeded their cap and I don't know about Bowling Green.

President Jennings:

Well, but there is also Ohio U that has a cap, but they're way under it. Who else has a cap? I don't think anybody else has a cap.

Mr. Ihrig:

Akron comes to mind, but I'm not sure. They have been under it also. There have only been the three of us that have been up or near our cap.

Mr. Galbreath:

Weldon, I would like to ask one more question. On your chart seven, would you explain these Ohio counties? I understand the 50,000 students from Ohio, other states, United States, students from foreign countries, 120?

Mr. Ihrig:

Yes. That's a group of students whose parents are abroad for various reasons. They are U.S. citizens,

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Mr. Ihrig: (contd)

but they don't have a home county in the United States or a home state. They're ambassadors, corporate people, and so on.

Mr. Galbreath:

And the pure foreign student is just 2,690?

Mr. Ihrig:

That's correct.

Mr. Galbreath:

That surprises me.

President Jennings:

You mean the number being low?

Mr. Galbreath:

The number being low. I thought we had a very significant foreign student--

President Jennings:

Well, there is a lot of concentration in the graduate program. But this is about standard for the big public universities--about five percent of their student-body is foreign.

Mr. Galbreath:

I think it is very important for this Board to understand that. Because I don't know--I can't quickly come-up with the figures, but I would have thought that there were more students here from out of Ohio.

President Jennings:

That's, again, a fairly typical pattern--nine percent of your student-body, being out-of-state students. Minnesota, Purdue, and Indiana would have the same pattern.

Mr. Galbreath:

O.K. But I think when we talk about our budgets and our funding and our State support and such, it is clear we are taking care of our own kids. Subsidy monies are really pretty minimal.

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President Jennings:

Oh yes. And remember that you should have a significant number of out-of-state students and foreign students to assure diversity.

Mr. Galbreath:

Do we recruit foreign students?

President Jennings:

At the graduate level we recruit good students and very often that will be a foreign student.

Mr. Galbreath:

But we don't set up seminars in England or France and try to sell Ohio State?

President Jennings:

No.

Mr. Galbreath:

Do we have enough foreign students to give us diversity?

President Jennings:

Oh yes. I'm not worried about that. But we could, Danny, have--we could double that number easily in terms of the interest in coming to Ohio State.

Mr. Galbreath:

By doing what?

President Jennings:

By simply accepting more of the applications.

Mr. Galbreath:

So there are more foreign applications?

President Jennings:

Oh, many more foreign applications.

Mr. Havens:

And that would knock down our incoming Ohio freshmen?

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President Jennings:

Knock down the incoming Ohio freshmen, yes.

Mr. Galbreath:

Unless you could get your cap up.

President Jennings:

But I would not recommend moving our cap up right now. Because it is just not the budget, the critical element is a space limitation. And we would simply not have the space to accommodate.

Mr. Galbreath:

Well, then that answers my question. My only thought was spreading the word of Ohio State. And if you have twice that many foreign students in various parts of the world, you're going to do a lot of things to enhance the image of Ohio State, and ultimately have more financial support.

President Jennings:

We get more good students, but we concentrate in terms--particularly in foreign students--in only the very best. And while we can increase that number without significantly reducing quality, I do like the concept of only just the very best.

Mr. Havens:

I assume that those are mostly graduate students anyway, therefore, they only get in if they meet the standards. Unlike the freshmen, who get in because they live in Ohio.

Mr. Galbreath:

What is our capacity--physical capacity? Are we about there?

President Jennings:

Well, I think Francille would say our physical capacity is way below our enrollment right now.

Mr. Galbreath:

Dorm-wise, as well as instruction?

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President Jennings:

Dormitories, for the first time in quite a while, are over-full. But that is a very cyclical activity and they are not over-full by very much. You want to be, but that is one of the reasons we have been able to keep dorm rates down.

Mrs. Bowser:

But if you get more students, you would have more staff and if you visit some of the staff now, there isn't enough room in their little cubby holes for two chairs.

President Jennings:

If you notice on our capital bill, it is filled with renovation, classroom activity, the library book warehouse, the mathematics building, biological sciences; all of that is in recognition of the general undergraduate student-body space limitations that we've got.

Mr. Galbreath:

I'm not necessarily asking--I'm just trying to understand.

President Jennings:

Danny, the other thing though that is coming, and I keep reminding everybody--with this continuing drop and the enrollment staying the same, you are getting obviously more and more students into the upper division.

Mr. Havens:

Is that good?

President Jennings:

You become an upper-division institution. It has some fairly serious budget implications over the long-term, because that is the most expensive education. The junior and senior costs are significantly and substantially higher than the cost of educating at the freshman and sophomore level. There are more specialized courses, smaller classes, more equipment, more writing, more individual instruction at the junior and senior level. That is where your engineering students are concentrated, your chemistry, physics, your expensive curriculum, your art.

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Mr. Galbreath:

But the drop is not a freshman number--not a concern other than the budget situation.

President Jennings:

It is a concern to me in the sense that we have to find a way, and I have a group working on that this year, to find some way of getting this--getting through this having to shut-off enrollments so very early. It was December 22 of last year, it may be December 1 this year. We are getting into time periods that are just far too early for the kids.

Mr. Galbreath:

Well, why can't you--rather than cut it off, why can't you be more selective in the pool?

President Jennings:

Well, because this State has had a long tradition of "first come, first serve."

Mr. Galbreath:

You have a phenomenon like this. Maybe you could begin to change some of your ideas.

President Jennings:

I have asked Francille to put together a group to look at that very issue. That is a serious issue in my mind of this earlier and earlier enrollment shut down.

Mr. Galbreath:

I know this is off the subject, but you know that can do nothing but help the high school student realize that he does not have an inalienable right to get in here. Doesn't it give them a little more incentive?

President Jennings:

Well, that incentive is conditional/unconditional admissions. That is why you are seeing this quality of the freshmen improving so dramatically over these last three or four years. Because the freshmen are applying earlier, and the word is getting out also that if you had trouble in high school, maybe you ought to think about some place else before you come to Ohio State. With attrition rates in the freshmen

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President Jennings: (contd)

year being cut in half, the improvement in the freshmen class is just remarkable right now. I am not sure that more selectivity would do it, because there is a lot of self-selection going on right now. But there is a long tradition of that. And I think the lawyers would also--you could get three lawyers and you could get three, maybe four or five interpretations of that "first come, first serve." It doesn't say "first come, first serve." There is a good deal of ambiguity in that.

Mr. Barone:

Ed, on tuition, why are we compelling the student who becomes a permanent resident, I mean a bona fide permanent resident, who works here, lives here twelve months, compelling him to pay out-of-state tuition?

President Jennings:

John, generally, many students who come here from a different state end-up with resident tuition. They might have non-resident tuition their first year, but they make their residence Ohio. There is a variety of ways to do that: driver's license, owning property, voting, registering automobiles.

Mr. Barone:

I understand they force them still to pay out-of-state tuition even though they vote here, work here, live here. Is that true or false?

President Jennings:

That is false.

Mr. Barone:

I didn't think so, but I was told this.

President Jennings:

There is one reason, John, that these out-of-state numbers--when we report roughly eight percent, that's probably an understatement of the number of out-of-state students that are actually at Ohio State. There is a significant number of students that come to us from New York or wherever, who after their freshman year, establish residence here and then show up in Franklin County on the chart. Fifteen thousand out of Franklin County--there are

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President Jennings: (contd)

not 15,000 students out of the Franklin County high schools who came to Ohio State.

Mr. Havens:

Didn't we used to have a policy that if you graduated from out-of-state, you'd have to pay tuition--the first year you went to school here regardless of residence?

President Jennings:

Probably.

Mr. Teaford:

There has been lots of litigation on that and suits won.

President Jennings:

There are a long potpourri of ways that you can qualify for in-state tuition and that is pretty well settled now in the courts. The courts have basically defined an out-of-state student for us through the years. Not just in Ohio, but around the country.

Mr. Teaford:

Doesn't the fact that this is now much more of an upper-division university enhance your ability to get good faculty?

President Jennings:

It certainly does. So many of the things--like we had the math articulation program conference here that the Board of Regents began at Ohio State, that was a key part of it. Within the eleventh grade with this math placement testing we are simply getting a much larger percentage of students who are fully qualified for college algebra or things like that. The most amazing statistic to me is that five years ago, two-thirds of the freshmen had some sort of deficiency in their high school curriculum. Today, this freshmen class, if you exclude the visual arts requirement--which I think is appropriate in this context, you have fifteen percent. In other words, from a third with no deficiencies to eighty-five percent with no deficiencies--dramatic changes.

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Mr. Havens:

The scholarship student does not have to apply and worry about being cut-off in the middle of December?

President Jennings:

When we talk about our cut-off date, there is a whole variety of categories that could continue on in the spring. The Freshmen Foundation Program for example, which is the minority program that brings in, out of the freshman class, 850 minorities, those seats are reserved. The department will have a number of students that they will give scholarships to on the basis of merit and there will be slots for those. This is the general step. What happens to us every year, every year we keep lowering our projection on retention or increasing our projection on retention. But every year we break the bank on that, because we are getting more and more staying longer. Five hundred more continuing students, 400 more returning students, that is 900 students beyond what our lower estimate of retention would--

Mr. Galbreath:

That is also counter to your comment about the cyclical nature--countercyclical review of the economy, too.

President Jennings:

That's right. If we should be dropping--if anything the economy should be forcing that down right now, but we keep going up. We simply keep going up.

Mr. Galbreath:

Are there any more questions or comments on Mr. Ihrig's report?

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**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL
RECEIPTS REFUNDING BONDS, 1985 SERIES A,
OF THE OHIO STATE UNIVERSITY**

Resolution No. 86-55

Synopsis: Providing for the authorization, issuance and sale of the General Receipts Refunding Bonds, Series 1985 A (the "Series 1985 A Bonds"), in an amount not to exceed \$29,500,000, for the purpose of refunding General Receipts Bonds of The Ohio State University, Series 1971, Series 1981 and Series 1983 (the "Prior Obligations"), respectively, and

**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL
RECEIPTS REFUNDING BONDS, 1985 SERIES A,
OF THE OHIO STATE UNIVERSITY (contd)**

paying the costs and expenses associated with the issuance of the Series 1985 A Bonds; authorizing the execution of an Escrow Agreement to secure the payment of Bond Service Charges on the Prior Obligations; authorizing a Trust Indenture to secure the payment of Bond Service Charges on the Series 1985 A Bonds, to provide for the issuance from time to time of additional General Receipts Bonds (the "Additional Bonds") and for related purposes.

WHEREAS pursuant to Sections 3345.11 and 3345.12 of the Ohio Revised Code, as enacted under authority of the Constitution of Ohio, particularly Section 2i of Article VIII thereof, The Ohio State University (the "University"), a state university of the State of Ohio (the "State") created and existing under Chapter 3335 of the Ohio Revised Code, is authorized and empowered, among other things, (a) to issue, as provided herein, Bonds of the University to pay the costs of certain capital facilities defined as "auxiliary facilities" in Section 3345.12 of the Ohio Revised Code (and herein called "University Facilities") and to refund, fund or retire such Bonds and other obligations previously issued for such purpose; (b) to pledge to the payment of such Bonds all or a specified part of the gross amount of the General Receipts of the University, as defined in Section 1 hereof, in priority to all other expenses, claims or payments; (c) to covenant, as herein provided, that the University will make, fix, adjust and collect the fees, rates, rentals, charges and other items comprising General Receipts to produce General Receipts sufficient at all times to meet Bond Service Charges on the Bonds, establish and maintain the required reserves and meet other requirements herein provided; and (d) to provide for a trust indenture (the "Indenture") and make further provisions for securing the payment of the Bond Service Charges;

WHEREAS the Board has heretofore authorized the issuance of \$4,500,000 University General Receipts Bonds, Series 1971, dated June 1, 1971 (the "1971 Bonds") (\$1,980,000 principal amount outstanding);

WHEREAS the Board has heretofore authorized the issuance of \$9,500,000 University General Receipts Bonds, Series 1981, dated February 1, 1981 (the "1981 Bonds") (\$7,600,000 principal amount outstanding);

WHEREAS the Board has heretofore authorized the issuance of \$18,500,000 University General Receipts Bonds, Series 1983, dated October 15, 1983 (the "1983 Bonds") (\$18,500,000 principal amount outstanding);

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WHEREAS the Board has determined that it is in the best interests of the University to authorize the issuance of the General Receipts Refunding Bonds Series 1985 A (the "Series 1985 A Bonds") to refund the 1971 Bonds, the 1981 Bonds and the 1983 Bonds (collectively the "Prior Obligations") and to pay the costs and expenses of issuance of the Series 1985 A Bonds, each in order to discharge the lien of the Trust Agreement, dated June 1, 1971, and supplements thereto securing the Prior Obligations, (the "1971 Trust Agreement") thereby providing new and additional financing powers under the Indenture for the more efficient and effective conduct of the fiscal affairs of the University; and

WHEREAS the University desires to make provision for the issuance of the Series 1985 A Bonds and from time to time of Additional Bonds herein described, and for the payment of the Bond Service Charges thereon and the securing thereof by this Resolution and the Indenture herein authorized, and to provide for each subsequent issue of Additional Bonds to be authorized by a separate Series Resolution based upon this Resolution and such Indenture; and

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees of The Ohio State University adopt the following:

Section 1. Definitions and Interpretations. The following words and terms as used in this Resolution, in any Series Resolution, in the Indenture and in the Bonds shall have the following meanings unless otherwise therein provided and unless the context or use clearly indicates another or different meaning or intent:

"Act" means Sections 3345.11 and 3345.12 of the Ohio Revised Code, as the same may be amended, modified, revised, supplemented, or superseded from time to time.

"Additional Bonds" means any Bonds of the University issued under any Series Resolution and secured by a Supplemental Indenture, including both Parity Obligations and Subordinated Obligations (as defined in the Indenture).

"Board" means the Board of Trustees of the University.

"Bond" or "Bonds" means any Bond, or all of the Bonds, or an issue or series of Bonds, as the case may be, of the University issued pursuant to the Series 1985 A Bond Resolution and any Series Resolution including bonds, notes, certificates of indebtedness, capital leases or any other

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obligation evidencing the borrowing of money consistent with the provisions of the Indenture and in conformity with the laws of the State.

"Bondholder" or "holder" or "holder of Bonds" or any similar term, means any person in whose name a registered Bond is registered.

"Bond Fund" means the Series 1985 A Bond Fund created by Section 7 of this Resolution.

"Bond proceedings" means the Series 1985 A Bond Resolution, the Indenture, any applicable Series Resolution, any applicable Supplemental Indenture, any applicable Certificate of Award and other resolutions and agreements and amendments of and supplements to the foregoing, or any combination thereof, authorizing or providing for the terms and conditions applicable to, or providing for the security or sale of Bonds, and the terms contained in such Bonds.

"Bond Reserve Fund" means the Bond Reserve Fund created by Section 8 of this Resolution and as provided for in any Series Resolution.

"Bond Reserve Requirement" means, as at any relevant date, the Maximum Annual Debt Service Requirement (as defined in the Indenture) on Bonds issued pursuant to the Series 1985 A Bond Resolution, the Indenture or any Series Resolution, which Requirement may be met through the use of an appropriate Bond Reserve Fund Credit Instrument (as defined in the Indenture).

"Bond Resolution" or "Resolutions" means (i) when used with reference to the Series 1985 A Bonds, the Series 1985 A Bond Resolution of the Board (ii) when used with reference to an issue of Additional Bonds, the Series 1985 A Bond Resolution to the extent applicable and any Series Resolution providing for the issuance of such Additional Bonds and (iii) when used with reference to Bonds when Additional Bonds are outstanding, the Series 1985 A Bond Resolution and the Series Resolution(s) providing for the issuance of the then outstanding Additional Bonds; all as the same may from time to time be lawfully amended, modified or supplemented.

"Bond Service Account" means the account, so designated, in the Bond Fund established pursuant to Section 7 hereof.

"Bond Service Charges" and "Bond service charges" means, for any applicable time period, the principal

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(including any mandatory sinking fund requirements), interest and redemption premium, if any, required to be paid by the University on the Bonds pursuant to any Bond Resolution. In determining Bond Service Charges for any period or date, mandatory sinking fund requirements for such period or applicable to such date shall be included and principal maturities for which, and to the extent, mandatory sinking fund requirements were imposed in a prior period for a prior date shall be excluded.

"Certificate of Award" means the Certificate of Award authorized pursuant to Section 4 of this Resolution.

"Contract of Purchase" means the Contract of Purchase between the Original Purchasers and the University, dated November ___, 1985.

"Costs of University Facilities" means the costs of or related to University Facilities, and the financing thereof, for the payment of which obligations may be issued under the Act.

"Eligible Investments" means Eligible Investments as defined in the Indenture.

"Escrow Agreement" means the Escrow Deposit Agreement dated as of November 15, 1985 between the University and The Huntington National Bank, as Escrow Trustee, providing for the payment of principal and interest on the Prior Obligations.

"Escrow Trustee" means The Huntington National Bank, Columbus, Ohio, as Escrow Trustee under the Escrow Agreement.

"Expense Fund" means the Expense Fund created pursuant to Section 10 of this Resolution.

"Fiscal Year" means a period of twelve consecutive months constituting the fiscal year of the University commencing on the first day of July of any year and ending on the last day of June of the following calendar year, both inclusive, or such other twelve month period as hereafter may be established from time to time for budgeting and accounting purposes of the University by the Board to be evidenced, for purposes hereof, by a certificate of the Treasurer filed with the Trustee.

"General Receipts" means all monies received by the University including but not limited to all gross fees, deposits, charges, receipts and income from all or any part

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of the students of the University, whether designated as tuition, instructional fees, tuition surcharges, general fees, activity fees, health fees or other special purpose fees or otherwise designated; all gross income, revenues and receipts from the operation, ownership, or control of University Facilities; all grants, gifts, donations and pledges and receipts therefrom; and the proceeds of the sale of Obligations issued or incurred pursuant to the Act, including proceeds of Obligations issued or incurred pursuant to the Act issued to refund obligations previously issued, to the extent and as allocated to Bond Service Charges under the proceedings authorizing such Obligations; however, there shall be excluded from General Receipts: (i) monies raised by taxation and state appropriations until and unless the pledge thereof to the payment of Bond Service Charges is authorized by law and is made hereunder by a Supplemental Indenture approved by the Board; (ii) Restricted Monies (as defined in the Indenture); (iii) any special fee charged pursuant to Section 154.21(D) of the Ohio Revised Code and receipts therefrom; (iv) those receipts pertaining to dormitory facilities which are presently pledged under the April 15, 1957 Indenture with BancOhio National Bank (formerly known as The Ohio National Bank of Columbus) Columbus, Ohio, and supplements thereto, but only so long as any dormitory revenue bonds of the University heretofore or hereafter issued are outstanding thereunder, except that the surplus amounts resulting from any such receipts available for any lawful purpose of the University pursuant to the 1957 Indenture that are released from the pledge thereof shall nevertheless be included in General Receipts; and (v) those receipts pertaining to housing facilities which are presently pledged under the 1965 Indenture with Bank One, Columbus, N.A. (formerly The City National Bank & Trust Company) but only so long as such housing facility bonds are outstanding thereunder. Any receipts of the University which it may at any time lawfully pledge to the security of the Bonds may be included, or confirmed to be included, in General Receipts by Supplemental Indenture approved by the Board, and such receipts may be released, at least in part, as provided in section 4.11 of the Indenture.

"Indenture" means the Trust Indenture between the University and the Trustee, dated as of November 15, 1985, and any Supplemental Indentures, as the same may be duly amended, modified or supplemented.

"Mandatory sinking fund requirements" means amounts required by the Series 1985 A Bond Resolution and any Series Resolution to be deposited to the Bond Fund in any fiscal year for the purpose of retiring principal

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maturities of Bonds which by the terms of such Bonds are due and payable, if not called for prior redemption, in any subsequent fiscal year.

"Obligations" means bonds or notes or other evidence of indebtedness of the University for money borrowed, including the Bonds.

"Official Statement" means, as to the Series 1985 A Bonds, the Official Statement including, without limitation, the Preliminary Official Statement, relating to the original issuance of the Series 1985 A Bonds.

"Original Purchasers" means, as to the Series 1985 A Bonds, The Ohio Company, Columbus, Ohio, John Nuveen & Co. Incorporated, Chicago, Illinois, Prudential-Bache Securities Inc., New York, New York, Salomon Brothers Inc, New York, New York, and Shearson Lehman/American Express, Inc, New York, New York, and as to Additional Bonds, the person or persons expressly named in the applicable Series Resolution as the Original Purchaser of the Additional Bonds from the University.

"Outstanding Bonds" or "Bonds outstanding" or "outstanding" as applied to Bonds, means, as of any date, all Bonds which have been authenticated and delivered, or are then being delivered, by the Trustee under the Indenture except:

(a) Bonds surrendered for exchange or transfer or cancelled because of payment or redemption at or prior to such date;

(b) Bonds for the payment, redemption or purchase for cancellation of which sufficient monies have been deposited prior to such date with the Trustee or Paying Agents (whether upon or prior to the maturity or redemption date of any such Bonds), or which are deemed to have been paid and discharged pursuant to the provisions of the Indenture; provided that if such Bonds are to be redeemed prior to the maturity thereof, notice of such redemption shall have been given or arrangements satisfactory to the Trustee shall have been made therefor, or waiver of such notice satisfactory in form to the Trustee shall have been filed with the Trustee, and provided, further, that if such Bonds are to be purchased for cancellation, a firm offer for sale stating the price has been received and accepted; and

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(c) Lost, stolen, mutilated or destroyed Bonds in lieu of which others have been authenticated (or payment, when due, of which is made without replacement) under the Indenture.

"Paying Agents" means any banks or trust companies designated as the paying agencies or places of payment for Bonds by or pursuant to the Series 1985 A Bond Resolution or any applicable Series Resolution, and their successors designated pursuant to the Indenture, and shall also mean the Trustee when so designated for such purpose.

"Parity Obligations" means all Bonds and other Obligations except Subordinated Obligations, as defined in the Indenture.

"Prior Obligations Trustee" means The Huntington National Bank, Columbus, Ohio.

"Prior Project" means the construction of the coal fired boiler with air pollution equipment, the extension of steam lines to service the west dormitory complex, the midwest campus, and hospital facilities and the refurbishing of existing steam lines and power plant, all constituting the "Project" for the 1983 Bonds.

"Series Resolution" means a resolution of the Board authorizing the issuance of Additional Bonds in accordance with this Resolution, and particularly Section 6 hereof, and includes any resolution or certificate providing for or evidencing the award and terms of the Bonds as authorized by such Series Resolution.

"Series 1985 A Bond Resolution," or "this Resolution" as used herein, means this Resolution, as the same may be amended from time to time in accordance with the provisions of the Indenture.

"Special Funds" or "special funds and accounts" means the Bond Fund, the Construction Fund, the Expense Fund, the Bond Reserve Fund and the accounts therein, and any other funds or accounts permitted by, established under, or identified in the Indenture, this Resolution or any Series Resolution, except that the Escrow Fund provided for under the Escrow Agreement shall not be deemed a Special Fund.

"State" means the State of Ohio.

"Supplemental Indenture" means any one or more Supplemental Indentures entered into by the parties pursuant to the Indenture.

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"Treasurer" means the Treasurer of the University or such other business or financial officer of the University as may be or is designated by the Board, as shown in a written certification maintained by the University or the Secretary of the Board and on file with the Trustee, signed by the President of the University or the Secretary of the Board, together with any alternate identified in such certificate.

"Trustee" means the Trustee at the time serving under the Indenture, originally The Huntington National Bank, Columbus, Ohio, and any successor Trustee as determined or designated under or pursuant to the Indenture.

"University" means The Ohio State University established and existing under Chapter 3335 of the Ohio Revised Code, and every part and component thereof as from time to time existing, and when the context admits, includes its Board of Trustees.

"University Facilities" means buildings, structures, and other improvements, and equipment, real estate and interests in real estate therefor, all or any part of the costs of which are at any time authorized by the Act to be financed by the issuance of Obligations, including but not limited to such facilities to be used for or in connection with student activity or student service facilities, dining halls, and other food service and preparation facilities, dormitories, and other living quarters and accommodations, vehicular parking facilities, bookstores, athletic and recreational facilities, faculty centers, auditoriums, assembly and exhibition halls, hospitals, infirmaries and other medical and health facilities, research, and continuing education facilities, and includes any one, part of, or any combination of the foregoing, and further includes site improvements, utilities, machinery, furnishings and any separate or connected buildings, structures, improvements, sites, utilities or equipment to be used in, or in connection with the operation or maintenance of, or supplementing or otherwise related to the services or facilities to be provided by, any University Facilities.

Any reference herein to the University, the Board, or to any officers thereof or to other public boards, commissions, departments, institutions, agencies, bodies, entities or officers, shall include those which succeed to their functions, duties or responsibilities pursuant to or by operation of law or who are lawfully performing their functions. Any reference to a section or provision of the Ohio Revised Code or to the laws of Ohio shall include such

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section or provision and such laws as from time to time amended, modified, revised, supplemented, or superseded, provided that no such amendment, modification, revision, supplementation, or supersession shall alter the obligation to pay the Bond Service Charges in the amount and manner, at the times, and from the sources provided in this Resolution, the applicable Series Resolution, and the Indenture, except as otherwise herein permitted.

Unless the context shall otherwise indicate, words importing the singular number shall include the plural number, and vice versa, and the terms "hereof," "herein," "hereby," "hereto," "hereunder," and similar terms, mean this Resolution.

Section 2. Authorization; Terms; Pledge; and Covenant.

(a) Authorization. The Bonds, to be designated and known as General Receipts Refunding Bonds, Series 1985 A (the "Series 1985 A Bonds"), shall be issued pursuant to and as authorized by the Act, Section 2i of Article VIII of the Ohio Constitution, this Resolution and the Indenture for the purposes of (i) refunding the Prior Obligations, (ii) paying the premium on a surety bond or insurance policy which will provide the Bond Reserve Requirement with respect to the Series 1985 A Bonds, and (iii) paying the costs and expenses incidental to the issuance of the Series 1985 A Bonds.

(b) Form and Numbering. The Series 1985 A Bonds shall be issued only as fully registered Bonds. The Bonds shall be numbered as determined by the Trustee.

(c) Denominations and Dates. The Series 1985 A Bonds shall be in denominations of \$5,000 and integral multiples thereof and shall be dated November 15, 1985.

(d) Maximum Aggregate Principal Amount. The Series 1985 A Bonds shall be issued in a maximum aggregate principal amount not to exceed \$29,500,000.

(e) Execution. The Chairman of the Board and the Treasurer are hereby authorized to make the necessary arrangements with the Original Purchasers to establish the date, location, procedures and conditions for the delivery of the Series 1985 A Bonds to the Original Purchasers and to take all steps as necessary to effect due execution, authentication and delivery of the Series 1985 A Bonds to the Original Purchasers under the terms of this Resolution. The Series 1985 A Bonds shall be signed by the Chairman of the Board and the Treasurer in their official capacities

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(provided that both of the signatures may be facsimiles) and shall bear the corporate seal of the University or a facsimile thereof.

(f) Interest and Maturities.

(i) The Series 1985 A Bonds shall bear interest on their unpaid principal amounts semi-annually on June 1 and December 1 (the "Interest Payment Dates"), beginning June 1, 1986, at the percentage rate or rates per annum set forth in the Certificate of Award (established pursuant to Section 4 herein), which rate or rates shall in no event produce an average interest rate in excess of ten percent (10%) per annum.

(ii) The Series 1985 A Bonds shall mature not later than December 1, 2005, and in such annual amount or amounts as provided for in the Certificate of Award.

(iii) Mandatory redemption of Series 1985 A Bonds of certain maturities prior to maturity, pursuant to the mandatory sinking fund requirements, is as provided in the Certificate of Award.

(iv) Certain maturities of the Series 1985 A Bonds, as provided in the Certificate of Award, are subject to optional redemption at the option of the University, prior to stated maturity in whole or in part, in accordance with the terms, conditions, redemption prices and on the dates set forth in the Certificate of Award. Notice of call for and other terms and provisions governing redemption of the Series 1985 A Bonds shall be given in the manner provided in the Indenture.

(g) Security. There is hereby pledged, in priority to all other expenses, claims and payments, to the security of the Series 1985 A Bonds and other Parity Obligations and for the payment of the Bond Service Charges and for establishment and maintenance of the Bond Reserve Requirement as provided in the Indenture, the gross amount of General Receipts of the University (subject to the provisions for the partial release of a pledge of General Receipts contained in Section 4.11 of the Indenture), and the Special Funds, as provided in the Indenture. In accordance with the Act, all the General Receipts or portion thereof are immediately subject to the lien of the pledge upon receipt thereof by the University, and such pledge creates a perfected security interest without necessity for prior separation, physical delivery, filing or recording or further act.

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For the further security of the Series 1985 A Bonds, and any Additional Bonds, the University hereby covenants with the bondholders and the Trustee that so long as any Series 1985 A Bonds or Additional Bonds are outstanding, the University will fix, make, adjust and collect fees, rates, rentals, charges, and other items of General Receipts, as will produce at all times General Receipts sufficient (i) to pay Bond Service Charges when due, (ii) to establish and maintain the Bond Reserve Requirement as provided in the Indenture, (iii) together with other monies lawfully available therefor, to pay all costs and expenses required to be paid under the Bond proceedings, and (iv) together with other monies lawfully available therefor, to pay all other costs and expenses necessary for the proper maintenance and successful and continuous operation of the University.

All Series 1985 A Bonds and other Parity Obligations shall be equally and ratably secured by the pledge of the General Receipts and the Special Funds, to the extent provided in, and except as otherwise provided by the Indenture. Nothing in the Act, this Resolution, the Indenture or other Bond proceedings gives the holders of Series 1985 A Bonds, and they do not have, the right to have the General Assembly of the State levy any excises or taxes for the payment of Bond Service Charges and each Series 1985 A Bond shall bear on its face a statement to that effect and to the effect that the right of such holders to the payment of Bond Service Charges shall be limited to payment thereof from the General Receipts and the Special Funds as provided herein; provided, however, that nothing herein or in the Bond proceedings shall be deemed to prohibit the University or the State, of their own volition, from using to the extent lawfully authorized to do so any other resources for the fulfillment of the terms, conditions or obligations of this Resolution, the Indenture and the Series 1985 A Bonds.

(h) Payment, Places of Payment and Paying Agents. Principal of and redemption premium on the Series 1985 A Bonds when due shall be payable to the registered holders, upon presentation and surrender thereof, at the principal corporate trust office of The Huntington National Bank, Columbus, Ohio. Interest shall be payable by check or draft mailed by the Trustee as provided in the Indenture.

Section 3. General Terms and Provisions of All Bonds.

(a) Designation, Payment and Form. All Bonds of each Series shall bear such designations as may be necessary to distinguish them from Bonds of any other Series. Bond

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Service Charges on all Bonds shall be payable in lawful money of the United States of America in the manner provided in the applicable Series Resolution. Subject to the provisions of an applicable Series Resolution, Bonds shall be issued only as fully registered Bonds and may be exchanged as provided in the Indenture. All Bonds shall be negotiable instruments, subject to applicable provisions for registration, and shall express on their faces the purpose for which issued and such other statements or legends as may be required by law.

(b) Execution. All Bonds shall be executed in the manner provided in this Resolution or any Series Resolution authorizing their issuance or in the manner provided by the applicable law in effect at the time of their issuance. In case any officer or member whose signature or a facsimile of whose signature shall appear on any Bonds shall cease to be such officer or member before the issuance, authentication or delivery of such Bonds, such signature or such facsimile shall nevertheless be valid and sufficient for all purposes, the same as if the officer or member had remained in office until that time.

(c) Redemption Features. Unless otherwise provided in the applicable Series Resolution, notice of a call for redemption of all Bonds shall be given in the manner provided in the Indenture. If Bonds or portions of Bonds are duly called for redemption and if on such redemption date monies for the redemption of all the Bonds or portions thereof to be redeemed, together with accrued interest to the redemption date and any applicable redemption premium, shall be held by the Trustee or Paying Agents so as to be available therefor and if the notice of redemption shall have been deposited in the mail as provided in the Indenture, then from and after such redemption date such Bonds or portions of Bonds shall cease to bear interest.

(d) Security. All Bonds shall be secured by a pledge of the General Receipts of the University, or such portion thereof as specifically provided in this Resolution or any applicable Series Resolution but subject to and consistent with the provisions of Section 4.11 of the Indenture and any Supplemental Indenture executed pursuant thereto. Additional Bonds may be issued as Parity Obligations secured by a pledge of a first lien on the General Receipts or as Subordinated Obligations, secured by a pledge of a subordinated lien on the General Receipts, as provided in the Indenture and applicable Series Resolution. Unless otherwise provided in any Series Resolution, Additional Bonds shall be equally and ratably payable from the General Receipts and the Special Funds and accounts

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therein. Nothing in any Series Resolution, the Additional Bonds or the Indenture shall constitute a general obligation, debt or bonded indebtedness of the State and, further, nothing therein gives the holders or owners of Bonds and they do not have, the right to have excises or taxes levied by the State for the payment of Bond Service Charges on the Bonds, but such Bonds are payable from the General Receipts and the Special Funds as provided herein, in any Series Resolution and in the Indenture, and each Bond shall contain on the face thereof a statement to that effect; provided that nothing herein or in the applicable Series Resolution shall be deemed to prohibit the State or the University, of their own volition, from using to the extent they are lawfully authorized to do so, any other sources or revenues for the fulfillment of any of the terms, conditions or obligations of the Bond proceedings or any of the Bonds.

All of the above general terms and provisions are subject to more specific terms and provisions contained herein, in the Indenture, any Supplemental Indenture and any Series Resolution.

Section 4. Sale of the Series 1985 A Bonds; Redemption of Prior Obligations; Transfer of Existing Amounts. The Series 1985 A Bonds are sold and awarded to the Original Purchasers in accordance with the Contract of Purchase at the purchase price provided in the Certificate of Award. The form of Contract of Purchase now on file with the Secretary of the Board is hereby approved, together with any changes therein and completions thereof which are not inconsistent with this Resolution and not substantially adverse to the University, and as are permitted by the Act and approved on behalf of the University by the Treasurer. The approval on behalf of the University of those changes and completions by the Treasurer, and the status of those changes as not substantially adverse to the University, shall be conclusively evidenced by the execution of the Contract of Purchase on behalf of the University by the Treasurer. It is determined hereby that the purchase price and the manner of sale and the terms of the Series 1985 A Bonds, as provided in this Resolution, are consistent with all legal requirements and will carry out the public purposes of the Act.

Such award shall be further evidenced by the Certificate of Award, which shall state the aggregate principal amount of the Series 1985 A Bonds to be issued, the purchase price, the allocation of proceeds, the interest rate or rates, the maturity dates and annual principal retirement schedule, the mandatory sinking fund

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requirements, the optional redemption provisions, and the amounts to be transferred from the Special Funds (except the Construction Fund for the 1983 Bonds) under the Prior Obligations to the Escrow Fund, all as determined in accordance with the provisions of this Resolution and the Contract of Purchase. The Certificate of Award shall also include the form of the Series 1985 A Bonds (the "Form of Bond"), attached thereto as Exhibit A. The Series 1985 A Bonds shall be executed by the Chairman of the Board and the Treasurer, on behalf of the University, in substantially the form now on file with the Secretary of the Board, but shall reflect any modifications, changes and supplements required to conform the Form of Bond with the provisions of the Certificate of Award. The Treasurer shall approve, on behalf of the Board, any such modifications, changes and supplements. The Certificate of Award is hereby authorized and shall be executed by the Treasurer and shall also contain such other data or provisions as such officer determines are appropriate or necessary, consistent with this Resolution, the Indenture and the Contract of Purchase. The Certificate of Award shall be deemed a part of this Resolution in connection with the authorization, issuance and sale of the Series 1985 A Bonds.

The Treasurer is authorized and directed to make the necessary arrangements with the Original Purchasers to establish the date, location, procedures and conditions for the delivery of the Series 1985 A Bonds to the Original Purchasers and to take all steps necessary to effect due execution, authentication and delivery of the Series 1985 A Bonds to the Original Purchasers under the terms of this Resolution.

The Official Statement, substantially in the form of the Preliminary Official Statement now on file with the Secretary of the Board, shall be executed by the Treasurer on behalf of the University in his official capacity with any modifications, changes and supplements necessary or desirable for the purposes thereof which the Treasurer shall approve.

The 1981 Bonds and the 1983 Bonds, hereby authorized to be called for optional redemption at their earliest or some later redemption date pursuant to the 1971 Trust Agreement, may be redeemed from cash and/or Federal Securities (as defined in the Indenture) (the "Securities") on deposit in the Escrow Fund (hereinafter defined) held by the Escrow Trustee and in accordance with the Escrow Agreement and the 1971 Trust Agreement or, at the option of the University, all 1981 and 1983 Bonds may be permitted to be retired on their stated maturity dates (without call for

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redemption prior to maturity) from cash or securities in accordance with the Escrow Agreement and the 1971 Trust Agreement. The Treasurer is hereby authorized on behalf of the University to execute the Escrow Agreement, in substantially the form submitted to the Board, and hereby approved, with such changes, modifications and supplements necessary or desirable for the purposes thereof which the Treasurer shall approve. The Escrow Trustee is authorized and directed on behalf of the University to subscribe for such Securities to the extent such Securities are to be those United States Treasury Obligations, State and Local Government Series provided for in 31 C.F.R. Part 344. The University hereby approves and authorizes the use of any monies and investments held in the Special Funds under the 1971 Trust Agreement, except monies in the Construction Fund for the 1983 Bonds, to refund the Prior Obligations. The Securities deposited in the Escrow Fund are to be certified by Coopers & Lybrand, or another independent public accounting firm of national reputation, to be of such maturities and interest payment dates and to bear such interest as will, without further investment or reinvestment of either the principal amount thereof or the interest earnings therefrom, be sufficient to (i) pay the interest on the Prior Obligations; (ii) retire on their stated maturity dates the Prior Obligations; and (iii) redeem by optional redemption on the earliest optional redemption date or some later redemption date the Prior Obligations, together with the premium payable thereon, and thereby discharge and satisfy the covenants, agreements and other obligations of the University under the 1971 Trust Agreement securing the Prior Obligations. There is hereby created the Escrow Fund (the "Escrow Fund") which shall be in the custody of the Escrow Trustee and the Securities and any other monies in the Escrow Fund shall be held in trust for and shall be used solely for the payment of the principal of, premium, if any, on and interest on the Prior Obligations as provided in the Escrow Agreement. To the extent the Escrow Agreement provides for or contemplates the redemption of the Prior Obligations prior to the respective several maturity dates, the acceptance of the Escrow Agreement by the Escrow Trustee shall constitute notice to the Prior Obligations Trustee under the 1971 Trust Agreement of the request for giving of notice for redemption with respect to those Prior Obligations as provided for in Section 3.03 of the 1971 Trust Agreement.

Section 5. Allocation of Proceeds. A portion of the proceeds from the sale of the Series 1985 A Bonds, along with certain monies of the University, as provided in the Certificate of Award, will be transferred to the Escrow Trustee for deposit into the Escrow Fund pursuant to the

**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL
RECEIPTS REFUNDING BONDS, 1985 SERIES A,
OF THE OHIO STATE UNIVERSITY (contd)**

Escrow Agreement dated November 15, 1985. A portion of the proceeds from the sale of the Series 1985 A Bonds will be transferred to the Expense Fund to pay issuance costs, to purchase a surety bond or insurance policy which provides for the Bond Reserve Requirement and to pay certain other expenses associated with the issuance of the Series 1985 A Bonds. Pursuant to the Escrow Agreement, any and all amounts remaining in the Bond Pledge Fund, the Bond Service Fund and accounts therein (except the Construction Fund for the 1983 Bonds), as well as in other special accounts of the Prior Obligations are to be transferred to the respective funds and accounts as provided in the Escrow Agreement.

Section 6. Series Resolutions. Each subsequent issue of Bonds shall be authorized by a resolution adopted by the Board (the "Series Resolution"). Each Series Resolution shall provide, in a manner consistent with this Resolution and the Indenture, for the following with respect to each series of Additional Bonds thereby authorized:

(1) the purpose for which issued as permitted by the Act;

(2) the authorized principal amount;

(3) the security and the status of the security interest (whether parity or subordinate);

(4) the date of such Bonds, the interest rate or rates or the maximum interest rate (whether fixed or variable), their maturities, and the interest payment dates;

(5) the series designation and denominations of and manner of numbering;

(6) the redemption provisions, if any, including any premium to be paid upon redemption;

(7) mandatory sinking fund requirements, if any;

(8) the place or places of payment of the Bond Service Charges;

(9) the manner of sale;

(10) the disposition of the proceeds from the issuance;

(11) the funding of the Bond Reserve Requirement consistent with the Indenture;

October 31 and November 1, 1985 meeting, Board of Trustees

**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL
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(12) the authorization of a Supplemental Indenture; and

(13) any other provisions deemed advisable by the Board.

Each Series Resolution shall state that it is adopted pursuant to this Resolution and the Indenture.

Section 7. Bond Fund. There is hereby created by the University and ordered maintained as a separate deposit account (except when invested as hereinafter provided) in the custody of the Trustee in the name of the University designated the "University Bond Fund" (the "Bond Fund"). The Bond Fund is hereby pledged to the payment of Bond Service Charges in the manner hereinafter provided, in priority to any and all other expenses, claims or payments, and on parity with any subsequent pledge of General Receipts to Additional Bonds issued pursuant to a Series Resolution.

There is hereby created by the University and ordered maintained as a separate deposit account within the Bond Fund, in the custody of the Trustee and in the name of the University, the "Bond Service Account." The University shall deposit in this account from General Receipts monies sufficient in time and amount to pay the Bond Service Charges on the Bonds as they become due in the manner provided in the Indenture, any Supplemental Indenture, this Resolution and any Series Resolution.

There is hereby created by the University and ordered maintained as a separate deposit account within the Bond Fund, in the custody of the Trustee and in the name of the University, the "Special Bond Service Account." The Trustee shall transfer from the Bond Fund to the Special Bond Service Account such monies as are necessary for the redemption or purchase of principal amount of any Bonds as provided in the Indenture, any Supplemental Indenture and any Series Resolution.

The Trustee is further authorized, pursuant to any Series Resolution adopted in connection with the issuance of Additional Bonds, to establish and maintain such additional funds or accounts as necessary for the proper maintenance of any Additional Bonds.

Section 8. Bond Reserve Fund. There is hereby created by the University and ordered maintained as a separate deposit account (except as hereinafter provided) in the custody of the Trustee in the name of the University an account to be designated the "Bond Reserve Fund." The

**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL
RECEIPTS REFUNDING BONDS, 1985 SERIES A,
OF THE OHIO STATE UNIVERSITY (contd)**

Trustee is authorized, in satisfaction of the Bond Reserve Requirement and in substitution for deposits to the Bond Reserve Fund, to purchase and maintain a surety bond or insurance policy in a face amount equal to the Maximum Annual Debt Service, as defined in the Indenture, but may, at the option of the University, fund the Bond Reserve Fund out of proceeds from the sale of the Series 1985 A Bonds. The surety bond or insurance policy, if purchased, is payable by the Trustee from the Expense Fund created in Section 10 of this Resolution.

Section 9. Construction Fund. There is hereby created by the University and ordered maintained a separate deposit account designated the "University Construction Fund" (the "Construction Fund"). The Construction Fund shall be funded from monies currently on deposit in the Construction Fund created pursuant to the issuance and sale of the 1983 Bonds (the "1983 Construction Fund"). The Prior Obligations Trustee is hereby authorized to transfer to the Trustee all of the monies currently in the 1983 Construction Fund for deposit in the Construction Fund. Monies in the Construction Fund (including monies earned on investment of monies in the Construction Fund) may be used for the payment or reimbursement of all costs and expenses constituting Prior Project costs including those costs incurred by the University for and in connection with the acquisition, construction, furnishing, equipping and improving of the Prior Project or any part thereof, and all costs and expenses of the repair, reconstruction, improvement, alteration and enlargement of the Prior Project or any part thereof pursuant to any Series Resolution.

Each payment or reimbursement by the Trustee from the Construction Fund shall be made only upon receipt by the Trustee of a written order of such payment or reimbursement signed by the Treasurer, which shall specify the name or names of the persons to whom such payment or reimbursement is to be made and the amount thereof, and contain a certification that (i) none of the items for which the payment or reimbursement is proposed to be made has formed the basis for any payment or reimbursement theretofore made from the Construction Fund and, (ii) each item for which payment or reimbursement is made or is proposed to be made is or was permitted to be paid from the Construction Fund in accordance with this Section. All monies in the Construction Fund (including monies earned thereon by investment thereof) remaining after receipt by the Trustee of a certification of completion described in the succeeding paragraph and after payment, or provision for payment in full of the costs and expenses provided in the first sentence of this paragraph, then due and payable, except for

**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL
RECEIPTS REFUNDING BONDS, 1985 SERIES A,
OF THE OHIO STATE UNIVERSITY (contd)**

such costs and expenses which the Treasurer certifies are not then due and payable, shall, at the direction of the University, be applied by the Trustee to fund additional projects constituting University Facilities (the "Additional Projects") or for such other purposes as provided in the Indenture."

The completion of the acquisition, construction, furnishing and equipping of the Prior Project or an Additional Project shall be evidenced by the filing with the Trustee of a certification in writing signed by the Treasurer, which certification shall state that all costs and expenses incurred in connection with the acquisition, construction, furnishing, equipping and improving of the Prior Project or Additional Projects and payable out of the Construction Fund have been paid and discharged, except for such costs and expenses which the Treasurer certifies are not then due and payable.

Section 10. Expense Fund. There is hereby created by the University and ordered maintained as a separate deposit account in the custody of the Trustee in the name of the University an account designated the "University Expense Fund" (the "Expense Fund"). A portion of the proceeds from the Series 1985 A Bonds shall be deposited by the Trustee at the written direction of the Treasurer in the Expense Fund for the purposes of paying the premium on any surety bond or insurance policy purchased to satisfy the Bond Reserve Requirement and paying certain costs and expenses associated with the issuance of the Series 1985 A Bonds.

Section 11. Conditions for Issuing Additional Bonds. No Additional Bonds shall be issued pursuant to any Series Resolution unless the applicable conditions listed in Sections 2.10, 2.11 and 2.12 of the Indenture have been met.

Section 12. Application of Bond Proceeds. The proceeds from the sale of the Series 1985 A Bonds shall be applied solely to the purposes for which such issue is authorized pursuant to Section 2 hereof. Such proceeds shall be allocated for such purposes as provided in this Resolution, the applicable Series Resolution, and in the Indenture, and shall be held, invested and paid out as therein provided.

Section 13. Further Covenants. In addition to the covenants elsewhere contained herein, the University further covenants as follows:

**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL
RECEIPTS REFUNDING BONDS, 1985 SERIES A,
OF THE OHIO STATE UNIVERSITY (contd)**

(a) Payment. The University will, from the sources herein provided, pay or cause to be paid the Bond Service Charges on each and all Bonds on the dates, at the places and in the manner provided herein, in any Series Resolution, in the Indenture, in any Supplemental Indenture and in the Bonds, according to the true intent and meaning thereof.

(b) Maintenance of Pledge. The University will not make any pledge or assignment of or create or suffer any lien or encumbrance upon the Bond Fund, the Bond Reserve Fund, the Construction Fund, the Expense Fund or General Receipts prior to or on a parity with the pledge thereof hereunder, except as authorized or permitted under the Indenture.

(c) Observance of Covenants. The University will at all times faithfully observe and perform all covenants, undertakings, stipulations and provisions contained in this Resolution, the Indenture, any Supplemental Indenture, any Series Resolution and in any and every Bond executed, authenticated and delivered under the Indenture, and in all other proceedings pertaining to the Bonds.

(d) Duties Binding on All with Authority; Enforcement by Mandamus. Each provision of the Bond proceedings is binding upon such officer, board, authority, agency, department, or other person or body as may from time to time have the authority under law to take such actions as may be necessary to perform all or any part of the duty required by such provision; and each duty of the University and the Board, and of their members, officers and employees, undertaken pursuant to the Bond proceedings for the Bonds is established as a duty of the University, the Board and of each such member, officer, and employee having authority to perform such duty, specifically enjoined by law resulting from an office, trust, or station within the meaning of Section 2731.01 of the Ohio Revised Code, providing for enforcement by writ of mandamus.

(e) Annual Reports. Within one hundred and eighty days after the end of each Fiscal Year, the University shall submit to the Trustee and each Original Purchaser, and to each bondholder who requests the same, an annual report by the University showing the financial operations of the University during the preceding Fiscal Year, which may be in the form submitted to State officials, and also showing the status of all Special Funds at the end of such Fiscal Year and the receipts thereto and payments therefrom during such Fiscal Year, and such other data as the Trustee may reasonably deem to be relevant under the

**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL
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Indenture and which was requested in writing. Upon request of the Trustee or the Original Purchasers, the University will make available a copy of any reports concerning the University (including audited financial statements) prepared by the official auditing agency of the State, presently the Auditor of the State, or an independent certified public accountant designated by the Auditor of the State or the University if authorized by law, subject to the availability of such reports.

(f) Inspection and Audit of Records. The Trustee, each Original Purchaser, and the holders of twenty-five percent (25%) or more of the principal amount of all outstanding Bonds shall have the right at all reasonable times to inspect and audit any records, books, documents, Special Funds, and accounts of the University, relating to the Series 1985 A Bonds. Such inspection or audit may be conducted by an independent certified public accounting firm designated by the party entitled to make the inspection.

(g) Further Assurance. The University will at any and all times pass, make, do, execute and deliver such further resolutions, acts, instruments and assurances as may be necessary or desirable to carry out the purposes of this Resolution and the Indenture.

(h) Investment of Fund Monies. Except as otherwise restricted in this Resolution, any monies held as a part of any of the Special Funds or credited to any account maintained therein, at the oral or written request of the University, shall be invested or reinvested by the Trustee in Eligible Investments. No such investments shall be made for a term exceeding the date of final maturity of the Bonds. Oral requests shall be promptly confirmed in writing. The type, amount and maturity (which shall be such so that the monies invested will be available to make payments from the appropriate Special Fund or account as the monies are required from that Special Fund or account) of such investments shall be as specified by the University. Any such investment made by the Trustee may be purchased from, sold to or made with the Trustee or any commercial bank affiliate or either, and such investments shall be held by or under the control of the Trustee and shall be deemed at all times a part of the Special Fund or account from which the investment shall be credited, except as otherwise herein provided, and any loss resulting from such investments shall be charged, to the Special Fund or account from which the investment was made. The Trustee shall sell and reduce to cash a sufficient portion of investments under the provisions of this Section whenever the cash balance in any Special Fund or account therein is insufficient to pay

**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL
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the current requirements from that Special Fund or account. The Trustee shall sell or redeem investments standing to the credit of the Special Funds to produce sufficient monies applicable hereunder to and at the times required for the purposes of paying Bond Service Charges when due as aforesaid, and shall do so without necessity for any order on behalf of the University and without restriction by reason of any such order. Any income on any investment made from monies credited to the Construction Fund shall be credited to the Construction Fund. Any income on any investment made from monies credited to any account in the Bond Reserve Account shall be credited to that account. Investments shall be valued in the manner provided in the Indenture.

(i) Arbitrage Provisions; Transcript. The University hereby covenants that it will restrict the use of the proceeds of the Series 1985 A Bonds in such manner and to such extent, if any, as may be necessary, after taking into account reasonable expectations at the time of the delivery of and payment for the Series 1985 A Bonds, so that the Series 1985 A Bonds will not constitute "arbitrage bonds" under Section 103(c) of the Internal Revenue Code of 1954, after taking into account reasonable expectations at the time of the delivery of and payment for the Series 1985 A Bonds. To that end, the Chairman of the Board or any other officer, including the Secretary of the Board or Treasurer, having responsibility with respect to the issuance of the Series 1985 A Bonds, is authorized and directed, alone or in conjunction with any of the foregoing or with any other officer, employee, consultant or agent of the University, to give an appropriate certificate on behalf of the University, for inclusion in the transcript of proceedings for the Series 1985 A Bonds, setting forth the reasonable expectations of the University regarding the amount and use of all such proceeds and the facts, estimates and circumstances on which they are based, all as of the date of delivery and payment for such Series 1985 A Bonds.

The Secretary of the Board shall furnish to the Original Purchasers a true transcript of proceedings, certified by the Secretary of the Board, of all proceedings had with reference to the issuance of the Series 1985 A Bonds along with such information from the records of the University as is necessary to determine the regularity and validity of the issuance of said Series 1985 A Bonds.

Section 14. Indenture. In order better to secure the payment of the Bond Service Charges as the same shall become due and payable, the Chairman of the Board, the President of the University and the Secretary of the Board

**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL
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and the Treasurer, or any one or more of them, are authorized and directed to execute, acknowledge and deliver, in the name and on behalf of the University, an Indenture to the Trustee, in substantially the form submitted to this Board, and hereby approved, with such changes therein not substantially adverse to the University as may be permitted by the Act and approved by the officers executing the same on behalf of the University. The approval of such changes by said officers, and that such changes are not substantially adverse to the University, shall be conclusively evidenced by the execution of the Indenture by such officers.

This Resolution must be considered in conjunction with the Indenture for all purposes, including, without limitation thereto, application to this Resolution of the provisions contained in the Indenture for amendment, modification and supplementation, and provisions for separability.

Section 15. Open Meeting Determination. It is found and determined that all formal actions of the Board concerning and relating to the adoption of this Resolution or adopted in an open meeting of the Board, and that all deliberations of the Board and of any of its committees that resulted in such formal action were in meetings open to the public, in compliance with all legal requirements including Section 121.22 of the Ohio Revised Code.

Section 16. Effective Date. This Resolution shall take effect and be in force immediately upon its adoption. Reference shall be made to the Indenture concerning matters not specifically addressed in this Resolution.

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

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 86-56

RESOLVED, That the report on the University's Investment Portfolio, dated October 18, 1985, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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October 31 and November 1, 1985 meeting, Board of Trustees

Thereupon the Board adjourned to meet Thursday, December 5, 1985, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 6:30 p.m.

Attest:

Madison H. Scott
Secretary

John F. Havens
Chairman

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND TWO HUNDRED AND SIXTEENTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, December 5 and 6, 1985

The Board of Trustees met at its regular monthly meeting on Thursday, December 5, and Friday, December 6, 1985, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

* * *

Minutes of the last meeting were approved.

* * *

December 5 and 6, 1985 meeting, Board of Trustees

The Chairman, Mr. Havens, called the meeting of the Board of Trustees to order on December 5, 1985, at 6:40 p.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: John F. Havens, Chairman, Daniel M. Galbreath, Leonard J. Immke, John W. Berry, Shirley D. Bowser, Hamilton J. Teaford, John J. Barone, and Deborah E. Casto.

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Mr. Havens reconvened the meeting on December 6, 1985, at 9:50 a.m.

Present: John F. Havens, Chairman, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, Hamilton J. Teaford, John J. Barone, and Deborah E. Casto.

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RENAMING OF FACILITY

Resolution No. 86-57

Synopsis: Renaming of the Child and Family Studies Laboratory in Campbell Hall is proposed.

WHEREAS the late A. Sophie Rogers, M.D., Ph.D., a former faculty member at The Ohio State University, was well-known for her great interest in children; and

WHEREAS the A. Sophie Rogers Foundation has taken actions that will lead to the establishment of an endowment to support the Child and Family Studies Laboratory in the College of Home Economics, located in Room 100 Campbell Hall; and

WHEREAS upon the recommendation of the President, with the concurrence of the President's Staff, it has been proposed that the Child and Family Studies Laboratory bear the name "The A. Sophie Rogers Laboratory for Child and Family Studies," to honor and recognize the memory of Dr. Rogers and the substantial support provided to the laboratory by the A. Sophie Rogers Foundation:

NOW THEREFORE

BE IT RESOLVED, That in accordance with the Bylaws of the Board of Trustees, the aforementioned facility shall be renamed "The A. Sophie Rogers Laboratory for Child and Family Studies."

December 5 and 6, 1985 meeting, Board of Trustees

RENAMING OF FACILITY (contd)

Upon motion of Mrs. Bowser, seconded by Mr. Teafor, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 86-58

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the November 1, 1985 meeting of the Board, including the following Promotion, Leaves of Absence Without Salary, Leave of Absence Without Salary--Continuation, Professional Improvement Leave, Professional Improvement Leaves--Change of Date, Emeritus Titles, Emeritus Title--Change in Title, and Retirement Credit Purchase as detailed in the University Budget be approved, and the Medical Staff Appointments/Reappointments approved October 31 and November 21, 1985, by the Hospitals Board be ratified.

Promotion

Name:	SUE A. BLANSHAN	Title:	Executive Officer for Human Relations
Office:	President's	Effective:	November 14, 1985
Salary:	\$47,520.00	Present Position:	Coordinator of Student Programs, Office of Student Life

Leaves of Absence Without Salary

DAVID O. EDWARDS, Professor, Department of Physics, effective Winter Quarter 1986, to work in the Groupe de Physique des Solides at Ecole Normale Supérieure in Paris, France.

JEROME H. REICHMAN, Associate Professor, College of Law, effective Winter Semester 1986, to accept a Visiting Professorship at the University of Florida.

KENNETH M. HAMILTON, Assistant Professor, Departments of Black Studies and History, effective Winter Quarter, Spring Quarter and Autumn Quarter 1986, to accept a Visiting Professorship at Memphis State University.

Leave of Absence Without Salary--Continuation

WILLIAM B. JOHNSON, Professor, Department of Mathematics, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986, to visit Texas A & M.

December 5 and 6, 1985 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leave of Absence Without Salary--Continuation (contd)

NICHOLAS ERCOLANI, Assistant Professor, Department of Mathematics, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986, to continue his research.

Professional Improvement Leave

DAVID W. KRAMER, Assistant Professor, Department of Botany, effective January 1, 1986, through June 30, 1986.

Professional Improvement Leaves--Change of Date

LARRY C. CAREY, Professor, Department of Surgery, change leave from July 1, 1985 through December 31, 1985, to July 1, 1985 through October 31, 1985.

STEPHEN S. PINSKY, Professor, Department of Physics, change leave from Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986, to Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987.

JAMES M. FALKO, Associate Professor, Department of Medicine, change leave from December 1, 1985 through March 31, 1986, to December 9, 1985 through May 23, 1986.

Emeritus Titles

JOHN H. HOLZAEPPFEL, Department of Obstetrics and Gynecology, with the title Professor Emeritus, effective August 1, 1985.

PATRICIA M. MEYER, Department of Psychology, with the title Professor Emeritus, effective November 21, 1985.

HOMER A. ANDERSON, Department of Pediatrics, with the title Clinical Professor Emeritus, effective July 1, 1985.

Emeritus Title--Change in Title

CAROL J. KEITH, Department of Life Span Process, with the title Assistant Professor Emeritus, changed to Department of Life Span Process, with the title Associate Professor Emeritus, effective July 1, 1985.

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

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December 5 and 6, 1985 meeting, Board of Trustees

RETIREMENT CREDIT PURCHASE

Resolution No. 86-59

Synopsis: Purchase of prior years of teaching service is proposed.

WHEREAS under State law, provision is made for supplementing a person's retirement benefits by the purchase of prior years of teaching service at state universities other than in the State of Ohio; and

WHEREAS Vice President A. Max Lennon qualifies under this law for the purchase of additional years of such credit from State Teachers Retirement System of Ohio; and

WHEREAS the purchase of 3.25 years of service by the University is consistent with the terms stipulated in the original letter of offer and subsequent appointment of Dr. Lennon as Vice President for Agricultural Administration and Executive Dean for Agriculture:

NOW THEREFORE

BE IT RESOLVED, That

- (1) the existing employment contract entered into between The Ohio State University and A. Max Lennon on July 1, 1985, be cancelled effective the end of November, 1985.
- (2) a new employment contract for the term December 1, 1985, through March 1, 1986, be issued to him at his present salary of \$92,280.00 per annum, subject to the sufficiency of legislative appropriations to the University.
- (3) the Secretary of the Board of Trustees be authorized to implement the purchase of such prior service credit in the State Teachers Retirement System of Ohio on behalf of A. Max Lennon from unrestricted monies received by the University pursuant to Section 3345.16 of the Ohio Revised Code.

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

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December 5 and 6, 1985 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM

Resolution No. 86-60

Synopsis: Resolutions honoring the service of four of the University's faculty members who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Eleanor Anawalt

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 15, 1985, of Eleanor Anawalt, Associate Professor Emeritus in the School of Music.

Ms. Anawalt was born on August 26, 1896, in Columbus, Ohio. She graduated from The Ohio State University with a Bachelor of Arts degree in 1943 and a Master of Arts degree with a major in music in 1947.

Ms. Anawalt served the University for thirty years. Her major teaching assignments were in the area of piano, theory, and ear training. She retired at the rank of Associate Professor in June 1964.

On behalf of the University community, the Board of Trustees expresses to the family of Ms. Anawalt its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Ernest W. Bowerman

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 7, 1985, of Ernest Bowerman, Professor Emeritus in the Department of Chemistry.

Ernest William Bowerman was born on March 11, 1905, in Mitchell, South Dakota. He completed his high school education in Phillip, South Dakota, in 1924, by serving one year as a teacher in a one-room county school. He then attended the Northern State Teachers College at Aberdeen, South Dakota, graduating in 1929 with a major in mathematics. After serving one year as a science and mathematics teacher in the high school at Mellette, South Dakota, he was awarded a teaching fellowship at the South Dakota State School of Mines, Rapid City, South Dakota.

December 5 and 6, 1985 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Ernest W. Bowerman (contd)

There he assisted with laboratory instruction in general chemistry and studied chemical engineering. He earned a B.S. in Chemical Engineering in 1933. That same year he joined the Junior Staff in the Chemistry Department at The Ohio State University where he worked as a graduate teaching assistant and earned the Ph.D. degree in Chemistry in 1937. Following graduation, he joined the Humble Oil and Refining Company as a Research Chemist in the Refining Research and Development Division.

During his 29 years with the Humble Company and Esso Research, he specialized in petroleum process development work for the production of motor fuels and petrochemicals. His work contributed significantly to the world's first commercial scale isobutane-olefin alkylation facility for production of aviation gasoline and also led to the first plant for commercial production of toluene and other aromatics from petroleum. In 1965, Dr. Bowerman retired from his position as Department Head in the Baytown Research and Development Division of Esso Research and Engineering to return to The Ohio State University as Professor and Vice Chairman of the Department of Chemistry.

At Ohio State, Dr. Bowerman managed the business affairs of the Department of Chemistry; served as Chairman of the Safety Committee; as principal liaison with OSU chemistry alumni; industrial companies and scientific societies; as Chairman of the Department's Building Committee; as a member of the University Campus Planning Advisory Committee; and the University Traffic and Parking Commission. He created the Department's Safety Handbook; initiated regular publication of the OSU Chemistry Alumni Newsletter; played a key role in the expansion of the Chemistry Library and renovation of the War Research Building (now Johnston Laboratory); and initiated planning which led to replacement of the McPherson Sawtooth structure. Dr. Bowerman retired as Professor Emeritus in the Department of Chemistry on June 30, 1975.

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

December 5 and 6, 1985 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

William D. Knerr

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 12, 1985, of William D. Knerr, Clinical Instructor in the Department of Surgery.

Dr. Knerr was a native of Cleveland, Ohio, and attended the Cuyahoga Falls Schools until his high school graduation in 1951. He attended Cornell University where he earned a B.S. degree and a Doctor of Veterinary Medicine degree with honors in 1959.

Dr. Knerr practiced Veterinary Medicine in Shelby, Ohio, for a short time, then was admitted to The Ohio State University College of Medicine where he was awarded a Doctor of Medicine degree with honors in 1964. He was elected to Alpha Omega Alpha Honor Medical Society.

Dr. Knerr interned and completed his residency in General Surgery at Riverside Methodist Hospital from 1964 until 1969. He was a Diplomate of the American Board of Surgery. He was also a member of several other surgical societies and published several significant articles, mostly in the American Journal of Surgery.

In 1972 Dr. Knerr was appointed Clinical Instructor in the Department of Surgery. He played a major and excellent role in the teaching of our surgical students rotating through Riverside Hospital in General Surgery.

Dr. Knerr was highly esteemed by his peers and by the students he taught. This was appropriately demonstrated by his election to Chief of Surgery at Riverside Hospital.

Dr. Knerr died suddenly on October 12, 1985, at Hilton Head Island, South Carolina. He left a legacy of admiration and professional respect among his friends and colleagues.

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

Orlo L. Musgrave

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 19, 1985, of Orlo L. Musgrave, Professor Emeritus in the Cooperative Extension Service.

December 5 and 6, 1985 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Orlo L. Musgrave (contd)

Dr. Musgrave was born August 25, 1919, in Findlay, Ohio. He attended Mt. Blanchard High School and graduated in 1937. He received his Bachelor of Science degree from OSU in Agricultural Education in 1941. He later received his Master's and Ph.D. degrees in Agronomy from OSU in 1953 and 1957 respectively.

Dr. Musgrave taught vocational agriculture at Bloomville, Ohio, for one year. He then joined the U.S. Army. After being discharged from the military, he became an Assistant County Agent in Williams County in March 1946. In November 1949 he transferred to Putnam County as a County Agricultural Agent. On July 1, 1955, Dr. Musgrave became an Extension Agronomist and Director of the Soil Test Service. He held this position until January 1, 1965, when he became the Assistant Director of Administration. He was named the Associate Director of the Ohio Cooperative Extension Service on January 1, 1970, and held this position until his retirement on December 31, 1974.

Dr. Musgrave was a member of Gamma Sigma Delta, Epsilon Sigma Phi, and the American Society of Agronomy. He wrote numerous publications and articles and was highly respected by his peers and associates throughout the state and country.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Musgrave its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family of Dr. Musgrave as a sincere expression of the Board's realization of the loss that the family, the University, and his many friends and associates have sustained.

Upon motion of Mr. Galbreath, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 86-61

Synopsis: The reports on contracts, grants, and gifts and the summary for October 1985 are presented for Board acceptance.

December 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station and The Ohio State University Development Fund during the month of October 1985 be approved.

Upon motion of Mr. Immke, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

SUMMARY FOR OCTOBER 1985

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	98	\$6,752,929.29
Engineering Experiment Station	31	\$ 829,498.00
Total		\$7,582,427.29
The Ohio State University Development Fund		
Establishment of Named Funds		
Admiral Richard Evelyn and Marie Ames Byrd Fund (Fellowships - Arctic or Antarctic Research)		\$ 417,364.82
Dorothy and George H. Alber Scholar- ship Fund (Scholarship - Marion Campus)		\$ 100,000.00
The Dorothy J. and Herbert L. Fenburr Scholarship Fund (Scholarship - Chemical Engineering)		\$ 25,000.00

December 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR OCTOBER 1985 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

The James A. Piccinini Athletic Endowment Fund (Supplement the grant-in-aid fund for student athletes participating in varsity football)	\$ 25,000.00
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The Howard D. Winbigler Fund in Engineering (Aid research, teaching and service programs/facilities - College of Engineering)	\$ 10,325.00
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Helen Holiday Weller Fund for Medical Research (Income for initiating new research projects - College of Medicine)	\$ 10,000.00
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The Arthur H. Robinson Fund (Support graduate and undergraduate research expenses, travel, and equip- ment - Department of Geography)	\$ 7,000.00
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Bea Cleveland College of Home Economics and Ohio 4-H Support Fund (College of Home Economics Programs Fund and Ohio 4-H advisor training)	\$ 5,000.00
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Lillian Lewis Marquand Scholarship (Scholarship - College of Home Economics)	\$ 5,000.00
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The Mabel Sarbaugh Undergraduate Honors Scholarship in Home Economics (Support undergraduate honors scholar- ships - College of Home Economics)	\$ 5,000.00
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Change of Name and Description of Named Funds

From: Benjamin T. Brooks Memorial Fund

To: Benjamin T. Brooks Family Memorial Fund

From: Litton Industries Scholarship Fund
in the College of Engineering

To: Litton Industries Fellowship Fund
in the College of Engineering

December 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR OCTOBER 1985 (contd)

The Ohio State University Development Fund (contd)

Report from Presidents Club

Members to date	5,159
1985-86 members: fiscal year to date	75
New members - October 1985	14

New Presidents Club Members - October 1985

James M. Beard	T. William Miller, Jr.
Mark O. Brose	Robert D. Patrella
Lena K. Crossen	William D. Schaffner
John R. Farrall	Helen F. Schroeder
Masao Kinoshita	Jeffrey H. Sopp

Beatrice Meats, Inc. (Richard Fullerton)
Ernie Green Industries (V. Craig Taylor)
NCR Corporation (Richard B. Reese)
Unverferth Mfg. Co., Inc. (Joe Unverferth)

December 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - October 1985

Federal Research Contracts/Grants

\$1,042,959.00 - Department of Education, Office of Special Education and Rehabilitative Services, Washington, DC, Services for Deaf-Blind Children and Youth, Department of Human Services Education (T. M. Stephens), 1 October 1985 through 30 September 1986. (Project 764408 - Continuation)

\$500,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Upgrading Laboratory Animal Facilities, University Lab Animal Resources (H. Rozmiarek), 27 September 1985 through 26 September 1986. (Project 765088 - New)

\$308,893.00 - Department of the Navy, Navy Material Command, China Lake, CA, Ram and Inlet Modeling: Compact Range Scattering, Department of Electrical Engineering, ElectroScience Laboratory (W. D. Burnside and P. H. Pathak), 6 September 1985 through 5 September 1986. (Project 764991 - Continuation)

\$150,317.00 - Department of Health and Human Services, Public Health Service, Bureau of Health Professions, Rockville, MD, Effects of Preventive Exercise on Elders, Department of Life Span Process (J. S. Stevenson), 26 September 1985 through 25 September 1986. (Project 763849 - Continuation)

\$148,770.00 - Department of the Interior, Geological Survey, Reston, VA, A Novel Two-Stage Three Phase Fluidized Bed Bioreactor with Immobilized Living Cells for Wastewater Treatment Application, Department of Chemical Engineering (L. S. Fan), 23 September 1985 through 22 September 1988. (Project 765023 - New)

\$145,456.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, B-Glucuronidase Inhibition and Chemical Carcinogenesis, Department of Physiological Chemistry (T. E. Webb) and Department of Pathology and Cancer Research Center (R. F. Barth), 1 August 1985 through 31 July 1986. (Project 764291 - Continuation)

\$136,521.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, MD, Breastfeeding Promotion in a Low Income Urban Population, Department of Pediatrics (L. K. Grossman), 1 October 1985 through 30 September 1986. (Project 765035 - New)

December 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$134,821.00 - Department of the Air Force, Office of Scientific Research, Bolling Air Force Base, DC, Modulating Transfer RNA Anticodon Modifications and Biologic Responses in Human Cells, Department of Physiological Chemistry and Cancer Research Center (R. W. Trewyn), 15 October 1985 through 14 October 1986. (Project 764432 - Continuation)

\$112,000.00 - International Development Cooperation Agency, Agency for International Development, Washington, DC, Matching Formula Title XII University Strengthening Grants, International Programs in Agriculture (F. J. Hitzhusen), 1 September 1985 through 31 August 1986. (Project 761863 - Continuation)

\$108,029.00 - Department of Health and Human Services, Public Health Service, Bureau of Health Professions, Rockville, MD, Minimizing the Harmful Sequelae of Endotracheal Suctioning, Department of Life Span Process (K. A. Stone), 28 September 1985 through 27 September 1986. (Project 764427 - Continuation)

\$103,868.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Exercise, Oxidant Stress, Antistressors and Atheroma, Department of Physiological Chemistry (A. J. Merola), 30 September 1985 through 29 September 1986. (Project 765064 - New)

\$100,997.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Immunoprevention of HTLV-1 Infection in Subhuman Primate, Department of Veterinary Pathobiology (R. G. Olsen and L. E. Mathes), 30 September 1985 through 29 September 1986. (Project 765057 - New)

\$93,039.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Dietary Fat: Physiological Function, Department of Physiological Chemistry (H. W. Sprecher), 30 September 1985 through 30 April 1986. (Project 764415 - Continuation)

\$86,203.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Pathogenesis of Virus-Induced Erythroid Aplasia, Department of Veterinary Pathobiology (G. J. Kociba), 30 September 1985 through 29 September 1986. (Project 763853 - Continuation)

December 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$85,744.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Assay Development and Preclinical Studies with NSC-34898 Cyclodisone (Task 14), College of Pharmacy (L. Malspeis), 30 September 1985 through 29 September 1986. (Project 763438 - Continuation)

\$84,092.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Neural Control of Human Intestinal Mucosa, Department of Physiology (H. J. Cooke), 1 August 1985 through 31 December 1985. (Project 765037 - New)

\$81,334.00 - Department of Education, Office of Special Education and Rehabilitative Services, Washington, DC, Investigation of a Study Technique to Increase Learning Disabled Students' Reading Comprehension of Expository Text, Department of Human Services Education (J. O. Cooper and S. E. McCormick), 1 October 1985 through 30 September 1986. (Project 765043 - New)

\$79,737.00 - National Science Foundation, Washington, DC, Proto Miwok and Proto Costanoan Reconstruction, Department of Linguistics (C. A. Callaghan), 1 November 1985 through 31 October 1987. (Project 765071 - New)

\$76,767.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Glycerophospholipid Metabolism in the Brain, Department of Physiological Chemistry (L. A. Horrocks and K. E. Richardson), 23 September 1985 through 31 August 1986. (Project 760039 - Continuation)

\$75,900.00 - National Science Foundation, Washington, DC, Curatorial Assistance for the Dwight M. DeLong Leafhopper Collection, Department of Entomology (C. A. Triplehorn), 15 October 1985 through 30 September 1987. (Project 764783 - New)

\$67,000.00 - National Science Foundation, Washington, DC, The Role of Calcium in Root Growth and Gravitropism, Department of Botany (M. L. Evans), 1 September 1985 through 31 October 1986. (Project 763770 - Continuation)

\$66,062.00 - National Science Foundation, Washington, DC, Investigation of Comagmatic Complexes Using Isotope Systematics, Department of Geology and Mineralogy (K. A. Foland), 1 November 1985 through 31 October 1986. (Project 764458 - Continuation)

December 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$64,000.00 - National Science Foundation, Washington, DC, Microcracking in Two Phase Ceramics, Department of Ceramic Engineering (K. T. Faber), 1 November 1985 through 31 October 1986. (Project 763875 - Continuation)

\$62,350.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Collaborative Ocular Melanoma Study - Clinical Center, Department of Ophthalmology (F. H. Davidorf), 30 September 1985 through 29 November 1986. (Project 765050 - New)

\$54,325.00 - Department of Education, Office of Special Education and Rehabilitative Services, Washington, DC, Parent-Child Conversation: A Longitudinal Project for Research into Intervention with Language-Delayed Handicapped Children, Nisonger Center for Mental Retardation (J. MacDonald), 1 October 1985 through 30 September 1986. (Project 764417 - Continuation)

\$49,173.00 - National Science Foundation, Washington, DC, Improvement of Facilities of The Ohio State University Herbarium, Department of Botany (T. F. Stuessy, D. Crawford and R. L. Stuckey), 15 October 1985 through 30 September 1986. (Project 764844 - New)

\$43,150.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Affinity Probes for Retinoic Acid-Binding Proteins, College of Pharmacy (R. W. Curley, Jr.), 30 September 1985 through 29 September 1986. (Project 765069 - New)

\$40,902.00 - Department of Agriculture, Agricultural Research Service, Washington, DC, A Multidisciplinary Ph.D. Fellowship Program in Food and Agricultural Marketing, Food Science and Human Nutrition, Department of Agricultural Economics and Rural Sociology (J. Havlicek) and Department of Food Science and Nutrition (J. Martin), 15 September 1985 through 31 March 1988. (Project 764460 - Continuation)

\$33,000.00 - Department of Agriculture, Agricultural Research Service, Washington, DC, Development and Use of a Model Student Recruitment Program for U.S. Colleges of Agriculture, College of Agriculture - Administration (K. W. Reisch), 1 July 1985 through 30 June 1987. (Project 763701 - Continuation)

December 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$32,000.00 - Department of Agriculture, Animal and Plant Health Inspection Service, Moorestown, NJ, Cooperative National Plant Pest Survey and Detection Program, Cooperative Extension State Operations (H. R. Willson), 1 October 1985 through 30 September 1986. (Project 763261 - Continuation)

\$30,625.00 - Department of Education, Office of Educational Resources and Improvements, Washington, DC, Using Research Knowledge to Improve Teacher Education, Department of Educational Policy and Leadership (N. Zimpher), 30 September 1985 through 29 September 1986. (Project 765034 - New)

\$30,617.00 - National Science Foundation, Washington, DC, Immediate National Supercomputer Access Improvements, Instruction and Research Computer Center (M. B. Solomon and R. S. Dixon) and Department of Chemistry (R. M. Pitzer), 15 September 1985 through 31 August 1986. (Project 765045 - New)

\$30,000.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, OH, Human Joint Articulation and Motion Resistive Properties, Department of Engineering Mechanics (A. E. Engin), 1 October 1985 through 13 July 1986. (Project 763802 - Continuation)

\$30,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, OH, Adaptive Arrays for Satellite Communication, Department of Electrical Engineering, ElectroScience Laboratory (A. A. Ksienski), 15 November 1985 through 15 February 1986. (Project 764040 - Continuation)

\$29,800.00 - National Science Foundation, Washington, DC, Universal and Nonuniversal Properties of Local Moment Systems, Department of Physics (C. Jayaprakash), 1 May 1985 through 30 April 1986. (Project 764104 - Continuation)

\$29,004.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Development of Sacral Parasympathetic Reflexes, Department of Anatomy (J. C. Bresnahan and M. G. Leedy) and Department of Surgery (M. Beattie), 1 November 1985 through 31 October 1986. (Project 765085 - New)

\$27,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Pathogenesis of Humoral Hypercalcemia of Malignancy (National Research Service Award - T. Rosol), Department of Veterinary Pathobiology (C. C. Capen), 1 October 1985 through 30 September 1986. (Project 765055 - New)

December 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$25,000.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, VA, Infrared Spectroscopy of Molecules of Atmospheric Interest, Department of Physics (K. N. Rao), 20 September 1985 through 19 September 1986. (Project 765056 - New)

\$25,000.00 - National Science Foundation, Washington, DC, Request for ARPANET Expansion, Instruction and Research Computer Center (R. S. Dixon), 15 September 1985 through 31 August 1986. (Project 765046 - New)

\$24,996.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Metabolism of Insulin - Like Growth Factors, Department of Biochemistry (L. F. Johnson and S. J. Pilistine), 1 October 1985 through 30 September 1986. (Project 765041 - New)

\$21,602.00 - Department of Health and Human Services, Public Health Service, National Institute for Occupational Safety and Health, Atlanta, GA, Zinc and Calcium Effects on Guinea Pig Nickel Dermatitis, Department of Veterinary Preventive Medicine (C. R. Dorn), 27 September 1985 through 31 August 1986. (Project 765062 - New)

\$20,004.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Infrared Studies on Cytochrome C Oxidase, Department of Physiological Chemistry (J. O. Alben and A. A. Croteau), 1 November 1985 through 31 October 1986. (Project 764438 - Continuation)

\$17,008.00 - Department of the Army, Army Corps of Engineers, Vicksburg, MS, Evaluation of the Response of Reinforced Concrete Structures Subjected to Dynamic Loads, Department of Civil Engineering (W. E. Wolfe), 15 September 1985 through 30 June 1986. (Project 765087 - Continuation)

\$17,000.00 - Department of the Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, OH, Modeling and Analysis of Polarization Effects in Coherent Radar, Department of Electrical Engineering, ElectroScience Laboratory (R. J. Marhefka), 16 September 1985 through 30 September 1985. (Project 765044 - New)

\$16,394.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Neural and Humoral Control of Mucosal Transport, Department of Physiology (H. J. Cooke), 30 September 1985 through 31 January 1986. (Project 765048 - New)

December 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$6,090.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Neoplastic Transformation of Human Epithelial Cells, Department of Physiological Chemistry and Cancer Research Center (G. E. Milo), 1 January 1985 through 31 December 1985. (Project 761756 - Continuation)

\$5,016.00 - Department of Agriculture, Agricultural Research Service, Washington, DC, Graduate Education in Soil and Water Management Engineering and Environmental Engineering, Department of Agricultural Engineering - OARDC and Department of Agricultural Engineering (W. L. Roller), 15 September 1985 through 31 March 1988. (Project 764461 - Continuation)

\$5,000.00 - Department of Agriculture, Forest Service, Broomall, PA, The Cost to Provide Day Use Facilities and Services in Resource Based Recreation Areas, School of Natural Resources (J. L. Heywood) and School of Natural Resources and Department of Fish, Wildlife and Outdoor Recreation - OARDC (G. W. Mullins), 1 October 1985 through 30 March 1987. (Project 765047 - New)

\$4,400.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, VA, Testing of a Decentralized Control Algorithm, Department of Electrical Engineering (U. Ozguner), 6 September 1985 through 31 December 1985. (Project 765054 - New)

TOTAL - FEDERAL AWARDS **\$4,561,965.00**

State of Ohio Research Contracts/Grants

\$797,772.00 - State of Ohio, Department of Development, Columbus, OH, OSU Institute for Japanese Studies, College of Humanities - Administration (G. M. Riley), Department of East Asian Languages and Literatures (T. Light) and University Center for International Studies (C. M. Chen), 1 July 1985 through 30 June 1990. (Project 765028 - New)

\$12,977.00 - State of Ohio, Department of Health, Columbus, OH, Outreach Education, Department of Pediatrics (L. Cordero), 1 October 1985 through 31 December 1985. (Project 764100 - Continuation)

\$7,500.00 - State of Ohio, Ohio Humanities Council, Columbus, OH, The Ohio Journal, Department of English (D. J. Citino), 15 June 1985 through 31 October 1986. (Project 765073 - New)

December 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$5,071.00 - State of Ohio, Ohio Arts Council, Columbus, OH, Great Artist Series: Young Concert Artist Series: John Reardon Residency, Mershon Auditorium (T. M. Van Leer), 8 October 1985 through 31 May 1986. (Project 765038 - New)

TOTAL - STATE OF OHIO AWARDS **\$ 823,320.00**

Industrial Research Contracts/Grants

\$152,810.00 - Boeing Company, Seattle, WA, Compact Range Performance Analysis, Graduate Research, Department of Electrical Engineering, ElectroScience Laboratory (W. D. Burnside), 16 May 1985 through 31 December 1985. (Project 764709 - New)

\$60,000.00 - Stuart Pharmaceuticals, Wilmington, DE, A Multicenter Comparison of Zoladex Depot and Diethylstilbestrol in Metastatic Prostrate Carcinoma for Patients Who Have Refused Orchiectomy, Department of Surgery (J. R. Drago), 1 September 1985 through 31 October 1986. (Project 765068 - New)

\$60,000.00 - Stuart Pharmaceuticals, Wilmington, DE, A Multicenter Comparison of Zoladex Depot and Surgical Castration in Metastatic Prostrate Carcinoma, Department of Surgery (J. R. Drago), 1 September 1985 through 31 October 1986. (Project 765067 - New)

\$46,464.00 - Pfizer, Inc., Groton, CT, Phase I Single Dose Pharmacokinetics of CP-66,248 Administered to Volunteers between the Ages of 58 and 85 years (003-504), Department of Pharmacology (N. Gerber), 29 July 1985 through 28 November 1985. (Project 764001 - Continuation)

\$46,341.00 - Schuler, Inc., Columbus, OH, Assisting Schuler Corporation in Developing Transfer Press Training Programs, The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1985 through 31 December 1985. (Project 765033 - New)

\$39,046.00 - World Book Encyclopedia, Chicago, IL, Study of World Book Type Face and Format, Department of Human Services Education (T. M. Stephens, J. O. Cooper and S. E. McCormick), 1 October 1985 through 31 March 1986. (Project 765052 - New)

December 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$36,425.00 - Ross Laboratories, Columbus, OH, Lipid and Prostaglandin Metabolic Effects Following Consumption of Diets Rich in Omega-3 Fatty Acids, Department of Home Economics - OARDC and Department of Human Nutrition and Food Management (J. T. Snook and V. M. Vivian) and Department of Physiological Chemistry (R. V. Panganamala and H. W. Sprecher), 1 September 1985 through 31 August 1986. (Project 765053 - New)

\$34,467.23 - Edison Welding Institute, Inc., Columbus, OH, Center for Welding Education, Department of Educational Policy and Leadership (J. E. Sage), 1 October 1985 through 30 June 1986. (Project 764812 - Continuation)

\$32,000.00 - Abbott Laboratories, Abbott Park, IL, Etiologic Evaluation of Pharyngitis and Its Clinical Response to Antibiotic Therapy, Department of Family Medicine (R. M. Guthrie) and Department of Pharmacology (N. Gerber), 1 September 1985 through 28 February 1986. (Project 764001 - New)

\$28,210.98 - The Procter & Gamble Company, Cincinnati, OH, Always^R C Clinical Investigation, Department of Obstetrics and Gynecology (F. P. Zuspan), 1 October 1985 through 30 April 1986. (Project 764614 - Continuation)

\$27,565.73 - Robins (A.H.) Company, Richmond, VA, Cardiovascular Effects of Intravenous Telazol in the Dog and Cat, Department of Veterinary Clinical Sciences (W. W. Muir), 1 October 1985 through 31 March 1986. (Project 765063 - New)

\$26,430.00 - The Procter & Gamble Company, Cincinnati, OH, Action of Vanilloid Compounds on Myenteric Neurons, Department of Physiology (J. D. Wood), 1 September 1985 through 30 April 1986. (Project 765029 - New)

\$20,000.00 - John Wiley & Sons, Inc., New York, NY, The John Wiley National Center Inresidence Program for the Professional Development of Postsecondary Occupational Educators, The National Center for Research in Vocational Education (R. E. Taylor), 1 November 1985 through 31 October 1986. (Project 764383 - Continuation)

\$17,400.00 - General Electric Company, Milwaukee, Wisconsin, 3-D Surface Representation and Perspective Enhancement of Magnetic Resonance Data, Department of Radiology (W. W.

December 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

Hunter, Jr.) and Department of Art Education (C. A. Csuri), 20 August 1985 through 19 August 1986. (Project 764577 - Continuation)

\$14,442.00 - Owens Illinois, Inc., Columbus, OH, Video Based Training - Automatic Gaugers, College of Education - Administration (J. J. Buffer), 1 August 1985 through 30 November 1985. (Project 765061 - New)

\$12,002.00 - Edison Welding Institute, Inc., Columbus, OH, Administration of the Center for Welding Education, Department of Educational Policy and Leadership (J. E. Sage), 1 October 1985 through 31 December 1985. (Project 764853 - Continuation)

\$8,778.00 - Hoffmann-La Roche, Inc., Nutley, NJ, The Effects of Interferon - α A/D on the Developing Mouse Brain, Department of Pathology (A. J. Yates), 10 October 1985 through 9 April 1986. (Project 765051 - New)

\$4,604.00 - International Training and Education Company, Framingham, MA, Inresident/Fellowship/Training and Assistance for Academic Program for Mr. Jaber Al-Essa, Jubail Human Resources Development Institute, The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1985 through 30 November 1985. (Project 763633 - Continuation)

\$2,836.00 - Anchor Hocking, Lancaster, OH, Training and Development Internship Project, Department of Educational Policy and Leadership (R. Jacobs), 1 October 1985 through 31 December 1985. (Project 765070 - New)

TOTAL - INDUSTRIAL AWARDS \$ 669,821.94

Other Non-Federal Research Contracts/Grants

\$90,000.00 - University of Missouri, Columbia, MO, Electrochemical Factors in Fused Salt Enhanced Carbothermic Reduction, Department of Metallurgical Engineering (G. R. St. Pierre, R. A. Rapp, Y. Sahai and W. B. Johnson), 1 October 1985 through 30 September 1986. (Project 764365 - Continuation)

\$80,000.00 - University of Missouri, Columbia, MO, Mechanisms of Attack and Protection of Refractories in Pyrometallurgical Processes, Department of Metallurgical Engineering (G. R. St. Pierre, R. A. Rapp and Y. Sahai), and

December 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

Department of Ceramic Engineering (C. E. Semler), 1 October 1985 through 30 September 1986. (Project 764365 - Continuation)

\$76,953.00 - Electric Power Research Institute, Palo Alto, CA, Simultaneous Chromizing-Aluminizing of Steels, Department of Metallurgical Engineering (R. A. Rapp), 1 September 1985 through 31 August 1986. (Project 763292 - Continuation)

\$64,000.00 - Columbus Human Services Department, Columbus, OH, Area Commission Intern Program, Department of City and Regional Planning (S. I. Gordon), 1 October 1985 through 30 September 1986. (Project 765036 - Continuation)

\$52,738.00 - The University of Iowa, Iowa City, IA, Articular Cartilage Healing and Passive Motion, Department of Veterinary Clinical Sciences (M. L. Olmstead), 1 August 1985 through 31 July 1986. (Project 765032 - New)

\$46,061.00 - American Congress on Surveying and Mapping, Falls Church, VA, National Committee for Digital Cartographic Data Standards, Department of Geography (H. Moellering), 1 April 1985 through 31 March 1986. (Project 764886 - Continuation)

\$42,955.00 - American Institute of Cancer Research, Falls Church, VA, Age of Diet Modification as Related to Mammary Cancer, Department of Veterinary Preventive Medicine (J. Silverman), 1 October 1985 through 30 September 1987. (Project 765039 - New)

\$29,575.00 - Smokeless Tobacco Research Council, Inc., New York, NY, Effects of Smokeless Tobacco on the Development of the CD-1 Mouse Fetus, College of Dentistry - Oral Biology (R. B. Paulson and J. L. Shanfeld), 1 January 1986 through 31 December 1987. (Project 765092 - New)

\$27,080.00 - Northwestern University, Evanston, IL, Evaluation of Effects of Immunization of Female Baboons with Zona Pellucida Antigens on Ovarian Function, Department of Obstetrics and Gynecology (V. C. Stevens), 1 July 1985 through 30 April 1986. (Project 765049 - New)

\$26,568.35 - American Horse Shows Association, Columbus, OH, Detection of Prethcamide (Micoren) in Horses, College of Veterinary Medicine - Administration (R. A. Sams), 15 October 1985 through 14 October 1986. (Project 765072 - New)

December 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$25,000.00 - American Heart Association, Central Ohio Chapter, Columbus, OH, Effect of Methylenedioxyindene on Aging Aorta, College of Pharmacy (R. G. Rahwan), 1 November 1985 through 31 October 1986. (Project 765066 - New)

\$24,750.00 - Morris Animal Foundation, Englewood, CO, Serum Calcitriol in Chronic Renal Disease, Department of Veterinary Pathobiology (L. A. Nagode), 1 October 1984 through 30 September 1986. (Project 764422 - Continuation)

\$20,000.00 - Ten Members of the National Postsecondary Alliance, National Postsecondary Alliance, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1985 through 30 June 1986. (Project 764743 - Continuation)

\$15,000.00 - Parenteral Drug Foundation, Garden City, NY, Drug Entrapment within Native Albumin Beads - Part I, College of Pharmacy (T. D. Sokoloski), 1 December 1985 through 30 November 1986. (Project 765086 - Continuation)

\$14,900.00 - University of Pittsburgh, Pittsburgh, PA, NSABP Colo-Rectal Protocols, Department of Surgery (W. B. Farrar), 1 February 1985 through 31 January 1986. (Project 763581 - Continuation)

\$14,500.00 - Lawrence Livermore Laboratory, Livermore, CA, Ultrasonic Methods to Evaluate Surface Roughness, Department of Welding Engineering (L. Adler), 1 October 1985 through 30 September 1986. (Project 764397 - Continuation)

\$14,000.00 - Battelle Memorial Institute, Columbus, OH, Interdisciplinary Research on Wear of Materials, Department of Metallurgical Engineering (D. A. Rigney), 1 October 1985 through 31 December 1985. (Project 764981 - Continuation)

\$6,000.00 - Nebraska Commission for Vocational Education, Lincoln, NE; Illinois State Board of Education, Springfield, IL; and Minnesota State Board of Education, St. Paul, MN, National Entrepreneurship Education Consortium, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1985 through 30 June 1986. (Project 764945 - Continuation)

\$6,000.00 - State of Alaska, Department of Education, Office of Adult and Vocational Education, Juneau, AK; West Virginia State Department of Education, Bureau of Vocational, Technical and Adult Education, Charleston, WV; and Wisconsin

December 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

Board of Vocational, Technical and Adult Education, Madison, WI, National Entrepreneurship Education Consortium, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1984 through 30 June 1985. (Project 764317 - Continuation)

\$5,000.00 - University of Dayton, Dayton, OH, 94-GHz Transmissometer, Department of Electrical Engineering, ElectroScience Laboratory (C. A. Levis), 1 October 1985 through 31 December 1985. (Project 764435 - Continuation)

\$4,927.00 - Winn (R.H.) Cat Research, Ocean, NJ, Development of an Immunoassay for the Measurement of the Acute Phase Reactant Serum Amyloid A (SAA) in the Cat, Department of Veterinary Clinical Sciences (S. P. DiBartola), 1 October 1985 through 30 September 1986. (Project 765040 - New)

\$4,238.00 - University of Minnesota, St. Paul, MN, Text Processing Strategies of Native and Beginning Nonnative Readers in Secondary School and University in French and German, Department of Educational Theory and Practice (E. B. Bernhardt), 15 September 1985 through 14 September 1986. (Project 764640 - Continuation)

\$3,000.00 - Battelle Memorial Institute, Columbus, OH, Natural Analog Study Technical Support, Department of Geology and Mineralogy (K. A. Foland), 1 October 1985 through 31 October 1985. (Project 764352 - Continuation)

\$1,997.00 - Virginia Community College System, Richmond, VA, Assisting in Data Analysis and Report Writing for the Virginia Community College System, The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1985 through 31 October 1985. (Project 764960 - Continuation)

\$1,400.00 - Burroughs Wellcome Fund, Research Triangle Park, NC, Wellcome Research Travel Grant, Department of Physiological Chemistry (C. R. Hille), 31 October 1985 through 30 November 1985. (Project 765084 - New)

\$1,180.00 - Missouri Public Service Commission, Jefferson City, MO, Technical Assistance for Computer Models, National Regulatory Research Institute (D. N. Jones), 1 July 1985 through 30 June 1986. (Project 765065 - Continuation)

TOTAL - OTHER NON-FEDERAL AWARDS **\$ 697,822.35**

December 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

\$242,385.00 - additional funding from the Ohio Department of Development, Thomas Alva Edison Partnership Program, Columbus, OH; and International TechneGroup Inc., Columbus, OH, "Development of Integrated Computer Aided Analysis and Design Software for Kinematics and Controls," Department of Mechanical Engineering, 1 August 1985 through 31 July 1987. (312848)

\$89,626.00 - The Ohio Department of Development, Thomas Alva Edison Partnership Program, Columbus, OH; and Morningstar, Columbus, OH, "Development of an Enhanced ARPA Network Communications System for UNIX-based Supermicro Computers Incorporating the Multibus Standard," Department of Computer and Information Science, 1 July 1985 through 30 June 1986. (529682)

\$63,659.00 - The Ohio Department of Transportation, Columbus, OH, "Refinement of Analytical Photogrammetric Techniques for Application to Transportation Surveys," Department of Geodetic Science, 1 October 1985 through 1 October 1987. (529688)

\$52,187.00 - The Ohio Department of Transportation, Columbus, OH, "Improved Analytical Photogrammetric Techniques for Application to Photolog Imagery," Department of Geodetic Science, 1 October 1985 through 1 October 1986. (529687)

TOTAL - STATE SPONSORED RESEARCH \$ 447,857.00

Industrial and Other Sponsored Research and Development

\$145,000.00 - IBM Corporation, Los Angeles, CA, "Development of Tree Based Information Analyzer and Developer (TRIAD) Environment," Department of Computer and Information Science, 1 July 1985 through 30 June 1986. (529689)

\$75,000.00 - Lockheed-California Company, Burbank, CA, "Design of a Compact Range Measurement Facility," Department of Electrical Engineering, 14 September 1985 through 14 September 1986. (529690)

\$68,103.00 - Battelle Columbus Laboratories, Columbus, OH, "Evaluate and Test Heat Pump Component Performance," Department of Mechanical Engineering, 1 August 1985 through 31 May 1986. (312858)

December 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION (contd)

Industrial and Other Sponsored Research and Development (contd)

\$50,150.00 - Aluminum Company of America, Alcoa Center, PA, "Interpretation and Use of Polarization Data for the Prediction of Long Term Localized Corrosion of Aluminum Alloys," Department of Metallurgical Engineering, 1 September 1984 through 31 August 1986. (529665, Ext. #1)

\$25,168.00 - from 19 sponsors of 21 development projects under the direction of five engineering departments or research areas.

\$10,000.00 - Sulzer Brothers, Inc., New York, NY, "Microbially Treat and Test the Desulphurization Propensity of One Coal at One Concentration," Department of Chemical Engineering, 28 August 1985 through 15 December 1985. (312856)

\$8,220.00 - additional funding from Edison Welding Institute, Columbus, OH, "EWI Management," Department of Welding Engineering for an indefinite period beginning July 1, 1985.

INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 381,641.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

Admiral Richard Evelyn and Marie Ames Byrd Fund

The Admiral Richard Evelyn and Marie Ames Byrd Fund was established December 6, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from The Admiral Richard Evelyn Byrd Foundation.

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

The annual income shall be used to provide fellowships to men and women with a distinguished academic background pursuing advanced studies in either Arctic or Antarctic research at The Ohio State University. Fellowship support may include stipends, research expenses, support for visits to other institutions in order to work with senior investigators, or other appropriate costs. The principal of the fund is not to be spent.

December 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Admiral Richard Evelyn and Marie Ames Byrd Fund (contd)

Awards and the selection of recipients shall be made by The Ohio State University Institute of Polar Studies in consultation with an advisory board that shall include representatives of the University, polar communities and others as deemed appropriate.

Should the need for this fund cease to exist, the income and principal are to be used by the Institute of Polar Studies or its equivalent to support activities related to Arctic and Antarctic research in memory of Admiral Richard Evelyn and Marie Ames Byrd.

Dorothy and George H. Alber Scholarship Fund

The Dorothy and George H. Alber Scholarship Fund was established December 6, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from George H. Alber, B.S.Bus.Adm. '29, Marion, Ohio.

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

Twenty percent (20%) of the annual income shall be added to the fund's principal. The remaining eighty percent (80%) of the annual income shall be used to provide scholarship assistance to qualified students who enroll at The Ohio State University, Marion Campus.

The scholarship awards will be made to students who have demonstrated (1) financial need, or (2) a high degree of academic potential, or (3) scholastic ability. Should income from this fund not be awarded in any given year, then the income is to be added to the fund's principal. Selection of the scholarship recipients will be made by the University Committee on Student Financial Aid upon the recommendation of the Dean and Director of The Ohio State University at Marion.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the person or committee then responsible for student scholarship awards to students of the Marion, Ohio, area.

December 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Dorothy J. and Herbert L. Fenburr Scholarship Fund

The Dorothy J. and Herbert L. Fenburr Scholarship Fund was established December 6, 1985, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Herbert L. Fenburr, Ph.D., Chemical Engineering, 1937.

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

The annual income is to be awarded to one or more needy chemical engineering students of high scholastic standing who have completed three years of college with preference being given to those students majoring in the chemical coatings or paint industry. Selection of the award recipients shall be made by the University Committee on Student Financial Aid under the direction of the Dean of the College of Engineering and the Chairperson in the Department of Chemical Engineering.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Engineering.

The James A. Piccinini Athletic Endowment Fund

The James A. Piccinini Athletic Endowment Fund was established December 6, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the family of the late James A. Piccinini (Varsity "O" 1939-1940) of Maple Heights, Ohio.

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

The annual income shall be used to supplement the grant-in-aid (scholarship) fund for qualified student athletes participating in varsity football at The Ohio State University.

December 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The James A. Piccinini Athletic Endowment Fund (contd)

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University then responsible for the athletic program at The Ohio State University.

The Howard D. Winbigler Fund in Engineering

The Howard D. Winbigler Fund in Engineering was established December 6, 1985, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Howard D. Winbigler, Bachelor of Mechanical Engineering, 1915, of Ashland, Ohio.

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

The annual income is to be used for those purposes which will aid the research, teaching and service programs/facilities within the College of Engineering. The Dean of the College of Engineering will have sole authority to authorize expenditures from the fund.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for engineering education.

Helen Holiday Weller Fund for Medical Research

The Helen Holiday Weller Fund for Medical Research was established December 6, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from W. R. Weller, Worthington, Ohio, in memory of his wife, Helen Holiday Weller.

December 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Helen Holiday Weller Fund for Medical Research (contd)

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

The annual income shall be used by the College of Medicine as seed monies for initiating new research projects as determined by the Dean of the College of Medicine. Expenditure of these funds are to be reported to the donor on a regular basis by the College of Medicine.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the Dean of the College of Medicine.

The Arthur H. Robinson Fund

The Arthur H. Robinson Fund was established December 6, 1985, by the Board of Trustees of The Ohio State University with an initial gift to The Ohio State University Development Fund from Arthur H. Robinson, Ph.D., Geography, 1947.

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

The annual income shall be used for graduate and undergraduate support, research expenses, travel, equipment or whatever should be allocated by the Chair of the Department of Geography from a list of proposals generated or approved by a departmental committee of three or more tenured professors.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the Department of Geography.

December 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

**Bea Cleveland College of Home Economics
and Ohio 4-H Support Fund**

The Bea Cleveland College of Home Economics and Ohio 4-H Support Fund was established December 6, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Beatrice J. Cleveland, B.S.H.E. '42, Columbus, Ohio.

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

Two-thirds of the annual income is to go to the College of Home Economics Programs Fund for use as prescribed by that fund. One-third of the annual income is to be used for Ohio 4-H advisor training as determined by the Ohio State 4-H faculty.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendation of the Dean of the College of Home Economics.

Lillian Lewis Marquand Scholarship

The Lillian Lewis Marquand Scholarship was established December 6, 1985, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Lillian Lewis Marquand, B.S.H.E. '46, of Columbus, Ohio.

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

The annual income will fund a scholarship in the College of Home Economics, Department of Family Relations and Human Development, but is to be added to the fund's principal until such time as an award of \$500 can be made. The scholarship will be awarded to a junior or senior majoring in Child Development with preference being given to students with a grade point average between 2.7 and 3.1. The scholarship may be renewed for a second year if the student

December 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Lillian Lewis Marquand Scholarship (contd)

maintains a 2.7 or above. Selection of the award recipient shall be made by the University Committee on Student Financial Aid upon the recommendation of the College of Home Economics Scholarship Committee.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendation of the Dean of the College of Home Economics.

**The Mabel Sarbaugh Undergraduate
Honors Scholarship in Home Economics**

The Mabel Sarbaugh Undergraduate Honors Scholarship in Home Economics was established December 6, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Mabel M. Sarbaugh, Columbus, Ohio.

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

The annual income will be used to support undergraduate honors scholarships for junior or senior students enrolling in programs in the College of Home Economics, who have demonstrated leadership. Selection of the award recipients shall be made by the University Committee on Student Financial Aid upon recommendations from the Honors Committee in the College of Home Economics. Should the College of Home Economics Undergraduate Honors Program cease to exist, the annual income shall go to the College of Home Economics Programs Fund for use as prescribed by that fund.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendation of the Dean of the College of Home Economics.

December 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change of Name and Description of Named Funds

Benjamin T. Brooks Family 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, children and many friends and in memory of his descendants by their spouses, children and friends. The name was changed to the Benjamin T. Brooks Family Memorial Fund, December 6, 1985.

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

The annual income is to be used for 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.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income and/or excess principal may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to items in the field of chemistry.

**Litton Industries Fellowship Fund
in the College of Engineering**

The Litton Industries Scholarship Fund in the College of Engineering was established July 6, 1984, by the Board of Trustees of The Ohio State University with a gift from the Foundation of the Litton Industries, Beverly Hills, California. The name was changed to the Litton Industries Fellowship Fund in the College of Engineering, December 6, 1985.

This gift is to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to fund one fellowship for a full-time graduate student in the Department of Electrical Engineering. The fellowship winners will be chosen

December 5 and 6, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change of Name and Description of Named Funds (contd)

**Litton Industries Fellowship Fund
in the College of Engineering (contd)**

primarily for their academic merit with no regard for their financial need. Recipients will be named annually but may be eligible to compete for renewed awards. Selection of each recipient will be done by the Dean of the College of Engineering in cooperation with the Chairperson for the Department of Electrical Engineering and the President of the Foundation of the Litton Industries. During the annual selection process, the Dean will furnish the Foundation's President with information on at least three nominees. The President or his representative will be welcome to interview the candidates on campus but all the expenses incurred through such visits will be the responsibility of the Foundation of the Litton Industries.

In the event that in the future certain criteria of the Litton Industries Fellowship are found to be unworkable, unfeasible or impossible to adhere to, the Dean of the College of Engineering, in consultation with the President of the Foundation of the Litton Industries, may modify these criteria as long as the modifications are compatible with the spirit of the Litton Industries Fellowship. Furthermore, should the need for this fellowship cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for engineering education.

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President Jennings made the following statement:

As all of you know, The Ohio State University has embarked upon the largest fund-raising campaign in the history of public higher education. Just two months ago, we announced that we would seek to raise \$350 million dollars to enhance this University's excellence in the areas of teaching, research, and programs to support our student body.

Since the campaign's inauguration, we have been pleased at the encouragement we have received from within the institution as well as from this community, the State of Ohio, and around the nation. Our alumni and friends are enthusiastic

December 5 and 6, 1985 meeting, Board of Trustees

President Jennings: (contd)

about the campaign and its goals, and they are beginning to take action to support this effort. They are demonstrating their leadership in many ways.

This morning, I am delighted to give you an example of the early momentum of this campaign. I am pleased to announce a gift of one million dollars from L.M. Berry and Company of Dayton, Ohio. John W. Berry, a member of this Board of Trustees, is the Chairman and Chief Executive Officer of L.M. Berry and Company, and has served this University well as a Board Member since 1981. He has shown many times his sincere interest in promoting the excellence of Ohio State. This latest action demonstrates his commitment once again in a magnificent way.

Mr. Berry has asked that his gift be registered as undesignated at this time. This will give him an opportunity to study the broad number of programs and priorities contained in the campaign before determining precisely where to target his support. Of course, we are happy to honor this request.

On behalf of the University, I want to extend my sincere thanks to John Berry. John, your actions will have an impact that will be evident--and appreciated--at this University for many years to come. On behalf of all of us, John, we sincerely thank you very much.

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REQUEST FOR CONSTRUCTION BIDS

Resolution No. 86-62

Synopsis: Authorization to request construction bids for the following projects is requested.

WHEREAS the plans and specifications for the following projects have been completed and, at the request of the Vice President for Business and Administration, the President recommended that the Board of Trustees authorize the request for construction bids for these projects:

MEANS HALL - RENOVATION OF 4TH FLOOR

Project: Provide more efficient and functional laboratories, office and

December 5 and 6, 1985 meeting, Board of Trustees

REQUEST FOR CONSTRUCTION BIDS (contd)

MEANS HALL - RENOVATION OF 4TH FLOOR (contd)

space arrangement for the Department of Neurology by refurbishing existing laboratories and remodeling old patient rooms including EEG areas with laboratory and testing facilities which are being re-located from Upham Hall.

Funding: University Hospitals Funds

Estimated Project Cost: \$283,000.00

**MEANS HALL - MODIFICATIONS FOR MAGNETIC
RESONANCE IMAGING**

Project: Renovation of vacant space on the ground floor of Means Hall opposite the new Magnetic Resonance Imaging Facility for support facilities, office and laboratory spaces to create faster response.

Funding: University Hospitals Funds

Estimated Project Cost: \$237,000.00

NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials and estimates of cost be approved, that the President and/or Vice President for Business and Administration be authorized to request construction bids on this project for The Ohio State University in accordance with established University procedures, and if satisfactory bids are received, to award contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Immke, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**ACCEPTANCE OF THE GIFT OF REAL PROPERTY
20 NORTH PARK STREET, OBERLIN, OHIO**

Resolution No. 86-63

Synopsis: Acceptance of a gift of real property at 20 North Park Street in Oberlin, Ohio, and the establishment of the Robert C. Tumbleson Memorial Scholarship Fund are proposed.

December 5 and 6, 1985 meeting, Board of Trustees

**ACCEPTANCE OF THE GIFT OF REAL PROPERTY
20 NORTH PARK STREET, OBERLIN, OHIO (contd)**

WHEREAS the late Frances Ruth Tumbleson was the owner of approximately 0.18 acres of improved real property at 20 North Park Street in Oberlin, Ohio, and by her Last Will and Testament devised this property to the Board of Trustees of The Ohio State University; and

WHEREAS Ms. Tumbleson's Will provides that the net proceeds from this gift are to be used to establish the Robert C. Tumbleson Memorial Scholarship Fund to provide scholarships to students in the Department of Mathematics; and

WHEREAS it has been determined that the acceptance of this gift and the establishment of this Fund are in the best interest of the University:

NOW THEREFORE

BE IT RESOLVED, That this property be accepted as a gift to the University through The Ohio State Development Fund, with the net proceeds to be used to establish the Robert C. Tumbleson Memorial Scholarship Fund and that the President and/or Vice President for Business and Administration be authorized to acquire title to this property in the name of the Board of Trustees of The Ohio State University.

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

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**TELESCOPE AGREEMENT WITH
THE UNIVERSITY OF ARIZONA**

Resolution No. 86-64

Synopsis: Authorization to enter into an agreement with the University of Arizona to jointly develop a new telescope is requested.

WHEREAS The Ohio State University and the University of Arizona each have considerable experience in operating telescopes at remote sites and in instrumenting them for astronomical research and desire to collaborate as equal founding members in a long-range project to develop and operate an eight-meter class telescope for optical and infrared astronomy to provide unprecedented light gathering power and spatial resolution; and

December 5 and 6, 1985 meeting, Board of Trustees

**TELESCOPE AGREEMENT WITH
THE UNIVERSITY OF ARIZONA (contd)**

WHEREAS the University of Arizona is developing a new international observatory site on Mount Graham, Arizona, and in collaboration with the National Optical Astronomy Observatory, is developing the technology to cast telescope mirrors of up to an eight-meter aperture and The Ohio State University is developing communications systems to facilitate remote observing; and

WHEREAS each party will contribute \$300,000.00 to fund a feasibility study at the conclusion of which the parties individually shall make a decision as to whether to proceed with the project and if so on what scale; and

WHEREAS the parties agree that funds for capital cost of the telescope shall be raised by the parties through private resources; and

WHEREAS the project shall be governed by a Telescope Council with equal representation by the parties and shall be administered by a Project Manager designated by the Council with the concurrence of the parties; and

WHEREAS the appropriate University officials have determined that this agreement with the University of Arizona is in the best interest of the University:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized, on behalf of this Board, to enter into an agreement with the University of Arizona, and, if mutually agreed, to renegotiate such agreement and enter into agreements with additional parties as appropriate, to undertake this telescope project, upon such terms and conditions as are deemed to be in the best interest of the University.

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

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**AUTHORIZATION, ISSUANCE AND SALE OF VARIABLE
RATE DEMAND GENERAL RECEIPTS BONDS,
SERIES 1985 B, OF THE OHIO STATE UNIVERSITY**

Resolution No. 86-65

Synopsis: Providing for the authorization, issuance and sale of Variable Rate Demand General Receipts Bonds, Series

December 5 and 6, 1985 meeting, Board of Trustees

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1985 B (the "Series 1985 B Bonds"), in an amount not to exceed \$42,520,000, for the purpose of paying or reimbursing the costs of (i) the acquiring and installing of equipment and facilities comprising a modern, campus-wide integrated telecommunication system which includes a fiber optic transmission network, telecommunications switching equipment, cable, wiring and a building at Neil and Eighth Avenues; (ii) the constructing and equipping of certain vehicular parking facilities and appurtenances including an addition to the Ohio Union Parking Garage and a new multi-level parking facility on West 12th Avenue; (iii) designing, constructing and installing scoreboards and related facilities at Ohio Stadium; (iv) constructing and installing a magnetic resonance imaging facility as a diagnostic and research facility at University Hospitals; (v) constructing and installing equipment and facilities comprising a back-pressure turbine co-generation system; and (vi) refunding a lease of an interconnect telephone system (collectively referred to as the "Project"), funding the Bond Reserve Fund and paying the costs and expenses associated with the issuance of the Series 1985 B Bonds; authorizing a First Supplemental Trust Indenture to secure the payment of Bond Service Charges on the Series 1985 B Bonds and for related purposes.

WHEREAS The Ohio State University (herein called the "University"), a state university of the State of Ohio created and existing under Chapter 3335 of the Ohio Revised Code, by resolution adopted by its Board of Trustees (herein called the "Board") on November 1, 1985 (herein called the "Series 1985 A Bond Resolution") and by a Trust Indenture dated as of November 15, 1985 between the University and The Huntington National Bank, Trustee (herein called the "Indenture"), has provided for the issuance from time to time of General Receipts Bonds of the University, with each such issue to be authorized by a Series Resolution adopted by the Board pursuant thereto; and

WHEREAS the Series 1985 A Bond Resolution was adopted and the Indenture was authorized by the Board pursuant to Sections 3345.11 and 3345.12 of the Ohio Revised Code, as enacted under the Constitution of Ohio, particularly Section 21 of Article VIII thereof (collectively the "Act"), wherein the University is authorized and empowered, among other things, to issue, as provided herein, Bonds of the University to pay the costs of certain capital facilities defined as "auxiliary facilities" in Section 3345.12 of the Ohio Revised Code (and herein called "University Facilities") and to refund, fund or retire such Bonds and other obligations previously issued for such purpose; and

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WHEREAS the Series 1985 B Bonds will be issued and sold for the purpose of paying or reimbursing the costs of (i) the acquiring and installing of equipment and facilities comprising a modern, campus-wide integrated telecommunication system which includes a fiber optic transmission network, telecommunications switching equipment, cable, wiring and a building at Neil and Eighth Avenues; (ii) the constructing and equipping of certain vehicular parking facilities and appurtenances including an addition to the Ohio Union Parking Garage and a new multi-level parking facility on West 12th Avenue; (iii) designing, constructing and installing scoreboards and related facilities at Ohio Stadium; (iv) constructing and installing a magnetic resonance imaging facility as a diagnostic and research facility at University Hospitals; (v) constructing and installing equipment and facilities comprising a back-pressure turbine co-generation system; and (vi) refunding a lease of an interconnect telephone system (collectively referred to as the "Project"), funding the Bond Reserve Fund and paying the costs and expenses associated with the issuance of the Series 1985 B Bonds; and

WHEREAS there will be outstanding prior to the issuance of the Series 1985 B Bonds herein authorized \$27,680,000 principal amount of General Receipts Refunding Bonds, Series 1985 A, to be issued and delivered pursuant to the Indenture; and

WHEREAS the Board has determined that it is in the best interests of the University to authorize the issuance of not to exceed \$42,520,000 of Variable Rate Demand General Receipts Bonds, Series 1985 B (the "Series 1985 B Bonds") to finance the Project, to fund the Bond Reserve Fund and to pay the costs and expenses of issuance of the Series 1985 B Bonds; and

WHEREAS the University desires to make provision for the issuance of the Series 1985 B Bonds and for the payment of the Bond Service Charges thereon and the securing thereof by this Resolution and a First Supplemental Trust Indenture (the "First Supplemental Indenture") herein authorized:

NOW THEREFORE

BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE OHIO STATE UNIVERSITY, as follows:

Section 1. Definitions and Interpretations. All words and terms defined in the Indenture and all interpretations therein provided shall have in this Resolution

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the same meanings, respectively, and be subject to the same interpretations as therein provided or used, unless the context or use clearly indicates another or different meaning or intent, except that this Resolution, together with the Certificate of Award (the "Certificate of Award") provided for in Section 3 hereof, is sometimes herein called and may be known as the "Series 1985 B Bond Resolution." The Bonds authorized by this Resolution are referred to herein and in the First Supplemental Indenture as the "Series 1985 B Bonds." As used in this Resolution, "Project" shall have the meaning provided for such term in the preambles hereto. Terms not appearing in the Indenture but used herein are defined as follows:

"Annual Rate Period" means, as to the Series 1985 B Bonds, any Annual Rate Period as provided for in Section 2(f)(iv) hereof.

"Annual Rate Index" shall mean the Annual Rate Index established by the Remarketing Agent from time to time which shall be a variable annual interest rate based upon yield evaluations at par of securities comparable to the Series 1985 B Bonds in which the Remarketing Agent is involved or of which it is aware, published or determined and announced on at least a monthly basis.

"Applicable Percentage" means the Applicable Percentage determined by the Remarketing Agent from time to time as that percentage which, when applied to a Variable Rate Index or the Fixed Rate Index, as applicable, will produce that interest rate on the Series 1985 B Bonds, but not exceeding such interest rate, which would result in the market value of the Series 1985 B Bonds on such date being 100% of the principal amount thereof, provided, however, that the Applicable Percentage as applied to any Variable Rate Index and to the Fixed Rate Index shall not, in any case, be greater than 120% nor less than 80%.

"Authenticating Agent" means, in addition to those Authenticating Agents named in the Indenture, with respect to the Series 1985 B Bonds, the Authenticating Agent designated pursuant to Section 5.16 of the Indenture.

"Bank Bond Rate" means an interest rate not to exceed the Prime Rate plus two percent (2%) per annum or an alternate equivalent formula rate of interest based upon the Letter of Credit Bank's cost of funds, except for any Series 1985 B Bonds held by the Letter of Credit Bank as a result of tenders pursuant to Section 5 of the First Supplemental Indenture, on which the Bank Bond Rate shall be the rate

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stated above or some lesser rate provided, however, that the Bank Bond Rate shall in no event exceed thirty (30%) per cent per annum.

"Bond Fund" means the Bond Fund created by the Series 1985 A Bond Resolution and existing under the Indenture.

"Bond Service Account" means the account, so designated, in the Bond Fund established pursuant to the 1985 Series A Bond Resolution and existing under the Indenture.

"Certificate of Award" means the Certificate of Award authorized pursuant to Section 3 of this Resolution.

"Code" means the Internal Revenue Code of 1954, as amended, and the applicable income tax regulations thereunder.

"Computation Period" means during any Rate Period, the period of time elected pursuant to Section 2(f)(vi) hereof during which the interest rate will not be subject to adjustment.

"Contract of Purchase" means the Contract of Purchase between the Original Purchasers and the University, dated as of December 30, 1985.

"First Supplemental Indenture" means the First Supplemental Trust Indenture authorized in Section 8 of this Resolution.

"Fixed Rate Index" means the interest index based upon yield evaluations at par (on the basis of a term approximately equal to the time remaining until each of the maturity dates of the Series 1985 B Bonds) of not less than five Fixed Rate Component Issuers selected by the Remarketing Agent after notice to the University, the Letter of Credit Bank and the Trustee or any other interest index approved by the University at the time of its direction pursuant to Section 2(f)(v) hereof to establish Fixed Interest Rates.

"Fixed Interest Rates" means the fixed non-floating annual interest rate for each maturity date on the Series 1985 B Bonds established in accordance with Section 2(f)(v) of this Resolution.

"Fixed Rate Component Issuers" means issuers of securities, including without limitation, universities as issuers of general or limited or special obligation bonds,

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the interest on whose securities is exempt from federal income tax and having a rating by either Rating Service in the long-term debt rating category of such Rating Service corresponding to the then existing rating on the Series 1985 B Bonds. The Fixed Rate Component Issuers shall be selected by the Remarketing Agent in accordance with Section 2(f)(v) hereof; provided that the specific issuers included in the Fixed Rate Component Issuers may, after notice to the University and the Trustee, be changed from time to time by the Remarketing Agent at its discretion.

"Fixed Rate Period" means, as to the Series 1985 B Bonds, the Fixed Rate Period as provided for in Section 2(f)(v) hereof.

"Interest Adjustment Date" means (i) for any Weekly Rate Period, the Wednesday of each calendar week or if such day is not a Business Day, then on the Business Day immediately succeeding such day, commencing with the Interest Adjustment Date occurring during the later of the calendar week beginning January 5, 1986 or the calendar week next following the calendar week during which the Series 1985 B Bonds are issued and delivered to the Original Purchasers, or any other date on which an adjustment of the interest rate on the Series 1985 B Bonds is required in order to permit the Remarketing Agent to remarket Series 1985 B Bonds at par, (ii) for any Monthly Rate Period, the Business Day immediately preceding the first Business Day of each calendar month or any other date on which an adjustment of the interest rate on the Series 1985 B Bonds is required in order to permit the Remarketing Agent to remarket Series 1985 B Bonds at par, (iii) for any Quarterly Rate Period, the Business Day specified by the University in the manner set forth in Section 9 of the First Supplemental Indenture; (iv) for any Semiannual Rate Period, the Business Day specified by the University in the manner set forth in Section 9 of the First Supplemental Indenture; and (v) for any Annual Rate Period, the Business Day specified by the University in the manner set forth in the First Supplemental Indenture.

"Interest Payment Dates" means as to the Series 1985 B Bonds (i) during the effectiveness of a Weekly Rate Period, a Monthly Rate Period or a Quarterly Rate Period, each March 1, June 1, September 1, and December 1 or, if such day is not a Business Day, the next succeeding Business Day commencing March 1, 1986; and (ii) during the effectiveness of a Semiannual Rate Period, an annual Rate Period or a Fixed Rate Period, each June 1 and December 1 or, if such day is not a Business Day, the next succeeding Business Day commencing June 1, 1986.

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"Interest Period" means, as to the Series 1985 B Bonds, the period from and including the date of original delivery of the Series 1985 B Bonds to the Original Purchasers thereof to and including the day immediately preceding the first Interest Payment Date and, thereafter, each period commencing from and including the most recent Interest Payment Date to and including the day immediately preceding the next succeeding Interest Payment Date.

"Letter of Credit" means any irrevocable letter of credit, together with extensions thereof and replacements therefor pursuant to Section 6(B) of the First Supplemental Indenture, which may be issued by the Letter of Credit Bank and delivered to the Trustee and being an irrevocable obligation to make payment to the Trustee of up to the amounts therein specified with respect to (a) the principal amount of the Series 1985 B Bonds (i) to enable the Trustee to pay the principal amount of the Series 1985 B Bonds when due, (ii) to enable the Tender Agent to pay the portion of the purchase price of Series 1985 B Bonds delivered to it and not remarketed by the Remarketing Agent, equal to the principal amount of such Bonds, and (iii) to enable the University to purchase Series 1985 B Bonds called for redemption, plus (b) an amount equal to interest to accrue at the Maximum Interest Rate on the Bonds for 215 days (i) to enable the Trustee to pay interest on the Series 1985 B Bonds and (ii) to enable the Tender Agent to pay the portion of the purchase price of Series 1985 B Bonds delivered to it equal to the accrued interest on such Bonds, as the same may be transferred, reissued, extended or replaced in accordance with the First Supplemental Indenture and the Letter of Credit.

"Letter of Credit Bank" means initially, The Industrial Bank of Japan, Limited, New York Branch, as the issuer of and with respect to the Letter of Credit or the Series 1985 B Credit Support Instrument (as hereinafter defined), as the case may be, and its successors and assigns in either such capacity.

"Maximum Interest Rate" means fifteen percentum (15%) per annum.

"Monthly Rate Period" means, as to the Series 1985 B Bonds, any Monthly Rate Period as provided for in Section 2(f)(ii) hereof.

"Monthly Rate Index" means the Monthly Rate Index established by the Remarketing Agent from time to time which shall be a variable annual interest rate based upon yield evaluations at par of securities comparable to the Series 1985 B Bonds in which the Remarketing Agent is involved or

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of which it is aware, published or determined and announced on at least a monthly basis.

"Offering Memorandum" means, as to the Series 1985 B Bonds, the Offering Memorandum including, without limitation, the Preliminary Offering Memorandum, relating to the original issuance of the Series 1985 B Bonds.

"Original Purchasers" means, as to the Series 1985 B Bonds, John Nuveen & Co. Incorporated, Chicago, Illinois and The Ohio Company, Columbus, Ohio.

"Prime Rate" means the rate of interest announced from time to time by the Letter of Credit Bank as its prime or equivalent rate.

"Quarterly Rate Period" means, as to the Series 1985 B Bonds, any Quarterly Rate Period as provided for in Section 2(f)(iii) hereof.

"Quarterly Rate Index" means the Quarterly Rate Index established by the Remarketing Agent from time to time which shall be a variable interest rate based upon yield evaluations at par of securities comparable to the Series 1985 B Bonds in which the Remarketing Agent is involved or of which it is aware, published or determined and announced on at least a monthly basis.

"Rate Period" means, with respect to the 1985 Series B Bonds, each period elected by the University in accordance with this Resolution and the First Supplemental Indenture, as further provided for in Section 2 hereof.

"Regular Record Date" means, with respect to the Series 1985 B Bonds, during any Weekly Rate Period or Monthly Rate Period, the Business Day immediately preceding each Interest Payment Date, and during any other Rate Period, including the Fixed Rate Period, the fifteenth day of the calendar month next preceding an Interest Payment Date.

"Reimbursement Agreement" means, as to the Series 1985 B Bonds, the Letter of Credit Agreement, if any, or the Reimbursement Agreement dated as of December 1, 1985, relating to the Series 1985 B Credit Support Instrument, as the context indicates, between the University and the Letter of Credit Bank, as the same may from time to time be amended, modified or supplemented.

"Remarketing Agent" means initially, John Nuveen & Co. Incorporated, and any Person meeting the qualifications of, and designated from time to time to act

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as Remarketing Agent under Section 5 of the First Supplemental Indenture.

"Remarketing Agreement" means the Remarketing Agreement, dated as of December 1, 1985, provided for in Section 8 of this Resolution to be entered into among the University, the Remarketing Agent, and the Trustee, as the same may be amended, modified or supplemented.

"Semiannual Rate Period" means as to the Series 1985 B Bonds, the Semiannual Rate Period as provided for in Section 2(f)(iv) hereof.

"Semiannual Rate Index" means the Semiannual Rate Index established by the Remarketing Agent from time to time which shall be a variable annual interest rate based upon yield evaluations at par of securities comparable to the Series 1985 B Bonds in which the Remarketing Agent is involved or of which it is aware, published or determined and announced on at least a quarterly basis.

"Series 1985 B Bonds" means the Bonds authorized by this Resolution and shall include, except as expressly noted in the First Supplemental Indenture, any Series 1985 B Bonds held by or for the account of the Letter of Credit Bank or its designee.

"Series 1985 B Credit Support Instrument" means, as to the Series 1985 B Bonds, the Reimbursement or Line of Credit Agreement dated as of December 1, 1985, between the University and the Letter of Credit Bank (also known as the Standby Bond Purchase and Term Loan Agreement, dated as of December 30, 1985), as the same may from time to time be amended, modified or supplemented.

"Special Funds" means the Bond Fund, the Construction Fund, the Bond Reserve Fund and any accounts therein and any other funds or other accounts permitted by, established under or identified in the First Supplemental Indenture or this Resolution.

"Tender Agent" means, United States Trust Company of New York, New York, New York or any person meeting the qualifications of, and designated from time to time to act as Tender Agent under, Section 5(K) of the First Supplemental Indenture.

"Tender Date" means the first day of any Computation Period during a Rate Period.

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"Termination Date" means the date on which the right to draw under the Letter of Credit, if any, terminates, determined as provided in the Letter of Credit, or the date the Series 1985 B Credit Support Instrument terminates.

"Variable Rate Index" means the "Weekly Rate Index," the "Monthly Rate Index," the "Quarterly Rate Index," the "Semiannual Rate Index" and the "Annual Rate Index."

"Weekly Rate Index" means the Weekly Rate Index established by the Remarketing Agent from time to time which shall be a variable annual interest rate based upon yield evaluations at par of securities comparable to the Series 1985 B Bonds in which the Remarketing Agent is involved or of which it is aware, published or determined and announced on at least a weekly basis.

"Weekly Rate Period" means, as to the Series 1985 B Bonds, (i) the period from and including the date of original delivery of the Series 1985 B Bonds to the Original Purchasers thereof to and including the first Interest Adjustment Date, and (ii) any other Weekly Rate Period as provided for in Section 2(f)(i) hereof.

Any reference herein to the University, the Board, or to any officers thereof or to other public boards, commissions, departments, institutions, agencies, bodies, entities or officers, shall include those which succeed to their functions, duties or responsibilities pursuant to or by operation of law or who are lawfully performing their functions. Any reference to a section or provision of the Ohio Revised Code or to the laws of Ohio shall include such section or provision and such laws as from time to time amended, modified, revised, supplemented, or superseded, provided that no such amendment, modification, revision, supplementation, or supersession shall alter the obligation to pay the Bond Service Charges in the amount and manner, at the times, and from the sources provided in this Resolution and the First Supplemental Indenture, except as otherwise herein permitted.

Unless the context shall otherwise indicate, words importing the singular number shall include the plural number, and vice versa, and the terms "hereof," "herein," "hereby," "hereto," "hereunder," and similar terms, mean this Resolution.

Section 2. Authorization and Term.

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(a) Authorization. The Bonds, to be designated and known as the Variable Rate Demand General Receipts Bonds, Series 1985 B, shall be issued pursuant to and as authorized by the Act, Section 2i of Article VIII of the Ohio Constitution, this Resolution, the Indenture and the First Supplemental Indenture for the purposes of financing the costs of the University Facilities comprising the Project, funding the Bond Reserve Fund and paying the costs and expenses incidental to the issuance of the Series 1985 B Bonds.

(b) Form and Numbering. The Series 1985 B Bonds shall be issued only as fully registered Bonds. The Series 1985 B Bonds shall be numbered as determined by the Trustee.

(c) Denominations and Dates. The Series 1985 B Bonds shall be in denominations of \$100,000 and integral multiples thereof and shall be dated as of the date of their original delivery to the Original Purchasers and otherwise as provided in the First Supplemental Indenture. After conversion to Fixed Interest Rates, the Series 1985 B Bonds shall be in denominations of \$5,000 and any integral multiple thereof.

(d) Maximum Aggregate Principal Amount. The Bonds shall be issued in a maximum aggregate principal amount not to exceed \$42,520,000.

(e) Delivery and Execution. The Chairman of the Board and the Treasurer are hereby authorized to make the necessary arrangements with the Original Purchasers to establish the date, location, procedures and conditions for the delivery of the Series 1985 B Bonds to the Original Purchasers and to take all steps as necessary to effect due execution, authentication and delivery of the Bonds to the Original Purchasers under the terms of this Resolution. The Bonds shall be signed by the Chairman of the Board and the Treasurer in their official capacities (provided that both of the signatures may be facsimiles) and shall bear the corporate seal of the University or a facsimile thereof.

(f) Interest.

(i) Weekly Variable Rate. During any Weekly Rate Period the Series 1985 B Bonds shall bear interest at the rate per annum established as follows, computed on the basis of a 365 or 366 day year, as applicable, for the actual number of days elapsed, and payable on the applicable Interest Payment Date. From the date of issuance and delivery of the Series 1985 B Bonds to the Original Purchasers to and including the first Interest Adjustment

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Date, the Series 1985 B Bonds shall bear interest at the interest rate per annum contained in the Certificate of Award delivered on the date of issuance and delivery of the Series 1985 B Bonds to the Original Purchasers. Thereafter the Remarketing Agent shall determine the interest rate on the Series 1985 B Bonds on each Interest Adjustment Date and such rate (A) shall become effective on Thursday of such week, if such Interest Adjustment Date is the Wednesday of a calendar week, and (B) otherwise shall become effective on the next day after such Interest Adjustment Date. The interest rate on the Series 1985 B Bonds determined by the Remarketing Agent shall be the product of the Applicable Percentage times the Weekly Rate Index and shall be the interest rate which, if borne by the Series 1985 B Bonds, would, based upon current transactions in comparable securities in which the Remarketing Agent is involved or of which it is aware and prevailing financial market conditions, be the interest rate necessary to enable the Remarketing Agent to sell such Series 1985 B Bonds in the secondary market at a price equal to the principal amount thereof plus accrued interest thereon; provided, however, that (A) the interest rate so determined shall not be greater nor less than the Applicable Percentage times the Weekly Rate Index then in effect; (B) if, for any reason, the Remarketing Agent fails to make or to announce such determination on such Interest Adjustment Date, the rate to take effect on Thursday of such week or on the following day, as applicable, shall be the Applicable Percentage times the Weekly Rate Index already in effect on the Interest Adjustment Date; and (C) if, at any time, the Series 1985 B Bonds are held by or on behalf of the Letter of Credit Bank or its designee pursuant to the First Supplemental Indenture, the interest rate on such Series 1985 B Bonds shall be the Bank Bond Rate; provided, however, that in no event shall the interest rate (other than a Bank Bond Rate) on the Series 1985 B Bonds exceed the Maximum Interest Rate.

The Remarketing Agent shall announce the rate so determined by telephonic notice to the Trustee on the Interest Adjustment Date, and shall confirm such notice in writing sent by wire, telex, telecopier, or similar means of communication, on the same day. The Trustee shall give notice on the Interest Adjustment Date of the rate so determined by telephone, wire, telex, telecopier or other similar means of communication, to the University, the Paying Agents, the Letter of Credit Bank and, in the discretion of the Trustee, the registered holders of the Series 1985 B Bonds at the addresses shown on the Register, or at such other address as any registered holder of Series 1985 B Bonds shall have delivered to the Trustee for the purpose of receiving such notices, but the University and

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the Trustee shall not be liable to any bondholder for failure to give such notice or for failure of any bondholder to receive such notice on the day following the Interest Adjustment Date or on any other date. If notice of the rate so determined is not sent to all of the registered holders of the Series 1985 B Bonds, it shall be either (a) sent by the Trustee only to the registered holders requesting such notice or (b) made available to all registered holders who telephone the Remarketing Agent and request it. The interest rate on the Series 1985 B Bonds so determined shall be conclusive and binding upon the holders of the Series 1985 B Bonds other than the Letter of Credit Bank.

(ii) Monthly Variable Rate. During any Monthly Rate Period the Series 1985 B Bonds shall bear interest at the rate per annum established as follows, computed on the basis of a 365 or 366 day year, as applicable, for the actual number of days elapsed, and payable on the applicable Interest Payment Date. The Remarketing Agent shall determine the interest rate on the Series 1985 B Bonds on each Interest Adjustment Date, and such rate shall become effective on the following day. The interest rate on the Series 1985 B Bonds determined by the Remarketing Agent shall be the product of the Applicable Percentage times the Monthly Rate Index, and shall be the interest rate which, if borne by the Series 1985 B Bonds, would, based upon current transactions in comparable securities in which the Remarketing Agent is involved or of which it is aware and prevailing financial market conditions, be the interest rate necessary to enable the Remarketing Agent to sell those Series 1985 B Bonds in the secondary market at a price equal to the principal amount thereof plus accrued interest thereon; provided, however, that (A) the interest rate so determined shall not be greater nor less than the Applicable Percentage times the Monthly Rate Index then in effect; (B) if, for any reason, the Remarketing Agent fails to make or to announce such determination on such Interest Adjustment Date, the rate to take effect on the following day shall be the Applicable Percentage times the Monthly Rate Index already in effect on such Interest Adjustment Date; and (C) if, at any time, the Series 1985 B Bonds are held by or on behalf of the Letter of Credit Bank or its designee pursuant to the First Supplemental Indenture, the interest rate on such Series 1985 B Bonds shall be the Bank Bond Rate; provided, however, that in no event shall the interest rate (other than a Bank Bond Rate) on the Series 1985 B Bonds exceed the Maximum Interest Rate.

The Remarketing Agent shall announce the rate so determined by telephonic notice to the Trustee on the

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Interest Adjustment Date, and shall confirm such notice in writing sent by wire, telex, telecopier, or similar means of communication, on the same day. The Trustee shall give notice on the Interest Adjustment Date of the rate so determined by telephone, telex, telecopier or other similar means of communication, to the University, the Paying Agents, the Letter of Credit Bank and, in the discretion of the Trustee, the registered holders of the Series 1985 B Bonds at the addresses shown on the Register, or at such other address as any registered holder of Series 1985 B Bonds shall have delivered to the Trustee for the purpose of receiving such notices, but the University and the Trustee shall not be liable to any bondholder for failure to give such notice or for failure of any bondholder to receive such notice on the day following the Interest Adjustment Date or on any other date. If notice of the rate so determined is not sent to all of registered holders of the Series 1985 B Bonds, it shall be either (a) sent by the Trustee only to the registered holders requesting such notice or (b) made available to all registered holders who telephone the Remarketing Agent and request it. The interest rate on the Series 1985 B Bonds so determined shall be conclusive and binding upon the holders of the Series 1985 B Bonds other than the Letter of Credit Bank.

(iii) Quarterly Variable Rate. During any Quarterly Rate Period the Series 1985 B Bonds shall bear interest at the rate per annum established as follows, computed on the basis of a 365 or 366 day year, as applicable, for the actual number of days elapsed, and payable on the applicable Interest Payment Date. The Remarketing Agent shall determine the interest rate on the Series 1985 B Bonds on each Interest Adjustment Date, and such rate shall become effective on the next succeeding Interest Payment Date or, if such day is not a Business Day, the succeeding day. The interest rate on the Series 1985 B Bonds determined by the Remarketing Agent shall be the product of the Applicable Percentage times the Quarterly Rate Index, and shall be the interest rate which, if borne by the Series 1985 B Bonds, would, based upon current transactions in comparable securities in which the Remarketing Agent is involved or of which it is aware and prevailing financial market conditions, be the interest rate necessary to enable the Remarketing Agent to sell those Series 1985 B Bonds in the secondary market at a price equal to the principal amount thereof plus accrued interest thereon; provided, however, that (A) the interest rate so determined shall not be greater than nor less than the Applicable Percentage times the Quarterly Rate Index then in effect; (B) if, for any reason, the Remarketing Agent fails to make or to announce such determination on such Interest Adjustment Date, the rate to take effect on the following

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day shall be the Applicable Percentage times the Quarterly Rate Index already in effect on such Interest Adjustment Date; and (C) if, at any time, the Series 1985 B Bonds are held by or on behalf of the Letter of Credit Bank or its designee pursuant to the First Supplemental Indenture, the interest rate on such Series 1985 B Bonds shall be the Bank Bond Rate; provided, however, that in no event shall the interest rate (other than a Bank Bond Rate) on the Series 1985 B Bonds exceed the Maximum Interest Rate.

The Remarketing Agent shall announce the rate so determined by telephonic notice to the Trustee on the Interest Adjustment Date, and shall confirm such notice in writing sent by wire, telex, telecopier, or similar means of communication, on the same day. The Trustee shall give notice on the Interest Adjustment Date of the rate so determined by telephone, telex, telecopier or other similar means of communication, to the University, the Paying Agents, the Letter of Credit Bank and, in the discretion of the Trustee, the registered holders of the Series 1985 B Bonds at the addresses shown on the Register, or at such other address as any registered holder of Series 1985 B Bonds shall have delivered to the Trustee for the purpose of receiving such notices, but the University and the Trustee shall not be liable to any bondholder for failure to give such notice or for failure of any bondholder to receive such notice on the day following the Interest Adjustment Date or on any other date. If notice of the rate so determined is not sent to all of registered holders of the Series 1985 B Bonds, it shall be either (a) sent by the Trustee only to the registered holders requesting such notice or (b) made available to all registered holders who telephone the Remarketing Agent and request it. The interest rate on the Series 1985 B Bonds so determined shall be conclusive and binding upon the holders of the Series 1985 B Bonds other than the Letter of Credit Bank.

(iv) Semiannual Rate Periods and Annual Rate Periods. During any Semiannual Rate Period or Annual Rate Period the Series 1985 B Bonds shall bear interest at the rate per annum established as follows, computed on the basis of a 360-day year of twelve 30-day calendar months, and payable on the Interest Payment Date immediately following each Interest Period. The Remarketing Agent shall determine the interest rate on the Series 1985 B Bonds on each Interest Adjustment Date, and such rate shall become effective on the next succeeding Interest Payment Date. The interest rate on the Series 1985 B Bonds determined by the Remarketing Agent shall be the Applicable Percentage of the applicable Semiannual or Annual Rate Index, and shall be the

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interest rate which, if borne by the Series 1985 B Bonds, would, based upon current transactions in comparable securities in which the Remarketing Agent is involved or of which it is aware and prevailing financial market conditions, be the interest rate necessary to enable the Remarketing Agent to sell those Series 1985 B Bonds in the secondary market at a price equal to the principal amount thereof plus accrued interest thereon; provided, however, that (A) the interest rate so determined shall not be greater than nor less than the Applicable Percentage times the Semiannual or Annual Rate Index then in effect; (B) if, for any reason, the Remarketing Agent fails to make or to announce such determination on such Interest Adjustment Date, the rate to take effect on the next succeeding Interest Payment Date shall be the Applicable Percentage times the applicable Semiannual or Annual Rate Index in effect during the preceding Computation Period; and (C) if, at any time, the Series 1985 B Bonds are held by or on behalf of the Letter of Credit Bank or its designee pursuant to the First Supplemental Indenture, the interest rate on such Series 1985 B Bonds shall be the Bank Bond Rate; provided, however, that in no event shall the interest rate (other than a Bank Bond Rate) on the Series 1985 B Bonds exceed the Maximum Interest Rate.

The Remarketing Agent shall announce the rate so determined by telephonic notice to the Trustee on the Interest Adjustment Date, and shall confirm such notice in writing sent by wire, telex, telecopier, or similar means of communication, on the same day. The Trustee shall give notice on the Interest Adjustment Date of the rate so determined by telephone, telex, telecopier or other similar means of communication, to the University, the Paying Agents, the Letter of Credit Bank and, in the discretion of the Trustee, the registered holders of the Series 1985 B Bonds at the addresses shown on the Register, or at such other address as any registered holder of Series 1985 B Bonds shall have delivered to the Trustee for the purpose of receiving such notices, but the University and the Trustee shall not be liable to any bondholder for failure to give such notice or for failure of any bondholder to receive such notice on the day following the Interest Adjustment Date or on any other date. If notice of the rate so determined is not sent to all of the registered holders of the Series 1985 B Bonds, it shall be either (a) sent by the Trustee only to the registered holders requesting such notice or (b) made available to all registered holders who telephone the Remarketing Agent and request it. The interest rate on the Series 1985 B Bonds so determined shall be conclusive and binding upon the holders of the Series 1985 B Bonds other than the Letter of Credit Bank.

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The Series 1985 B Bonds shall be deemed converted to the semiannual interest rate or to the annual interest rate, as applicable, if (a) interest is payable semiannually on June 1 and December 1 (or if any June 1 or December 1 is not a Business Day, on the first Business Day thereafter), (b) the first Computation Period commences on the effective date of such conversion and ends on the day preceding the first Interest Payment Date thereafter, and (c) each succeeding Computation Period commences on a Semiannual Interest Payment Date and ends on the day preceding the next Semiannual Interest Payment Date or the second succeeding Semiannual Interest Payment Date, in the case of an Annual Interest Rate, thereafter. If the University shall elect to convert the Series 1985 B Bonds to the semiannual interest rate or to the annual interest rate, the Trustee, at the direction of the University shall give notice by mail to the holders of the Series 1985 B Bonds not less than thirty (30) days prior to the date of conversion. Such notice shall state (A) that the interest rate on the Series 1985 B Bonds is scheduled to be converted to the semiannual interest rate or to the annual interest rate, as the case may be, (B) the effective date of such conversion, (C) that the effective date of such conversion shall be an Interest Payment Date on which interest will be paid at the applicable rate theretofore prevailing, (D) that thereafter interest will be determined on the basis set forth in this Section 2(f)(iv) and payable semiannually as above provided, and (E) that thereafter the Series 1985 B Bonds shall be purchased only on an Interest Payment Date as provided in Section 5 of the First Supplemental Indenture. Such notice shall be given by certified mail to the holders of the Series 1985 B Bonds whose names appear on the Register.

(v) Fixed Interest Rates. Upon conversion to Fixed Interest Rates as in this Section 2(f)(v) provided, the Series 1985 B Bonds of each maturity shall, from and after the date of conversion until maturity bear interest from the date of conversion, payable on the Interest Payment Date immediately following each Interest Period, at the Fixed Interest Rate applicable to that maturity, computed on the basis of a 360-day year of twelve 30-day calendar months. Upon receipt by the Paying Agents, the Trustee, the Letter of Credit Bank and the Remarketing Agent of a direction from the University or its Treasurer specifying the date of conversion (which shall be an Interest Payment Date not less than forty-five (45) days from the date the University gives such direction), the date the Fixed Interest Rates shall be established (which shall not be more than thirty (30) nor less than fifteen (15) days prior to the date of conversion), and, if applicable, approving a

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Fixed Interest Index, the Remarketing Agent shall compute and make available to the University, the Trustee, the Letter of Credit Bank and the Paying Agents, the Fixed Interest Index. Such direction shall be accompanied by an opinion of Bond Counsel stating that such conversion to Fixed Interest Rates is authorized or permitted by the Indenture and the Act, and that conversion to the Fixed Interest Rates in accordance with the provisions of the First Supplemental Indenture will not adversely affect the exemption of the interest on the Series 1985 B Bonds from federal income taxation. Following receipt of the University's direction and the establishment of the Fixed Interest Index, the Remarketing Agent shall determine, on the date specified by the University for such determination, the Fixed Interest Rates as those interest rates which, if borne by the Series 1985 B Bonds of each maturity, based upon current transactions in comparable securities in which the Remarketing Agent is involved or of which it is aware and prevailing financial market conditions, be the interest rate necessary to enable the Remarketing Agent to sell the Series 1985 B Bonds then outstanding in the secondary market at a price equal to the principal thereof plus accrued interest thereon. Such determination by the Remarketing Agent shall be conclusive and shall be the Fixed Interest Rates for the Series 1985 B Bonds of each maturity commencing with the Interest Payment Date which is the date of conversion until maturity; provided, however, that in no event shall the interest rate (other than a Bank Bond Rate) on the Series 1985 B Bonds exceed the Maximum Interest Rate. The University shall have the right to deliver to the registered owners replacement Series 1985 B Bonds bearing the Fixed Interest Rates with deletion of such terms as are no longer applicable. Any such replacement Series 1985 B Bonds shall be executed and authenticated as provided generally in the Indenture.

At the direction of the University, the Trustee shall give notice by mail to the holders of the Series 1985 B Bonds not less than thirty (30) days prior to the date of conversion to the Fixed Interest Rates. Such notice shall state (A) that the interest rate on the Series 1985 B Bonds is scheduled to be converted to Fixed Interest Rates, (B) the effective date on the Fixed Interest Rates, (C) the date the Fixed Interest Rates are scheduled to be determined, (D) that subsequent to such effective date the holders of Series 1985 B Bonds will no longer have the right to require purchase of Series 1985 B Bonds by the Tender Agent as otherwise required by this Resolution, (E) that all outstanding Series 1985 B Bonds not purchased by the Tender Agent on or prior to the effective date of the Fixed Interest Rates will be purchased by the University on the

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effective date of the Fixed Interest Rates at a price of par plus accrued interest, if any, except Series 1985 B Bonds or portions thereof which the holder shall have directed the University not to purchase in accordance with Section 2(h)(iii)(D) hereof, (F) that any Letter of Credit or the Series 1985 B Credit Support Instrument, as the case may be, will terminate upon the conversion of the interest rate on the Series 1985 B Bonds to Fixed Interest Rates, (G) that the then current Rating Service ratings on the Series 1985 B Bonds may be based on the Letter of Credit or the Series 1985 B Credit Support Instrument and may be reduced or withdrawn and (H) the maturity schedule (by bond number), mandatory sinking fund redemption schedule and optional redemption schedule, if any, and a description of the security for the Series 1985 B Bonds, which would become effective after conversion to Fixed Interest Rates. Such notice shall be given by registered or certified mail to the holders of the Series 1985 B Bonds whose names appear on the Register.

Any Series 1985 B Bond purchased by the Tender Agent pursuant to the terms of the First Supplemental Indenture from the date notice of a mandatory purchase is given in the manner provided herein through the effective date of the Fixed Interest Rates shall not be remarketed except to a buyer who agrees at the time of such purchase either (i) to accept the Fixed Interest Rates when the Fixed Interest Rates becomes effective or (ii) to require purchase of the Series 1985 B Bond by the Tender Agent pursuant to Section 5 of the First Supplemental Indenture on the effective date of the Fixed Interest Rates. Series 1985 B Bonds purchased by the Tender Agent from such notice date through such effective date of the Fixed Interest Rates and not remarketed shall not be purchased, but shall (without the need for direction pursuant to Section 2(h)(iii)(D) hereof) remain outstanding as Series 1985 B Bonds bearing the Fixed Interest Rates.

(vi) Conversion. Upon receipt by the Paying Agents, the Trustee, the Letter of Credit Bank and the Remarketing Agent of (A) a direction from the University or its Treasurer, specifying the date a Weekly Rate Period, Monthly Rate Period, Quarterly Rate Period, Semiannual Rate Period or Annual Rate Period shall be established (which shall be an Interest Payment Date at least forty-five (45) days from the date the University gives such direction), (B) if a Semiannual Rate Period or Annual Rate Period is specified, a replacement for any Letter of Credit or a replacement for the Series 1985 B Credit Support Instrument then in effect or an amendment to such Letter of Credit or to the Series 1985 B Credit Support Instrument, as the case

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may be, to cover the appropriate amount of interest as set forth in the definition of "Letter of Credit" or as then provided by the Series 1985 B Credit Support Instrument, and (C) if a Semiannual Rate Period or an Annual Rate Period, the Computation Period for that Semiannual Rate Period or Annual Rate Period, the Remarketing Agent shall begin to compute the applicable Variable Rate Index and interest rate on the schedule provided in (i), (ii), (iii) or (iv) above. Such direction shall be accompanied by an opinion of Bond Counsel stating that such conversion is authorized or permitted by the Indenture and the Act, and that conversion to a Weekly Rate Period, a Monthly Rate Period, a Quarterly Rate Period, a Semiannual Rate Period or an Annual Rate Period in accordance with the provisions of the First Supplemental Indenture will not adversely affect the exemption of the interest on the Series 1985 B Bonds from federal income taxation.

(vii) Interest Rates on Bonds held by Letter of Credit Bank. Notwithstanding anything contrary contained in the First Supplemental Indenture, during any Interest Period (including, without limitation, a Fixed Rate Period) in which any Series 1985 B Bonds are held by or for the account of the Letter of Credit Bank or its designee by reason of the purchase of such Series 1985 B Bonds from a draw on the Letter of Credit or under the Series 1985 B Credit Support Instrument (but not otherwise), the interest rate borne by such Series 1985 B Bonds (and only such Series 1985 B Bonds) shall be the Bank Bond Rate.

(viii) Computation of Indices. The Remarketing Agent shall at the request of the University compute and make available to the University the Weekly Rate Index, the Monthly Rate Index, the Quarterly Rate Index, the Semiannual Rate Index, the Annual Rate Index and the Fixed Rate Index at any time prior to conversion to the Fixed Interest Rates.

(g) Maturities. The Series 1985 B Bonds outstanding shall mature on December 1, 2001, unless they have been redeemed prior to such date by mandatory redemption or otherwise. If the Series 1985 B Bonds are converted to the Fixed Interest Rates, they may mature on each of the next succeeding December firsts in the amounts which would otherwise have been subject to mandatory sinking fund redemption on each such December 1, and shall otherwise mature and be subject to mandatory sinking fund redemption as provided herein for periods other than the Fixed Rate Period. Nothing in the preceding sentence shall be deemed to in any case extend the maturity of any Series 1985 B Bond if conversion occurs. The Series 1985 B Bonds (or portions

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thereof in amounts of \$5,000 or any integral multiple thereof) to be assigned to each new maturity pursuant to this subsection shall be determined by lot in any manner which the Trustee may determine.

(h) Redemption. The Series 1985 B Bonds are subject to redemption as provided in the following paragraphs (i), (ii) and (iii).

(i) Optional Redemption. Prior to conversion to the Fixed Interest Rates, the Series 1985 B Bonds are subject to optional redemption at the election of the University upon forty-five (45) days' notice to the Trustee, prior to maturity in whole or in part (in integral multiples of \$100,000) on any Interest Payment Date at a redemption price equal to 100% of the principal amount redeemed plus accrued interest to the date of redemption. Any Series 1985 B Bonds held by the Letter of Credit Bank pursuant to the First Supplemental Indenture shall be called for redemption first.

If the Letter of Credit is in effect with respect to the Series 1985 B Bonds, on or prior to the termination of the Letter of Credit, (i) such redemption shall only be made from monies provided by the University and held by the Trustee for at least 124 days prior to the date notice of such redemption is given, and (ii) the Trustee shall not give notice of optional redemption without the prior written consent of the Letter of Credit Bank, unless the Trustee has such monies on deposit in the Special Bond Service Account and reserved solely for the purpose of such optional redemption in an amount sufficient to pay the principal of and interest on the Series 1985 B Bonds to be redeemed.

(ii) Optional Redemption During Fixed Rate Period. Upon conversion to Fixed Interest Rates, the Series 1985 B Bonds are subject to optional redemption at the election of the University upon at least forty-five (45) days' notice to the Trustee, prior to maturity in whole or in part (in integral multiples of \$5,000) on any Interest Payment Date at a redemption price, plus accrued interest to the date of redemption, determined in accordance with the schedule to be specified in the Certificate of Award.

(iii) Mandatory Redemption and Purchase Prior to Conversion to Fixed Rates. (A) Mandatory Sinking Fund Redemption. Prior to conversion to the Fixed Rates, the Series 1985 B Bonds are subject to mandatory redemption by the University at a redemption price equal to 100% of the principal amount redeemed plus accrued interest to the date of redemption on December 1 in the principal amounts and in the years specified in the Certificate of Award.

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The amounts set forth in the Certificate of Award as the mandatory redemption requirements in the years 1986 through 2000, and the principal amount remaining to be paid on December 1, 2001, shall constitute principal maturities in those years for the purposes of determining amounts to be deposited to the Bond Service Account and the amount of the Bond Reserve Requirement in respect of the Series 1985 B Bonds pursuant to the Indenture.

(B) Mandatory Purchase Upon Expiration of Letter of Credit or of the Series 1985 B Credit Support Instrument. Prior to conversion to the Fixed Interest Rates and provided the Letter of Credit or the Series 1985 B Credit Support Instrument is in effect with respect to the Series 1985 B Bonds, the Series 1985 B Bonds are subject to mandatory purchase by the University (A) in whole on December 1, 1990 (or such later date as is provided in the Certificate of Award) and on each December 1 thereafter at a purchase price of 100% of the principal amount thereof, unless on or before the immediately preceding August 1, the Letter of Credit Bank shall have extended the expiration date of the Letter of Credit, or there shall be effective a Series 1985 B Credit Support Instrument, to a date not earlier than December 1 of the next succeeding year or a replacement Letter of Credit or Series 1985 B Credit Support Instrument issued in accordance with Section 6(B) of the First Supplemental Indenture and containing an expiration date of not earlier than December 1 of the next succeeding year shall have been delivered to the Trustee and (B) on the effective date of any Replacement Letter of Credit or Series 1985 B Credit Support Instrument provided pursuant to Section 6(B) of the First Supplemental Indenture unless the Series 1985 B Bonds, with such Replacement Letter of Credit or 1985 Series B Credit Support Instrument, will bear ratings from each Rating Service at least as high as the Series 1985 B Bonds are rated immediately prior to the provision of such replacement Letter of Credit or Series 1985 B Credit Support Instrument. In the event that the Series 1985 B Bonds are to be converted to Fixed Interest Rates, effective on the Interest Payment Date next preceding the date of expiration of the Letter of Credit, any purchase on such Interest Payment Date shall occur pursuant to paragraph (C) below and not this paragraph (B). Notice of any mandatory purchase pursuant to this subsection (B) shall be given by the Trustee, not less than thirty (30) days prior to the date fixed for mandatory purchase, to the University, the Paying Agents, the Letter of Credit Bank and the registered holders of the Series 1985 B Bonds at the addresses shown on the Register, or at such other address as any registered holder of the Series 1985 B Bonds shall have

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delivered to the Trustee for the purpose of receiving such notices; provided that failure to receive notice by mailing, or any defect in that notice, as to any Bond shall not affect the validity of the proceedings for the purchase of any other Bond. Notwithstanding the foregoing provisions of this paragraph (B) there shall be no mandatory purchase under this paragraph (B) of any Series 1985 B Bonds which are deemed to have been paid and are no longer deemed to be outstanding.

The Trustee shall pay the price of Series 1985 B Bonds so purchased: First, from the proceeds of remarketing such Series 1985 B Bonds, Second, from a drawing upon the Letter of Credit, if any, Third, from the Special Bond Service Account and any other sources available for such purchase, whether from the University or otherwise and Fourth, from amounts obtained by or on behalf of the University under the Series 1985 B Credit Support Instrument, if in accordance with the terms of such instrument. As and when the Series 1985 B Bonds so purchased by the University are received by the Trustee, the Trustee shall pay the purchase price for such Series 1985 B Bonds as aforesaid, and the University shall cause such Series 1985 B Bonds to be resold forthwith at a price as to the principal thereof at least equal to the University's purchase price for the principal of such Series 1985 B Bonds. Prior to such resale (so long as Obligations of the University under the Reimbursement Agreement or Bond Service Charges on such Series 1985 B Bonds held by or for the account of the Letter of Credit Bank are unsatisfied), such Series 1985 B Bonds shall be held by the Trustee for the account of the Letter of Credit Bank or, at the option of the Letter of Credit Bank, shall be delivered to the Letter of Credit Bank or its designee, within three Business Days after such payment and, if the Letter of Credit Bank so directs, shall be registered in the name of the Letter of Credit Bank or its designee and will be delivered to persons (other than the University) purchasing such Series 1985 B Bonds upon receipt by the Letter of Credit Bank of the purchase price therefor. The Trustee shall maintain a record of the numbers of the Series 1985 B Bonds so purchased by the University.

(C) Mandatory Purchase Upon Establishment of Fixed Interest Rates. The Series 1985 B Bonds are subject to mandatory purchase by the University in whole upon conversion to Fixed Interest Rates at a purchase price of 100% of the principal amount thereof on the Interest Payment Date which is the effective date of the Fixed Interest Rates provided that there shall not be so purchased Series 1985 B Bonds with respect to which the Trustee shall have received

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direction not to so purchase the same from the holders thereof in accordance with Section 2(h)(iii)(D) hereof and Series 1985 B Bonds which have been remarketed as Series 1985 B Bonds with Fixed Interest Rates. Notice of any mandatory purchase pursuant to this subsection (C) shall be given in the same manner and at the same time as a notice of mandatory purchase in the manner provided in subsection (B) above; provided that failure to receive notice by mailing, or any defect in that notice, as to any Bond shall not affect the validity of the proceedings for the purchase of any other Bond.

The Trustee shall pay the price of Series 1985 B Bonds so purchased by the University: First, from the proceeds of remarketing such Series 1985 B Bonds, Second, from a drawing upon the Letter of Credit, if any, Third, from the Special Bond Service Account or any other sources available for such purchase, whether from the University or otherwise and Fourth, from amounts obtained by or on behalf of the University under the Series 1985 B Credit Support Instrument, if such amounts are available in accordance with the terms thereof. As and when the Series 1985 B Bonds so purchased by the University are received by the Trustee, the Trustee shall pay the purchase price for such Series 1985 B Bonds as aforesaid, and the University shall cause such Series 1985 B Bonds to be resold forthwith at a price as to the principal thereof at least equal to the University's purchase price for the principal of such Series 1985 B Bonds. Prior to such resale (so long as any Obligations of the University under any Reimbursement Agreement or Bond Service Charges on such Series 1985 B Bonds held by or for the account of the Letter of Credit Bank are unsatisfied), such Series 1985 B Bonds shall be held by the Trustee for the account of the Letter of Credit Bank or, at the option of the Letter of Credit Bank, shall be delivered to the Letter of Credit Bank or its designee, within three Business Days after such payment and, if the Letter of Credit Bank so directs, shall be registered in the name of the Letter of Credit Bank or its designee and will be delivered to persons (other than the University) purchasing such Series 1985 B Bonds upon receipt by the Letter of Credit Bank of the purchase price therefor. The Trustee shall maintain a record of the numbers of Series 1985 B Bonds so purchased by the University.

It shall be the duty of the Trustee to hold the monies drawn by the Trustee under the Letter of Credit or otherwise provided for the purchase on such Interest Payment Date of any undelivered Series 1985 B Bonds, without liability for interest thereon, for the benefit of the former holders of the Series 1985 B Bonds, who shall

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thereafter be restricted exclusively to such monies, for such claim of whatever nature on their part under the Indenture or on, or with respect to, such Series 1985 B Bonds. Any monies so deposited with and held by the Trustee and not so applied to the payment of Series 1985 B Bonds within four years after such Interest Payment Date shall be paid by the Trustee to the University. Thereafter the former holders shall be entitled to look only to the University for payment, and then only to the extent of the amount so repaid to the University and the University shall not be liable for any interest thereon and shall not be regarded as a trustee of such money.

(D) Direction Not to Purchase Series 1985 B Bonds Upon Conversion to Fixed Interest Rates or Upon Expiration of Letter of Credit or of the Series 1985 B Credit Support Instrument. Upon and in connection with the conversion to Fixed Interest Rates or expiration of the Letter of Credit, if any, or of the Series 1985 B Credit Support Instrument (if such Series 1985 B Credit Support Instrument was in effect upon issuance and sale of the Series 1985 B Bonds), a holder may direct the University not to purchase all or any portion (in the principal amount of \$5,000 or any multiple thereof, if the Series 1985 B Bonds are being converted to Fixed Interest Rates, and otherwise in the principal amount of \$100,000 or any multiple thereof) of any Series 1985 B Bond held by him by delivering to the Trustee at its principal corporate trust office on or before the fifth Business Day preceding the date fixed for such purchase an instrument or instruments in writing executed by such holder (A) specifying the numbers and denominations of Series 1985 B Bonds held by him, (B) acknowledging receipt of notice of the matters set forth in clauses (A) through (H) of the second paragraph of Section 2(f)(v) hereof, if applicable, and (C) directing the University not to purchase such Series 1985 B Bonds or portions thereof (in the principal amount of \$5,000 or any multiple thereof, if the Series 1985 B Bonds are being converted to Fixed Interest Rates, and otherwise in the principal amount of \$100,000 or any multiple thereof); provided, however, that a holder who makes such a direction must hold such Series 1985 B Bonds at least through the date of conversion to Fixed Interest Rates or through the date of expiration of the Letter of Credit, if any, or the expiration of the Series 1985 B Credit Support Instrument, as the case may be.

Any instrument delivered to the Trustee in accordance with this Section 2(h)(iii)(D) shall be irrevocable with respect to the purchase for which such instrument was delivered and shall be binding upon

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subsequent holders of the Series 1985 B Bonds including Series 1985 B Bonds issued in exchange therefor or upon the registration of transfer thereof, but such instrument shall have no effect upon any subsequent purchase of Series 1985 B Bonds.

(E) Mandatory Purchase Upon Certain Defaults.

Prior to the Termination Date and upon the occurrence of an Event of Default as defined in subsections (a) or (b) of Section 6.01 of the Indenture or as defined in Section 6(D) of the First Supplemental Indenture, all Series 1985 B Bonds (other than Series 1985 B Bonds held by or for the account of the University) shall be purchased by the Trustee on the date set forth in the notice given by the Trustee (which date shall be 10 days from the date of such notice) at a purchase price equal to the principal amount thereof plus accrued interest, if any, to the date of such purchase. Any Series 1985 B Bonds not delivered for purchase on the date specified in such notice shall nonetheless be deemed tendered for the sale by the holder thereof and purchased by the Trustee and deemed to be no longer outstanding under the Indenture, provided that sufficient monies are then on deposit with the Trustee for such purchase. Notice of any mandatory purchase pursuant to this subsection (E) shall be given in the same manner as a notice of mandatory purchase in the manner provided in subsection (B) above; provided that failure to receive notice by mailing, or any defect in that notice, as to any Bond shall not affect the validity of the proceedings for the purchase of any other Bond.

The Trustee shall pay the price of Series 1985 B Bonds so purchased by the University: First, from a drawing upon the Letter of Credit, if any, and Second, from the Special Bond Service Account or any other sources available for such purchase, whether from the University or otherwise and Third, from amounts obtained by or on behalf of the University under the Series 1985 B Credit Support Instrument, if such amounts are available in accordance with the terms thereof. As and when the Series 1985 B Bonds so purchased by the University are received by the Trustee, the Trustee shall pay the purchase price for such Series 1985 B Bonds as aforesaid. If the Letter of Credit is drawn upon for such purpose, such Series 1985 B Bonds shall be held by the Trustee for the account of the Letter of Credit Bank or, at the option of the Letter of Credit Bank, shall be delivered to the Letter of Credit Bank or its designee, within three Business Days after such payment and, if the Letter of Credit Bank so directs, shall be registered in the name of the Letter of Credit Bank or its designee. The Trustee shall maintain a record of the numbers of the Series 1985 B Bonds so purchased by the University.

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(F) Mandatory Purchase by University of Series 1985 B Bonds Held by Letter of Credit Bank Upon Termination of Letter of Credit. On the Termination Date of the Letter of Credit or the Series 1985 B Credit Support Instrument, whichever is in effect with respect to the Series 1985 B Bonds, the University shall purchase, or cause the purchase, from the Letter of Credit Bank of all Series 1985 B Bonds held by or for the account of the Letter of Credit Bank or its designee, at a price equal to 100% of the principal amount thereof, plus accrued interest in respect of such Series 1985 B Bonds held by or for the account of the Letter of Credit Bank or its designee.

(G) Reimbursement of Letter of Credit Bank. After a draw on the Letter of Credit pursuant to Section 6(A) of the First Supplemental Indenture or Section 2(h)(iii)(B), (C) or (E) hereof, and payment or provision for payment of all outstanding Series 1985 B Bonds (other than Series 1985 B Bonds held by or for the account of the University or the Letter of Credit Bank or its designee), the Trustee shall, upon direction of the Letter of Credit Bank, First, transfer a pro rata portion (based on the ratio of the amount of the Obligations under the Reimbursement Agreement to the total amount of the obligations equally and proportionately secured thereby) of any amounts on deposit in the Bond Fund and available for payment of Obligations under the Reimbursement Agreement, Second, transfer a pro rata portion (based on the ratio of the amount of the Obligations under the Reimbursement Agreement to the total amount of the Obligations equally and proportionately secured thereby) of any amounts on deposit in the Bond Reserve Fund, and Third, transfer any other funds pledged and available for the payment of Obligations under the Reimbursement Agreement hereunder, to the Letter of Credit Bank to reimburse the Letter of Credit Bank, in whole or in part, for any such Obligations.

(i) Appointment of Remarketing Agent. The Board hereby appoints John Nuveen & Co. Incorporated as the initial Remarketing Agent under the First Supplemental Indenture.

(j) Appointment of Tender Agent. The Board hereby appoints United States Trust Company of New York, New York, New York as the initial Tender Agent under the First Supplemental Indenture.

(k) Security. There is hereby confirmed the pledge, in priority to all other expenses, claims and payments, to the security of the Series 1985 B Bonds and for the payment of the Bond Service Charges on the Series 1985 B

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RATE DEMAND GENERAL RECEIPTS BONDS,
SERIES 1985 B, OF THE OHIO STATE UNIVERSITY (contd)**

Bonds and for establishment and maintenance of the Bond Reserve Requirement (as defined in the Indenture), the gross amount of General Receipts of the University (subject to the provisions for the partial release of a pledge of General Receipts contained in Section 4.11 of the Indenture), and the Special Funds, as provided in the Indenture. In accordance with the Act, all the General Receipts or portions thereof are immediately subject to the lien of the pledge upon receipt thereof by the University, and such pledge creates a perfected security interest without necessity for prior separation, physical delivery, filing or recording or further act. If the Letter of Credit is in effect with respect to the Series 1985 B Bonds, such Bonds shall also be payable from monies derived by the Trustee from drawings under the Letter of Credit.

(l) Payment, Places of Payment and Paying Agents. Principal of and redemption premium on the Series 1985 B Bonds when due shall be payable to the registered holders, upon presentation and surrender thereof, at the principal corporate trust office of the Trustee and the Tender Agent, respectively. Interest shall be payable by check or draft mailed by the Trustee as provided in the Indenture; provided, however, that interest on Series 1985 B Bonds aggregating \$1,000,000 or more in principal amount registered in the name of a single holder shall be paid by wire transfer in immediately available funds to such account, if any, as such holder directs in writing to the Trustee. Interest on Series 1985 B Bonds held by the Letter of Credit Bank or its designee shall be paid (at the Bank Bond Rate) by wire transfer on each Interest Payment Date unless the Letter of Credit Bank notifies the Trustee of a different mutually acceptable method.

(m) Purchase Rights. The holders of Series 1985 B Bonds shall have certain rights to have their Series 1985 B Bonds purchased at certain times and on certain conditions described in Section 5 of the First Supplemental Indenture.

Section 3. Sale of the Series 1985 B Bonds; Certificate of Award; Offering Memorandum. It having been determined that all conditions have been met for the issuance of Additional Bonds under the Indenture, the Series 1985 B Bonds are sold and awarded to the Original Purchasers in accordance with the Contract of Purchase at the purchase price (not less than ninety-nine per cent (99%) of the principal amount plus accrued interest) provided in the Certificate of Award. The form of Contract of Purchase now on file with the Secretary of the Board is hereby approved, together with any changes therein and completions thereof which are not inconsistent with this Resolution and not

December 5 and 6, 1985 meeting, Board of Trustees

**AUTHORIZATION, ISSUANCE AND SALE OF VARIABLE
RATE DEMAND GENERAL RECEIPTS BONDS,
SERIES 1985 B, OF THE OHIO STATE UNIVERSITY (contd)**

substantially adverse to the University, and as are permitted by the Act and approved on behalf of the University by the Treasurer. The approval on behalf of the University of those changes and completions by the Treasurer, and the status of those changes as not substantially adverse to the University, shall be conclusively evidenced by the execution of the Contract of Purchase on behalf of the University by the Treasurer. It is determined hereby that the Purchase Price and the manner of sale and the terms of the Series 1985 B Bonds, as provided in this Resolution, are consistent with all legal requirements and will carry out the public purposes of the Act. Such award shall be further evidenced by the Certificate of Award, which shall state or confirm the aggregate principal amount of the Series 1985 B Bonds to be issued, the purchase price, the allocation of proceeds, the initial interest rate or rates, the maturity dates, the mandatory sinking fund requirements and the optional redemption provisions, all as determined in accordance with the provisions of this Resolution and the Contract of Purchase. The Certificate of Award shall also include the form of the Series 1985 B Bonds (the "Form of Bond"), attached thereto as Exhibit A. The Certificate of Award is hereby authorized and shall be executed by the Treasurer and shall also contain such other data or provisions as such officer determines are appropriate or necessary, consistent with this Resolution, the Indenture, the First Supplemental Indenture and the Contract of Purchase. The Certificate of Award shall be deemed a part of this Resolution in connection with the authorization, issuance and sale of the Bonds.

The distribution of the Preliminary Offering Memorandum relating to the Series 1985 B Bonds is hereby approved. The use and distribution of the final Offering Memorandum relating to the original issuance of the Series 1985 B Bonds, substantially in the form of the Preliminary Offering Memorandum now on file with the Board, subject to any changes, modifications or supplements approved by the Treasurer on behalf of the Board, is hereby authorized for the period of initial marketing of the Series 1985 B Bonds. The Board has not confirmed, and assumes no responsibility for, the accuracy, sufficiency or fairness of any statements in the Preliminary Offering Memorandum or the final Offering Memorandum or any supplements thereto, or in any reports, financial information, offering or disclosure documents or other information in any way relating to the Letter of Credit Bank or the Original Purchasers.

December 5 and 6, 1985 meeting, Board of Trustees

**AUTHORIZATION, ISSUANCE AND SALE OF VARIABLE
RATE DEMAND GENERAL RECEIPTS BONDS,
SERIES 1985 B, OF THE OHIO STATE UNIVERSITY (contd)**

The Treasurer is authorized and directed to make the necessary arrangements with the Original Purchasers to establish the date (which shall not be prior to December 30, 1985) location, procedures and conditions for the delivery of the Series 1985 B Bonds to the Original Purchasers and to take all steps necessary to effect due execution, authentication and delivery of the Series 1985 B Bonds to the Original Purchasers under the terms of this Resolution.

Section 4. Allocation of Proceeds. The proceeds from the sale of the Series 1985 B Bonds, including any accrued interest, shall be allocated, deposited and applied as follows:

- (i) To the Bond Fund, accrued interest received on the sale of the Series 1985 B Bonds;
- (ii) To the Bond Reserve Fund an amount equal to the Bond Reserve Requirement in respect to the Series 1985 B Bonds; and
- (iii) To the Construction Fund, the entire remaining amount of those proceeds, to be applied to the purposes of that Fund, including transfers from that Fund authorized by the Act and to pay costs and expenses associated with the issuance of the Series 1985 B Bonds.

Section 5. Construction Fund. There is hereby created by the University and ordered maintained a separate deposit account designated the "1985 University Construction Fund" (the "Construction Fund"). The Construction Fund shall be funded from the proceeds of the sale of the Series 1985 B Bonds. Monies in the Construction Fund (including monies earned on investment of monies in the Construction Fund) may be used for the payment or reimbursement of all costs and expenses constituting Project costs and to pay costs and expenses associated with the issuance of the Series 1985 B Bonds. Payments from the Construction Fund shall be made as provided in Section 9 of the Series 1985 A Bond Resolution.

Section 6. Use of Proceeds. The University covenants that the use of the proceeds of the Series 1985 B Bonds will be restricted in such manner and to such extent, if any, as may be necessary, after taking into account reasonable expectations at the time of delivery of and payment for the Series 1985 B Bonds, so that the Series 1985 B Bonds will not constitute arbitrage bonds under the Code.

December 5 and 6, 1985 meeting, Board of Trustees

**AUTHORIZATION, ISSUANCE AND SALE OF VARIABLE
RATE DEMAND GENERAL RECEIPTS BONDS,
SERIES 1985 B, OF THE OHIO STATE UNIVERSITY (contd)**

The Treasurer of the University, or any other officer having responsibility with respect to the issuance of the Series 1985 B Bonds, alone or in conjunction with any other officer or employee of or consultant to the University, will give an appropriate certificate of the University for inclusion in the transcript of proceedings for the Series 1985 B Bonds setting forth the reasonable expectations of the University regarding the amount and use of all those proceeds and the facts and estimates on which they are based, all as of the date of original delivery of and payment for the Series 1985 B Bonds. The University further convenants that if at any time amounts in the Bond Reserve Fund allocable to and constituting proceeds of the Series 1985 B Bonds under the Code, together with any other acquired obligations chargeable to the minor portion of the Series 1985 B Bonds, would exceed such minor portion, the Treasurer of the University shall cause such amounts in the Bond Reserve Fund, to the extent necessary, to be reinvested so that only such amounts not in excess of that minor portion are invested at a yield materially higher than the yield on the Series 1985 B Bonds as determined pursuant to the Code.

Section 7. Further Covenants. In addition to the covenants in Section 5 and elsewhere contained herein, the University reconfirms its covenants listed in Section 13 of the Series 1985 A Bond Resolution.

Section 8. First Supplemental Indenture, Remarketing Agreement, Reimbursement Agreement, Series 1985 B Credit Support Instrument and Other Documents. In order better to secure the payment of the Bond Service Charges as the same shall become due and payable, the Chairman of the Board, the President of the University and the Secretary of the Board and the Treasurer, or any one or more of them, are authorized and directed to execute, acknowledge and deliver, in the name and on behalf of the University and pursuant to the Indenture, the First Supplemental Indenture to the Trustee, the Remarketing Agreement, the Reimbursement Agreement, the Letter of Credit Agreement, if any, and the Series 1985 B Credit Support Instrument, each in substantially the form submitted to this Board or to such officers on behalf of this Board and the University, and hereby approved, with such changes therein not substantially adverse to the University as may be permitted by the Act and approved by the officers executing the same on behalf of the University. The approval of such changes by said officers, and that such changes are not substantially adverse to the University, shall be conclusively evidenced by the execution of each such instrument or document by such officers. Such officers are further authorized to execute and deliver on

December 5 and 6, 1985 meeting, Board of Trustees

**AUTHORIZATION, ISSUANCE AND SALE OF VARIABLE
RATE DEMAND GENERAL RECEIPTS BONDS,
SERIES 1985 B, OF THE OHIO STATE UNIVERSITY (contd)**

behalf of the University such other certificates, documents and instruments as are necessary in connection with the acts authorized by this Resolution.

Section 9. Text of Resolution. The text of this Resolution authorizing the issuance and sale of the Series 1985 B Bonds and related acts by the University may be changed for the purpose of curing any ambiguity, inconsistency or formal defect or omission in this Resolution or in respect of this Resolution as it relates to the Indenture, the First Supplemental Indenture, the Certificate of Award, the Form of Bond, the Offering Memorandum, the Remarketing Agreement, the Letter of Credit Agreement or the Series 1985 B Credit Support Instrument. Such changes shall be subject to the approval of any one of the officers of the University referred to in Section 8 above as being changes not substantially adverse to the University or contrary to the true intent and meaning hereof and shall be acceptable to Bond Counsel.

Section 10. Open Meeting Determination. It is found and determined that all formal actions of the Board concerning and relating to the adoption of this Resolution or adopted in an open meeting of the Board, and that all deliberations of the Board and of any of its committees that resulted in such formal action were in meetings open to the public, in compliance with all legal requirements including Section 121.22 of the Revised Code.

Section 11. Effective Date. This Resolution shall take effect and be in force immediately upon its adoption. Reference shall be made to the Indenture and the First Supplemental Indenture concerning matters not specifically addressed in this Resolution.

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

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**REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO
Resolution No. 86-66**

RESOLVED, That the report on the University's Investment Portfolio, dated November 15, 1985, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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December 5 and 6, 1985 meeting, Board of Trustees

Thereupon the Board adjourned to meet Thursday, February 6, 1986, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 6:30 p.m.

Attest:

Madison H. Scott
Secretary

John F. Havens
Chairman

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APPENDIX II

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

December 13, 1985

Commencement Speaker

Charles A. Csuri

A pioneer in computer animation and graphics, Charles A. Csuri is a professor of art education and of computer and information science at The Ohio State University. Through his position as director of the University's Computer Graphics Research Group, he has provided a conceptual framework for new directions in art. Csuri has developed an experimental program of graduate study for artists and animators at Ohio State that has attracted worldwide interest.

With support from the National Science Foundation, the Navy, and the Air Force Office of Scientific Research, he has directed basic research in computer graphics for the past 18 years. This work has involved 14 major projects and more than \$3 million in external funding. The research results have been applied to flight simulators, computer-aided design, science education, anatomy, education for the deaf, architecture, and special effects for television and films.

Csuri has published widely, and his research has been described in at least 20 books and a number of journals. He is on the editorial board of the *IEEE Journal of Computer Graphics and Applications* and the editorial advisory board of *Computer Graphics Today*. He received a Distinguished Research Award from Ohio State in 1983 and the Golden Eagle Award in 1985 from the Visual Communications Congress in New York.

Csuri has appeared on the *Today* show and *Walter Cronkite's Universe*, as well as on Japanese, Belgian, and German television. He founded Cranston/Csuri Productions, which has produced animation for all three major U.S. television networks, commercial clients, and *The Living Body*, a series of 24 television programs scheduled for worldwide distribution in 1986.

Csuri was awarded a Bronze Star for heroism during the Second World War. The holder of bachelor's and master of fine arts degrees from Ohio State, he was an All-American tackle and most valuable player on the University's national championship football team in 1942.

Recipients of Honors

Richard T. Baker **Doctor of Accounting and Business Administration**

Richard T. Baker has brought distinction to The Ohio State University in a career that has earned him national prominence in business, education, and community service. Baker earned a bachelor's degree in business administration from Ohio State in 1939, was senior class president, and a member of the Big Ten championship basketball team.

Prior to retiring in 1977 as managing partner of Ernst & Whinney in Cleveland, he had helped the firm earn a reputation as one of the most progressive in the field of accounting and as perhaps the most committed to the importance of higher education. Under Baker's direction, the firm sponsored a seminar series that brought together educators and professionals to address vital issues in accounting. The firm also provided substantial support for doctoral students, internship opportunities for faculty members, support for research projects, and initiated a program to provide faculty assistance in accounting to predominantly black colleges.

Baker was a charter member of the Ohio Board of Regents and helped formulate its Master Plan for Higher Education in the state. He played an important role in the creation of Cleveland State University and Cuyahoga Community College. Baker has also served several other universities in an advisory capacity. His service to his alma mater has included membership in The Presidents Club, the Pace Setters, and the Business Administration Advisory Council. The Ernst and Whinney Professorship of Accounting was established at Ohio State in his honor upon his retirement. Baker continues to have an impact in the business community through his membership and key committee roles on the boards of directors of several national corporations, including General Electric Company and Anheuser-Busch, Inc.

On the civic scene, Richard Baker has been an ardent volunteer in the promotion of community development and social service in Cleveland. He did much to advance the cause of Cleveland's United Way effort and served on the board of governors of the United Way of America. He was a director and first vice-chairman of the Greater Cleveland Growth Association and has served on the boards of numerous other arts and civic organizations in northern Ohio.

Baker is acclaimed by all who know him for his creativity, integrity, and insightful approach to leadership in business, education, and community service. Ohio State is proud to honor this most distinguished alumnus.

George W. Baughman **Doctor of Engineering**

Rarely does one man so profoundly influence the industry or profession that he serves as has George W. Baughman. Throughout a career spanning nearly half a century, Baughman applied new technologies to one of this nation's vital transportation links—the railway system. His applications have been adopted around the world.

As an engineer in the 1920's for the Union Switch and Signal Division of the Westinghouse Air Brake Company, Baughman was faced with the challenges of automating the system that railroads used to safely control rail traffic and developing remote control systems for the operation of switches and signals. In response to these challenges, he developed the concept of "centralized traffic control" that provided enhanced rail safety, increased capacity, more economical operations, and vastly improved train systems management. These benefits played an important role in the ability of the nation's railroads to meet the increased demands placed upon them during World War II. It is a tribute to Baughman's skill and foresight that his techniques and systems, although updated with new technology, remain fundamentally the same today as when he developed them several decades ago. He is the holder of more than 100 patents.

Baughman received a bachelor of electrical engineering degree from Ohio State in 1920, followed in 1924 by the professional degree of electrical engineer. After a brief stint at Bell Telephone Laboratories, he joined Union Switch and Signal. He later became vice president and was assistant to the president when he retired in 1967. He has consulted widely, both here and abroad. Baughman has been honored for his work by being named a fellow of the American Institute of Electrical and Electronics Engineers, the British Institute of Railway Signal Engineers, and by election to the honoraries Tau Beta Pi, Eta Kappa Nu, and Sigma Xi. He is a recipient of the Elmer A. Sperry Award for distinguished engineering contributions that significantly advanced transportation and received the Benjamin G. Lamme Medal from Ohio State's College of Engineering for his achievements. Baughman has been active in professional associations, as well as civic and community affairs.

Ohio State is proud to honor this creative and influential alumnus for his decades of achievement.

Recipients of Honors

David Riesman Doctor of Social and Behavioral Sciences

Colleagues describe sociologist and educator David Riesman as a major force in American sociology and one of the major intellectual leaders in the United States in the past several decades. His writings and teachings have influenced a generation of students across the nation's campuses.

Riesman earned both the A.B. degree and the L.L.B. from Harvard University in 1931 and 1934 respectively. He then served as a law clerk for Justice Louis Brandeis of the United States Supreme Court from 1935 to 1936. After several years of practicing and teaching law, he joined the social sciences faculty at the University of Chicago. In 1958, Riesman became the Henry Ford II Professor of Social Sciences at Harvard—a position he still holds.

Riesman's scholarly contributions have been most profound in two areas: post-war American society and the nation's higher education system. His books, *The Lonely Crowd* and *Faces in the Crowd*, were insightful analyses of post-war America, showing how changing occupations and societal characteristics led to alienation, feelings of powerlessness, and loss of personal identity among Americans in the last half of the 20th century.

His studies of academia have provided insight to the ways in which the growth of the research university has affected the values and behavior of American higher education in general. Riesman has also addressed the characteristics of community colleges, women's colleges, black colleges, and religious affiliated schools.

Riesman has been a member of the Carnegie Commission for Study of Higher Education from 1967 to 1973 and the Institute for Advanced Study at Princeton University from 1971 to 1972. He also was a fellow at the Center for Advanced Study in the Behavioral Sciences at Stanford from 1968 to 1969.

For his scholarship and contributions to American thought, David Riesman has received honorary degrees from a number of institutions. Ohio State is pleased to offer its own recognition to this distinguished scholar.

D. Ransom Whitney Distinguished Service Award

D. Ransom Whitney has devoted more than 35 years to the students of Ohio State and the academic discipline of statistics. After earning a bachelor's degree from Oberlin College, a master's from Princeton University, and a Ph.D. from Ohio State, Whitney joined the faculty of Ohio State as an assistant professor of mathematics in 1948. He retired as professor emeritus in 1982. In the intervening years, he had a profound influence on mathematics and statistics education at this University.

In 1948, he founded the Statistics Laboratory to provide a source of statistical experience for students and faculty, as well as to offer consulting experience for statistics graduate students. The laboratory has become a local and statewide resource for the business community, and it has been emulated by many other universities. Whitney was also the primary force behind the planning and construction of a new mathematics building. Finally, he led the move to form a separate academic unit for the teaching of statistics, resulting in the creation of a Department of Statistics in 1970. He then served as its chairperson for nine years. While on the faculty, Whitney published three textbooks and numerous articles, advised hundreds of graduate students, and consulted with many faculty members on their research. He also served one term as president of the Faculty Club.

Whitney is a fellow of the American Statistical Association and the American Association for the Advancement of Science and holds memberships in several other professional organizations. Since retirement, he has continued to consult actively, both with business clients and in the Statistics Laboratory. He also accepted the presidency of the recently formed Ohio State University Retirees' Association.

For his dedication to the University, its people, and his profession, Ohio State is honored to present its Distinguished Service Award to D. Ransom Whitney.

The Graduate School

Dean: Roy A. Koenigsnecht

Doctor of Musical Arts

Elizabeth Anna Barany-Schiauch, Fairview Park; B.Mus. (Baldwin-Wallace College); M.Mus. (The University of Michigan); *Music*; Dr. Richard Tetley-Kardos

Doctor of Philosophy

Mohamed Abdalla Abdelrhman, Cairo, Egypt; B.Sc., M.Sc. (Cairo University); *Civil Engineering*; Dr. Keith W. Bedford

Fusun Semih Akdag, Istanbul, Turkey; B.A. (Macepete University); M.A. (Bogazici University); *Education*; Dr. Suzanne K. Damarin

Yosif Nasser Aldirym, Riyadh, Riyadh, Saudi Arabia; B.S. (Riyadh University); M.S.; *Entomology*; Dr. Gordon R. Stairs

James Vincent Allen, Upper Arlington; B.S. (Otterbein College); M.A.; *Education*; Dr. Frank J. Zidonis

Steven Robert Alm, Jamestown, NY; B.S., M.S. (State University of New York College of Environmental Science); *Entomology*; Dr. Franklin R. Hall

Omar A. Almoftada, Riyadh, Saudi Arabia; B.A. (King Saud University); M.A. (Michigan State University); *Psychology*; Dr. Fred L. Damarin

Abdulaziz A. Alshabary, Hafar, Albatn, Saudi Arabia; B.A. (University of Imam); M.A. (University of Bridgeport); *Education*; Dr. Elsie J. Alberty

Carman Iris Aponte, Ithaca, NY; B.A., M.S.W. (University of Puerto Rico); *Social Work*; Dr. Keith M. Kitty

Robert Lee Barcus, Mingo Junction; B.A. (The College of Steubenville); *Chemistry*; Dr. Matthew S. Platz

Andrew James Birtle, Port Jefferson, NY; B.A. (Saint Lawrence University); M.A.; *History*; Dr. Alan R. Millett

Shiau-Shong Bior, Tao-Yuan, Taiwan, R.O.C.; B.S. (Chung-Cheng Institute of Technology); M.S. (Tsinghua University); *Electrical Engineering*; Dr. Hsiung Hsu

Helen Frances Brown, Spring Lake, MI; B.Mus., M.Mus. (The University of Michigan); *Music*; Dr. David M. Butler

Roger Keith Brown, Wooster; B.S., B.A. (Miami University); *Physics*; Dr. James C. Garland

Fredrick Ray Burton, Columbus; B.S.Ed.; M.A.; *Education*; Dr. Charlotte S. Huck

Eric Clark Butts, Columbus; B.S., M.S.; *Mathematics*; Dr. James M. Greenberg

Huo-Tsan Phil Chang, Columbus; B.Ed. (National Taiwan Normal University); M.S. (University of Wisconsin-Stout); *Education*; Dr. James E. Sage

Ko-Min Chang, Taipei, Taiwan, R.O.C.; B.S.E.E. (National Chiao-Tung University); M.S.; *Electrical Engineering*; Dr. Marlin O. Thurston

Shobha Gopinath Char, Mysore, Karnataka, India; B.Sc., M.Sc. (University of Mysore); *Mathematics*; Dr. Dan Burghelca

Li-Pin Bill Cheng, Taiwan, Hsintien, R.O.C.; Bachelor (Tsing Hua University); *Physics*; Dr. L. Carlton Brown

Timothy Keane Christman, Columbus; B.S.Met.E., M.S.; *Metallurgical Engineering*; Dr. Bryan E. Wilde

Joon Wha Chung, Seoul, Korea; B.S. (Korea Military Academy); M.S.Q.S. (University of Dallas); *Business Administration*; Dr. H. Randolph Bobbitt

Pong Chung Chung, Taiwan, R.O.C.; B.S. (National Tsing-Hua University); M.S.; *Chemical Engineering*; Dr. Robert S. Brodkey

Tae-Sang Chung, Seoul, Korea; B.S. (Seoul National University); M.S.; *Electrical Engineering*; Dr. Charles A. Klein

Catherine Ann Curtis, Huntington, WV; B.A. (Marshall University); M.A.; *English*; Dr. Edward P. Corbett

Michael Woods Davis, Prospect, PA; B.S.M.E., M.S.M.E. (West Virginia University); *Engineering Mechanics*; Dr. Sunder H. Advani, Dr. Carl H. Popelar

Penney Davis, Newark; B.S.Ed., M.Ed. (Xavier University); *Education*; Dr. John O. Cooper

Gale Sanders Dickerson, Kosciusko, MS; B.S., M.S. (University of Southern Mississippi); *Home Economics*; Dr. Joan E. Gritzmacher

Lyndel Dwayne Dickerson, Cincinnati; B.S. (Andrews University); *Chemistry*; Dr. Daryle H. Busch

Verlynda Smithson Dobbs, Beavercreek; B.A. (State University of New York at Buffalo); M.S. (Wright State University); *Computer and Information Science*; Dr. Sandra A. Mamrak

Sharon Rae Dorsey, Dublin; B.S. (Bowling Green State University); M.A.; *Education*; Dr. Donald R. Bateman

Mohammed Osman Abdalla El Sheikh, Khartoum, Sudan Republic; B.S., M.S. (University of Khartoum); *Pharmacy*; Dr. Jack L. Beal

Deborah Diane Fleming, Bloomingdale; B.A., B.S., M.A.; *English*; Dr. Morris Beja

Paulette Spurill Fleming, Greensboro, NC; B.A. (Hampton Institute); M.F.A. (Brandeis University); *Art Education*; Dr. Arthur D. Eiland

Afinio Flores, Guanajuato, Gto, Mexico; B.S., M.S. (Universidad Nacional Autonoma); *Education*; Dr. Richard J. Shumway

Shella Marie Foor, Shelbyville, IL; B.A., M.A. (Eastern Illinois University); *English*; Dr. Arnold Shapiro

John Nicholas Freskos, Chagrin Falls; B.S. (Miami University); M.S.; *Chemistry*; Dr. John S. Swenton

Casey Kin-Chee Fung, Columbus; B.S., M.S. (Ohio University); M.S.; *Computer and Information Science*; Dr. Stuart H. Zweben

Cheri L. Gedcker, Cleveland, B.A. (Allegheny College); M.A.; *Psychology*; Dr. Dorothy W. Jackson

Bruce L. George, Buffalo, NY; B.S. (Cornell University); M.S. (Midwestern State University); M.S.; *Electrical Engineering*; Dr. Richard M. Campbell

Robert Bruce Gillespie, Columbus; B.S. (Richard Stockton State College); M.S. (University of Akron); *Zoology*; Dr. Roy O. Stein

Jerry Lee Goodman, Newark; B.Mus. (Capital University); M.Mus. (Bowling Green State University); *Music*; Dr. A. Peter Costanza

Joe Wright Green, Jr., Rockville, IN; B.S. (Purdue University); M.S.; *Agricultural Education*; Dr. Larry E. Miller

Puhua Guan, Huhehot, P.R.C.; *Mathematics*; Dr. Hans J. Zassenhaus

Sharon Ruth Guthrie, Ventura, CA; B.A. (University of California, Los Angeles); B.A., M.A. (California State University, Northridge); M.A. (California State University, Long Beach); *Health, Physical Education and Recreation*; Dr. Barbara A. Nelson

Gary Edward Hollinden, Dayton; B.S., M.S.; *Physiology*; Dr. Bradford T. Stokes

DeAnne S. Horstmeier, Worthington; B.S. (Brigham Young University); M.A.; *Interdisciplinary: Family Relations and Human Development/Speech and Hearing Sciences/Education*; Dr. Edward J. Hardick, Dr. Patricia A. Connard

Ing-Feng Hu, Columbus; B.A. (Tsing Hua University); M.S. (Taiwan University); *Chemistry*; Dr. Theodore Kuwana

William Dingleline Hueston, Harrisonburg, VA; B.A. (University of Virginia); D.V.M., M.S.; *Veterinary Preventive Medicine*; Dr. Lawrence E. Heider

Lee Meryl Huffman, La Rue, B.A., M.S.; *Food Science and Nutrition*;
Dr. Thorva Kristoffersen

William Reed Huss, Baltimore, MD; B.A.
(Gettysburg College); M.A., M.S.; *Industrial and Systems Engineering*;
Dr. Gordon M. Clark

Nongnuch Inpanbutr, Lampang, Bangkok, Thailand; B.Sc., D.V.M. (Chulalongkorn University); M.S. (Iowa State University); *Veterinary Anatomy*;
Dr. Bettina G. Anderson

Mark Walter Jackwood, Smithville; B.S., M.S. (University of Delaware); *Poultry Science*;
Dr. Yehia M. Saif

K. I. Jacobi, Trivandrum, Kerala, India; B.Sc. (University of Kerala, India); M.Tech. (Indian Institute of Technology, Madras, India); *Engineering Mechanics*;
Dr. Arthur W. Leissa

Deng-Yang Jan, Hsin-Chu, Taiwan, R.O.C.; B.S. (National Cheng-Kung University); M.S. (National Tsing-Hua University); *Chemistry*;
Dr. Sheldon G. Shore

Hung-Syng Jing, Kaohsiung, Taiwan, R.O.C.; B.S.C.E. (National Central University); M.S. (National Taiwan University); *Engineering Mechanics*;
Dr. Vernal H. Kenner

Trida Suzanne Jones, Jefferson City, MO; B.A. (University of Wisconsin-Oshkosh); M.S. (Purdue University); *Communication*;
Dr. Joseph J. Pilotta

Louis Barth Justement, Columbus; B.A. (Miami University); M.S., *Microbiology*;
Dr. Bruce S. Zwilling

Mary Jane Kaniuka, Washington, DC; B.S. (Russell Sage College); M.S. (Iowa State University); *Home Economics*;
Dr. Anne R. Coveney

Dorothy Birge Keller, North Manchester, IN; B.A. (Oberlin College); M.A. (The University of Michigan); M.S.W., M.A.; *Social Work*;
Dr. Keith M. Kilty

John William Kerns, Columbus; B.A. (California State University, Fullerton); *Physics*;
Dr. William D. Ploughe

Peter Devon Larsen, Worthington; Associateship in Applied Physics, B.S. (Western Australian Institute of Technology); B.S.Ed. (Western Australian College of Advanced Education); M.Ed. (The University of Western Australia); *Education*;
Dr. Alan R. Osborne

Edward Daniel Lathy, Lithopolis; B.S. (Saint Louis University); M.A. (Washington University); *Education*;
Dr. Donald R. Bateman

Magda Maria Lauwers-Rech, Tonawanda, NY; Licentiaat in Filosofie and Letters (University of Louvain, Belgium); M.A.; *German*;
Dr. Henry J. Schmidt

Shoei-sheng Lee, Chia-Yi, Taiwan, R.O.C.; B.S., M.Sc. (National Taiwan University); *Pharmacy*;
Dr. Raymond W. Daskotch

Kuan-Shaur Lei, Taipei, Taiwan, R.O.C.; B.S. (National Tsing-Hua University); M.S. (Virginia Polytechnic Institute and State University); *Metallurgical Engineering*;
Dr. Bryan E. Wilde

Sun James Lin, Taichung, Taiwan, R.O.C.; B.S. (Tamkang College); M.S.E.E. (The University of Nebraska-Lincoln); *Electrical Engineering*;
Dr. Benedikt A. Munk

Brian McAllister Linn, Columbus; B.A. (University of Hawaii); M.A.; *History*;
Dr. Alan R. Millett

Wennie Lim Lloyd, Marengo; B.S. (University of the Philippines); M.S.; *Horticulture*;
Dr. Wilbur A. Gould

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David Jordan Moonay, Williamsville, NY; B.A. (Hamilton College); *Chemical Engineering*

Melody Lynne Munson-McGee, Granville, B.S. (University of Delaware); *Chemical Engineering*

Donald Ray Myer, Norwich, B.S. (Muskingum College); *Chemistry*

Juan Carlos Nava Paz, Maracaibo, Zulia, Venezuela; B.S. (Universidad del Zulia); *Metallurgical Engineering*

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Laura Florence Pettine, Medina, NY; B.S. (State University of New York at Fredonia); *Genetics*

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Ruth Marie Revere, Miamisburg, B.S.N. (Miami University); *Nursing*

Kelly Raymond Riedel, Geneva, B.A. (Ohio Northern University); *Computer and Information Science*

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Mark Vincent Runyon, Akron; B.S. (University of Akron); *Civil Engineering*

David Vincent Ryplen, Canton, B.S. (Walsh College); *Welding Engineering*

Patrick Marvin Schleifweller, Seattle, WA; B.S. (University of Washington); *Metallurgical Engineering*

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Mary McCormick Skuvarfil, Columbus; B.S.M.T. (Creighton University); *Allied Medical Professions*

Kathy Smoler Smith, San Diego, CA; B.A.; *Industrial and Systems Engineering*

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Carol Jean Stevens, Columbus; B.S. (Northern Kentucky University); *Microbiology*

Michael Philip Stovsky, Cleveland; B.S.C.I.S.; *Computer and Information Science*

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Michael Frank Theeck, Carleton, MI; B.S.I.S.E.; *Industrial and Systems Engineering*

Kathrynn Sue Thompson, Delaware; B.S.N. (Kent State University); *Nursing*

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Janet Danison Tischer, Zanesville; B.S. (Muskingum College); *Computer and Information Science*

Albert John Toth, Jr., Youngstown; B.S. (Wayne State University); *Allied Medical Professions*

John Tedrick Toth, Worthington; B.A. (Miami University); *Bio-Medical Engineering*

Jerming Tseng, Taipei, Taiwan, R.O.C.; B.S. (Fu-Jen Catholic University); *Microbiology*

Phillip Kenneth Wadsworth, Loughborough, Leics, England; B.Tech (Loughborough University); *Welding Engineering*

Shin-Ru Wang, Taipei, Taiwan, R.O.C.; B.S. (The National Taiwan University); *Agricultural Economics and Rural Sociology*

Zhiqiang Wang, Zhejiang, P.R.C.; B.S. (Zhejiang University); *Physics*

Gene Joseph White, Seven Hills; B.S.W.E.; *Welding Engineering*

Kirk Louis Wirth, Middleburg Heights; B.S.M.E.; *Mechanical Engineering*

Ching-Li Jimmy Wong, Yunggho, Taiwan, R.O.C.; B.S.I.E. (Chung-yuan Christian University); *Industrial and Systems Engineering*

Tsu-Mei Wu Wong, Yunggho, Taiwan, R.O.C.; B.S.I.E. (Chung-yuan Christian University); *Industrial and Systems Engineering*

Wei-Ming Wu, Columbus; B.S. (National Central University); *Civil Engineering*

Yang Xu, Columbus; B.S. (Fudan University); *Mathematics*

Wei-Ning Yang, Taipei, Taiwan, R.O.C.; B.S.I.E. (Tsing-Hua University); *Industrial and Systems Engineering*

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Helen B. Zuelzer, Columbus; B.S.N. (D'Youville College); *Nursing*

Anthony F. Zwilling, Columbus; B.S.E.E.; *Electrical Engineering*

Master of Social Work

Clara Marie Figerelli, Prospect; B.S.Soc.Wel.; *Social Work*

Larry Walton Myers, Arlington, VA; B.A.; *Social Work*

Mary Lee Stocks, Marietta; B.A. (Marietta College); *Social Work*

Sallee E. Westerman, Columbus; B.A. (Indiana University); M.A.; *Social Work*

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College of Biological Sciences
College of Humanities
College of Mathematical and Physical Sciences
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M. Patrice Lampe, Worthington
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Sarah Ellen Wilson, Worthington

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Eileen Rose Freedman, Columbus
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Bachelor of Music Education²

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Bachelor of Science in Audio Recording

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College of Biological Sciences

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Bachelor of Arts

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Bachelor of Science

Gregory Paul Brennan, Columbus
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Heather Louise Maxwell, Toledo
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Susan Doris Read, West Chester
Richard Arthur Rhoades, Orient
Douglas R. Shuster, Alliance
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College of Humanities

Dean: G. Micheal Riley

Bachelor of Arts

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Yvette Barnes, Lorain
Samuel Broidy, Columbus
Karen Sue Cammett, Cincinnati
Bonnie Jacyn Character, Cleveland
Kerry Brice Dawson, Newark
Katherine Leola Fogle, Cincinnati
Amanda Miriam Frantz, Cincinnati
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Kenneth Robert Jones, Columbus
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College of Mathematical and Physical Sciences

Acting Dean: John O. Riedl, Jr.

Bachelor of Arts

Rebecca A. Beaton, Columbus
Jeffrey Hale Laws, Worthington
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Lorraine A. O'Brien, Oberlin
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Bachelor of Science

Lisa Michelle Anderson, Cincinnati
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College of Social and Behavioral Sciences

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 Kathleen Frances Coleman, Wilmington, DE
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 Gail Marie Corvalan, Columbus
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 Joel Marc King, Cincinnati
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 Suzanne Laughlin, Columbus
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Bachelor of Science

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 Joseph John Kujaski, Brooklyn Heights
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School of Journalism

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 Tracy Lynn Burnside, Whitehall
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 Gwyn Annette Eichenauer, Celina
 Daniel Joseph Eifert, Worthington
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 Rachel Ann Hayes, Tallahassee, FL
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 Yvonne Lattimore, Cincinnati
 Karen Lynn Liepack, Whitehall
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 Susan R. Marquart, Columbus
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 Sheila Ann Rieser, Columbus
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 Patricia Julia Sargeant, New York, NY
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 Angela Mae Smith, Worthington
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 Jeffrey Arthur Sobul, University Heights
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 Patrick Joseph Tiberi, Columbus
 Anne Catherine Veselenak, Parma
 Linda Carol Webb, Columbus
 Ricky Lee Woodruff, Columbus

Lawrence Joseph Boes, Findlay
 Philip Allen Bogner, North Ridgeville
 Khiong Sin Bong, Kuching, Saraw, Malaysia
 Alison Jean Booth, Dayton
 Michael Eugene Bowen, Columbiana
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 William Harry Brandes, Jr., Columbus
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 Stephen Dale Fowler, Columbus
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 David Wayne Gallanis, Columbus
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 Elaine Louise Giet, Stow
 Bonnie Hubbard Giles, Cincinnati
 David Madison Gitson, Shaker Heights
 John Boyd Glinn III, Warren
 Cindy Joy Goldberg, Shaker Heights
 Patricia Ann Grannan, Newark
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 David Lee Grieshop, Celina
 Eric James Griffin, Beipre
 Jill Therese Gronbach, Gahanna
 David Brian Gross, Pepper Pike
 Robert Hajjar, Marion
 David Bartel Hapke, Columbus
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 Yvette Lucille Harris, East Orange, NJ
 Diana Kay Hartshorn, Newark
 Diane Sue Harty, Marion
 Dean Howard Hartzel, Columbus
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 Catherine Joan Haskell, Columbus
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 Craig Alfred Hecht, Sandusky
 Dorothy Ann Held, Columbus
 Dennis James Herring, Columbus
 Lynda Diane Herring, Columbus
 Shawn Michael Hiller, Lima
 Todd Allen Hixson, Norwich
 Edward Lee Hom, Fairview Park
 Choy Wan Hooi, Melaka, Malaysia
 Thomas Edwin Hoover, Jr., Columbus
 Tamara Suzanne Hope, Columbus
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 Evan Boyd Jackson, Cleveland
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 Susan Marie Kallman, Wadsworth
 Julie Lynn Kendall, Hudson
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 Carol Lynn Keslar, Lima
 John Francis Kirchner III, Columbus
 Cody Richard Kleiner, Conway, SC
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 James Lovell Koerner, Edgerton
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 Thomas Paul Lawell, North Ridgeville
 Chun Yee Lee, Selangor, Malaysia
 Rick Martin Lehman, Dayton
 Sandra Jean Li, Grove City
 Chun Yow Lim, Rengit, Johor, Malaysia

College of Administrative Science

Dean: H. Justin Davidson

Bachelor of Science in Business Administration

Mouawad Youssef Aboujaoude, Jeddah, Lebanon
 Paul McGivary Ackerman, Columbus
 Rick H. Acree, Cincinnati
 Timothy Harold Adams, Columbus
 Michael Francis Allaire, Columbus
 Cynthia Allen, Worthington
 Douglas Eugene Allen, Prospect
 James N. Altieri III, Canfield
 Mahmudul Ameen, Dhaka, Bangladesh
 Carl Anthony Auletta, Mayfield Heights
 Laura Kay Aulino, Akron
 Bruce Scott Ault, Cleveland
 Paul Joseph Baccellieri III, Uniontown
 Roger Ball, Ashtabula
 Douglas Eldon Bame, Carey
 Thomas William Barkley, Akron
 Steven Bolner Barnett, University Heights
 Mark A. Barnhart, Warren
 Dorothy Marie Barth, Columbus
 Brent Allan Bartolome, Lorain
 Robert Alan Bechtol, Deltona, FL
 Thomas Brian Beckett, Port Huron, MI
 Cynthia Renée Belcher, Canton
 Jeffrey Alan Bellar, Columbus
 Jay Douglas Benedict, Findlay
 Michael David Berlin, Mahwah, NJ
 John Michael Beshara, Westerville
 Mary Saladin Betsch, Midland, MI
 Suzanne Renne Bianchi, Columbus
 Robert John Bisesi, Ashland
 Brenda Lynn Blair, Circleville

Rebecca Anne Lines, Columbus
 Vicki Lynn Link, Columbus
 Jonathan Edward Lowd, Shaker Heights
 Kelly Lynn Maginnis, Bellevue
 Clancy J. Malone, Gahanna
 Tracy Thuc Maloney, Columbus
 James Michael Martin, Ashland
 Julius Edmund Masudal, K. Kinabalu, Sabah, Malaysia
 Faye Marie Matthews, West Liberty
 Diana Lynn McCance, Columbus
 Donald Cowan McCourt, Chagrin Falls
 Douglas Clay McDonald, Heath
 Marvin Sanders McEntie, Jr., Columbus
 Blake Stephen McGory, Huron
 Russell Wade McKee, Columbus
 Jill Anne McLaughlin, Columbus
 Kenneth Philip McRoy, Lima
 John Patrick McShane, Dayton
 Keith Arnold Midkiff, Mt. Vernon
 Margaret Kimberly Miles, College Park, GA
 Robben Chris Miljus, Dublin
 Nancy Beattie Milleman, Granville
 Scott Lewis Moore, Columbus
 Melanie Sue Morar, Warren
 Robert Stuart Morris, Columbus
 John David Morrow, Jackson
 Laurie Ellen Murdick, Columbus
 Mark Christopher Music, Portland, OR
 David Scott Musselman, Orient
 Karl Dunsmore Myer, Columbus
 Julie Ann Navratti, Columbus
 Maria K. Nickerson, Bellaire
 Richard Nonelle, Jr., Centerville
 Maureen Barry O'Brien, Kettering
 Elizabeth Jean O'Connell, Toledo
 John Michael O'Connor, Upper Arlington
 Carroll Dean Olson, Columbus
 Jonathan Edward Ott, Columbus
 Julia Kay Otto, Centerville
 Judith Karen Paxton, Parma Heights
 Ronald Charles Perian II, Farmington Hills, MI
 David Harry Petrosilos, Yellow Springs
 Kevin Ray Pitts, Lima
 Lorenzo Platania, Mansfield
 Tamara Lynn Poff, Westerville
 Timothy Joel Pozzani, Cadiz
 Babak K. Pourmoghadam, Tehran, Iran
 Joyce Linn Predmore, Marysville
 Mary Lee Radebaugh, Gahanna
 Dwight A. Radel, Marion
 Thomas John Ramsay, Cincinnati
 Paul Benson Ransom, Columbus
 Mitchell Paul Reconn, Williamsville, NY
 Brian Christopher Reid, Columbus
 Scott Brian Reid, Hebron
 John Wyatt Ricketts, Centerville
 Jayne Lee Rouda, Upper Arlington
 Christopher Robert Russ, Wauseon
 Grant Charles Russel, Rocky River
 Anny H. Rutten, Columbus
 Kristen Gayle Ryuse, Mt. Vernon
 Ronald Byron Saba, Trumbull, CT
 Christopher A. Salvaggio, Middleburg Heights
 James Alan Sands, Newark
 Donn Russell Schafer, Marietta
 Jeanne Ellen Schechter, LaJolla, CA
 Theresa Marie Schmidt, Celina
 Kevin Louis Schneider, Columbus

Michael Douglas Scott, Chillicothe
 Kim Lucas Seagquist, Powell
 Elio Renato Seni, Dover
 John Richard Shalvoy, Columbus
 Richard O. Sjostedt, Ontario
 Tina Renée Smith, Grove City
 John Phillips Sperry, Dayton
 Gary Joseph Springer, Columbus
 Marty Bret Staats, Germantown
 Ronald Alan Stahl, Wooster
 Michael Allen Stahr, Columbus
 Richard John Stainbrook, Worthington
 Richard Maurice Stammem, New Bremen
 Michael Wayne Steinmetz, Willard
 Keith Wesley Stephens, Beavercreek
 Beth Ann Stillwell, Buffalo
 Alan Paul St. Jean, Mt. Vernon
 James Russell Stubbs, Troy
 James Vernon Taggart, Lima
 Mary Jo Tarini, Columbus
 David Knapp Tata, Mansfield
 Maneeporn Teeratananon, Bangkok, Thailand
 Julie Teoh, Penang, Malaysia
 David Melvin Thomas, Jr., Dayton
 Scott Richard Thompson, Cuyahoga Falls
 Kathryn Ann Thurman, Columbus
 Jono Tjongirin, Medan, North Sumatra
 Varily Tran, Dublin
 Rebecca Crane Treneff, Columbus
 Wayne Joseph Trier, Cincinnati
 De Cao Trinh, Columbus
 William Andre Ullman, Cincinnati
 Kenneth M. Valentine, Dayton
 Anthony Louis Valentino, Reynoldsburg
 Mary Elizabeth Vance, Columbus
 James Hartman Van Riper, Blue Ash
 Gary L. Vawter, Medina
 Joanne M. Visocan, Columbus
 Chris Vlahos, Amherst
 James Darrell Vogel, Columbus
 Charles T. Vos, Columbus
 Marlene Elizabeth Wagner, Cincinnati
 Dale Andrew Weir, Jefferson
 Richard Eric Wendt, Columbus
 Terry Elson Whaley, Jr., Lancaster
 Jeanne Marie Whitmore, Lancaster
 Thomas Charles Widney, Columbus
 Brad Lee Williams, Columbus
 Eric Alan Williams, Columbus
 Kim Davenport Williams, Mendham, NJ
 Todd Spencer Wilson, Columbus
 Gail Ann Wing, Middleburg Heights
 David Matthew Wintering, Fairview Park
 John Adam Wiseman, Wheeling, WV
 Stephanie Dudley Wolf, Columbus
 Dolly Elaine Woods, Nashport
 Beverly Sue Zartman, Mansfield

Bachelor of Science in Labor and Human Resources

Heidi Laura Westover, Massillon

College of Agriculture

Dean: Max Lennon

Bachelor of Science in Agriculture

Solomon Babatunde Aiyeru, Igbordia, Nigeria
 Charles William Anderson, Maumee
 Timothy Scott Atkinson, Columbus
 Amadou Lamine Ba, Theis, Senegal
 Pamela Jean Baer, Columbus
 William Adam Bakan, Hinckley
 Mark Adam Barber, Westfield, NY
 Brian Loyal Bichsel, New Philadelphia
 Roberta Jean Blauser, Newark
 Julie Ann Blake, Columbus
 Sally Grace Bluck, Orient
 David Cary Boeck, Jamestown
 Eric Martin Boyer, Columbus
 Elise Ann Breikinger, Lexington
 Jerry Scott Brubaker, Burgoon
 Leslie Ann Bush, Gahanna
 Timothy Samuel Clark, Bedfordshire, England
 Alice Louise Cleveland, Columbus
 Elizabeth Mary Coverdale, Columbus
 Evangeline Ayagogo Dan-Jumbo, Bonny, Nigeria
 Wesley George Davey, Gahanna
 Carol Lorraine Dilts, Cincinnati
 Cindy Louise Dinkler, Clarksburg
 Melissa Suzanne Fenner, Houston
 Jeffrey Charles Fisher, Stryker
 Philip John French, Loveland
 Randall Scott Gaeth, Columbus
 Gregory Michael Goedde, Lima
 Jeffrey Richard Good, Napoleon
 David Alan Harsh, Radnor
 Douglas Lee Hasting, New Carlisle
 Robert Maurice Hearons, Perrysburg
 Owen Jay Hostetler, Columbus
 Debra Diann Huelskamp, Troy
 Jeffrey Lowell Hunker, Fostoria
 Irene Kristoff Hurley, Columbus
 Gregg Cyrus Isler, Windham
 Kelly Lynn Kellogg, Hammondsville
 Kenneth Ray Krebs, Kent
 Price John Kruse, Columbus
 Jon Scott Laing, Granville
 Todd William Lambert, Circleville
 Elizabeth Matheny Lents, Columbus
 Rodney Allen Limes, Bowling Green
 Kenneth Roy Madden, Eaton
 David Myles McDevitt, North Lima
 Mark Wayne Metcalf, Newark
 Steven Patrick Miller, Monroeville
 Suzanne Britt Miller, Tallmadge
 David Logan Myers, South Charleston
 Amy Lynn Newman, Seaman
 James Edward Pitt, Newark
 Dennis Alan Pringle, Big Prairie
 Michael Edward Ritchie, Wapakoneta
 Ricky Duane Rudd, New Lexington
 Roy Stephen Rudolph, Cincinnati
 Dean Rush, Orient
 Mark Thomas Sanborn, Vernon, CT
 Douglas Alan Schonauer, Coshocton
 Philip Howard Scott, Columbus
 David Lauren Sherman, Columbus
 Brian Ellis Shriver, Newark

Kurt Anthony Simon, Monroeville
 Robin Edith Smith, Bellevue
 Mark Lee Sommerfeld, Columbus
 John Alden Spooner, Reynoldsburg
 Timothy Robert Timmons, Chagrin Falls
 Teresa Lynn Tuuri, Dayton
 Mark Brian Warner, Tipp City
 Steven Arthur Wehl, Bowling Green
 Nina Nannette Willett, Oak Harbor
 Grant Ford Williams, Worthington
 Tina Marie Wilson-Webb, London

Bachelor of Science in Food Science

Machelle Marie Caldwell, Columbus
 Kerry Lynn Chapman, Gahanna
 Earl Wayne Opperman, Worthington
 Cathleen Renée Roesch, Westerville

Bachelor of Science in Food Technology

Jonathan Lee Cohen, Shaker Heights
 Scott Brian Duffey, Gahanna
 Edward Frank Rigelsky, Jr., Berlin Center
 Eric R. Shinsato, Cincinnati

School of Natural Resources

Bachelor of Science in Natural Resources

Cheryl Ann Bala, Seven Hills
 Katherine Ann Burton, Columbus
 Anthony Joseph Clapp, Powell
 Gregory Scott Curry, Columbus
 Christine Matthews Dardaine, Trinidad
 Steven John Davis, Kenton
 Timothy Lloyd Devine, Worthington
 Karen Louise Dolinski, Dayton
 Mark Kevin Dzurenko, Columbiana
 Stephanie Bede Fasko, Lakewood
 Julie Beth Gee, Conneaut
 David Brian Hadden, Loveland
 John Roger Hageman, Jr., Northwood
 Anita Jean Hess, Coldwater
 Birdella Kane, Lancaster
 Craig Daniel Kauffman, West Liberty
 Robert John Miltner, Painesville
 Mark Andrew Patterson, Painesville
 Ronda Gayle Schweiger, Cincinnati
 Craig Robert Seeds, Columbus
 Mary Ann Sellers, Dayton
 Lisa Jaye Sherman, Marlboro, NJ
 Lori Lee Sommer, Kettering
 Brian Lawrence Wolf, Broadview Heights
 Matthew David Young, Columbus

Agricultural Technical Institute— Wooster

Associate in Applied Science

Lisa Jean Basford, Wooster

Mark William Berninghausen, Fredericksburg
 Raymond Keith Eggert, Strongsville
 Charles W. Haubiel II, Baltimore
 Jack D. Hopkins, Jr., Diamond
 Randall Lee Hutchison, Zanesville
 Mark Allen Lee, Edison
 William Joseph Merdich, Leetonia
 Harry Robert Meyer, Amherst
 William Charles Mihalega, Olmsted Falls
 Garrick Mishaga, Jr., South Euclid
 William Henry Rindler, Fairfield
 Bret Wayne Robertson, Genieva
 Rebecca Sue Romick, Burbank
 Michael Scott Sand, Mansfield
 Richard Allen Schmitz, Ottawa
 Lisa Anne Wickline, Marysville
 Paul Joseph Zarfengo, Canton

College of Dentistry

Dean: William R. Wallace

Certificate of Graduate Dental Hygienist

Deborah Ann Rawls, Cleveland

College of Education

Dean: Donald P. Anderson

Bachelor of Science in Education

Tijiani Bappaye Abdulkadir, Bauchi, Nigeria
 Baba A. Ali, Bauchi, Nigeria
 Larry Dean Altenburger, Ottoville
 Christy Lynn Anderson, Columbus
 Kimberly Lynn Armstrong, Columbus
 Elaine Sue Baker, Newark
 Lori Kay Bazzell, Bellbrook
 Cathy Lynn Beatty, Cincinnati
 Kathryn Dianne Beckel, Waldo
 Lori Raberding Billing, Botkins
 Brian Carson Black, Heath
 Robert Alan Bletz, Mansfield
 Karen Lynn Bouchy, Cincinnati
 George William Bowser, Grove City
 Bryan Paul Brown, Port Clinton
 Betty Shaw Brunsman, Columbus
 Jeffrey Alan Bryant, Pataskala
 B. Neal Cantrell, Columbus
 Pamela Ann Carleton, Columbus
 Rodney Dean Clady, Bucyrus
 Gina Lee Clark, Columbus
 David W. Clinger, Worthington
 Julia Marie Cochran, Napoleon
 John Edward Cooper, Jr., Lexington
 Mark John Costantino, Euclid
 Lisa Coleen Cunningham, Mansfield
 Molly Patrick Dalgarn, Pataskala
 Kirsten Rae Davis, Columbus
 Kelley Renee Edwards, Lima
 Tamara Sue Edwards, Columbus
 Gary E. Englehart, Zanesville
 John Theodore Eramo, Columbus
 Patricia Blomeier Estes, Columbus
 Carole Susan Fischer, Kettering
 Marilyn Frances Gabel, Westerville
 Melissa Ann Hackett, Columbus
 Randy R. Hageman, Delphos
 James Anthony Harter, Delaware
 Cathy Lynn Hensei, Marion
 Sandra Eichhorn Hilt, Bellbrook
 Jeffery Allen Hogle, Carroll
 Rebecca Ann Howard, Columbus
 Robin C. Hullinger, Lima
 Trent Victor Iachini, Steubenville
 Abubakar Gumau Ibrahim, Bauchi, Nigeria
 Judith Spahr Ignasiak, Granville
 John Taylor Janning, Jr., Columbus
 Munkaila Bala Jibrin, Bauchi, Nigeria
 Anne Trayte Johnson, Columbus
 Terri Ann Kherr, Worthington
 Teresa Lynn Kocher, Lima
 Litsa S. Koziris, Columbus
 John E. Kuhn, Jr., Tiffin
 Shawn Anne Lange, Kenton
 Victoria Lynn Lechiana, Akron
 Mark Allen Leeman, Alliance
 Jeffery Eugene Lentz, Columbus
 Lee Ann Little, Middletown
 Brenda Lynn Longbrake, Gomer
 John Maynard Loomis, Columbus
 Nancy Ellen Ludwig, Columbus
 Teresa Marie Matoy, Columbus
 Wendy Marie Maran, Columbus
 Glenn Edward Marquard, Orient
 Linda Charlene Mercer, Pickerington
 Margaret Jean Mickley, Howard
 Linda Kay Miller, Washington Court House
 Lora Mowery Miller, Columbus
 Yohanna Lano Mshel, Bauchi, Nigeria
 Lucy Marie Mitchell, Newark
 Pamela Dale Morgan, Worthington
 Marcia Leone Muciek, Martel
 Edward John O'Reilly, Boardman
 Deneice Lynn Osborne, Mansfield
 Sally Beer Parilla, Mansfield
 Joseph Anthony Pezzano, Hilliard
 Diane Marie Preston, Parma
 Marilyn Ann Putnam, Bluffton
 Teresa Jane Pye, Canton
 Edward Scott Reed, Medina
 Cindy Lynn Rooney, Worthington
 David Thomas Ryan, Westerville
 Marsha Sue Siewert, Findlay
 Melissa Gaye Sigrist, Columbus
 Douglas Batrone Smith, Decatur, GA
 Laura Ann Smith, Lima
 Tracy Ann Smith, Amsterdam
 Julianna Speer, Dublin
 Angela Lee Straub, Westerville
 Susan Denise Struble, Forked River, NJ
 John Patrick Sullivan, Chicago, IL
 Scott P. Sundry, Worthington
 Gregory Thomas Thuman, Columbus
 Andrew W. Titus, Columbus
 Nancie N. Turkal, Columbus
 Rhonda Turner, Nashport
 Wendy Jo Turoff, Mayfield Heights
 Marilyn Tzagournis, Boardman
 Joni Lee Underwood, Marysville
 R. Archie Walker, Columbus
 Lori Suzanne Wallington, Mansfield

Laura Marcussen Wasson, Polk
Ellen Ann White, Newark
Brian Keith Wiggins, Columbus
Mark Anthony Wlicheck, Mansfield
Redmond Lewis Wood, Spencerville
Sharon Kay Workman, Granville
Ibrahim Jere Yamma, Bauchi, Nigeria
Donna Jean Yanez, Columbus

**Bachelor of Art Education and
Bachelor of Music Education
degrees are offered jointly by the
College of the Arts and the
College of Education.
Candidates are listed under the
College of the Arts.**

College of Engineering

Dean: Donald D. Glowor

Bachelor of Science In Aeronautical and Astronautical Engineering

Carl Brent Best, Ashtabula
John Edward DeWeese, Cincinnati
Jeffrey Alaric Dilgren, Chardon
Kevin John Kelly, Lima
Dana Scott Metz, St. Marys
Jill Ellen Moody, North Olmsted
Michael Edward Stringer, Mt. Clemens, MI

Bachelor of Science In Agricultural Engineering

Richard R. Anderson, Friendship
Mitchell David Kennedy, Thornville
Youssef Ayoub Mouzaya, Cleveland
Jon Christian Utz, New Washington

Bachelor of Science In Aviation

Andrew James Baumann, Columbus
Keith Neal Burrell, Cleveland Heights
Steven Ray Force, Greenville

Bachelor of Science In Ceramic Engineering

Benjamin Jacob Bowden, Newark
Richard William Goettler, Fairlawn

Bachelor of Science In Chemical Engineering

Lisa Gail Adams, Wheelersburg
Debra Ann Boey, Westlake
Leslie Ann Burkhart, Cincinnati
Eric David Culp, Groveport
M. Rita Gaynes, Oak Lawn, IL
Christina Louise Hall, Chardon
Adel Krichene, Sfax, Tunisia
George W. Stutzmann, Cincinnati
Virginia Stock Wheeler, Columbus

Civil Engineer

Rehan Usmani, Pakistan

Bachelor of Science In Civil Engineering

Abdul Halid Abdul Latif, Malaysia
M. Hisham T. Alsado, Rakka, Syria
Lotfi Braham, Tebouba, Tunisia
Frederick Jay Bulger, Englewood
David Lutz Burchinal, Westerville
Mark Stephen Byram, Centerville
Poobalan Chidambaram, Port-Dickson, Malaysia
Dianne Lynnette DeBuse, Hudson
Rafaa Ahmed El-Bakkoush, Beida, Libya
Wassef E. El-Mir, Tripoli, Lebanon
Safaa Mounir El-Oraby, Mansfield
Rudolph Pio Frizzi, Bridgewater, NJ
Paul August Hammersmith, Bellevue
Susan Kay Horchner, Reed City, MI
John Troy Huff, Lucasville
Mohamed Faouzi Labidi, Tozeur, Tunisia
Sun Hin Lau, Sasaran, Selangor, Malaysia
Mun Wei Lim, Segamat, Johor, Malaysia
Jesus Ignacio Morillo Pablos,
Valencia, Venezuela
Hisham Mohamad Nasser, Beirut, Lebanon
William Allen Newton III, Johnstown
Cheong Ann Ng, K. Trengganu, Malaysia
Mark John Price, Murhall, PA
Samir S. Ralfouzi, Sao Paulo, Brazil
John Eric Roslovic, Bexley
Mohammad Kamal Saffour, Columbus
Michael Daniel Shaw, Pittsburgh, PA
William Daniel Siwinski, Northfield
Michele Eileen Smith, Columbus
Stephen Joseph Tiefert, Dayton
Todd David Willis, Tronton

Bachelor of Science In Computer and Information Science

Mark Douglas Baker, Heath
Mark Wesley Basham, Tippecanoe
John Michael Bendig, Columbus
Tammy Yvonne Book, West Portsmouth
Mark Andrew Braunlin, Dayton
Andrew Jerome Cafaro, Jr., Girard
Susan Jean Carpenter, North Royalton
Louis Steven Chestney, Wantagh, NY
Jon Anthony Colvin, Cincinnati
Scott Brady Compton, Delaware
Robert Ernest Daugherty, Broadview Heights
Paul Bradford DeCessa, Perrysburg
Debra Ann Dickey, Manitou Springs, CO
Joseph Allan Dodd, Westerville
Tanvich Ektantiphong, Bangkok, Thailand
Timothy Allen Gerwin, Mansfield
Mitchell Graham Hall, Columbus
Tarjo Sutikno Harsono, Semarang, Indonesia
Farshad Khounani, Tehran, Iran
Gregory James Kowaleski, Lexington
Eric A. Kungl, Wadsworth
James Howard LeRoy, Rocky River
Curtis Robert McKelvey, Wadsworth
Phillip Carl Nease, Westerville
Francis B. Northrup V., Columbus

Basilio Perez, La Paz, Bolivia
Lawrence Alan Pevoar, Findlay
Chompoonut Phongmekin, Bangkok, Thailand
Cynthia Warnke Poehlmann, Columbus
Georgia Lynn Pritchett, Burton
Douglas Edward Purdy, Vermilion
James William Redpath, Willard
Charles G. Rush, Westerville
Jeanne Salay, Cincinnati
Cheryl Soo Shell, Pickerington
Prakash S. Thumboli, Columbus
Benjamin H. Warren III, Westerville
Howard Steven Wetzler, Columbus
Mark Ronald Wietelmann, Marysville
Joanna Lynn Wukie, Grafton

Electrical Engineer

John L. Lauletta, Grove City
Jose O. Mejia, Charleston

Bachelor of Science In Electrical Engineering

Ghassan Zayed Bailut, Jerusalem, Palestine
Mark Allen Bennett, Westerville
Jeffery Allen Brown, Akron
Philip Duanne Thomas Caskey, Cuyahoga Falls
Samuel E. Dillon, Woodsfield
Kip Donald Dotson, Anchorage, AK
Thomas Louis Georges, South Euclid
Brian Michael Gerber, Mansfield
Assaf Y. Ghanous, Beirut, Lebanon
Gerald Allen Golba, East Liverpool
Robert Stephen Gronski, Cleveland
Timothy T. Gruenhagen, Columbus
Imen Guediche, Sousse, Tunisia
Robert J. Hadick, Centerville
Samer Hafi, Damascus, Syria
Kiu Chul Hwang, Columbus
Michael Anthony Irving, Brooklyn, NY
Jay Thomas Johnson, Dayton
Kimberly Ann-Napua Kama, Huber Heights
Christopher Lee Keeton, Baltimore
James David Matheke, Columbus
Jorge Rafael Maymir, Cincinnati
David Joseph Miller, Delphos
Douglas Bryant Perry, Cincinnati
Daniel Joseph Recker, Glandorf
Thomas Michael Rigg, Dayton
Ruth Ellen Rosa, Wakeman
Amer M. Khaled Samman, Tripoli, Lebanon
Francis Gregory Synhor, Toledo
Thomas James Tait, Columbus
Joel Draper Trivette, Akron
George Francis Wildeman, Ashtabula
Wilbur A. Williams, Jr., Toledo

Bachelor of Science In Engineering Physics

Eric Robert Rousculp, Columbus

Bachelor of Science In Industrial and Systems Engineering

Jeffrey Brian Cook, Caledonia
Sidney C. Deloatch III, Cincinnati

Susan Marie Hanhiammi, Columbus
 Alejandro Kocourek, San Isidro, Argentina
 David Arthur Lange, Sandusky
 Richard Allen Palmer, Cleveland
 Christine Marie Sholtis, Elyria
 William Joseph Swails, West Lafayette
 Jeffrey Paul Wergin, Reynoldsburg

Bachelor of Science in Mechanical Engineering

Paul Ivan Basile, Akron
 Jamelelil Belwafa, Tunis, Tunisia
 Kathleen Craig, Wilmington, DE
 David Alan Dukes, Worthington
 Timothy Matthew Earhart, Lower Burrell, PA
 William Michael Franklin, Miamisburg
 Patrick Charles Gibson, Cleveland
 Mark McDowell Grant, Columbus
 Kenneth Wilson Jacques, Rocky River
 Steven Duane Keech, Bryan
 Lip Khoon Lim, Penang, Malaysia
 Robert Alan Little, Kettering
 Richard Michael Mescher, Long Beach, CA
 Mark Joseph Miller, Cleveland
 Matthew Thomas Mooney, New Lexington
 Satoshi Nagai, Gahanna
 Philip John Novak, Parma
 Daniel G. Pearce, Westerville
 Steven John Pucci, North Canton
 Ronald James Rich, Euclid
 Stephen J. Schottelkotte, Cincinnati
 John Richard Shaw, Kirtland
 Benjamin Leaf Smith, Columbus
 Ronald Thomas Spangler, Columbus
 Bon-Siau Tan, Malaysia
 David Craig Yeack, Whitehouse
 Gregory Allen Yut, Canton

Bachelor of Science in Metallurgical Engineering

Natalie Jewel Ford, Columbus
 Mark Sislowski, Lorain

Bachelor of Science in Mining Engineering

Joseph Gerard Noonan, Delphos
 Franklin Leroy Phillips, Caststown
 Scott David Schockling, Groveport
 Paul Lawrence Syljebeck, Upper Arlington

Bachelor of Science in Surveying

Gregory Jon Drown, Fremont
 Ralph Eugene Hilligas, Cadiz
 Christiaan Y. Scheeres, Hamilton

Bachelor of Science in Welding Engineering

Christopher C. Conrardy, Hillsboro
 Yao-Join Kao, Republic of China
 Warren Allen Peterson, Las Vegas, NV

Mark Dean Pezzutti, Pickerington
 Nancy Carol Porter, Columbus
 Douglas Phillip Rhoda, Mason
 Robert Jay Shortland, Westerville
 Thomas Tracy Steele, Toronto

School of Architecture

Bachelor of Science in Architecture

Paul Michael Cianelli, Columbus
 Ibrahim Khalil Maslamani, Jordan
 Louis John Pallay, Bexley
 Mark John Tanney, Vandalia

Bachelor of Science in Landscape Architecture

Pamela Sue Custer, Worthington
 Philip Gilbert Enderle, Findlay
 Stephen William Plummer, Cincinnati
 Steven Andrew Targove, Columbus

College of Home Economics

Dean: Lena Bailey

Bachelor of Science in Home Economics

Mollie Jennifer Bell, Columbus
 Yolanda Elizabeth Betton, Dayton
 Amy Elizabeth Buchanan, Olmsted Falls
 Laurie Irene Canuso, Columbus
 Jane Frances Coleman, Shelby
 Petrina Ann Congemi, Youngstown
 Tammy Marie Cooper, Shelby
 Amy Jo Cunningham, Uniontown
 Nancy Louise Earl, Columbus
 Elizabeth Jeanne Fithen, North Canton
 Anne Elizabeth Gallutia, Reynoldsburg
 Amy Lynn Graff, Cincinnati
 Jennifer Lynn Hoffer, Tiffin
 Tracy Lynne Judd, Circleville
 Paula Jean Korpi, Columbus
 Lisa Ann Krizman, Chesterland
 Melissa Sue Lloyd, Gallipolis
 Erin Kathleen McEvoy, Zanesville
 Susan Lynne McGrath, Worthington
 Ken Jean McInerney, Columbus
 Suzanne McKinstry, Bay Village
 Amy Kathleen McLoughlin, Chandersville
 Lucinda Gail Merrill, North Olmsted
 Vickie Lynn Miller, Uniontown
 Patricia Lini Mitchell, Fredericktown
 Eric Brian Morris, North Canton
 Erica Jo Mott, Proctorville
 Elizabeth Ann Noble, Columbus
 Jean Page Osterbrock, Cincinnati
 Tracy Lynn Payne, Cincinnati
 Jennifer Lynn Richardson, Dayton
 Deirdre Ann Ruhl, Worthington
 Michele Renee Shafer, Cuyahoga Falls

Stephanie Lynn Skinner, Thornville
 Robin Lee Sowers, Solon
 Renee Anne Stevanus, Sugar Creek
 Robin Lynne Stinebring, Wooster
 Suzanne Louise Tekanic, Euclid
 Elizabeth Mary Thoma, Columbus
 LeeAnn Welch, Wauseon
 Margot Cavell Wilcox, Columbus
 Penny Lee Youkiss, Cincinnati

Bachelor of Science in Food Technology

Leslie Dean Sepp, Westlake Village, CA

Bachelor of Science in Restaurant Management

Samuel George Abdallah, Berea
 Joseph Carl Boggs, Cincinnati
 Molly Kay Ewing, Columbus
 David Edward Geise, Delphos
 Harley Joel Miller, University Heights
 Christopher Frederick Morton, Portsmouth
 Christine Margaret Tobin, Yardley, PA

College of Law

Dean: Francis X. Beytagh

Juris Doctor

Sarah Hubard Beauchamp, Westerville
 B.A.
 Van Blanchard II, Columbus
 B.S.Bus.Adm.
 Laurel Israel Chapman, Worthington
 B.S. (Miami University)
 James Francois Greene III, Dayton
 B.A. (Wright State University)
 Lynn Marie Nolan, Worthington
 B.S. (Newcomb College, Tulane University)
 George Zane Pappas, Warren
 B.S.Bus.Adm.
 Douglas Lee Pesko, Warren
 B.B.A. (Ohio University)
 Robin Adele Spencer, Dublin
 B.S.H.E.

College of Medicine

Dean: Manuel Tzagournis, M.D.

Doctor of Medicine

Gerald Michael Daiuto, Solon
 B.S. (Akron University)
 Clifford Douglas Eng, Bayside, NY;
 B.S.E. (The Cooper Union)

Mitchell Scott King, Medina
B.A. (Miami University)
Judith Richardson Lubbers, Washington, IL
B.S. (Iowa State University)
M.S.
Daryl Ray Sander, Greenville
B.A. (Miami University)

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Mary Terese Ackermann, Cincinnati
Emily Sue Albrecht, Loveland
Gail Lynn Beckel, Marion
Susan Birmingham, Cleveland Heights
Margaret Katherine Bolin, Columbus
Mary Ann Botte, Columbus
Julie Meister Buxton, Maineville
Molly Katherine Calahan, Gahanna
Lynn Susan Cameron, Columbus
Rebecca Ann Chambers, Columbus
Ricki Ley Collins, Columbus
Margaret Mary Conway, Fairfax, VA
Karen Ann Coridan, Cincinnati
Cathy Sophia Darrah, Canton
Kathleen Marie Davoran, Cincinnati
Susan Kathleen Dix, Dayton
Marjorie Druash, Monessen, PA
Pamela Jill Eckart, Copley
Margaret Elaine Eichert, Cincinnati
Mary Patricia Fasick, Springfield
Amy Elane Foote, Worthington
Gina Lynn Gable, Ottawa
Tracy Jean Gaboury, Beavercreek
Constance Sue Gardner-Glenn, Columbus
Julie Marie Herbert, Fairborn
Julie A. Hurtubise, Columbus
Michelle Marie Jones, Wichita, KS
Tara Joan Kattus, Cincinnati
LaVern Marie Kelly, Salem
David Wayne Krugh, Reynoldsburg
Susan Kay Uebrecht, Continental
Michelle Marie Lucas, Steubenville
Jane Elizabeth Lunny, Gahanna
Elizabeth Ann Marburger, Burke, VA
Lisa Ann Marie, Bethel Park, PA
Robin Gwen Mendenhall, Loveland
Joann Marie Michel, Sandusky
Judith Ellen Miles, Chatham
Michelle Anne Miller, Ottoville
Barbara Elizabeth Milliken, Steubenville
Kelly Marie Noll, Zanesville
Aphrodite Plataniotis, Springfield
Janis Marie Price, Columbus
Jaya Gottumukkala Raju, Athens
Roberta Lynn Ring, Hudson
Laura Mirre Rudolph, Rocky River
Lorrie Celeste Sals, Cincinnati
Elizabeth Parker Sang, Novelty
Suzanne Elizabeth Schuster, North Canton
Julie Anne Scofield, London
Tamera Ruth Sherlin, Canton

Sheryl Ann Slater, Westerville
Jeffrey Michael Sneddon, Blaine
Sarah Steiner, Smithville
Melinda Clause Stoltz, Westerville
Robin Leann Strohm, Windham
Julann Swartz, Marion
Jane Ann Tomlan, Neffs
Annette Toth, Wadsworth
Juliana Marie Tufano, Columbus
Michele Lynn Vermillion, Columbus
Laura Ann Waible, Perrysburg
Julia Darlene Willoughby, Columbus
Lisa Ann Young, Cincinnati

Certificate of Post Baccalaureate Medical Technologist

Rita Ann Irwin, Waterford
B.S. (Ohio University)
Carleen Mary Rice, Dayton
B.S.
Mazen Ahmad Wahdi, Damascus, Syria
B.S. (Damascus University, Syria)

College of Nursing

Acting Dean: Grayce M. Sils

Bachelor of Science in Nursing

Cheryl Lynn Christ-Libertin, New Castle, PA
Julie Ann Harper, West Palm Beach, FL
Susan K. Heine, Columbus
Lamara Irene Love, Columbus
Barbara Lynn Neumann, Rocky River
Mary Alice Piel, Glen Ellyn, IL
Michele Aline Schwartz, Dayton
Patricia Ann VonVille, Columbus

College of Pharmacy

Dean: Albert H. Soloway

Bachelor of Science in Pharmacy

Deidre Jo Brown, Bucyrus
John G. Dirina, Hamilton
Anthony Lynn Flowers, Marion
Anita Renée Holden, Mansfield
Lawrence Howard Howell, Cleveland
Diana Lynn Painter, Columbus
Daniel M. Ronci, Struthers

College of Social Work

Dean: Richard E. Boettcher

Bachelor of Science in Social Welfare

Michele Yvonne Aber, Newark

Graduates with Honors

Criteria for graduation with honors are as follows:

With Distinction requires successful completion of a Senior Honors Thesis, oral examination, and graduation in the top 25% of the class.

With Honors in the Liberal Arts requires successful completion of the Arts and Sciences Honors Contract and graduation in the top 25% of the class.

Cum Laude designates those graduating in the top 10% of the class (top 6% in the Colleges of the Arts and Sciences).

Summa Cum Laude designates those graduating in the top 3% of the class (top 1.5% in the Colleges of the Arts and Sciences).

With Distinction in Forest Resource Management

Karen Louise Dolinski

With Distinction in Medical Technology

David Wayne Krugh

Cum Laude

John Michael Bendig
Lori Raberding Billing
George William Bowser
Arun Chawla
Julia Marie Cochran
Timothy Lloyd Devine
Stanley Eugene Duke, Jr.
Susan Diane Eleyet
Amy Elane Foote
Julie Beth Gee
Richard William Goettler
Robert Stephen Gronski

Barbara A. Hainon
Mary Ann Hauck
Scott Douglas Knill
Lee Ann Little
Kristine Kay MacGillivray
Lisa Ann Marie
Susan R. Marquart
Jill Anne McLaughlin
Garrick Mishaga, Jr.
Pamela Ann Monroe
Marcia Leone Muciek
David Scott Muselman
Julie Ann Navratil
Lawrence Alan Pevoar
Tamara Lynn Poff
Joyce Linn Predmore
Marilyn Ann Putnam
Teresa Jane Pye
Cathleen Renée Roesch
Anny H. Rutten
Christine Marie Sholtis
Howard Steven Wetzler

Cum Laude with Distinction in Dance

Lorrie Noel Dirkse

Cum Laude with Honors in Liberal Arts

Kenneth Robert Jones

Summa Cum Laude

Richard B. Anderson
Kathryn Dianne Beckel
Andrew Carl Corbin
Carol Sue Dyer
Pamela Jill Eckart
Julie Marie Herbert
Judith Spahr Ignasiak
Kenneth Willson Jacques
Mark Allen Leeman
Elizabeth Matheny Lents
Nancy Beattie Milleman
Cindy Lynn Rooney
Ruth Ellen Rosa

**Summa Cum Laude with Distinction in
Forest Resource Management**

Cheryl Ann Bala

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND TWO HUNDRED AND SEVENTEENTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, February 6 and 7, 1986

The Board of Trustees met at its regular monthly meeting on Thursday, February 6, and Friday, February 7, 1986, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

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Minutes of the last meeting were approved.

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February 6 and 7, 1986 meeting, Board of Trustees

The Chairman, Mr. Havens, called the meeting of the Board of Trustees to order on February 6, 1986, at 6:35 p.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: John F. Havens, Chairman, Leonard J. Immke, Shirley D. Bowser, Hamilton J. Teaford, and Deborah E. Casto.

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Mr. Havens reconvened the meeting on February 7, 1986, at 10:15 a.m.

Present: John F. Havens, Chairman, Leonard J. Immke, Shirley D. Bowser, Hamilton J. Teaford, John J. Barone, and Deborah E. Casto.

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Mr. Havens called upon Professor Jan Adams, Director of International Studies.

Dr. Jan Adams: President Jennings, Mr. Chairman, members of the Board, it is a great honor and pleasure for me to introduce to you our outstanding scholar-athlete, Mike Lanese, who has just been awarded a Rhodes Scholarship for study at Oxford University for the next two years. Mike has, certainly in abundance, the qualities for which Rhodes scholars are selected--academic and athletic excellence and outstanding qualities of character and leadership. While earning a double major in English and Political Science, he has maintained a grade point average of 3.76. I know that you have all admired and appreciated his prowess and courage on the football field. These achievements have brought him numerous national awards including the Toyota Leader of the Year Award, which brings our University \$10,000 for our general scholarship fund.

I don't want to detract in any way from the celebration here today of Mike's accomplishments. But I think it is fitting to take this occasion to acknowledge the efforts of a number of our faculty, staff and friends of OSU who have been working very hard in recent years to try to inform our talented students like Mike, not only about the opportunities available to them as Rhodes Scholars, but also as Marshall Scholars, which, as you know, offers similar opportunities. Each year, thirty Marshall Scholars are chosen in the United States for two years of study at a British university. The OSU Rhodes/Marshall Faculty Committee came into being in the late 1970's to provide a mock interview for a Rhodes candidate. Today this committee has twenty faculty members. In recent years, the group has worked very hard to try to identify potential student candidates for both of these awards and then to assist these students in the painstaking process--and believe me it is

February 6 and 7, 1986 meeting, Board of Trustees

Dr. Jan Adams (contd):

painstaking and time-consuming for the students--of making these applications and preparing the students for interviews.

Just five years ago, John Mount, then Dean of University College, and his alumni advisor, Jack Eby, a Senior Vice President of the Ford Company, funded a luncheon for thirty outstanding freshmen and sophomores to tell them about Rhodes and Marshall Scholarships. I remember that Jack Eby gave a very impressive talk about the importance of these scholarships from the point of view of a business executive. Later, Mr. Eby established an endowment--the John Mount Fund--to make sure that these luncheons and other recruitment efforts could continue. President Jennings has personally hosted these lunches and our speakers have included Governor Celeste, who was, as you know, a Rhodes Scholar from Yale University.

Five years ago, our half-time advisor who provides information and assistance to students interested in applying for the Rhodes, Marshall and other international scholarships, was given a full time appointment. With her help, students could be directed to individual faculty members of the Rhodes/Marshall Committee for personal advice with their plans and preparations. All of this has proved fruitful.

For the past five years, each year an average of ten OSU students have made formal applications for Rhodes and Marshall Scholarships. For the past five years, each year at least one of our students has been invited for interviews by the Rhodes or Marshall Selection Committees. Since 1982, in addition to Mike Lanese's signal honor, two OSU students received Marshall Scholarships for study at Cambridge University. Dean Allemang, our first Marshall Scholar, has now returned to OSU and is pursuing his doctorate here working in the field of artificial intelligence. Our second Marshall Scholar, Gerard Williger, is currently spending his first year at Cambridge studying astronomy.

But Mike, this is your day, and I am sure the Board members are more interested in hearing from you than from me. I just want to say, Mike, that this is a proud moment for all of us and that we are deeply grateful to you for the honor that you have brought our University.

EXPRESSION OF APPRECIATION TO MIKE LANESE

Resolution No. 86-67

WHEREAS Mike Lanese has been recognized for his outstanding academic achievements, including being named to the Academic All-American and Academic All Big-Ten squads, and, most recently having been awarded a Rhodes Scholarship; and

February 6 and 7, 1986 meeting, Board of Trustees

EXPRESSION OF APPRECIATION TO MIKE LANESE (contd)

WHEREAS his accomplishments as a student have earned him the respect and recognition of the University community; and

WHEREAS he has excelled in his overall activities as a student-athlete; and

WHEREAS he has received many awards for his athletic achievements, such as being named an Academic All-American Wide Receiver for two years; and

WHEREAS he has distinguished himself as both a student and member of the football team; and

WHEREAS as a result of his many accomplishments on and off the playing field he has set an exemplary record of achievement for others to emulate and has honored the University in his pursuits:

NOW THEREFORE

BE IT RESOLVED, That this Board expresses its sincere appreciation and congratulations to Mike Lanese for his service to the University community and his singular achievements in both scholarship and athletics, and wishes him continued success in his future pursuits.

Upon motion of Mr. Teaford, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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DISCONTINUANCE OF DEGREE

Resolution No. 86-68

Synopsis: Discontinuance of the Joint Dental Hygiene/Arts and Sciences baccalaureate degree program and the Joint Dental Hygiene/Education baccalaureate degree program is proposed.

WHEREAS the tagged Bachelor of Science degree in Dental Hygiene was approved by the Council on Academic Affairs, the University Senate and the Board of Trustees in 1981, provided adequate financial support is provided; and

WHEREAS financial support has recently been provided by the College of Dentistry; and

WHEREAS in the initial review of the proposed Bachelor of Science degree in Dental Hygiene, the Ohio Board of Regents objected to a third option for a major in Dental Hygiene; and

February 6 and 7, 1986 meeting, Board of Trustees

DISCONTINUANCE OF DEGREE (contd)

WHEREAS the Colleges of the Arts and Sciences and the College of Education have agreed to discontinue their joint programs with Dental Hygiene with the implementation of the Bachelor of Science degree in Dental Hygiene; and

WHEREAS students presently pursuing Dental Hygiene certification through one of the joint programs may continue under the current system; and

WHEREAS dual degree options will be established for students wishing to pursue the Bachelor of Science degree in Dental Hygiene and a baccalaureate degree in the Colleges of the Arts and Sciences or the College of Education:

NOW THEREFORE

BE IT RESOLVED, That the University Senate approved the discontinuance of the joint Dental Hygiene/Arts and Sciences baccalaureate degree program and the joint Dental Hygiene/Education baccalaureate degree program, and respectfully request concurrence by the Board of Trustees.

Upon motion of Mr. Teafor, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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NAME CHANGE--GRADUATE-PROFESSIONAL COUNCIL

Resolution No. 86-69

Synopsis: Name change throughout the Rules of the University Faculty from Graduate-Professional Council to the Inter-Professional Council is proposed.

WHEREAS the Graduate-Professional Council has formally changed its name to the Inter-Professional Council; and

WHEREAS the Rules Committee of the University Senate adopted this name change at its January 7, 1986 meeting; and

WHEREAS the Rules of the University Faculty frequently refer to that organization by name:

NOW THEREFORE

BE IT RESOLVED, That the Rules Committee of the University Senate requests that the Secretary of the Board of Trustees be authorized to effect the name change throughout the Rules of the University Faculty as well as any other official University publications and documents in which such change would be appropriate.

February 6 and 7, 1986 meeting, Board of Trustees

NAME CHANGE--GRADUATE-PROFESSIONAL COUNCIL (contd)

Upon motion of Mr. Immke, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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HONORARY DEGREE

Resolution No. 86-70

Synopsis: Approval is requested for awarding an honorary degree.

WHEREAS pursuant to paragraph (C) of rule 3335-3-03 of the Administrative Code, the President, after consultation with the Steering Committee of the University Senate, recommended to the Board of Trustees awarding of an honorary degree as listed below:

Wayne Woodrow Hayes

Doctor of Humanities

NOW THEREFORE

BE IT RESOLVED, That the above honorary degree be awarded in accordance with the recommendation at a time convenient to the University and the recipient.

Upon motion of Mr. Immke, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 86-71

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the December 6, 1985 meeting of the Board, including the following Changes in Title, Appointments, Appointment of Chairpersons of Departments, Reappointment of Chairpersons of Divisions and Director of Center, Leaves of Absence Without Salary, Leave of Absence Without Salary--Continuation, Professional Improvement Leave--Cancellation, Emeritus Titles, and Emeritus Title--Change in Department as detailed in the University Budget be approved, and the Medical Staff Appointments/Reappointment approved January 30, 1986, by the Hospitals Board be ratified.

PERSONNEL ACTIONS (contd)

Changes in Title

Name: FREDERICK E. HUTCHINSON
Title: Acting Vice President and Dean
Office/College: Agricultural Administration/Agriculture
Effective: February 7, 1986
Salary: \$87,500.00
Present Position: Director, OARDC

Name: WILLIAM J. COLLINS
Title: Associate Dean
Office: Graduate School
Effective: February 1, 1986
Salary: \$61,560.00
Present Position: Professor, Department of Entomology

Name: PAUL D. ISAAC
Title: Associate Dean
Office: Graduate School
Effective: January 15, 1986
Salary: \$56,280.00
Present Position: Acting Associate Dean, Graduate School and Associate Professor, Department of Psychology

Name: ALBERT J. KUHN
Title: Acting Director
Office: University Honors Program/Academic Affairs
Effective: December 1, 1985
Salary: \$55,484.00
Present Position: Professor, Department of English

Appointments

Name: ASTRID E. MERGET
Title: Associate Dean and Director Professor
College/School: Administrative Science/Public Administration
Effective: July 1, 1986
Salary: \$78,000.00
Present Position: Professor, Department of Public Administration, The George Washington University, Washington, DC

February 6 and 7, 1986 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: SHELDON R. SIMON
Title: Director and Professor (Judson D. Wilson Professorship in Orthopedic Surgery)
Department/Division: Surgery/Orthopedic
Effective: March 1, 1986
Salary: \$45,000.00
Present Position: Associate Professor of Orthopedic Surgery, Harvard Medical School, Boston, MA

Appointment of Chairpersons of Departments

January 1, 1986 through September 30, 1986

Life Span Process Carol L. Kennedy*

March 1, 1986 through June 30, 1990

Agronomy Frederick P. Miller

July 1, 1986 through June 30, 1990

Landscape Architecture Douglas S. Way

Reappointment of Chairpersons of Divisions and Director of Center

January 1, 1986 through September 30, 1986

Melton Center for Jewish Studies Marc L. Raphael

*Acting Chairperson

July 1, 1986 through June 30, 1990

ATI - Agricultural Business Mark E. Headings
ATI - Animal Industries Ronald J. Borton
ATI - Horticulture Industries Gary A. Anderson

Leaves of Absence Without Salary

MARLENE B. LONGENECKER, Director and Associate Professor, Center for Women's Studies and Department of English, effective February 1, 1986 through December 31, 1986, to accept an appointment in the Governor's Office.

February 6 and 7, 1986 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

LINDA M. MITCHELL, Associate Professor, School of Health, Physical Education and Recreation, effective Winter Quarter 1986, for personal reasons.

NANCY J. BRADEN, Assistant Professor, Department of Pediatrics, effective January 1, 1986 through February 28, 1986, for personal reasons.

ANTTI J. NIEMI, Assistant Professor, Department of Physics, effective Winter Quarter and Spring Quarter 1986, to accept an appointment at the University of California at Berkeley.

BARBARA C. KOLLMORGEN, Instructor, Cooperative Extension Service, effective November 26, 1985 through January 5, 1986, for medical reasons.

DORA N. OTTELIN, Instructor, Department of Family and Community, effective January 27, 1986 through March 9, 1986, for personal reasons.

Leave of Absence Without Salary--Continuation

BARBARA C. KOLLMORGEN, Instructor, Cooperative Extension Service, effective January 6, 1986 through February 2, 1986, for medical reasons.

Professional Improvement Leave--Cancellation

EDWARD C. NABER, Professor, Department of Poultry Science, effective January 1, 1986 through June 30, 1986.

Emeritus Titles

GEORGE L. HAHN, Office of Health Services Administration, with the title Assistant Vice President Emeritus, effective March 1, 1986.

WENDELL W. ELLENWOOD, Division of Student Affairs - Ohio Unions, with the title Director Emeritus, effective February 1, 1986.

WILLIAM E. HALL, School of Journalism, with the title Professor Emeritus, effective January 1, 1986.

MYRON R. PORTER, College of Dentistry - Prosthodontics, with the title Professor Emeritus, effective January 1, 1986.

February 6 and 7, 1986 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Title--Change in Department

ROY W. RINGS, Cooperative Extension Service, with the title Professor Emeritus, change to Department of Entomology, with the title Professor Emeritus, effective January 1, 1986.

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

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EXPRESSION OF APPRECIATION TO

A. MAX LENNON

Resolution No. 86-72

WHEREAS Max Lennon has provided exemplary service to the University as its Vice President for Agricultural Administration and Dean of the College of Agriculture; and

WHEREAS Max Lennon has honored the University by serving in many capacities since 1983 and, as such, has brought national and international recognition to the University, its faculty and students; and

WHEREAS under his leadership the University's Agricultural programs have been strengthened and a sense of excellence in such programs has been reinforced; and

WHEREAS the University community has benefitted from his tenure in Columbus:

NOW THEREFORE

BE IT RESOLVED, That as he departs the University to assume new responsibilities as President of Clemson University, the Board desires to express its wish that Dr. Lennon and his family continue to enjoy good health, happiness and much success.

Upon motion of Mrs. Bowser, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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RESOLUTIONS IN MEMORIAM

Resolution No. 86-73

Synopsis: Resolutions honoring the service of six of the University's faculty members who have recently died are being proposed.

RESOLUTIONS IN MEMORIAM (contd)

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Harry G. Binau, Jr.

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 3, 1985, of Harry G. Binau, Jr., Associate Professor Emeritus in the Department of Photography and Cinema.

Harry G. Binau, Jr., was born on March 30, 1913, in Columbus, Ohio, and attended Columbus Public Schools, graduating from North High School in 1931. He received his B.S. degree from The Ohio State University in 1936. His long association with the Department of Photography and Cinema began when he accepted a Graduate Assistantship in the Department while pursuing graduate work. Mr. Binau spent three years as head of the Photographic Service Department at The Ohio Agriculture Experimental Station in Wooster, Ohio. From 1944 to 1946, he served as a photographer in the Army with the Supreme Headquarters Allied Expeditionary Forces in Europe.

Mr. Binau was a strong force in the department for many years. His area of interest in photography was, and remained throughout his career, the scientific and technical aspects of photography. He developed a course for science majors and taught such specialized courses as micro-photography, high speed photography and infrared photography. Professor Binau was blessed with a good sense of humor and a sincere enthusiasm for his work with students. Upon his retirement in 1979, he was named Associate Professor Emeritus.

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

George T. Harding, III

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 22, 1985, of George T. Harding, III, M.D., Clinical Professor Emeritus in the Department of Psychiatry.

RESOLUTIONS IN MEMORIAM (contd)

George T. Harding, III (contd)

After graduating from the Medical College of Loma Linda, Dr. Harding became associated with the College of Medicine at The Ohio State University in July 1928. In 1929, he was appointed Assistant Professor and assigned to the Neuropsychiatry Clinic at the State Street Dispensary. During this period, Dr. Harding joined Dr. William A. Prichard at the Columbus State Hospital to gain additional experience and training in psychiatry.

After assuming the position of Medical Director of Harding Hospital in 1934, Dr. Harding continued to conduct teaching clinics at the State Street Dispensary and Columbus State Hospital while also lecturing at the College of Medicine. From 1948 to 1951, Dr. Harding served as President of Loma Linda University and as Chairman of the Department of Nervous and Mental Diseases. On returning to Columbus, Ohio, Dr. Harding again became active in the training of residents and students at Upham Hall as well as at Harding Hospital. In 1968, Dr. Harding was appointed Clinical Professor Emeritus in the Department of Psychiatry and a member of the Honorary Staff of The Ohio State University Hospitals.

On behalf of The Ohio State University, the Board of Trustees expresses to the family of Dr. George T. Harding, III, its deepest sympathy and condolence. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy of the resolution be tendered to the family as an expression of its appreciation of Dr. Harding's many services to the College of Medicine and his contributions to the excellence of its teaching programs.

Carl A. Lamey

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 24, 1985, of Carl A. Lamey, Professor Emeritus in the Department of Geology and Mineralogy.

Dr. Lamey was born October 28, 1892, in St. Louis, Missouri. He attended high school in Springfield, Illinois, and graduated in 1906. Following work as a grocery clerk, a stenographer, and a department manager of an insurance company, Dr. Lamey served in the U.S. Army from 1917 to 1919 and was discharged with the rank of Second Lieutenant. He then entered the Michigan College of Mines, from which he graduated with the B.S. and E.M. degrees in 1925. He received the M.S. and Ph.D. degrees in Geology from Northwestern University in 1927 and 1933, respectively.

February 6 and 7, 1986 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Carl A. Lamey (contd)

Dr. Lamey taught geology at Indiana University from 1927 to 1930; at Northwestern University from 1930 to 1933; and at Mundelein College in 1934. He joined the faculty of The Ohio State University in 1935 and served as Instructor (1935-1940); Assistant Professor (1940-1945); Associate Professor (1945-1946); and Professor from 1946 until his retirement in 1962. From 1952 to 1960, he also served the Department of Geology as Chairman. He was employed during the summers by the Michigan Geological Survey, the Morgan Gold Mining Company, and the U.S. Geological Survey.

Dr. Lamey was a member of the Geological Society of America; the Society of Economic Geologists; the American Institute of Mining Engineers; the America Geophysical Union; the American Association for the Advancement of Science; the Ohio Academy of Science; the Michigan Academy of Science; the National Association of Geology Teachers; and the Geochemical Society. He was also honored by election to Tau Beta Pi, Phi Beta Kappa, and Sigma Xi, and was a Fellow in Geology at Northwestern University. He was author of more than 30 publications dealing with igneous and metamorphic petrology, and his colleagues in the Department of Geology recognized his contribution at the time of his retirement by naming the general petrology laboratory in his honor. Dr. Lamey was highly respected as a teacher and administrator.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Lamey its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family of Dr. Lamey as a sincere expression of the Board's realization of the loss that the family, the University, and his many friends and associates have sustained.

Walther P. Michael

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 31, 1985, of Walther P. Michael, Associate Professor Emeritus in the Department of Economics.

Professor Michael was born on November 1, 1913, in Freiburg, Germany. He became a U.S. citizen in 1942 while in the armed forces of the United States, serving in the Continental U.S., Hawaii, New Guinea, and the Philippines from March 1941 to November 1945. He earned his B.S. degree, magna cum laude, from Columbia University in 1950, and his Ph.D. in economics from Columbia University in 1965.

RESOLUTIONS IN MEMORIAM (contd)

Walther P. Michael (contd)

Professor Michael joined the Department of Economics as an Instructor in 1958; he became an Assistant Professor in 1960; an Associate Professor in 1970, specializing in International Economics and Finance, Economic Development and the Evolution of Economic Thought. Before coming to OSU, he had been an associate with the National Bureau of Economic Research Project on the Structure of World Trade and Payments, 1954-58.

From his roots in Europe and his wide travels, he brought a strong sense of world culture and intellectual interest to the University community. In addition to the teaching and advising of graduate students, Professor Michael for many years was responsible for the large lecture classes in Principles of Economics (macroeconomics) and he also served as advisor to Arts and Sciences Economics majors. He was known for his public service in the community, by way of participation in seminars, discussion groups, radio, and TV, and as a guest lecturer in secondary school classes.

Professor Michael retired and became Associate Professor Emeritus on September 1, 1984.

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

Warren W. Smith

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 1, 1986, of Warren W. Smith, M.D., Clinical Assistant Professor in the Department of Medicine.

Dr. Smith attended Yale University and graduated in 1944. His medical schooling was at New York University College of Medicine. Dr. Smith graduated with honors in June 1948. Following medical school, Dr. Smith completed his residency training and fellowship in the Cardiovascular Hemodynamic Unit of N.Y.U. and the Third Medical Division of Bellevue Hospital in 1952.

Dr. Smith's work and interests were in the areas of the characteristics of congestive heart failure, circulatory congestion, and the nature of shock accompanying myocardial infarction.

February 6 and 7, 1986 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Warren W. Smith (contd)

Dr. Smith was honored by his peers and faculty by being appointed Chief Medical Resident in the Third Medical Division of Bellevue Hospital during 1952-53. He entered military service in July 1953 and was assigned to Fort Carson Army Hospital in Colorado, where he served two years as a cardiologist.

Dr. Smith held hospital appointments at Mt. Carmel Hospital, Riverside Methodist Hospital and The Ohio State University Hospitals. In 1955, he entered private practice in the Columbus Medical Center, becoming a partner in 1957.

Dr. Smith was very active on the editorial staff of the Bulletin of the County Medical Society, and was named Editor-in-Chief of the Bulletin of the Columbus Academy of Medicine in 1977. In this capacity, he personally contributed many articles to the Bulletin every month. He was highly esteemed by his colleagues and friends in the community for this work.

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

Paul S. Underwood

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 30, 1985, of Paul S. Underwood, Professor Emeritus in the School of Journalism.

Paul S. Underwood was born on December 6, 1915, in Rocky Ridge, Ohio, and attended Ohio Northern University and the University of Cincinnati. Mr. Underwood joined the faculty of the School of Journalism in 1967, after a long and distinguished career as a foreign correspondent and a newspaper editor.

His early years were spent with the Cincinnati Enquirer and the Associated Press. He served as editor of the AP's Latin American desk in New York, and correspondent for the AP in London. Mr. Underwood became editor of the foreign desk for the New York Times, and then Times correspondent in Eastern Europe, which included Bulgaria, Rumania, Hungary, Czechoslovakia, Austria, and Poland.

He returned to New York to become principal writer for the Times' News of the Week in Review.

February 6 and 7, 1986 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Paul S. Underwood (contd)

In addition to his journalism appointment, Mr. Underwood was a member of the faculty of The Ohio State University's Center for Slavic and East European Studies, and a member of the Center's Executive Committee.

Among his numerous awards were an honorary Doctor of Letters from Ohio Northern University in 1982, and a Pulitzer Prize nomination for International Reporting in 1965.

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

Upon motion of Mr. Immke, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 86-74

Synopsis: The reports on contracts, grants, and gifts and the summaries for November and December 1985 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station and The Ohio State University Development Fund during the months of November and December 1985 be approved.

February 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

Upon motion of Mr. Barone, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

SUMMARY FOR NOVEMBER 1985

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	53	\$3,795,245.00
Engineering Experiment Station	34	485,062.00
Total		\$4,280,307.00

The Ohio State University Development Fund

Establishment of Named Funds

The OSU Marion Honors Fund (Support activities and services directed toward the honors program)	\$	15,000.00
The W. E. Cramer Scholarship Fund (Scholarships - Ceramic Engineering)	\$	5,000.00
Mae Guyer Scholarship Endowment Fund (Scholarships - Lima Campus)	\$	5,000.00
The Rebecca and Laura Hazard Scholar- ship Fund (Scholarships - Home Economics)	\$	5,000.00
Sheila Graham Goff and Miles M. Graham Memorial Fund (Communication research in the area of speech and hearing science)	\$	5,000.00
The Dorothy and George L. Lewis Scholarship Fund (Scholarships in Drama Education, Speech Education or Music Education)	\$	5,000.00
L. Earl Slusher Scholarship Fund in Astronomy (Scholarships)	\$	5,000.00
John D. and Marguerite M. Sullivan Scholarship Fund (Scholarships - Biological Sciences)	\$	5,000.00

February 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR NOVEMBER 1985 (contd)

The Ohio State University Development Fund (contd)

Change in Description of Named Fund

Corwin A. Fergus Memorial Fund

SUMMARY FOR DECEMBER 1985

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	73	\$5,036,187.00
Engineering Experiment Station	62	585,293.00
Total		\$5,621,480.00

The Ohio State University Development Fund

Establishment of Named Funds

The Salsbury Endowment Fund for Veterinary Medicine Scholarships (Scholarships)	\$ 100,000.00
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The Harry G. Levy Memorial Scholarship Fund in Law (Scholarships - Lucas County)	\$ 24,190.00
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Tri-State Gun Collectors' Scholarship Fund (Scholarships - Lima Campus)	\$ 20,000.00
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Leota Leyda Balsizer Scholarship Fund (Scholarships - Home Economics)	\$ 10,000.00
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The Charles Hiss Fund in Mechanical Engineering (Scholarships, graduate fellowships and/or research support)	\$ 6,000.00
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Richard R. Medhurst Scholarship in Social Welfare (Scholarships - Social Work)	\$ 6,000.00
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Mark E. Ain Memorial Fund (Scholarships - Social Work)	\$ 5,000.00
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February 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR DECEMBER 1985 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

The Norman R. Sleight Endowed Scholarship Fund (Scholarships)	\$ 5,000.00
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Change in Name of Fund

From: The Mildred S. and Noel F. George Fund
To: The Noel F. George - Baker & Hostetler Law Library Fund

Change of Name and Description of Named Fund

From: The Newton D. Baker Memorial Fund
To: The Newton D. Baker - Baker & Hostetler Professorship in Law

Report from Presidents Club

Members to date	5,171
1985-86 members: fiscal year to date	91
New members - November and December 1985	16

New Presidents Club Members - November and December 1985

George H. Alber	John E. Ratliff
P. C. Boise	Richard J. Reilly
Richard C. Hannon, Sr.	Jerrold Renske
Michael J. Horvath	Joel S. Rudich
Parke B. Johnston	R. E. Steimel
Donald M. Kurdziel	James E. Wallace
Melvin R. Kurtz	Wilbur R. Weller
Linda A. Motosko	Robert J. Woodward

Ohio Florist Association

February 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - November 1985

Federal Research Contracts/Grants

\$582,650.00 - International Development Cooperation Agency, Agency for International Development, Washington, DC, Improvement of Savings and Credit Services by Rural Financial Institutions in Developing Countries, Department of Agricultural Economics and Rural Sociology (D. H. Graham and J. Havlicek), 24 September 1985 through 31 December 1987. (Project 763301 - Continuation)

\$453,078.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Otitis Media with Effusion: Human and Animal Studies, Department of Otolaryngology (D. J. Lim), 1 December 1985 through 30 November 1986. (Project 760043 - Continuation)

\$448,800.00 - Department of the Army, Army Corps of Engineers, Ft. George G. Meade, MD, Microwave Antenna Technology, Department of Electrical Engineering, ElectroScience Laboratory (R. C. Rudduck), 29 September 1985 through 28 February 1987. (Project 765096 - New)

\$179,912.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Study of Biologically Active Infectious Diseases, Department of Chemistry (H. G. Floss), 1 December 1985 through 30 November 1986. (Project 763393 - Continuation)

\$148,918.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Synthesis of Biologically Important Carbohydrates, Department of Chemistry (D. Horton), 1 December 1985 through 30 November 1986. (Project 760025 - Continuation)

\$132,388.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Non-Nitrogen and Nitrogen Containing Dopamine Drugs, College of Pharmacy (D. D. Miller and N. J. Uretsky), 1 December 1985 through 30 November 1986. (Project 762967 - Continuation)

\$121,364.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Biosynthesis of Riboflavin and Related Compounds, Department of Chemistry (H. G. Floss), 1 December

February 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

1985 through 30 November 1986. (Project 763879 - Continuation)

\$118,971.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Lipids Controlling S. aureus Survival in Vivo, Department of Medical Microbiology and Immunology (F. A. Kapral), 1 December 1985 through 30 November 1986. (Project 763912 - Continuation)

\$99,391.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Biomimetic Metal Complexes of Macrocyclic Ligands, Department of Chemistry (D. H. Busch), 1 December 1985 through 30 November 1986. (Project 761501 - Continuation)

\$79,351.00 - National Science Foundation, Washington, DC, Research Equipment Support: Transmission Electron Microscope, Department of Botany (G. L. Floyd, W. A. Jensen, F. D. Sack and T. N. Taylor), 15 November 1985 through 30 April 1987. (Project 765098 - New)

\$70,000.00 - National Science Foundation, Washington, DC, Application of the Knowledge Based System Approach to Operational Problems of Engineering Systems, Department of Mechanical Engineering (D. W. Miller) and Department of Computer and Information Science (B. Chandrasekaran), 1 January 1986 through December 31, 1986. (Project 764243 - Continuation)

\$67,600.00 - National Science Foundation, Washington, DC, Stereochemistry of Reactions at Prochiral and Propochiral Centers - $A^{13}C$, Deuterium Double Labeling Approach, Department of Chemistry (H. G. Floss), 1 December 1985 through 30 November 1986. (Project 764490 - Continuation)

\$67,500.00 - National Science Foundation, Washington, DC, Raman and Spatially Resolved Spectroelectrochemistry, Department of Chemistry (R. L. McCreery), 1 July 1986 through 30 June 1987. (Project 764803 - Continuation)

\$62,573.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Multiple Hydrogen Bonding-Nucleic Acid Bases, Department of Chemistry (J. Hine), 1 December 1985 through 30 November 1986. (Project 763904 - Continuation)

February 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$57,012.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Oligonucleotide Analogs Containing Sulfate Linkages, Department of Chemistry (R. C. Pless), 1 December 1985 through 30 November 1986. (Project 764501 - Continuation)

\$53,603.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Luteal Prostaglandins in Primate Early Pregnancy, Department of Dairy Science - OARDC and Department of Dairy Science (J. S. Ottobre), 1 December 1985 through 30 November 1986. (Project 765111 - New)

\$52,000.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, DC, Effects of Assuming Independent Component Failure Times, If They are Actually Dependent, in a Series System, Department of Preventive Medicine (M. L. Moeschberger) and Department of Statistics (J. P. Klein), 1 November 1985 through 31 October 1986. (Project 763265 - Continuation)

\$49,000.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, OH, Modeling Cumulative Damage Processes in Composite Laminates, Department of Civil Engineering (R. S. Sandhu), 1 October 1985 through 30 September 1986. (Project 764779 - Continuation)

\$39,000.00 - National Science Foundation, Washington, DC, Physical Studies of Milk Xanthine Oxidase, Department of Physiological Chemistry (C. R. Hille), 1 November 1985 through 31 October 1986. (Project 765099 - New)

\$32,970.00 - National Science Foundation, Washington, DC, Mathematical Sciences: Investigations in The Theory of Orthogonal Polynomials, Department of Mathematics (P. Nevai), 1 July 1986 through 30 June 1987. (Project 764661 - Continuation)

\$20,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, OH, Effects of Ice Formation on 2-D Aerodynamic Shapes, Department of Aeronautical and Astronautical Engineering (M. B. Bragg), 6 November 1985 through 15 February 1986. (Project 762009 - Continuation)

February 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$18,089.00 - Department of the Army, Army Corps of Engineers, Vicksburg, MS, Evaluation of Performance of Concrete Structures, Department of Civil Engineering (W. E. Wolfe), 1 October 1985 through 30 June 1986. (Project 765095 - New)

\$3,523.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, CA, Discrete Control Modeling of Computer-Aided Control of Strongly Interactive Systems, Department of Industrial and Systems Engineering (R. A. Miller) and Department of Psychology (R. J. Jagacinski), 1 October 1985 through 31 December 1985. (Project 763264 - Continuation)

\$1,450.00 - Environmental Protection Agency, Chicago, IL, Open Lake Surveillance Monitoring, Center for Lake Erie Area Research (D. E. Rathke and C. E. Herdendorf), 1 May 1985 through 30 June 1986. (Project 764695 - Continuation)

\$750.00 - Department of Agriculture, Soil Conservation Service, Columbus, OH, The Adoption of Soil Conservation Practices by Ohio Farmers, Department of Agricultural Economics and Rural Sociology - OARDC and Department of Agricultural Economics and Rural Sociology (T. L. Napier and C. S. Thraen), 1 June 1985 through 31 May 1987. (Project 764826 - Continuation)

Computer Time - National Science Foundation, Washington, DC, Multiphase Heat and Mass Transfer in Porous Media, Department of Mechanical Engineering (K. Vafai), 15 November 1985 through 15 November 1986. (Project 765103 - New)

Computer Time - National Science Foundation, Washington, DC, Presidential Young Investigator Award, Department of Metallurgical Engineering (R. H. Wagoner), 1 July 1984 through 30 June 1986. (Project 764071 - Continuation)

TOTAL - FEDERAL AWARDS \$2,959,893.00

State of Ohio Research Contracts/Grants

\$40,023.00 - State of Ohio, Department of Health, Columbus, OH, Outreach Education, Department of Pediatrics (L. Cordero), 1 October 1985 through 30 September 1986. (Project 764100 - Continuation)

February 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$38,840.00 - State of Ohio, Department of Health, Columbus, OH, OSU-High Risk Perinatal Project - Care of the High Risk Mother and Infant, Department of Pediatrics (L. Cordero), 1 October 1985 through 31 December 1985. (Project 765042 - Continuation)

\$3,640.00 - State of Ohio, Department of Education, Columbus, OH, Leadership Workshop for Female Teachers of Vocational Agriculture in Ohio, Department of Agricultural Education (J. A. Knight), 1 November 1985 through 31 March 1986. (Project 765108 - New)

TOTAL - STATE OF OHIO AWARDS \$ 82,503.00

Industrial Research Contracts/Grants

\$100,000.00 - Pfizer, Inc., Groton, CT, Support for Facilities for Performing Clinical Pharmacology Studies, Department of Pharmacology (N. Gerber), 1 October 1985 through 30 September 1986. (Project 760484 - Continuation)

\$60,188.00 - The Procter & Gamble Company, Cincinnati, OH, Study of Dental Caries, College of Dentistry - Oral Biology (W. A. Zacherl), 1 October 1985 through 30 June 1986. (Project 762065 - Continuation)

\$44,685.00 - The Procter & Gamble Company, Cincinnati, OH, Study of Dental Calculus, College of Dentistry - Oral Biology (W. A. Zacherl), 1 October 1985 through 30 June 1986. (Project 760029 - Continuation)

\$7,525.00 - American Cyanamid Company, Pearl River, NY, H. Influenzae Type b Vaccine (PRP, TRI-IMMUNOL and ORIMUNE), Department of Pediatrics (L. K. Grossman), 17 June 1985 through 16 December 1987. (Project 764925 - Continuation)

\$4,580.00 - Boehringer-Ingelheim, Ridgefield, CT, Determination of WE-941 in Human Plasma Samples, College of Veterinary Medicine - Administration (R. A. Sams), 1 August 1985 through 31 January 1986. (Project 764993 - Continuation)

\$3,600.00 - Efamol Research Institute, Kentville, Nova Scotia, Canada, Essential Fatty Acids for the Treatment of Hyperkinesia: Placebo Controlled Comparison of D-Amphetamine, Department of Psychiatry (L. E. Arnold), 1 January 1985 through 30 June 1986. (Project 764551 - Continuation)

TOTAL - INDUSTRIAL AWARDS \$ 220,578.00

February 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants

\$252,431.00 - University of Cincinnati, Cincinnati, OH, Area Health Education Center Program, College of Medicine - Administration (G. L. Trzebiatowski), 1 October 1985 through 30 September 1986. (Project 765016 - Continuation)

\$51,128.00 - Vocational and Industrial Training Board of Singapore, Republic of Singapore, Curriculum Development Fellowship Programme for Singapore, The National Center for Research in Vocational Education (R. E. Taylor), 1 September 1985 through 31 July 1986. (Project 765105 - New)

\$36,030.00 - Pennsylvania Department of Education, Harrisburg, PA, Consortium for the Development of Professional Materials for Vocational Education - Pennsylvania, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1985 through 30 June 1986. (Project 765107 - Continuation)

\$34,500.00 - The Columbus Foundation, Columbus, OH, Project Leisure Education - Participation, Department of Recreation and Intramural Activities and Department of Health, Physical Education and Recreation (W. F. Ersing), 1 October 1985 through 3 September 1986. (Project 765106 - New)

\$31,265.00 - Tri-County Community Action Agency, Athens, OH, Development of a Profile of Dislocated Ohio Coal Miners, The National Center for Research in Vocational Education (R. E. Taylor), 1 November 1985 through 31 March 1986. (Project 765110 - New)

\$29,373.00 - Wicomico County Board of Education, Salisbury, MD, A Study of the Vocational Education Program in the Wicomico County School System -- Information for Planning, The National Center for Research in Vocational Education (R. E. Taylor), 1 December 1985 through 31 May 1986. (Project 765094 - New)

\$22,000.00 - American Heart Association, East Central Ohio Heart Chapter, Inc., Canton, OH, Mechanisms of Ca Channel Blockage in Coronary Arteries, Department of Physiological Chemistry (J. D. Johnson), 1 November 1985 through 31 October 1986. (Project 765114 - New)

\$18,248.00 - Morris Animal Foundation, Englewood, CO, Pathogenesis and Treatment of the Humoral Hypercalcemia of Malignancy in Dogs, Department of Veterinary Pathobiology (C. C. Capen), 1 September 1985 through 30 August 1986. (Project 765091 - New)

February 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$15,000.00 - March of Dimes Birth Defects Foundation, White Plains, NY, A Mammalian Estrogenicity Testing System for Polyhalogenated Hydrocarbons, Department of Dairy Science - OARDC and Department of Dairy Science (C. P. Hodgson and L. B. Willett), 1 December 1985 through 30 November 1986. (Project 765117 - New)

\$8,000.00 - American Cancer Society, Ohio Division, Inc., Cleveland, OH, Construction of a Cell Line Constitutively Expressing the HSV DNase, Department of Medical Microbiology and Immunology (D. S. Parris), 1 November 1985 through 31 October 1986. (Project 765104 - New)

\$7,997.00 - American Cancer Society, Ohio Division, Inc., Cleveland, OH, Characterization of Regulatory Ligand Binding to Protein Kinase C, Phorbol Ester Receptor, College of Dentistry - Periodontics (J. D. Walters), 1 November 1985 through 31 October 1986. (Project 765101 - New)

\$7,800.00 - Children's Hospital Research Foundation, Columbus, OH, Binocular Vision and Strabismus in Infants and Children, College of Pharmacy (J. Jagadeesh), 30 September 1985 through 29 September 1986. (Project 765102 - New)

\$5,903.00 - Greater Columbus Arts Council, Columbus, OH, RAPE, University Art Galleries (J. W. Green), 1 November 1985 through 31 January 1986. (Project 765100 - New)

\$5,000.00 - Georgia Department of Education, Atlanta, GA, Career Guidance Consortium, The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1985 through 30 September 1986. (Project 765089 - Continuation)

\$3,665.00 - Indiana University, Bloomington, IN, Malaysia Cooperative Program, Department of Communication (G. Berquist), 1 August 1985 through 15 August 1986. (Project 764972 - Continuation)

\$2,000.00 - Iowa Department of Public Instruction, Des Moines, IA, National Entrepreneurship Education Consortium, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1985 through 30 June 1986. (Project 764945 - Continuation)

\$1,931.00 - Cancer Therapy and Research Center, San Antonio, TX, Gynecologic Cancer Pathology Subcommittee, Department of

February 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

Pathology (R. V. O'Toole), 1 September 1985 through 31 August 1986. (Project 764004 - Continuation)

TOTAL - OTHER NON-FEDERAL AWARDS \$ 532,271.00

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

\$124,235.00 - The Ohio Department of Transportation, Columbus, OH, "Technology Transfer Center for Rural Transportation Agencies," Department of Civil Engineering, 15 October 1985 through 15 April 1987. (529693)

\$63,250.00 - The Ohio Department of Transportation, Columbus, OH, "Technology Transfer Center for Rural Transportation Agencies/Subcontract," Department of Civil Engineering, 15 October 1985 through 15 April 1987. (529694)

TOTAL - STATE SPONSORED RESEARCH \$ 187,485.00

Industrial and Other Sponsored Research and Development

\$83,065.00 - 3M Corporation, St. Paul, MN, "Development of an Advanced Microwave Free-Space Materials Measurement System," Department of Electrical Engineering, 1 November 1985 through 1 January 1987. (529696)

\$44,900.00 - General Electric, Cincinnati, OH, "Testing of the General Electric CF6-80C2," Department of Aeronautical and Astronautical Engineering, 21 November 1985 through 31 March 1986. (312860)

\$39,723.00 - Chemical Abstracts, Columbus, OH, "Development of an Expert System to Aid in Searches of Chemical Abstracts," Department of Industrial and Systems Engineering, 1 October 1985 through 1 March 1986. (529692)

\$38,700.00 - United Technology/Sikorsky Aircraft, Stratford, CT, "Wind Tunnel Test Data," Department of Aeronautical and Astronautical Engineering, 1 November 1985 through 31 December 1985. (312861)

\$32,000.00 - Lockheed California Company, Burbank, CA, "Wind Tunnel Test of an Advanced Two-Element Airfoil," Department of Aeronautical and Astronautical Engineering, 1 October 1985 through 30 November 1985. (312859)

February 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION (contd)

Industrial and Other Sponsored Research and Development
(contd)

\$31,626.00 - from 21 sponsors of 25 development projects
under the direction of one research area.

\$25,063.00 - General Motors Technical Center, Warren, MI,
"Improving the Resistance of High Strength Steel Fasteners
to Hydrogen Embrittlement," Department of Metallurgical
Engineering, 1 September 1985 through 31 August 1986.
(529695)

\$2,500.00 - Battelle Columbus Laboratories, Columbus, OH,
"Analysis of Miniature Charpy Specimen Data," Nuclear
Engineering Program of the Department of Mechanical
Engineering, 1 October 1985 through 31 December 1985.
(529691)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 297,577.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

The OSU Marion Honors Fund

The OSU Marion Honors Fund was established February 7, 1986,
by the Board of Trustees of The Ohio State University with
gifts to The Ohio State University Development Fund from Ted
B. Babich, B.A., Social and Behavioral Sciences, 1971; and
Beth E. Babich, B.A., Arts and Sciences, 1969; in honor of
their parents, Robert (B.Ch.E. '47) and Marilyn B. Babich
(B.S.Ed. '45).

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

Twenty percent (20%) of the annual income should be added to
the principal of the fund. The remaining eighty percent
(80%) of the annual income shall be used to support
activities and services at the OSU Marion Campus directed
toward the honors program and such activities that cultivate
and nurture scholarly achievement. Endowment income
directed to those programs shall be as recommended by the
appropriate Marion Campus faculty committees with the
concurrence of the Campus Dean. Unused income in any given
year shall be added to the principal of the fund.

February 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The OSU Marion Honors Fund (contd)

Should the need for this fund cease to exist, then the income may be used for any purpose whatsoever as determined by the Board of Trustees with preference being given to recommendations from the appropriate administrative official of the University who is then responsible for honors programs.

The W. E. Cramer Scholarship Fund

The W. E. Cramer Scholarship Fund was established February 7, 1986, by the Board of Trustees of The Ohio State University with gifts from the Edward Orton, Jr., Ceramic Foundation in memory of its former trustee and from Helen M. Cramer in memory of her late husband, W. E. Cramer, B.Cer.E. '20, PRO, Ceramic Engineering, 1937.

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

The annual income shall be used to support the Department of Ceramic Engineering through undergraduate scholarships. Preference will be given to outstanding students majoring in ceramic engineering who are U.S. citizens. Recipients will be named annually, but may be eligible to compete for renewed awards. Selection will be made by the Chairperson of the Department of Ceramic Engineering in cooperation with the Dean of the College of Engineering and the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for ceramic engineering education.

Mae Guyer Scholarship Endowment Fund

The Mae Guyer Scholarship Endowment Fund was established February 7, 1986, by the Board of Trustees of The Ohio State

February 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Mae Guyer Scholarship Endowment Fund (contd)

University with a gift to the Office of University Development from family and friends in honor of Mae Guyer of Findlay, Ohio.

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

The annual income is to be used to provide one or more scholarships to students of academic merit who reside in the Fourth Congressional District as constituted during Tennyson Guyer's tenure in office, and who attend OSU Lima. Selection of the recipient(s) shall be made by the Dean of The Ohio State University at Lima with recommendations by the Financial Aids Officer and Scholarship Committee.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the Dean of OSU Lima.

The Rebecca and Laura Hazard Scholarship Fund

The Rebecca and Laura Hazard Scholarship Fund was established February 7, 1986, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Francis E. Hazard, Ph.D., Education, 1973, Dean and Director of The Ohio State University Campus at Marion, in honor of his daughters, Rebecca and Laura, A.A. '82, B.S.H.E. '84.

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

The annual income and additional gifts will be added to the principal until such time as the principal reaches \$15,000. Thereafter, twenty percent (20%) of the annual income shall be added to the fund's principal. The remaining eighty percent (80%) of the annual income shall be used to provide scholarships in the College of Home Economics at either the graduate or undergraduate level. This scholarship is to be

February 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Rebecca and Laura Hazard Scholarship Fund (contd)

awarded by the University Committee on Student Financial Aid upon the recommendation of the College of Home Economics Scholarship Committee or its successor.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendation of the Dean of the College of Home Economics.

Sheila Graham Goff and Miles M. Graham Memorial Fund

The Sheila Graham Goff and Miles M. Graham Memorial Fund was established February 7, 1986, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Miriam Graham Witschy of Logan, Ohio, in memory of her daughter, Sheila Graham Goff, Ph.D., Speech, 1955, Associate Professor, Communication; and her father, Miles M. Graham, faculty member in the Department of English.

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

The annual income shall be used for communications research in the area of speech and hearing science with special attention directed toward the development of speech in children or the use of English as a second language. Recommendations for the expenditure of these funds shall be made by the Director of the Speech and Hearing Science Section and approved by the Chairperson of the Department of Communication.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Social and Behavioral Sciences.

February 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Dorothy and George L. Lewis Scholarship Fund

The Dorothy and George L. Lewis Scholarship Fund was established February 7, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from George L. Lewis, Professor Emeritus of Educational Theory and Practice, in memory of his wife; and gifts from sons Michael (B.S.Ed. '65), Terry (M.A., Speech/Communication '72), and Patrick (M.A., Music '84), and friends in honor of George Lewis and in memory of Dorothy Lewis.

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

The annual income is to be used to provide one or more scholarships for undergraduate students in either Drama Education, Speech Education or Music Education who have declared their major and who have demonstrated academic ability (minimum 3.0 average). The selection is to be made by the College of Education Scholarship Committee upon the recommendation of a committee representing Drama Education, Speech Education, Music Education and the College and with the approval of the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to those responsible for drama, speech and music education.

L. Earl Slusher Scholarship Fund in Astronomy

The L. Earl Slusher Scholarship Fund in Astronomy was established February 7, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from L. Earl Slusher of Columbus, Ohio.

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

February 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

L. Earl Slusher Scholarship Fund in Astronomy (contd)

The annual income shall be awarded to an undergraduate student at The Ohio State University, selected on the basis of potential for a promising career in astronomy. If two or more students have nearly equal ability, the student judged to have the greater financial need shall be selected. If no student is selected to receive the award in a given year, the income from that year may be awarded to a student in a future year. Selection of the award recipients shall be made by the University Committee on Student Financial Aid upon recommendations received from the Chairperson of the Department of Astronomy and the Dean of the College of Mathematical and Physical Sciences.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University then responsible for astronomy education.

John D. and Marguerite M. Sullivan Scholarship Fund

The John D. and Marguerite M. Sullivan Scholarship Fund was established February 7, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Marguerite M. Sullivan, B.A., Arts and Sciences, 1935, M.A., Biological Sciences, 1937, to aid worthy students in the College of Biological Sciences and to honor the memory of her husband's career in the sciences at Battelle Memorial Institute.

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

The annual income shall be used for scholarships to one or more worthy students in the College of Biological Sciences. The selection of recipients shall be made by the University Committee on Student Financial Aid in consultation with the Dean of the College of Biological Sciences.

February 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

John D. and Marguerite M. Sullivan Scholarship Fund (contd)

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for education in the biological sciences.

Change in Description of Named 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 description was changed February 7, 1986.

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

The annual income shall be used to provide a one-year graduate scholarship or fellowship renewable in either the Graduate School or one of the professional colleges as provided in the agreement of the gift. Any unused income may be used to support the student athlete educational programs in the Department of Athletics as approved by the Director of Athletics.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees of The Ohio State University, with preference being given to recommendations from the appropriate administrative officials of the University then responsible for graduate level and student athlete educational programs.

February 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - December 1985

Federal Research Contracts/Grants

\$999,895.00 - Department of the Army, Army Tank - Automotive Command, Warren, MI, A Mobility System Design Study for an Agile Automatic Land Vehicle, Department of Electrical Engineering (R. B. McGhee) and Department of Mechanical Engineering (K. J. Waldron), 1 November 1985 through 15 February 1986. (Project 764306 - Continuation)

\$177,030.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, OH, Antenna Studies, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 1 October 1985 through 30 September 1986. (Project 764396 - Continuation)

\$169,153.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Hypocholesterolemic Agents: Stereochemical Studies, College of Pharmacy (D. T. Witiak and D. R. Feller) and Department of Pathology (H. A. I. Newman), 1 December 1985 through 30 November 1986. (Project 764517 - Continuation)

\$167,000.00 - Department of Labor, Employment and Training Administration, Washington, DC, National Longitudinal Studies of Labor Force Behavior, Center for Human Resource Research (K. I. Wolpin), 15 November 1985 through 30 September 1986. (Project 760081 - Continuation)

\$159,623.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Interaction of DNA Topoisomerases with Chromatin, Department of Microbiology (M. T. Muller), 1 January 1986 through 31 December 1986. (Project 763392 - Continuation)

\$151,641.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, In Situ T Cell Function in Rejecting Allografts, Department of Surgery (C. G. Orosz), 1 December 1985 through 30 November 1986. (Project 764493 - Continuation)

\$149,614.00 - National Science Foundation, Washington, DC, Motion Coordination for Mobile Robots in Unstructured Environments, Department of Electrical Engineering (C. A. Klein) and Department of Mechanical Engineering (N. Berme), 1 December 1985 through 30 November 1986. (Project 765122 - Continuation)

February 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$123,032.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Genetic Resistance to Autoimmune Encephalomyelitis, Department of Medicine (C. C. Whitacre), 1 December 1985 through 30 November 1986. (Project 763902 - Continuation)

\$119,602.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, The Role of α -Lactalbumin in Lactose Biosynthesis, Department of Chemistry (L. J. Berliner), 1 February 1986 through 31 January 1987. (Project 763428 - Continuation)

\$110,862.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Cancer Education Program, Department of Surgery (A. G. James) and Department of Medicine (C. B. Meleca), 1 January 1986 through 31 December 1986. (Project 761412 - Continuation)

\$107,500.00 - National Science Foundation, Washington, DC, Kinetics and Spectroscopy of Reactive Intermediates, Department of Chemistry (M. Platz), 1 December 1985 through 30 November 1986. (Project 765125 - New)

\$106,700.00 - National Science Foundation, Washington, DC, Micromechanisms of Polycrystalline Propagation Strain, Department of Metallurgical Engineering (R. H. Wagoner and W. A. T. Clark), 1 January 1986 through 31 December 1986. (Project 763921 - Continuation)

\$99,564.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, DC, Motion and Stability of Saturated Soil Systems under Dynamic Loading, Department of Civil Engineering (R. S. Sandhu and W. E. Wolfe), 1 February 1986 through 31 January 1987. (Project 763420 - Continuation)

\$86,600.00 - National Science Foundation, Washington, DC, Plastic Instability and Fracture in Steels, Department of Metallurgical Engineering (J. P. Hirth), 1 April 1986 through 31 March 1987. (Project 763970 - Continuation)

\$66,369.00 - National Science Foundation, Washington, DC, Computer Typesetting of Musical Scores, Department of Computer and Information Science (J. S. Gourlay), 1 November 1985 through 30 October 1986. (Project 765129 - New)

February 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$65,000.00 - National Science Foundation, Washington, DC, Natural Convection in Enclosures, Department of Mechanical Engineering (S. A. Korpela) and Department of Physics (C. D. Andereck), 1 January 1986 through 31 December 1986. (Project 765154 - New)

\$62,500.00 - Environmental Protection Agency, Washington, DC, Regulation of Hydrogenase and Methyl Co-Enzyme M Methyl Reductase in Methanogens, Department of Microbiology (J. N. Reeve), 6 January 1986 through 5 January 1988. (Project 765152 - New)

\$61,373.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Oxidate PMN/Periodontium Interaction in Oral Disease, College of Dentistry - Diagnostic Services (S. R. Mallery and C. M. Allen) and Department of Physiological Chemistry (A. J. Merola), 1 December 1985 through 30 November 1986. (Project 765142 - New)

\$60,843.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Cellular PD and Ion Activities in Renal Proximal Tubules, Department of Physiology (B. A. Biagi), 1 January 1986 through 31 December 1986. (Project 763050 - Continuation)

\$55,000.00 - National Science Foundation, Washington, DC, Mechanisms of Nucleoside Kinase Regulation, Department of Biochemistry (D. Ives), 15 January 1986 through 14 January 1987. (Project 764531 - Continuation)

\$53,859.00 - Department of the Army, Army Material Development Readiness Command, Fort Monmouth, NJ, Computer Communication Protocols for Advanced Communication Systems, Department of Computer and Information Science (M. T. Liu), 1 December 1985 through 31 May 1986. (Project 763631 - Continuation)

\$52,987.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Deoxycoformycin in Lymphoid Malignancies, Cancer Research Center and Department of Medicine (M. R. Grever), 1 December 1985 through 30 November 1986. (Project 763911 - Continuation)

\$49,403.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD,

February 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

Biology of Basal Cell Carcinoma, Department of Medicine (R. E. Grimwood), 1 January 1986 through 31 December 1986. (Project 765145 - New)

\$47,337.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Hypothalamic Neuronal Sensitivity in Pregnant WKY/SHR Rats, Department of Physiology (J. A. Boulant and D. Christenson), 1 December 1985 through 30 November 1986. (Project 765130 - New)

\$37,549.00 - National Science Foundation, Washington, DC, Indirect Effects of Predators in Fish Communities, Department of Zoology (J. L. Crites and G. G. Mittelbach), 1 February 1986 through 31 January 1987. (Project 765144 - Continuation)

\$34,000.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, OH, Study of Electromagnetic Scattering by Certain Types of Apertures and Cavities, Department of Electrical Engineering, Electro-Science Laboratory (P. H. Pathak), 1 October 1985 through 30 June 1986. (Project 764343 - Continuation)

\$24,996.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, The Toxicology of Hydantoins in Relation to Oral Biology, Department of Pharmacology (D. Couri and D. A. Vondeutsch), 1 January 1986 through 31 December 1986. (Project 764537 - Continuation)

\$17,670.00 - National Aeronautics and Space Administration, Marshall Space Flight Center, AL, Develop a Laser-Based Structured Lighting Enhancement for the MSFC Coaxial Viewer System, Department of Welding Engineering (R. W. Richardson), 1 October 1985 through 30 December 1985. (Project 763891 - Continuation)

\$15,555.00 - National Science Foundation, Washington, DC, A Decision-Theoretic Approach to Innovation and Technology Transfer, Department of Economics (M. C. Thursby and R. A. Jensen), 1 December 1985 through 30 June 1986. (Project 764842 - Continuation)

\$15,000.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, OH, Passenger Car Handling and Stability Research, Phase 2, Department of Mechanical Engineering (L. A. Kennedy), 1 October 1985 through 20 November 1985. (Project 765097 - Continuation)

February 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$10,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, OH, Documentation of Ice Shapes for the Helicopter Icing Flight Test Program, Department of Aeronautical and Astronautical Engineering (J. D. Lee), 1 May 1985 through 15 February 1986. (Project 763362 - Continuation)

\$10,000.00 - National Science Foundation, Washington, DC, L Functions and the Oscillator Representation, Department of Mathematics (S. J. Rallis), 1 January 1986 through 31 December 1986. (Project 764289 - Continuation)

\$7,200.00 - Department of Agriculture, Agricultural Research Service, Kerrville, TX, Mechanisms of Resistance in Bovine Psoroptic Mange, Department of Veterinary Pathobiology (P. C. Stromberg), 27 September 1985 through 26 September 1986. (Project 765128 - New)

\$6,510.00 - Department of Commerce, Bureau of the Census, Washington, DC, Providing Forecast Limits for Fertility Projections, Academic Faculty of Management Sciences (P. A. Thompson), 1 October 1985 through 31 December 1985. (Project 765133 - New)

Equipment - Department of Energy, Aiken, SC, U.S. Department of Energy Surplus Equipment, Engineering Experiment Station (J. W. Talnagi), 1 December 1985 through 30 November 1986. (Project 765112 - New) (Approximate Dollar Value - \$5,008.00)

TOTAL - FEDERAL AWARDS

\$3,480,967.00

State of Ohio Research Contracts/Grants

\$114,175.00 - State of Ohio, Board of Regents, Columbus, OH, Area Health Education Centers (Health Services Education), College of Medicine - Administration (G. L. Trzebiatowski), 1 October 1985 through 30 September 1986. (Project 765151 - Continuation)

\$27,061.00 - State of Ohio, Department of Health, Columbus, OH, Rape Education Workshop Project, Office of Women's Services (S. L. Hansen), 1 October 1985 through 30 September 1986. (Project 765136 - New)

\$15,066.00 - State of Ohio, Department of Youth Services, Columbus, OH, Graduate Student Internship, Department of Human Services Education (M. D. Orlansky), 1 November 1985 through 30 June 1986. (Project 765149 - Continuation)

February 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$600.00 - State of Ohio, Board of Regents, Columbus, OH, Area Health Education Center, College of Medicine - Administration (G. L. Trzebiatowski), 1 October 1984 through 30 September 1985. (Project 764466 - Continuation)

TOTAL - STATE OF OHIO AWARDS **\$ 156,902.00**

Industrial Research Contracts/Grants

\$74,175.00 - Rosemount Corporation, Burnsville, MN, Avionics Scattering Measurement and Analysis, Department of Electrical Engineering, ElectroScience Laboratory (J. D. Young), 1 December 1985 through 31 December 1986. (Project 765139 - Continuation)

\$58,740.00 - Rosemount Corporation, Burnsville, MN, Computer Scattering Analysis Research, Department of Electrical Engineering, ElectroScience Laboratory (J. D. Young), 1 December 1985 through 31 December 1986. (Project 765140 - Continuation)

\$47,781.00 - Kali-Duphar Labs, Inc., Columbus, OH, DU 29373 in Healthy, Male Volunteers - A Double-Blind, Placebo-Controlled Safety and Tolerance Study with Single Rising Doses, Department of Pharmacology (N. Gerber), 1 August 1985 through 30 June 1986. (Project 764001 - Continuation)

\$45,368.00 - Schuler, Inc., Columbus, OH, Assisting Schuler Corporation in Developing Transfer Press Training Programs, The National Center for Research in Vocational Education (R. E. Taylor), 19 December 1985 through 31 January 1986. (Project 765033 - Continuation)

\$41,166.00 - Sandoz, Inc., E. Hanover, NJ, A Comparison of Bromocriptine and Carbidopa + Levodopa Alone and in Combination for the Treatment of De Novo Parkinson Patients, Department of Neurology (G. W. Paulson), 1 October 1985 through 30 September 1986. (Project 765138 - New)

\$37,210.00 - Pfizer, Inc., Groton, CT, A Bioavailability Study of Three Formulations of CP-66,248 (006-504), Department of Pharmacology (N. Gerber), 1 October 1985 through 15 November 1986. (Project 764001 - Continuation)

\$36,250.00 - International Business Machines Corporation, Yorktown Heights, NY, Development of Phenomenological Relativistic Approach to Nuclear Physics, Department of Physics (B. C. Clark), 1 January 1986 through 31 December 1986. (Project 765137 - New)

February 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$26,139.00 - Pharmaceutical Research Institute, West Orange, NJ, Pharmacokinetics of Four Different Formulations of ORG 6370 in Normal Volunteers, Department of Pharmacology (N. Gerber), 1 October 1985 through 30 June 1986. (Project 764001 - Continuation)

\$21,000.00 - Cargill, Inc., Dayton, OH, Milk Production of High-Producing Cows Fed Dried Corn Gluten Feed, Department of Dairy Science - OARDC and Department of Dairy Science (D. L. Palmquist), 1 October 1985 through 30 September 1986. (Project 765121 - New)

\$19,000.00 - Cargill, Inc., Dayton, OH, Replacement of Corn Gluten Feed for Corn Silage and Corn in Cattle Growing and Finishing Diets, Department of Animal Science - OARDC (S. C. Loerch), 1 November 1985 through 31 July 1986. (Project 765127 - New)

\$15,780.00 - RCA Service Corporation, Cherry Hill, NJ, Technician Training Project in Turkey: Professional Development of Managers, The National Center for Research in Vocational Education (R. E. Taylor), 11 November 1985 through 13 December 1985. (Project 765123 - New)

\$15,000.00 - Eli Lilly and Company, Greenfield, IN, The Effect of Various Levels of EL-737 on the Performance and Carcass Characteristics of Finishing Swine, Department of Animal Science - OARDC and Department of Animal Science (K. M. Irvin), 15 September 1985 through 13 November 1985. (Project 765093 - New)

\$11,500.00 - Columbus Bio-Medical Research, Inc., Columbus, OH, Intra-Vitreous Antitumor Drug Delivery System, College of Pharmacy (S. G. Frank), 30 September 1985 through 31 March 1986. (Project 765124 - New)

\$5,976.00 - Minnesota Mining and Manufacturing Company (3-M), St. Paul, MN, Diagnostic Kit for Cancer, Department of Medical Microbiology and Immunology (R. W. Lang) and Department of Physiological Chemistry (T. E. Webb), 1 November 1985 through 28 February 1986. (Project 764336 - Continuation)

\$3,625.00 - Capital City Products, Columbus, OH, Design, Implementation and Evaluation of a Structured On-the-Job Training Program, Department of Educational Policy and Leadership (R. L. Jacobs), 1 November 1985 through 30 April 1986. (Project 765135 - New)

February 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$3,000.00 - Viratek, Inc., Covina, CA, Analysis of Ribavirin Therapy in the Treatment of Influenza, Department of Preventive Medicine (M. L. Moeschberger), 1 May 1985 through 31 December 1985. (Project 765131 - Continuation)

\$1,350.00 - Schering Corporation, Kenilworth, NJ, Flunixin Ophthalmic Dose Titration Study in the Dog (Histology Studies), Department of Veterinary Clinical Sciences (M. Wyman), 1 November 1985 through 31 October 1986. (Project 765116 - New)

TOTAL - INDUSTRIAL AWARDS **\$ 463,060.00**

Other Non-Federal Research Contracts/Grants

\$725,000.00 - Midwest Universities Consortium for International Activities, Inc., Champaign, IL, Burma Maize and Oilseeds Production Project, International Programs in Agriculture (M. E. Headings), 1 August 1985 through 31 March 1986. (Project 763368 - Continuation)

\$30,886.00 - Indiana University, Bloomington, IN, Malaysia Cooperative Program, Office of Academic Affairs - English/Second Language (T. T. Diemer), 1 January 1986 through 31 December 1986. (Project 764972 - Continuation)

\$30,472.00 - Battelle Memorial Institute, Columbus, OH, Chronic Toxicity Tests of Sodium Fluoride (Histopathology of Teeth and Bones), Department of Veterinary Pathobiology (S. Weisbrode), 1 October 1985 through 14 May 1986. (Project 765113 - New)

\$22,865.00 - Florida International University, Miami, FL, Consortium for the Development of Professional Materials for Vocational Education - Florida International University, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1985 through 30 June 1986. (Project 765132 - Continuation)

\$18,000.00 - Research Corporation, Port Washington, NY, Light Scattering Study of Two-Dimensional Semi-Conductors, Department of Physics (R. Sooryakumar), 1 November 1985 through 31 October 1986. (Project 765141 - New)

\$17,784.00 - American Heart Association, East Central Ohio Heart Chapter, Inc., Canton, OH, Role of Cerebral Hypoperfusion in Cardiac Resuscitation, Department of Veterinary Physiology (R. L. Hamlin), 1 December 1985 through 30 November 1986. (Project 765115 - New)

February 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$15,275.00 - Jessie Smith Noyes Foundation, New York, NY, Lakes in an Inca Landscape: The Physical Structure, Productivity and Reaction to Pesticides of Small Equatorial Lake Systems, Department of Zoology (P. A. Colinvaux), 1 June 1986 through 31 August 1987. (Project 765118 - New)

\$15,000.00 - University Affiliated Cincinnati Center for Developmental Disorders, Cincinnati, OH, Prevention Continuing Education in Rural Areas, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 January 1986 through 30 June 1986. (Project 764528 - Continuation)

\$12,500.00 - Deafness Research Foundation, New York, NY, Elemental Analysis of Cochlear Cells, Department of Otolaryngology (D. J. Lim), 1 January 1986 through 31 December 1986. (Project 765146 - Continuation)

\$12,500.00 - Deafness Research Foundation, New York, NY, The Role of Endotoxin in Adhesive Otitis Media, Department of Otolaryngology (T. Demaria), 1 January 1986 through 31 December 1986. (Project 765147 - Continuation)

\$12,000.00 - Atlantic Community College, Mays Landing, NY; Boise State University, Boise, ID; Cuyahoga Community College District, Cleveland, OH; Florida Junior College at Jacksonville, Jacksonville, FL; Tarrant County Junior College, Fort Worth, TX; and Utah Technical College at Provo, Provo, UT, National Postsecondary Alliance, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1985 through 30 June 1986. (Project 764743 - Continuation)

\$6,500.00 - University of Pittsburgh, Pittsburgh, PA, The Treatment of Primary Breast Cancer, Department of Surgery (W. B. Farrar), 1 February 1985 through 31 January 1986. (Project 763659 - Continuation)

\$6,000.00 - Massachusetts Division of Occupational Education, Quincy, MA; Tennessee Department of Education, Nashville, TN; and State of Ohio, Division of Vocational Education, Columbus, OH, National Entrepreneurship Education Consortium, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1985 through 30 June 1986. (Project 764945 - Continuation)

\$3,663.00 - National Association of Secondary School Principals, Reston, VA, A Unified Approach to the Psychometric Analysis of Data Collected during the

February 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

Development of the NASSP Learning Styles Profile, Department of Family Medicine (J. S. Monk), 16 April 1984 through 30 June 1986. (Project 764085 - Continuation)

\$2,813.00 - West Virginia University, Morgantown, WV, Preparation and Use of Specific Antibodies to Measure Vitamin A-Like Drugs in Serum of Patients and Animals, College of Pharmacy (R. W. Curley, Jr.), 1 November 1985 through 31 October 1986. (Project 765126 - New)

\$2,000.00 - Colorado State Board for Community Colleges and Occupational Education, Denver, CO, National Entrepreneurship Education Consortium, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1985 through 30 June 1986. (Project 764945 - Continuation)

\$2,000.00 - State of Massachusetts, Division of Occupational Education, Quincy, MA, National Entrepreneurship Education Consortium, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1984 through 30 June 1985. (Project 764317 - Continuation)

TOTAL - OTHER NON-FEDERAL AWARDS \$ 935,258.00

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

\$248,979.00 - Ohio Department of Development, Thomas A. Edison Partnership Program, Columbus, OH; and Universal Energy Systems, Inc., Dayton, OH, "Advanced Simulation Language and Multicomputer Design for Improving the Performance of Modeling and Control of Metal-Forming," Department of Computer and Information Science, 12 October 1985 through 30 September 1987. (529697)

\$99,985.00 - Industrial Commission of Ohio, Columbus, OH, "Evaluation of the Motion Component in Manual Lifting," Department of Industrial and Systems Engineering, 1 January 1986 through 31 December 1986. (529698)

\$2,370.00 - Ohio Department of Development, Thomas A. Edison Partnership Program, Columbus, OH; and Morningstar, Columbus, OH, "Development of an Enhanced ARPA Network Communications System for UNIX-based Supermicro Computers Incorporating the Multibus Standard." This represents a correction in the original budget. (529682)

TOTAL - STATE SPONSORED RESEARCH \$ 351,334.00

February 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION (contd)

Industrial and Other Sponsored Research and Development

\$91,302.00 - from 37 sponsors of 55 development projects under the direction of five engineering departments or research areas.

\$89,757.00 - Battelle Columbus Labs, Columbus, OH, "Analytical and Experimental Investigation of Evaporation from Vertical Fluted Surface," Department of Mechanical Engineering, 1 October 1985 through 31 April 1986. (312834 - Ext. 2)

\$27,000.00 - General Electric - Aircraft Engine Business Group, Cincinnati, OH, "Purchase of Equipment Necessary to Conduct Testing of GE CF6-80C2," Department of Aeronautical and Astronautical Engineering, 14 October 1985 through 30 March 1986. (312862)

\$22,000.00 - General Electric - Aircraft Engine Business Group, Cincinnati, OH, "Testing of Models of Two Anti-Reingestion Tunnels," Department of Aeronautical and Astronautical Engineering, 21 November 1985 through 31 May 1986. (312863)

\$3,900.00 - Universal Energy Systems, Inc., Dayton, OH, "An Apprentice System for Extrusion Die Design and Process Simulation," Department of Computer and Information Science, 16 July 1984 through 31 March 1986. (529666 - Ext. 1)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 233,959.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

**The Salsbury Endowment Fund for Veterinary
Medicine Scholarships**

The Salsbury Endowment Fund for Veterinary Medicine Scholarships was established February 7, 1986, by the Board of Trustees of The Ohio State University with an initial gift to The Ohio State University Development Fund from the Dr. J. E. Salsbury Foundation, Scottsdale, Arizona.

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

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Salsbury Endowment Fund for Veterinary
Medicine Scholarships (contd)

The annual income shall be used to award Salsbury Scholarships to senior students enrolled in the College of Veterinary Medicine at The Ohio State University. The awards shall be conferred on those senior students demonstrating superior scholarship, initiative, perseverance, potential for leadership and financial need. Selection of the award recipients shall be made by the University Committee on Student Financial Aid and approved by the Dean of the College of Veterinary Medicine.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the Dean of the College of Veterinary Medicine. Should the College of Veterinary Medicine be discontinued or not able to use the income, then the income shall be used for scholarships in agriculture or science.

The Harry G. Levy Memorial Scholarship Fund in Law

The Harry G. Levy Memorial Scholarship Fund in Law was established February 7, 1986, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Harry G. Levy (LLB '20) of Toledo, Ohio.

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

The annual income is to be used to provide financial aid in the second and third years of study to the student from Lucas County who ranked highest after the first year of study in the College of Law.

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

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Tri-State Gun Collectors' Scholarship Fund

The Tri-State Gun Collectors' Scholarship Fund was established February 7, 1986, by the Board of Trustees of The Ohio State University with a gift to the Office of University Development from The Tri-State Gun Collectors, Inc., of Lima, Ohio.

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

The annual income is to be used to provide one or more scholarships to students attending the Lima Campus of The Ohio State University who are students of academic merit and reside in Allen or a contiguous county. Preference should be given to students who plan to enter conservation, law enforcement, communications or journalism as a career and are outdoor enthusiasts. Selection of the recipient(s) shall be made by the Dean of The Ohio State University at Lima with recommendations by the Financial Aids Officer and Scholarship Committee at the Lima Campus which shall include a member of the executive committee of The Tri-State Gun Club.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the Dean of OSU Lima, in consultation with The Tri-State Gun Collectors, Inc., of Lima, Ohio, should said organization be in existence at that time.

Leota Leyda Balsizer Scholarship Fund

The Leota Leyda Balsizer Scholarship Fund was established February 7, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Leota Leyda Balsizer, retired faculty member, College of Home Economics.

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

February 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Leota Leyda Balsizer Scholarship Fund (contd)

The annual income is to be used for undergraduate scholarships in the College of Home Economics. Preference is to be given to former 4-H members. Selection is to be made by the College of Home Economics Scholarship Committee in cooperation with the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations of the Dean of the College of Home Economics.

The Charles Hiss Fund in Mechanical Engineering

The Charles Hiss Fund in Mechanical Engineering was established February 7, 1986, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mrs. Charles Hiss in memory of her husband, Charles Hiss, B.S.M.E. '33.

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

The annual income shall be used to support the Department of Mechanical Engineering through undergraduate scholarships, graduate fellowships and/or research support. Scholarship and fellowship winners will be chosen primarily for academic merit. Financial need will be a secondary consideration and may be used in final decision analysis. Recipients will be named annually, but may be eligible to compete for renewed awards. The use of the income will be determined by the Chairperson of the Department of Mechanical Engineering in conjunction with the Dean of the College of Engineering. The assistance of the Director of Student Financial Aids will be used when scholarship and fellowship recipients are selected.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of

February 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Charles Hiss Fund in Mechanical Engineering (contd)

Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for mechanical engineering education.

Richard R. Medhurst Scholarship in Social Welfare

The Richard R. Medhurst Scholarship in Social Welfare was established February 7, 1986, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from his wife, Genevieve H. Medhurst, family and friends in memory of Professor Richard R. Medhurst, Ph.D., Social Work.

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

The annual income is to be used to provide one or more scholarships for students enrolled in the College of Social Work who demonstrate a need for financial assistance and who best exemplify the academic excellence, professional leadership and creativity which Dr. Medhurst sought to develop in his students. The selection of recipient(s) is to be made by the College of Social Work in cooperation with or with the approval of the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever in the College of Social Work as directed by the Board of Trustees, with preference being given to recommendations from the Dean of the College.

Mark E. Ain Memorial Fund

The Mark E. Ain Memorial Fund was established February 7, 1986, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Milton (M.S.W. '67) and Shirley Ain in memory of their son Mark E. Ain, B.S., Social and Behavioral Sciences, 1975.

February 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Mark E. Ain Memorial Fund (contd)

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

The annual income is to be used to provide one or more scholarships for an undergraduate student(s) enrolled in the College of Social Work with a minimum grade point average of 2.5. The student(s) must have a clearly handicapping disability and demonstrate a financial need. In the event there is not a student(s) available who meets the stipulations already outlined, then two minimum awards of \$100 each shall be given to undergraduate students for outstanding community service. After the awards are made, then the balance of the accrued interest on June 30th shall be returned to principal. Selection of the award recipients shall be made by the University Committee on Student Financial Aid in cooperation with the Dean of the College of Social Work.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever in the College of Social Work as directed by the Board of Trustees, with preference being given to recommendations from the Dean of the College.

The Norman R. Sleight Endowed Scholarship Fund

The Norman R. Sleight Endowed Scholarship Fund was established February 7, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Norman R. Sleight, C.L.U., Newark, Ohio.

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

The annual income is to be used to provide scholarship support for one or more undergraduate students attending The Ohio State University. The selection of the recipient(s) will be made upon the recommendation of The Griffith Foundation for Insurance Education governing board in cooperation with the Office of Student Financial Aid.

February 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Norman R. Sleight Endowed Scholarship Fund (contd)

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for business education.

Change of Name and Description of Named Fund

**The Newton D. Baker - Baker & Hostetler
Professorship in Law**

The Newton D. Baker Memorial Fund was established February 1, 1974, by the Board of Trustees of The Ohio State University with initial gifts from John D. Drinko, LL.B. '44, of the law firm of Baker, Hostetler and Patterson, Cleveland, Ohio, and several of his friends in memory of the firm's founder, Newton D. Baker, who was also a loyal benefactor and Chairman of the Board of Trustees of The Ohio State University. On April 6, 1984, the description was amended and the name was changed to The Newton D. Baker Memorial Fund. The name and description were changed to The Newton D. Baker - Baker & Hostetler Professorship in Law, February 7, 1986.

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

The annual income is to be used to support the Newton D. Baker - Baker & Hostetler Professorship in Law. The professorship is created to recognize the work of a distinguished scholar and teacher in the College of Law. Appointment to the Newton D. Baker - Baker & Hostetler Professorship in Law will be recommended to the Provost by the Dean of the College of Law for approval by the Board. If at any time the annual income is greater than that necessary in the opinion of the Dean of the College of Law to support the professorship, or if the professorship should be vacant, the available income may, at the discretion of the Dean of the College of Law, be used to award a Newton D.

February 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change of Name and Description of Named Fund (contd)

**The Newton D. Baker - Baker & Hostetler
Professorship in Law (contd)**

Baker Scholarship to one or more students in need of financial aid, or for one or more Newton D. Baker Summer Research Fellowships for faculty members of the College of Law.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for law education.

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**EMPLOYMENT OF ARCHITECT/ENGINEER
RELOCATION OF ART LABORATORIES**

Resolution No. 86-75

Synopsis: Authorization to employ an architectural/engineering firm is proposed.

WHEREAS as a part of the West Campus Relocation Plan, the Department of Art will move the majority of the printmaking facility from Hopkins Hall to Lord Hall; and

WHEREAS the printmaking facility, containing a screen printing area, a lithography area, a relief printmaking area, an acid room, storage areas and lecture area, will be located in existing Suite 019 of Lord Hall which will be totally remodeled to accommodate the facility; and

WHEREAS \$200,000.00 will be made available from University funds for this portion of the project:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to select a qualified architectural/engineering firm for this project in

February 6 and 7, 1986 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECT/ENGINEER
RELOCATION OF ART LABORATORIES (contd)**

conjunction with the Department of Administrative Services, and that the fees for this architectural/engineering service be negotiated between the firm selected and the Department of Administrative Services, Division of Public Works.

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

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**EMPLOYMENT OF ARCHITECT/ENGINEER
PRESSEY HALL REMODELING (SPEECH AND HEARING) - PHASE I
Resolution No. 86-76**

Synopsis: Authorization to employ an architectural/engineering firm is proposed.

WHEREAS as a part of the West Campus Relocation Plan this project will remodel selected spaces in Pressey Hall to provide administrative support space, faculty and staff offices, teaching and research laboratories and a Speech-Language and Hearing Clinic for the Department of Communication, College of Social and Behavioral Sciences; and

WHEREAS \$55,000.00 will be made available from University funds for this portion of the project:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to select a qualified architectural/engineering firm for this project in conjunction with the Department of Administrative Services, and that the fees for this architectural/engineering service be negotiated between the firm selected and the Department of Administrative Services, Division of Public Works.

Upon motion of Mr. Immke, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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February 6 and 7, 1986 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
BRADFORD COMMONS REMODELING**

Resolution No. 86-77

Synopsis: Authorization to employ an architectural/engineering firm and request construction bids is proposed.

WHEREAS this project will provide for the conversion of the south portion of Bradford Commons, a former dining hall, into a black cultural center for the Office of Minority Affairs; and

WHEREAS the renovation entails the replacement of obsolete ventilating and air conditioning systems, partitioning area into appropriate office space and meeting rooms as required together with all necessary electrical work and lighting; and

WHEREAS \$298,000.00 will be made available for this project from University funds:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to select a qualified architectural/engineering firm for this project in conjunction with the Department of Administrative Services, and that the fees for this architectural/engineering service be negotiated between the firm selected and the Department of Administrative Services, Division of Public Works; and

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts with all actions to be reported to this Board at the appropriate time.

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

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REQUEST FOR DEVELOPMENT BIDS

Resolution No. 86-78

Synopsis: Authorization to request development bids for the following project is proposed.

REQUEST FOR DEVELOPMENT BIDS (contd)

WHEREAS the plans and specifications, for the following project has been completed and, at the request of the Vice President for Business and Administration, the President recommended that the Board of Trustees authorize the request for development bids for the following project:

CHILD CARE CENTER

Project: On April 5, 1985, the Board of Trustees authorized employment of an architectural/engineering firm to design plans and specifications for the construction of a new building to house the Child Care Program. Dan A. Carmichael, Architect was employed.

The University desires to proceed with this project, which will include the lease of land to a developer, construction of the facility to University specifications, and the lease-back of the facility to the University. The facility will include access roads, a playground and parking area, to be located near Buckeye Village with access from Ackerman Road.

Funding: University Funds

Estimated Project Cost: \$3,598,150.00

NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials and estimates of cost be approved, that the President and/or Vice President for Business and Administration be authorized to request development bids on this project for The Ohio State University in accordance with established University procedures, and if satisfactory bids are received to award contracts with all actions to be reported to this Board at the appropriate time.

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

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February 6 and 7, 1986 meeting, Board of Trustees

REQUEST FOR DEVELOPMENT/CONSTRUCTION BIDS

Resolution No. 86-79

Synopsis: Authorization to request development/construction bids for the following projects is proposed.

WHEREAS the plans and specifications for the following projects have been completed and, at the request of the Vice President for Business and Administration, the President recommended that the Board of Trustees authorize the request for development/construction bids for the following projects:

STORES AND RECEIVING BUILDING

Project: On March 1, 1985, the Board of Trustees authorized employment of an architectural/engineering firm to design plans and specifications for the construction of a new facility to house the University's present Stores and Receiving Department, to be located north of the existing Service Building Annex on Kenny Road. Holroyd & Meyers, architects and John Spencer & Associates, engineers were employed.

The University desires to proceed with this project, which will include the lease of land to a developer, construction of the facility to University specifications, and the lease-back of the facility to the University.

Funding: University Funds

Estimated Project Cost: \$3,500,000.00

LINCOLN TOWER - RENOVATION OF SEVENTH FLOOR

Project: Provide more efficient and functional office and space arrangement for Accounting, Accounts Payable, and Management Studies departments.

Funding: University Funds

Estimated Project Cost: \$223,000.00

February 6 and 7, 1986 meeting, Board of Trustees

REQUEST FOR DEVELOPMENT/CONSTRUCTION BIDS (contd)

LINCOLN TOWER - RENOVATION OF SEVENTH FLOOR (contd)

NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials and estimates of cost be approved, that the President and/or Vice President for Business and Administration be authorized to request development/construction bids on these projects for The Ohio State University in accordance with established University procedures, and if satisfactory bids are received to award contracts with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Barone, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 86-80

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Administration to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

EDISON WELDING INSTITUTE

Description: This project provides for the complete interior remodeling of the building, including office spaces, laboratory spaces and building support facilities, and the required site work for new utilities and services. Work is scheduled to begin in the Spring of 1986 and be completed within a year from the start of construction.

General Contract

Date Received: December 19, 1985

No. of Bids: 9

February 6 and 7, 1986 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

EDISON WELDING INSTITUTE (contd)

General Contract (contd)

Low Bid:	\$ 600,140.00*
High Bid:	\$ 757,530.00*
Estimate of Cost:	\$ 608,230.00*
Awarded to:	Paul Vlack Co., Canal Winchester, OH

HVAC Contract

Date Received:	December 19, 1985
No. of Bids:	7
Low Bid:	\$ 342,335.00*+
High Bid:	\$ 432,600.00*
Estimate of Cost:	\$ 249,490.00*
Awarded to:	Kirk Williams, Grove City, OH

Plumbing Contract

Date Received:	December 19, 1985
No. of Bids:	4
Low Bid:	\$ 99,670.00
High Bid:	\$ 132,975.00
Estimate of Cost:	\$ 143,700.00
Awarded to:	Bruner Corp., Columbus, OH

Electric Contract

Date Received:	December 19, 1985
No. of Bids:	4

*Recommended alternates reflected in these figures.

+HVAC and Electric Contracts are in excess of filed estimates of cost; however, the total price of all contracts is 5.6% over the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code.

February 6 and 7, 1986 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

EDISON WELDING INSTITUTE (contd)

Electric Contract (contd)

Low Bid:	\$ 385,750.00*+
High Bid:	\$ 538,067.00*
Estimate of Cost:	\$ 350,290.00*
Awarded to:	Buckeye Electric, Dayton, OH
Total All Contracts:	\$1,427,895.00*
Total Project Cost:	\$1,933,805.24*
Funding:	University Funds (B/A 885284)

*Recommended alternates reflected in these figures.

+HVAC and Electric Contracts are in excess of filed estimates of cost; however, the total price of all contracts is 5.6% over the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code.

TUNNEL SYSTEM RENOVATION

Description: This project provides for the repair of the tunnel system which runs north from Woody Hayes Drive, west of Fyffe Road, to the south entrance of Vivian Hall. The work will include the removal and rebuilding of the tunnel ceiling, repairs to pipe support stanchions and repairs to walls and floors as required. Construction is scheduled to begin after April 15, 1986, and is expected to be completed within ten weeks of that date.

General Contract

Date Received:	November 19, 1985
No. of Bids:	5
Low Bid:	\$ 76,500.00
High Bid:	\$ 119,590.00
Estimate of Cost:	\$ 124,000.00
Awarded to:	Righter Co., Columbus, OH

February 6 and 7, 1986 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

TUNNEL SYSTEM RENOVATION (contd)

Total All Contracts:	\$ 76,500.00
Total Contingency Allowance:	\$ 6,150.44 (which is 8% of construction costs)
Total Project Cost:	\$ 99,100.00
Funding:	H.B. 798 (U & R)

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

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

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**SALE OF THE MOORES DEMONSTRATION FARM
ASHLAND COUNTY, OHIO**

Resolution No. 86-81

Synopsis: Sale of the Ernest Q. Moores Demonstration Farm (approximately 295 acres) in Ashland County, Ohio, is proposed.

WHEREAS in 1964 the Board of Trustees of The Ohio State University acquired by gift from Florence O. Wilson a dairy farm of approximately 182 acres, known as the Ernest Q. Moores Demonstration Farm, and in 1974 acquired the adjoining 120 acres by purchase from funds donated by Ms. Wilson; and

WHEREAS under the administration of the College of Agriculture, the Moores Farm has been operated continuously and successfully over the last 21 years to demonstrate improved production and management practices in the operation of a small dairy farm, and the Moores Farm currently is operated by a tenant through a lease arrangement; and

WHEREAS the College of Agriculture has determined that the operation of this dairy demonstration farm no longer is required in support of the academic programs of the College and that the farm should be sold with the net proceeds to be

February 6 and 7, 1986 meeting, Board of Trustees

**SALE OF THE MOORES DEMONSTRATION FARM
ASHLAND COUNTY, OHIO (contd)**

used to establish the Ernest Q. Moores Agricultural Fund, the income of which would be used to support the instructional, research, and public service programs of the College; and

WHEREAS on November 1, 1985, the Board of Trustees authorized the sale of approximately 6.6 acres of the Moores Farm; and

WHEREAS the University has received an offer from the current tenants, Mr. and Mrs. Douglas Blair of Jeromesville, Ohio, to purchase the remainder of the Moores Farm, including associated chattel, for a total price of \$261,000.00; and

WHEREAS the appropriate University offices have determined that the sale of the Moores Demonstration Farm is in the best interest of the University:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sell, in the name of the Board of Trustees, all of the University's right, title, and interest in and to the remaining approximately 295 acres of the Moores Farm and the associated chattel to Mr. and Mrs. Douglas Blair at a total price of \$261,000.00 upon such terms and conditions as are deemed to be in the best interest of the University, and that the net proceeds be used to support the Ernest Q. Moores Agricultural Fund to support the College of Agriculture.

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

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**PURCHASE OF REAL PROPERTY
228-230 AND 234 WEST TENTH AVENUE
COLUMBUS, OHIO**

Resolution No. 86-82

Synopsis: Purchase of real property at 228-230 and 234 West Tenth Avenue in Columbus, Ohio, is proposed.

WHEREAS The Ohio State University has been presented with an opportunity to purchase two adjoining lots comprising 0.33

February 6 and 7, 1986 meeting, Board of Trustees

**PURCHASE OF REAL PROPERTY
228-230 AND 234 WEST TENTH AVENUE
COLUMBUS, OHIO (contd)**

acres at 228-230 and 234 West Tenth Avenue in Columbus, Ohio; and

WHEREAS this property has an appraised value of \$122,000.00, and the owner, Mr. Paul Richard Brooks, of Westlake, Ohio, has offered to sell the property to the University at a price of \$125,000.00; and

WHEREAS this property is located within the south campus acquisition boundary of the University's Master Plan, and the acquisition of this property will enable the University to improve access to the Eleventh Avenue Parking Ramp and provide additional parking in the south campus area; and

WHEREAS the appropriate University officers have determined that the purchase of this property is in the best interest of the University; and

WHEREAS funds for the purchase of this property will be provided from University funds resulting from the previous sale of south campus properties outside the acquisition boundary:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to take such action necessary to purchase, in the name of the State of Ohio for the use of The Ohio State University, the real property located at 228-230 and 234 West Tenth Avenue at a price not to exceed \$125,000.00 and upon such terms and conditions as are deemed to be in the best interest of the University, subject to the University receiving the necessary approvals from The Ohio Board of Regents and the State Controlling Board.

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

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**EASEMENT
FIESTA SALONS, INC.**

Resolution No. 86-83

Synopsis: Authorization to grant an easement to Fiesta Salons, Inc., for construction of a storm drainage ditch is requested.

February 6 and 7, 1986 meeting, Board of Trustees

**EASEMENT
FIESTA SALONS, INC. (contd)**

WHEREAS Fiesta Salons, Inc., has requested a 25-year easement consisting of two strips of land, one being 80 feet wide and 630 feet in length and the other being 60 feet wide and 50 feet in length, for the installation of a storm drainage ditch on property at the University Airport adjacent to property owned by Fiesta at 2755 West Dublin-Granville Road; and

WHEREAS the storm drainage ditch will be beneficial to the University by improving the flow of run-off water in that area and will not interfere with the University's use of the property; and

WHEREAS Fiesta, in exchange for the right to construct the storm drainage ditch on the University's property, has agreed to provide an avigation and hazard easement over its property to provide protection for the approach area to the University Airport; and

WHEREAS the appropriate University offices have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement and to accept the proposed avigation easement from Fiesta Salons, Inc.

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

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**EASEMENT
CITY OF COLUMBUS**

Resolution No. 86-84

Synopsis: Authorization to grant an easement to the City of Columbus for installation of sanitary sewer lines is requested.

WHEREAS the City of Columbus has requested a 15-year easement consisting of a 20 foot wide strip of land 1000 feet

February 6 and 7, 1986 meeting, Board of Trustees

**EASEMENT
CITY OF COLUMBUS (contd)**

in length for the installation of sanitary sewer lines along the south edge of State Route 161; and

WHEREAS the sanitary sewer will serve only University property; and

WHEREAS the appropriate University offices have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

Upon motion of Mr. Teaford, seconded by Mrs. Bowser, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**EASEMENT
COLUMBUS AND SOUTHERN OHIO ELECTRIC COMPANY
Resolution No. 86-85**

Synopsis: Authorization to grant an easement to the Columbus and Southern Ohio Electric Company for installation of electric service is requested.

WHEREAS the Columbus and Southern Ohio Electric Company has requested a 15-year easement consisting of a strip of land 10 feet in width and 181 feet in length for the installation of underground electric service at 2088 Case Road; and

WHEREAS the electric service will serve only University property; and

WHEREAS the appropriate University offices have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties,

February 6 and 7, 1986 meeting, Board of Trustees

**EASEMENT
COLUMBUS AND SOUTHERN OHIO ELECTRIC COMPANY (contd)**

to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

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

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**EASEMENT
COLUMBUS AND SOUTHERN OHIO ELECTRIC COMPANY
Resolution No. 86-86**

Synopsis: Authorization to grant an easement to the Columbus and Southern Ohio Electric Company for installation of electric service is requested.

WHEREAS the Columbus and Southern Ohio Electric Company has requested a 15-year easement consisting of a strip of land 10 feet in width for the installation of underground electric service at 2160 Case Road; and

WHEREAS the electric service will serve only University property; and

WHEREAS the appropriate University offices have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

Upon motion of Mr. Teaforde, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**EASEMENT
COLUMBUS AND SOUTHERN OHIO ELECTRIC COMPANY
Resolution No. 86-87**

Synopsis: Authorization to grant an easement to the Columbus and Southern Ohio Electric Company is requested.

February 6 and 7, 1986 meeting, Board of Trustees

EASEMENT
COLUMBUS AND SOUTHERN OHIO ELECTRIC COMPANY (contd)

WHEREAS the Columbus and Southern Ohio Electric Company has requested a 15-year easement consisting of 100 feet of overhead electrical service to the property adjacent to and west of Beightler Armory located at 2825 West Dublin-Granville Road; and

WHEREAS the electric service will serve both University property and others for which the University will receive a consideration of \$200; and

WHEREAS the appropriate University offices have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

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

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RATIFICATION AND CONFIRMATION OF CERTAIN CHANGES
ON THE GENERAL RECEIPTS BONDS, SERIES 1985 B RESOLUTION
Resolution No. 86-88

Synopsis: Ratification and confirmation of certain changes in Resolution No. 86-65 of the Board of Trustees of The Ohio State University, adopted by the Board of Trustees on December 6, 1985, such resolution authorizing the issuance and sale of the \$42,500,000 The Ohio State University Variable Rate Demand General Receipts Bonds, Series 1985 B, is proposed.

WHEREAS on December 6, 1985, the Board of Trustees (the "Board") of The Ohio State University (the "University") adopted Resolution No. 86-65 (the "Bond Resolution") which authorized the issuance and sale of \$42,500,000 The Ohio State University Variable Rate Demand General Receipts Bonds, Series 1985 B for the purpose of paying or reimbursing the costs of the Project (as defined in the Bond Resolution), funding the Bond Reserve Fund (as defined in the Bond Resolution) and paying the costs and expenses associated with the issuance of the Series 1985 B Bonds; and

February 6 and 7, 1986 meeting, Board of Trustees

**RATIFICATION AND CONFIRMATION OF CERTAIN CHANGES ON
THE GENERAL RECEIPTS BONDS, SERIES 1985 B RESOLUTION (contd)**

WHEREAS Section 9 of the Bond Resolution authorizes, subject to the approval of the Chairman of the Board, the President of the University, the Secretary of the Board or the Treasurer (as defined in the Bond Resolution), and subject to the approval of Bond Counsel, certain changes to the text of the Bond Resolution subsequent to December 6, 1985, for the purpose of curing any ambiguity, inconsistency or formal defect or omission in the Bond Resolution or in respect of the Bond Resolution as it relates to the Indenture, the First Supplemental Indenture, the Certificate of Award, the Form of Bond, the Offering Memorandum, the Remarketing Agreement, the Letter of Credit Agreement, or the Series 1985 B Credit Support Instrument (all such terms as defined in the Bond Resolution); and

WHEREAS pursuant to Section 9 of the Bond Resolution, certain changes have been made in the text of the Bond Resolution, including, but not limited to, changes relating to the Series 1985 B Credit Support Instrument, also referred to as the Standby Bond Purchase and Term Loan Agreement, dated as of December 30, 1985 (the "Standby Agreement"), between the University and The Industrial Bank of Japan, Limited, New York Branch (the "Bank"), all such changes indicated in a marked copy of the Bond Resolution submitted to this Board and on file with the Secretary of the Board (the "Secretary"); and

WHEREAS the Treasurer, as set forth in the Certificate of the Secretary submitted to this Board and on file with the Secretary, has approved the changes to the text of the Bond Resolution; and

WHEREAS Vorys, Sater, Seymour and Pease, Bond Counsel, as set forth in a letter submitted to the Board and on file with the Secretary, has found the changes to the text of the Bond Resolution to be acceptable:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees hereby ratifies and confirms the changes in the Bond Resolution marked in Exhibit A and certifies that the attached Exhibit A is a true and exact copy of Resolution No. 86-65, as it will be entered on the records of this Board.

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

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February 6 and 7, 1986 meeting, Board of Trustees

**QUARTERLY REPORT -
WAIVERS OF COMPETITIVE BIDDING REQUIREMENTS**
Resolution No. 86-89

RESOLVED, That the quarterly report on the Waivers of Competitive Bidding Requirements, dated July through December 1985, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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REPORT - UNIVERSITY DEVELOPMENT FUND
Resolution No. 86-90

RESOLVED, That the report on the University's Campaign as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO
Resolution No. 86-91

RESOLVED, That the report on the University's Investment Portfolio, dated January 17, 1986, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Thursday, March 6, 1986, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 6:30 p.m.

Attest:

Madison H. Scott
Secretary

John F. Havens
Chairman

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND TWO HUNDRED AND EIGHTEENTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, March 6 and 7, 1986

The Board of Trustees met at its regular monthly meeting on Thursday, March 6, and Friday, March 7, 1986, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

* * *

Minutes of the last meeting were approved.

* * *

March 6 and 7, 1986 meeting, Board of Trustees

The Chairman, Mr. Havens, called the meeting of the Board of Trustees to order on March 6, 1986, at 6:30 p.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: John F. Havens, Chairman, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, and Hamilton J. Teaford.

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Mr. Havens reconvened the meeting on March 7, 1986, at 9:30 a.m.

Present: John F. Havens, Chairman, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, and Hamilton J. Teaford.

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NAMING OF CENTER

Resolution No. 86-92

Synopsis: Naming of the Dairy Research Center at the Ohio Agricultural Research and Development Center is proposed.

WHEREAS pursuant to authority of this Board in naming of all buildings and structures at The Ohio State University as set forth in paragraph (G) of rule 3335-1-08 of the Administrative Code; and

WHEREAS the President recommended, with the concurrence of the President's Staff, that the Dairy Research Center at the Ohio Agricultural Research and Development Center in Wooster, Ohio, be named the William E. Krauss Dairy Research Center to honor Dr. William E. Krauss, former Associate Director of the Ohio Agricultural Research and Development Center.

NOW THEREFORE

BE IT RESOLVED, That the above specified center be named the William E. Krauss Dairy Research Center.

Upon motion of Mr. Immke, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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March 6 and 7, 1986 meeting, Board of Trustees

TRANSFER OF DEPARTMENT

Resolution No. 86-93

Synopsis: Transfer of the Department of Photography and Cinema from the College of Engineering to the College of The Arts is proposed.

WHEREAS the transfer of the Department of Photography and Cinema to the College of The Arts, from the College of Engineering, was recommended by an external review committee, and by a special faculty panel appointed by former Provost Haenicke; and

WHEREAS the Dean of the College of Engineering and the Dean of the College of The Arts endorse the administrative transfer of the Department; and

WHEREAS the faculty of the Department of Photography and Cinema unanimously support said transfer; and

WHEREAS the Council on Academic Affairs voted unanimously to support the transfer; and

WHEREAS no change will occur in terms of faculty rank, status, salary and the tenure initiating unit; or in terms of space, equipment, general departmental support and budget; and

WHEREAS the Department of Photography and Cinema has shifted from a technically based discipline to an arts based discipline; and

WHEREAS the degrees offered by the Department of Photography and Cinema have been administered through the Colleges of the Arts and Sciences, and the College of The Arts and the Graduate School since 1976:

NOW THEREFORE

BE IT RESOLVED, That the University Senate approved the transfer of the Department of Photography and Cinema to the College of The Arts from the College of Engineering, and respectfully request concurrence by the Board of Trustees.

Upon motion of Mr. Immke, seconded by Mr. Teafor, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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March 6 and 7, 1986 meeting, Board of Trustees

RENAMING OF DEGREE

Resolution No. 86-94

Synopsis: Renaming of the tagged degree Bachelor of Science in Social Welfare, the Bachelor of Science in Social Work is proposed.

WHEREAS the faculty members of the College of Social Work fully support renaming the tagged degree, Bachelor of Science in Social Welfare, the Bachelor of Science in Social Work; and

WHEREAS the name Bachelor of Science in Social Work more accurately identifies this program as a professional degree program; and

WHEREAS the program has been fully accredited as a professional degree program since 1974 by the Council on Social Work Education:

NOW THEREFORE

BE IT RESOLVED, That the University Senate approved the renaming of the tagged degree Bachelor of Science in Social Welfare, the Bachelor of Science in Social Work, and respectfully request concurrence by the Board of Trustees.

Upon motion of Mr. Berry, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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DISTINGUISHED SERVICE AWARDS

Resolution No. 86-95

Synopsis: Recommendation for six individuals to receive Distinguished Service Awards is proposed.

WHEREAS the President's Staff, serving as a Committee on Distinguished Service Awards, has nominated and recommended six individuals for approval by the Board of Trustees to receive the Distinguished Service Award at a time convenient to the University and the recipients:

Arthur E. Adams
Richard P. Anderson
Virginia S. Conn
Paul G. Craig
Weldon A. Kefauver
Arthur E. Shepard

March 6 and 7, 1986 meeting, Board of Trustees

DISTINGUISHED SERVICE AWARDS (contd)

and

WHEREAS these awards are given in recognition of distinguished service to The Ohio State University and the awards are in accordance with action taken by the Board of Trustees in 1952:

NOW THEREFORE

BE IT RESOLVED, That the Distinguished Service Awards be approved for awarding as designated above.

Upon motion of Mr. Immke, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution with five affirmative votes cast by Messrs. Havens, Galbreath, Redman, Immke, and Berry, and an abstention by Mr. Teaford.

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DEGREES AND CERTIFICATES - WINTER QUARTER COMMENCEMENT

Resolution No. 86-96

Synopsis: Approval is being requested for awarding degrees and certificates for Winter Quarter Commencement.

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit, in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees the names of persons who have completed degree and certificate requirements:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on March 21, 1986, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools, and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Mr. Galbreath, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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March 6 and 7, 1986 meeting, Board of Trustees

PERSONNEL ACTIONS

Resolution No. 86-97

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the February 7, 1986 meeting of the Board, including the following Reappointment of Principal Administrative Official, Appointment of Chairpersons of Department and Division and Director of Center, Leaves of Absence Without Salary, Professional Improvement Leave--Cancellation, and Emeritus Titles as detailed in the University Budget be approved.

Reappointment of Principal Administrative Official

MANUEL TZAGOURNIS, Dean of the College of Medicine, effective July 1, 1986 through June 30, 1991, pursuant to rule 3335-3-17 of the Administrative Code.

Appointment of Chairpersons of Department and Division and Director of Center

January 1, 1986 through December 31, 1986

Center for Women's Studies Judith S. Mayne*

February 1, 1986 through January 31, 1990

Hospital and Health Services
Administration Stephen F. Loebbs

April 1, 1986 through March 31, 1990

Communication Brenda L. Dervin

*Acting Director

Leaves of Absence Without Salary

EDMUND D. LOWNEY, Professor, Department of Medicine, effective May 1, 1986, indefinitely, for medical reasons.

WILLIAM M. SUMNER, Professor, Department of Anthropology, effective Spring Quarter 1986, to accept a visiting professorship at the University of Pennsylvania.

TERRI D. FISHER, Assistant Professor, Department of Psychology, Mansfield Campus, effective March 1, 1986 through March 28, 1986, for medical reasons.

March 6 and 7, 1986 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leave--Cancellation

TIMOTHY R. DONOGHUE, Professor, Department of Physics, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

Emeritus Titles

THOMAS B. SMITH, Department of Physical Facilities, with the title Associate Vice President Emeritus, effective March 1, 1986.

HERBERT M. BARNES, Department of Animal Science, with the title Associate Professor Emeritus, effective April 1, 1986.

HARRY J. KEYS, Department of Obstetrics and Gynecology, with the title Clinical Assistant Professor Emeritus, effective July 1, 1985.

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

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RESOLUTIONS IN MEMORIAM

Resolution No. 86-98

Synopsis: Resolutions honoring the service of five of the University's faculty members who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

William C. Kleman

The Board of Trustees of The Ohio State University expresses its sorrow at the death on February 5, 1986, of William C. Kleman, Associate Professor of the Cooperative Extension Service.

Mr. Kleman was born March 9, 1934, in Ottawa, Ohio. He attended Kalida Local High School and graduated in 1952. He received his Bachelor of Science degree from The Ohio State University in Agricultural Education in 1956. He later received a master's degree in Agricultural Education in 1968.

March 6 and 7, 1986 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

William C. Kleman (contd)

Mr. Kleman began his Extension experience in Ottawa County as an Associate County Extension Agent working with 4-H clubs. He was later appointed Crawford County Extension Agent, 4-H in September 1960. He served in this position until June 1962, when he became County Agricultural Agent in Crawford County. Mr. Kleman continued in this position until his death.

Mr. Kleman was a member of Epsilon Sigma Phi, Ohio County Extension Agents' Association, Ohio 4-H Foundation, and won numerous national awards. He was a member of the Army Reserves for several years. Mr. Kleman was respected throughout the state and county as he worked to provide excellent Extension educational programs for the citizens in his county and surrounding regions.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Kleman its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family, the University, his many friends and associates have sustained.

George I. Nelson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 30, 1986, of George I. Nelson, Professor Emeritus in the Department of Medicine.

Iowa-born and educated, Dr. Nelson joined The Ohio State University medical faculty in the early '20's. In the mid-'20's, he and associates in the old Starling-Loving Hospital assembled and installed the area's first electrocardiogram machine.

Decades later, Mt. Carmel Hospital honored him for that and other achievements by dedicating its cardiology laboratory in his name. He also received a distinguished teaching award from University Hospitals.

During his long career as medical educator, researcher and physician, Dr. Nelson also served as president of the Central Ohio Chapter of the American Heart Association and of the Columbus and Franklin County Academy of Medicine. He retired from The Ohio State University faculty in 1968 and from private practice in 1979.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be

March 6 and 7, 1986 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

George I. Nelson (contd)

inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Merwin E. Potter

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 5, 1986, of Merwin E. Potter, Assistant Dean Emeritus in the College of Administrative Science.

Dean Potter was born on March 8, 1903, in Fullerton, Nebraska, and grew up in Serena, Illinois. He received a bachelor's degree from the University of Illinois in 1926 and a master's degree from the University of Kentucky in 1930. While at the University of Kentucky, he was Chairman of the Department of Physical Education.

In 1943, Dean Potter joined the U. S. Air Force. He was Commandant of the Air Force ROTC at Ohio State from 1950-54. He retired from the Air Force in 1956 with the rank of Colonel.

Dean Potter returned to Ohio State in 1956 as Assistant Dean of the then College of Commerce and Administration, serving in that role until his retirement in 1969. Active in University affairs, Dean Potter was President of the Faculty Club from 1965-66.

Dean Potter was admired and respected by the students of the College as a mentor, counselor and advocate. His insistence on academic excellence was a concomitant of his high concern for the intellectual, emotional and physical well-being of the literally thousands of students he served during his tenure.

Dean Potter is remembered by his many friends as an avid sportsman and for his extensive collection of duck decoys. He was a member of the Ohio Decoy Collectors and Carvers Association.

On behalf of the University community, the Board of Trustees expresses to the family of Merwin Potter its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

March 6 and 7, 1986 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Evelyn A. Rupert

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 22, 1986, of Evelyn A. Rupert, Professor Emeritus in the School of Health, Physical Education and Recreation.

Miss Rupert was a native of Pennsylvania and completed her high school education in Vandergrift. She attended The Ohio State University and earned a B.S. in Education in 1935 and a M.A. in 1937. Her areas of concentration were physical education and health education.

From 1936-39, Miss Rupert was an Instructor of Physical Education and Director of Women's Intramural Activities at Western Washington College, Bellingham, Washington. In 1939, she returned to her alma mater as an Assistant Professor of Education in the University School.

Evelyn Rupert became a member of the Women's Division, Department of Physical Education, in 1943; from 1962-71, she was the Assistant Chair of the Division. From 1975-81, she served as Assistant Director of the School of Health, Physical Education and Recreation. She retired from the University in 1983.

Holding membership in many professional associations, Miss Rupert served as president of the Women's Physical Education Section - Ohio College Association during 1960-62. She was active in the Division of Girls' and Women's Sports of the American Association of Health, Physical Education, and Recreation; she was a contributor to its Individual Sports Guide in the fields of golf, archery, and softball as well as chairing two of its activity sections.

For five years, 1944-49, she was a member of The Ohio State University Women's Intercollegiate Golf Committee; this group conducted the first intercollegiate golf competition for university women in the United States.

Evelyn Rupert was a self-effacing professional who received genuine pleasure in teaching the golf novice and assisting the young instructor. A warm and caring woman, her advice was sought by students, teaching assistants, and faculty members alike. The thorough, organized and diligent manner in which she completed her variety of responsibilities was exemplary. Her loyalty and commitment to The Ohio State University was reflected in her 44 years of dedicated concern.

RESOLUTIONS IN MEMORIAM (contd)

Evelyn A. Rupert (contd)

On behalf of the University, the Board of Trustees expresses its sorrow upon the death of Evelyn A. Rupert, of Frederick H. Shillito, Professor Emeritus in the Department of Preventive Medicine.

Frederick H. Shillito

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 26, 1985, of Frederick H. Shillito, Professor Emeritus in the Department of Preventive Medicine.

Frederick H. Shillito was born in Kalamazoo, Michigan, on June 5, 1905. His father was a general practitioner in Kalamazoo and his uncles had founded the Shillito Clinic in Battle Creek. He graduated with distinction from the University of Michigan in 1927 and received his M.D. degree from Harvard in 1931. He served his residency at the Peter Bent Brigham Hospital in Boston, and then joined the staff of the Presbyterian Hospital in New York and the School of Public Health at Columbia University, where he served for twenty-five years. Dr. Shillito also had a distinguished career in aerospace and industrial medicine, serving as Medical Director of the Atlantic Division of Pan American Airways and Medical Director of the American Can Corporation. He returned to Michigan in 1958 as Associate Professor of Internal Medicine and Industrial Medicine. In 1961, he joined the faculty of The Ohio State University as Professor of Preventive Medicine and Internal Medicine. Dr. Shillito continued to serve at The Ohio State University until his retirement in 1971.

Dr. Shillito was a Fellow of the American College of Physicians, the American College of Preventive Medicine and the Aerospace Medical Association. He was one of the founders of the Airlines Medical Directors' Association. His major research contributions were in the study of tolerance to altitude in chronic disease states and the after-effects of severe hypoxia. He was one of the early participants in the field of aerospace medicine and had a hand in training many of the physicians associated with the space program in the United States. Despite his heavy administrative duties, Dr. Shillito continued his research and publication at The Ohio State University and was a major contributor to the growing science of aerospace medicine.

March 6 and 7, 1986 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Frederick H. Shillito (contd)

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

Upon motion of Mr. Teaford, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 86-99

Synopsis: The reports on contracts, grants, and gifts and the summary for January 1986 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station and The Ohio State University Development Fund during the month of January 1986 be approved.

Upon motion of Mr. Immke, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

March 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR JANUARY 1986

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	89	\$13,328,584.41
Engineering Experiment Station	43	\$ 394,212.00
Total		\$13,722,796.41

The Ohio State University Development Fund

Establishment of Named Funds

The John Deaver Drinko - Baker & Hostetler Chair in Law (Salary and program support in Law)	\$386,200.00
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Forbes Estate Endowment for the Secrest Arboretum with Special Considerations for the Garden of Roses of Legend and Romance (Rose garden enhancements and research)	\$100,000.00
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The Everett D. Reese Biomedical Research Fund (Research in immunological sciences)	\$ 60,412.50
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College of Mathematical and Physical Sciences Excellence Endowment Fund (Matching funds - chairs/professorships)	\$ 25,000.00
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The Harold F. Mathis Memorial Scholarship Fund in Electrical Engineering (Scholarships)	\$ 15,000.00
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The Frank Batley Memorial Fund (Lectures on radiation oncology/therapy)	\$ 10,215.50
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Donald C. Chapman Cancer Research Endowment Fund (Support cancer research)	\$ 10,000.00
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The Goldthwait Geology Fund (Scholarships)	\$ 10,000.00
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The Gordon Grigsby Poetry Fund (Honoraria - visiting writers/poets)	\$ 10,000.00
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Lois M. Jones Fellowship Fund (Fellowships in geological sciences)	\$ 6,000.00
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March 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR JANUARY 1986 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

The Lou Berliner Scholarship Fund (Scholarships)	\$ 5,000.00
Hugh H. and Helen C. Evans Medical Scholarship Fund (Scholarships - College of Medicine)	\$ 5,000.00
The R. Bruce Hohn Residency in Small Animal Veterinary Surgery (Support for residency)	\$ 5,000.00
Daniel Hughes Memorial Fund (Awards - Department of Anthropology)	\$ 5,000.00
The Dr. William E. Hunt Fund in Neurosurgery (Support - Division of Neurosurgery)	\$ 5,000.00
The Anita R. McCormick Endowment Fund (Support for graduate students in the College of Home Economics)	\$ 5,000.00

Report from Presidents Club

Members to date	5,180
1985-86 members: fiscal year to date	102
New members - January 1986	10

New Presidents Club Members - January 1986

George W. Bishop
Peter T. Borghi
Nancy Chiles
Robert D. DiGeronimo
William T. Lawhon
James F. Patterson
Donald L. Riley
Ray S. Wheasler, III

Cordage of Columbus
Murfin Company

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY
OFFICE OF UNIVERSITY DEVELOPMENTJuly through December
1984-85 compared to 1985-86CONTRIBUTIONS BY DONOR TYPE

	Donors			Dollars		
	July through December			July through December		
	<u>1984-85</u>	<u>1985-86</u>	<u>% Change</u>	<u>1984-85</u>	<u>1985-86</u>	<u>% Change</u>
Alumni	32,477	28,784	(11)	\$ 5,078,321	\$ 5,469,952	8
Non-Alumni	19,721	13,621	(31)	2,598,397	3,439,296	32
Corporations	1,109	905	(18)	4,505,872	3,471,734	(23)
Corporate Foundations	195	178	(9)	1,099,416	832,226	(24)
Private Foundations	77	80	4	754,405	2,232,518	196
Other	<u>396</u>	<u>340</u>	(14)	<u>791,349</u>	<u>794,999</u>	1
TOTAL	53,975	43,908	(19)	\$14,827,760	\$16,240,725	10

The Ohio State University Campaign
Progress Report
Through December 31, 1985

	<u>*Campaign Expectancies</u>	<u>Current Year Campaign Receipts (July-Dec. 1985)</u>	<u>Previous Years Campaign Receipts (As of June 30, 1985)</u>	<u>Total</u>	<u>Campaign Goal</u>	<u>% Achieved</u>
Alumni	\$52,129,506	\$ 5,469,952	\$1,308,238	\$ 58,907,696	\$122,500,000	48
Friends	25,247,711	3,439,296	4,126,814	32,813,821	70,000,000	47
Corporations	4,511,362	5,098,959	2,133,306	11,743,627	122,500,000	10
Foundations	<u>1,474,250</u>	<u>2,232,518</u>	<u>226,363</u>	<u>3,933,131</u>	<u>35,000,000</u>	11
Total	\$83,362,829	\$16,240,725	\$7,794,721	\$107,398,275	\$350,000,000	31

*Defined as pledges and deferred commitments less payments already received.

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (cont'd)

THE OHIO STATE UNIVERSITY
OFFICE OF UNIVERSITY DEVELOPMENT
CONTRIBUTIONS BY GIFT TYPE/COLLEGE UNIT

July 1, 1985 - December 31, 1985

College/Unit	Regular Gifts Cash/Check	Securities	Total Cash, Sec. 1985-86	Total Cash, Sec. Same Period 1984-85	Gift-in- Kind	Irrevocable Deferred Gift Agreements	Insur. Gift Credit	Grand Total 1985-86	Grand Total Same Period 1984-85	% Change
Adm. Science	\$ 1,014,153	\$ 55,986	\$ 1,070,139	\$ 607,549				\$ 1,070,139	\$ 507,610	111
Agriculture	971,151	2,263	973,414	959,437	270,128			1,243,542	981,801	26
Arts	106,701	2,000	108,701	76,802	21,444			130,145	108,390	20
Biological Sci.	87,563	123,025	210,588	83,252	10,000			220,588	98,846	123
Dentistry	143,894	2,485	146,379	139,377				146,379	145,377	1
Education	133,224	1,703	134,927	193,694				134,927	193,694	(30)
Engineering	1,362,507	56,560	1,419,067	1,958,377	94,699			1,513,766	3,965,235	(62)
Home Economics	157,680	10,996	168,676	93,532	323,532			492,208	114,172	331
Humanities	241,828	1,647	243,475	174,641				243,475	174,641	39
Law	524,175	142,073	666,248	253,983				666,248	254,223	162
Math & Phys. Sci.	422,113	1,333	423,446	349,313				423,446	359,253	18
Medicine	2,639,657	90,045	2,729,702	2,444,413	8,615			2,738,317	4,028,415	(32)
Nursing	53,143	2,072	55,215	34,058	12,280			67,495	34,058	98
Optometry	169,910	77,875	247,785	98,661	5,795			253,580	98,661	157
Pharmacy	330,022	1,089	331,111	199,786				331,111	239,786	38
Soc. & Behav. Sci.	101,827	8,300	110,127	92,016				110,127	92,401	19
Social Work	18,661		18,661	27,106				18,661	27,106	(31)
Veterinary Med.	443,381	100	443,481	361,803				443,481	386,803	15
Lima Campus	40,626		40,626	24,561	52			40,678	24,561	66
Mansfield Campus	22,344		22,344	30,760				22,344	32,870	(32)
Marion Campus	68,578	99,411	167,989	9,378				167,989	9,378	1,691
Newark Campus	140		140	25,420				140	25,420	(99)
Athletics	806,527	223,545	1,030,072	517,522	56,522			1,086,594	528,641	106
Libraries	50,698		50,698	41,852	51,933			102,631	50,040	105
WDSU	779,222	1,857	781,079	1,078,540				781,079	1,082,640	(28)
Other Restricted	2,429,511	167,160	2,596,671	812,414	60,653		235,404	2,892,728	1,051,313	175
Unrestricted Univ.	293,733	605,174	898,907	188,425				898,907	210,425	327
	\$13,412,969	\$1,676,699	\$15,089,668	\$10,768,672	\$915,653	\$ 0	\$235,404	\$16,240,725	\$14,827,760	10

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - January 1986

Federal Research Contracts/Grants

\$5,400,000.00 - Department of Education, Washington, DC, The National Center for Research in Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 16 January 1986 through 15 January 1987. (Project 765190 - Continuation)

\$1,610,000.00 - Department of Energy, Argonne, IL, High Energy Physics, Department of Physics (T. A. Romanowski, T.Y. Ling, W. F. Palmer, K. Tanaka, K. D. Lane, S. S. Pinsky, W. W. Wada, N. W. Reay, K. Reibel, N. R. Stanton, H. P. Kagan and R. D. Kass), 1 January 1986 through 31 December 1986. (Project 762116 - Continuation)

\$1,137,383.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, General Clinical Research Center, College of Medicine - Administration (M. Tzagournis) and Department of Medicine (W. C. Malarkey), 1 December 1985 through 30 November 1986. (Project 761196 - Continuation)

\$389,999.00 - International Development Cooperation Agency, Agency for International Development, Washington, DC, Rural Savings Mobilization in the Dominican Republic, Department of Agricultural Economics and Rural Sociology (C. Gonzalez-Vega), 1 October 1985 through 31 December 1986. (Project 763301 - Continuation)

\$310,899.00 - Department of Education, Office of Research and Improvement, Washington, DC, Operation of an Educational Resources Information Center (ERIC) Clearinghouse on Science, Mathematics and Education, Department of Educational Theory and Practice (R. W. Howe), 1 January 1986 through 31 December 1986. (Project 765194 - Continuation)

\$285,061.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Southwest Oncology Group, Department of Medicine (S. P. Balcerzak), Department of Surgery (W. B. Farrar), Department of Pathology (K. Clausen) and Department of Radiology (R. Gahbauer), 1 January 1986 through 31 December 1986. (Project 761094 - Continuation)

\$260,298.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Development of Animal Models Infected with

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

Retroviruses for Testing of Antiviral Agents, Department of Veterinary Pathobiology (L. E. Mathes, R. G. Olsen and M. J. Tarr), 16 December 1985 through 15 December 1990. (Project 765188 - New)

\$234,000.00- Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Single Crystal X-Ray Diffraction Facility, Department of Chemistry (L. A. Paquette), 1 February 1986 through 31 January 1987. (Project 765200 - New)

\$165,500.00 - Department of the Navy, Office of Naval Research, Arlington, VA, Studies of the Nonlinear Dynamics of Fluid System, Department of Physics (C. D. Andereck), 1 December 1985 through 30 November 1988. (Project 765156 - New)

\$157,674.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Aging Bladder - Autonomic Sensitivity Changes/Mechanisms, College of Pharmacy (M. C. Gerald), 1 January 1986 through 31 December 1986. (Project 763937 - Continuation)

\$153,087.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Biochemical Mechanisms of Nitrosamine Carcinogenesis, Department of Chemistry (H. G. Floss), 1 January 1986 through 31 December 1986. (Project 764242 - Continuation)

\$135,000.00 - Department of the Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, OH, Modeling and Analysis of Polarization Effects in Coherent Radar, Department of Electrical Engineering, ElectroScience Laboratory (R. J. Marhefka), 1 October 1985 through 30 September 1986. (Project 765044 - Continuation)

\$131,412.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Comparative Studies in Perinatal Toxicology, Department of Veterinary Physiology and Pharmacology (D. R. Davis), 1 December 1985 through 30 November 1986. (Project 762962 - Continuation)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$120,526.00 - Environmental Protection Agency, Washington, DC, Another Mechanisms for the Oxygenation of Environmental Genotoxic PAH Compounds to Human Carcinogens: In Vitro Transformation in Human Cells, College of Pharmacy (D. T. Witiak), 2 January 1985 through 1 January 1987. (Project 764536 - Continuation)

\$109,309.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Solution Structure of Ribosomal 5S RNA and 5 8S RNA, Department of Chemistry, Department of Biochemistry and Chemistry Instrument Center (A. G. Marshall), 1 January 1986 through 31 December 1986. (Project 762523 - Continuation)

\$107,148.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Regulation of Gene Expression in Neurospora, Department of Biochemistry (G. A. Marzluf), 1 January 1986 through 31 December 1986. (Project 760578 - Continuation)

\$102,312.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Effect of Aging and GI Disease on Digoxin Metabolism, College of Pharmacy (R. H. Reuning), 1 January 1986 through 31 December 1986. (Project 763950 - Continuation)

\$100,760.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Deoxyuridine Metabolism in Herpes Labialis, Department of Medical Microbiology and Immunology (M. V. Williams), 1 March 1986 through 28 February 1987. (Project 764006 - Continuation)

\$100,000.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, OH, Optical Scattering Studies, Department of Electrical Engineering, ElectroScience Laboratory (S. A. Collins), 1 October 1985 through 30 September 1986. (Project 764394 - Continuation)

\$99,914.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, VA, Space Station Antenna Design Studies, Department of Electrical Engineering, ElectroScience Laboratory (W. D. Burnside), 1 February 1986 through 30 April 1987. (Project 761012 - Continuation)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$94,570.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, OH, Passenger Car Handling and Stability Research, Phase 2, Department of Mechanical Engineering (L. A. Kennedy), 21 November 1985 through 30 September 1986. (Project 765097 - Continuation)

\$88,151.00 - Department of the Army, U.S. Army Medical Research and Development Command, Frederick, MD, Prophylactics and Antidotes against Acetylcholinesterase Inhibition by Nerve Cells, College of Pharmacy (D. T. Witiak), 1 December 1985 through 31 May 1986. (Project 764143 - Continuation)

\$82,000.00 - National Science Foundation, Washington, DC, Systematics of Telenominae (Hymenoptera): Oriental and Australian Trissolcus, Department of Entomology (N. F. Johnson), 1 February 1986 through 31 January 1989. (Project 765170 - New)

\$79,878.00 - Environmental Protection Agency, Washington, DC, Kinetics of Chloramine Inactivation of Giardia Cysts, Department of Civil Engineering (A. J. Rubin), 1 February 1986 through 5 May 1987. (Project 764693 - Continuation)

\$77,034.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Analysis of Local Circuitry in the Inferior Olive, Department of Anatomy (G. A. Bishop), 1 March 1986 through 28 February 1987. (Project 763013 - Continuation)

\$62,000.00 - National Science Foundation, Washington, DC, Multiple Hydrogen Bonding, Department of Chemistry (J. Hine), 1 January 1986 through 31 December 1986. (Project 764910 - Continuation)

\$52,000.00 - Department of Energy, Argonne, IL, Hydrology and Geochemistry of Small Tundra Drainage Basins in Response to Active Layer Disturbance, Institute of Polar Studies and Department of Agronomy (K. Everett), 1 January 1986 through 30 June 1986. (Project 764231 - Continuation)

\$46,500.00 - U.S. Information Agency, Washington, DC, Faculty Exchange Program with Foreign Business Schools, College of Administrative Science - Administration (L. C. Nehrt), 1 September 1985 through 31 August 1988. (Project 765182 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$46,000.00 - National Science Foundation, Washington, DC, Paleozoic Fungi: Interactions with Vascular Plants, Department of Botany (T. N. Taylor), 1 February 1986 through 31 July 1987. (Project 765204 - New)

\$39,983.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, OH, Engineering Calculations for Communications Satellite Systems Planning, Department of Electrical Engineering, ElectroScience Laboratory, (C. A. Levis) and Department of Industrial and Systems Engineering (C. H. Reilly), 13 March 1986 through 11 July 1986. (Project 762552 - Continuation)

\$37,350.00 - Department of the Navy, Office of Naval Research, Arlington, VA, Separated Flows, Department of Aeronautical and Astronautical Engineering (O. R. Burggraf), 1 January 1986 through 31 December 1986. (Project 763412 - Continuation)

\$30,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, OH, Documentation of Ice Shapes for the Helicopter Icing Flight Test Program, Department of Aeronautical and Astronautical Engineering (J. D. Lee), 16 January 1986 through 15 July 1986. (Project 763362 - Continuation)

\$26,004.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Neural Control of Mucosal Function in Megacolon Mice, Department of Physiology (H. J. Cooke and H. V. Carey), 16 January 1986 through 15 January 1987. (Project 765185 - New)

\$21,681.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, OH, Optical Flow and Texture Variables Useful in Determining and Guiding Self Motion, Department of Psychology (D. H. Owen), 1 January 1986 through 15 February 1986. (Project 763524 - Continuation)

\$20,000.00 - Department of Transportation, National Highway Traffic Safety Administration, West Liberty, OH, Support of Defects Investigations, Department of Mechanical Engineering (D. A. Guenther), 1 November 1985 through 15 November 1986. (Project 765180 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$20,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, OH, Effects of Ice Formation on 2-D Aerodynamic Shapes, Department of Aeronautical and Astronautical Engineering (M. B. Bragg and G. M. Gregorek), 15 February 1986 through 15 May 1986. (Project 762009 - Continuation)

\$18,800.00 - National Science Foundation, Washington, DC, Index Theoretical Applications of Harmonic Analysis on Lie Groups, Department of Mathematics (H. Moscovici), 1 July 1986 through 30 June 1987. (Project 764810 - Continuation)

\$9,996.00 - Department of the Navy, Naval Air Station, Point Mugu, CA, Analysis of Microstrip Antennas over a Wide Frequency Range, Department of Electrical Engineering, ElectroScience Laboratory (E. H. Newman), 12 December 1985 through 30 September 1986. (Project 765173 - New)

\$8,845.00 - Department of the Interior, Bureau of Mines, Pittsburgh, PA, Laboratory Testing of Underground Coal Miners, Department of Industrial and Systems Engineering (W. S. Marras), 1 January 1986 through 30 June 1986. (Project 765195 - New)

\$8,000.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, DC, International Symposium on Molecular Spectroscopy, Department of Physics (K. N. Rao), 1 January 1986 through 31 December 1986. (Project 765192 - New)

\$6,300.00 - National Science Foundation, Washington, DC, IAU Colloquium No. 92, Physics of Be Stars, Department of Astronomy (A. E. Sletteback), 1 January 1986 through 31 December 1986. (Project 765176 - New)

TOTAL - FEDERAL AWARDS **\$11,985,374.00**

State of Ohio Research Contracts/Grants

\$101,631.00 - State of Ohio, Department of Health, Columbus, OH, OSU-High Risk Perinatal Project - Care of the High Risk Mother and Infant, Department of Pediatrics (L. Cordero), 1 October 1985 through 30 September 1986. (Project 765042 - Continuation)

\$88,560.00 - State of Ohio, Ohio Department of Education, Columbus, OH, Ohio Reading Recovery Project, Department of Educational Theory and Practice (G. S. Pinnell and C. Huck), 1 October 1985 through 30 September 1986. (Project 765174 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$27,037.00 - State of Ohio, Department of Commerce, Columbus, OH, Center for Real Estate Education and Research, Center for Real Estate Education and Research (R. L. Racster), 1 January 1986 through 31 December 1986. (Project 765155 - Continuation)

\$8,000.00 - State of Ohio, Department of Youth Services, Columbus, OH, Analysis of Current Youth Services Program Data and Recommendations for Program Improvement, The National Center for Research in Vocational Education (R. E. Taylor), 15 November 1985 through 15 March 1986. (Project 765186 - New)

\$6,144.26 - State of Ohio, Ohio Humanities Council, Columbus, OH, An Evening in Byzantium: Dramatic Presentation on Byzantine Civilization, Department of History (T. Gregory), 1 March 1985 through 30 September 1986. (Project 765199 - New)

\$4,321.00 - State of Ohio, Ohio Arts Council, Columbus, OH, University Gallery's Presentations by Photographers, University Art Galleries (J. W. Green), 1 July 1985 through 30 June 1986. (Project 765207 - New)

TOTAL - STATE OF OHIO AWARDS \$ 235,693.26

Industrial Research Contracts/Grants

\$100,000.00 - Agrigenetics Research Associates Limited, Boulder, CO, Isolation of Rhizobia for Soybean Seed Inoculation with Improved Competitiveness, Department of Agronomy - OARDC and Department of Agronomy (W. D. Bauer), 1 January 1986 through 31 December 1986. (Project 765169 - New)

\$75,964.00 - Sperry Corporation, Reston, VA, Analysis of Broadband Radar Data for the Purpose of Aircraft Identification, Department of Electrical Engineering, ElectroScience Laboratory, (E. K. Walton), 8 November 1985 through 7 March 1987. (Project 765184 - New)

\$58,328.00 - Lake Shore Cryotronics, Inc., Westerville, OH, Research on Infrared Bolometers, Department of Physics (J. Gaines), 1 January 1986 through 31 December 1987. (Project 765178 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$45,770.00 - L.A.B., Inc., Morristown, NJ, Bioequivalence Evaluation of Propranolol 80 mg Tablet in Healthy Volunteers, Department of Pharmacology (N. Gerber), 1 January 1986 through 31 December 1986. (Project 764001 - Continuation)

\$45,000.00 - Upjohn Company, Kalamazoo, MI, Cefmetazole Comparison with Cefoxitin for Prophylaxis in Abdominal Surgery, Department of Medicine (J. F. Plouffe), 1 November 1985 through 31 October 1987. (Project 765213 - New)

\$39,672.00 - Sandia Corporation, Albuquerque, NM, Compact Scattering Range Performance Studies, Department of Electrical Engineering, ElectroScience Laboratory (W. D. Burnside), 1 October 1985 through 31 December 1986. (Project 764003 - Continuation)

\$39,403.00 - Astra Lakemedel AB, Sodertalje, Sweden, Novel Drug Delivery Systems, College of Pharmacy (S. Frank), 1 January 1986 through 31 December 1986. (Project 762165 - Continuation)

\$30,000.00 - Duphar B.V., Weesp, The Netherlands, Duphar-PTRI Collaborative Research, College of Pharmacy (D. T. Witiak), 1 March 1986 through 28 February 1987. (Project 763969 - Continuation)

\$24,717.00 - The Procter and Gamble Company, Cincinnati, OH, Interaction of Selected Organic Substances with Bacterial Cell Membranes, Department of Microbiology (P. R. Dugan), 17 January 1986 through 31 August 1986. (Project 765198 - New)

\$14,000.00 - Madison County Hospital, London, OH, Madison County Internship Project, Department of Educational Theory and Practice (J. J. Quaranta), 1 September 1985 through 30 June 1986. (Project 765181 - Continuation)

\$12,945.00 - Defense Systems, Inc., McLean, VA, Content Analysis Applications to Foreign Intelligence Topics, Mershon Center for Education (M. G. Hermann), 1 November 1985 through 31 March 1986. (Project 764535 - Continuation)

\$8,500.00 - Sandia National Laboratories, Albuquerque, NM, Design and Fabricate a Remotely Piloted Miniature Aircraft for Instrumentation Evaluation in Flight, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek), 1 January 1986 through 28 February 1986. (Project 763545 - Continuation)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$7,852.00 - Bristol Labs, Syracuse, NY, Survey of Biological Activity of Liposomal Bound Amikacin in Cattle Tears, Department of Veterinary Clinical Sciences (M. Wyman, J. J. Kowalski and J. Hurley), 1 December 1985 through 30 November 1986. (Project 765167 - New)

\$7,500.00 - EPE Incorporated, Strongsville, OH, EPEX Processing of Vegetable Oils - Phase I, Department of Food Science and Nutrition - OARDC and Department of Food Science and Nutrition (D. B. Min), 1 January 1986 through 30 April 1986. (Project 765201 - New)

\$4,000.00 - Global Perspectives in Education, Inc., New York, NY, Support Funds - Global Perspectives in Education, Department of Educational Theory and Practice (M. E. Gilliom), 1 January 1986 through 31 August 1986. (Project 765212 - New)

\$2,500.00 - Hoffmann-La Roche, Inc., Nutley, NJ, A National Audit of Antineoplastic Admixture Practice, College of Pharmacy (R. Segal and R. E. Gregoire), 1 February 1986 through 31 January 1987. (Project 765218 - New)

TOTAL - INDUSTRIAL AWARDS \$ 516,151.00

Other Non-Federal Research Contracts/Grants

\$73,668.00 - University Affiliated Cincinnati Center for Developmental Disorders, Cincinnati, OH, Prevention Continuing Education in Rural Areas, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 January 1986 through 31 December 1986. (Project 764528 - Continuation)

\$66,000.00 - University of California, Livermore, CA, Decentralized/Relegated Control of a Class of Large Scale Systems, Department of Electrical Engineering (U. Ozguner), 1 January 1986 through 30 November 1986. (Project 765215 - New)

\$55,200.00 - Iowa State University, Ames, IA, Ultrasonic Evaluation of Porosity in Aluminum Cast Material, Department of Welding Engineering (L. Adler), 1 October 1985 through 30 September 1986. (Project 765031 - Continuation)

\$52,500.00 - Petroleum Research Fund, Washington, DC, In Situ Laser Activation of Electrochemical Processes, Department of Chemistry (R. L. McCreery), 1 September 1986 through 31 August 1989. (Project 765206 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$50,000.00 - AARP Andrus Foundation, Washington, DC, Gender Differences in Adjustment to Retirement, College of Social Work (V. E. Richardson and K. M. Kilty), 1 January 1986 through 31 December 1986. (Project 765143 - New)

\$47,749.00 - University of California, Livermore, CA, Thermodynamic Modeling of Sensitization and SCC Performance of Candidate Materials for Containment of High Level Nuclear Waste, Department of Metallurgical Engineering (B. E. Wilde), 1 September 1985 through 30 September 1986. (Project 765209 - New)

\$35,000.00 - The Petroleum Research Fund, Washington, DC, The Bonding of Organoactinide Complexes, Department of Chemistry (B. Bursten), 1 September 1986 through 31 August 1988. (Project 765183 - New)

\$34,626.00 - Kalamazoo Valley Intermediate School District, Kalamazoo, MI, A Plan to Provide Technical Assistance to the Kalamazoo County Vocational Education Planning Committee for the Development of an Exemplary County-Wide Vocational Education Program, The National Center for Research in Vocational Education (R. E. Taylor), 1 December 1985 through 30 April 1986. (Project 765157 - New)

\$26,519.00 - University of California, Berkeley, CA, Faculty Participation with the Superconducting Super Collider Central Design Group, Department of Physics (H. P. Kagan), 1 January 1986 through 30 June 1986. (Project 765217 - New)

\$26,000.00 - Muscular Dystrophy Association, New York, NY, Mechanism of Action of Calcium Binding Proteins, Department of Physiological Chemistry (J. D. Johnson), 1 January 1986 through 31 December 1986. (Project 763866 - Continuation)

\$24,158.00 - Battelle Memorial Institute, Columbus, OH, Expert Systems for Linking Mechanical and Process Design, Department of Computer and Information Science (B. Chandrasekaran), 1 January 1986 through 30 June 1986. (Project 765168 - New)

\$15,759.00 - American Fund for Dental Health, Chicago, IL, Survey of Sterilization and Safety Procedures in Dental Offices and Relationship to Health Status of Dental Personnel, College of Dentistry - Oral Biology (S. Rosen), 1 January 1986 through 31 July 1986. (Project 764524 - Continuation)

March 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$15,007.00 - Texas A&M University, College Station, TX, Analysis of Ice-Rafted Debris at ODP Sites 642, 643, 644, Department of Geology and Mineralogy (L. Krissek), 1 January 1986 through 31 December 1986. (Project 765187 - New)

\$15,000.00 - Tinker Foundation, New York, NY, Field Research Grants in Latin America and Spain, University Center for International Studies (J. S. Adams), Department of Agricultural Economics and Rural Sociology (D. H. Graham) and Department of History (K. J. Andrien), 1 January 1986 through 31 December 1986. (Project 765189 - New)

\$11,877.00 - Cancer Therapy and Research Foundation of South Texas, San Antonio, TX, SWOG Study 8412, Department of Pathology (R. V. O'Toole), 15 November 1985 through 24 November 1986. (Project 765202 - New)

\$10,000.00 - American Florists Endowment, Edwardsville, IL, Development of User Friendly Computer Models of Greenhouse Climate and Crop Growth, Department of Agricultural Engineering - OARDC (T. H. Short), 1 January 1986 through 31 December 1986. (Project 765172 - New)

\$6,475.00 - Southeastern Center for Electrical Engineering Education, St. Cloud, FL, Studies Related to the Earth's Gravity Field and the Determination of Improved Reference Frames, Department of Geodetic Science and Surveying (R. H. Rapp), 18 January 1986 through 1 June 1986. (Project 764957 - Continuation)

\$5,064.00 - University of Pittsburgh, Pittsburgh, PA, The Impact of Private Sector Associations on Political Party Systems in Bolivia, Ecuador and Peru, Department of Political Science (C. M. Conaghan), 1 January 1986 through 31 August 1986. (Project 765150 - New)

\$5,000.00 - The Skin Cancer Foundation, New York, NY, Biology of Basal Cell Carcinoma, Department of Medicine (R. E. Grimwood), 1 January 1986 through 31 December 1986. (Project 765193 - New)

\$4,380.00 - North Atlantic Treaty Organization, Bruxelles, Belgium, Ultrasonic Surface Wave Studies on Anisotropic Materials, Department of Welding Engineering (L. Adler), 1 December 1985 through 30 November 1986. (Project 765177 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$3,000.00 - J. F. Ingram State Technical College, Deatsville, AL, National Corrections Education Consortium, The National Center for Research in Vocational Education (R. E. Taylor), 1 January 1986 through 31 December 1986. (Project 765109 - Continuation)

\$2,550.00 - The Petroleum Research Fund, Washington, DC, Azide Photochemistry - A Symposium to be Presented at the Fall 1986 American Chemical Society Meeting in Anaheim, CA, Department of Chemistry (M. S. Platz), 1 September 1986 through 31 August 1987. (Project 765191 - New)

\$2,000.00 - Oregon Department of Education, Salem, OR, National Entrepreneurship Education Consortium, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1985 through 30 June 1986. (Project 764945 - Continuation)

\$2,000.00 - The Columbus Foundation, Columbus, OH, Project Leisure Education - Participation, Department of Recreation and Intramural Activities (M. A. Daniels) and School of Health, Physical Education and Recreation (W. F. Ersing), 1 October 1985 through 3 September 1986. (Project 765106 - Continuation)

\$1,609.15 - Midwest Universities Consortium for International Activities (MUCIA), Columbus, OH, Midwest Universities Consortium for International Activities (MUCIA) Incentive Funding, Office of Academic Affairs - Administration (F. M. Firebaugh), 1 January 1986 through 31 December 1986. (Project 765219 - New)

\$225.00 - Cancer Therapy and Research Foundation, San Antonio, TX, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Medicine (S. P. Balcerzak), 1 February 1985 through 31 January 1986. (Project 765208 - New)

TOTAL - OTHER NON-FEDERAL AWARDS \$ 591,366.15

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

\$102,313.00 - The Ohio Department of Transportation, Columbus, OH, "Long Term Strength of Embankment Materials: Shale and Colluvium," Department of Civil Engineering, 1 January 1986 through 31 December 1986. (529628 - Ext. 4)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION (contd)

State Sponsored Research and Development (contd)

\$2,500.00 - additional funding from Thomas A. Edison Partnership Program, Columbus, OH, "Development of Design and Analysis Algorithms for Machine Components," Department of Mechanical Engineering, 1 February 1985 through 31 January 1987. (312831)

TOTAL - STATE SPONSORED RESEARCH \$ 104,813.00

Industrial and Other Sponsored Research and Development

\$112,000.00 - Ford Motor Company, Dearborn, MI, "Design, Manufacture and Checkout of Variable Center Distance Gear Noise Test Facility," Department of Mechanical Engineering, 1 February 1986 through 30 April 1987. (312864)

\$75,220.00 - Liebert Corporation, Columbus, OH, "Development of Models for 3-Phase Ferroresonant Transformers," Department of Electrical Engineering, 1 April 1986 through 30 September 1987. (312824, Ext. 1)

\$40,986.00 - New York Gas Association, New York, NY, "Stress Analysis Program of a Light Weight Compressed Natural Gas Composite Wrapped Cylinder," Department of Mechanical Engineering, 1 January 1986 through 31 March 1987. (529700)

\$31,193.00 - from 29 sponsors of 37 development projects under the direction of three engineering departments or research areas.

\$30,000.00 - General Motors Corporation, Warren, MI, "Polymer Engineering Research Program," Department of Chemical Engineering, 1 September 1985 through 31 August 1986. (529638)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 289,399.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

The John Deaver Drinko - Baker & Hostetler
Chair in Law

The John Deaver Drinko - Baker & Hostetler Chair in Law was established March 7, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from John D. Drinko (JD '44) and Elizabeth Gibson Drinko of Cleveland, Ohio, the law firm of Baker & Hostetler, Noel F. George (JD '32) of Columbus, Ohio, and other partners and associates of Baker & Hostetler.

March 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The John Deaver Drinko - Baker & Hostetler
Chair in Law (contd)

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

It is the desire of the donors that income be used on a current basis to provide salary and program support for the work of a distinguished teacher and scholar in law as recommended by the Dean of the College of Law to the Provost of The Ohio State University and approved by the Board of Trustees.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used by the College of Law for such purposes as may be determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the College of Law.

**Forbes Estate Endowment for the Secrest Arboretum
With Special Considerations for the
Garden of Roses of Legend and Romance**

The Forbes Estate Endowment for the Secrest Arboretum With Special Considerations for the Garden of Roses of Legend and Romance was established March 7, 1986, by the Board of Trustees of The Ohio State University with gifts to the Office of University Development from the Estate of Elizabeth H. Forbes.

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

The annual income shall be used as follows:

- Fifty percent (50%) for the Secrest Arboretum and for the Rose Garden improvements and enhancements.
- Fifteen percent (15%) for rose budding and replacement.
- Fifteen percent (15%) for educational programs pertaining to the rose and its promotion.

March 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Forbes Estate Endowment for the Secrest Arboretum
With Special Considerations for the
Garden of Roses of Legend and Romance (contd)

- Twenty percent (20%) for research for the development and study of the rose.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the Ohio Agricultural Research and Development Center in Wooster, Ohio.

The Everett D. Reese Biomedical Research Fund

The Everett D. Reese Biomedical Research Fund was established March 7, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Everett D. Reese, B.S.Bus.Adm. '19, of Columbus, Ohio.

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

The annual income shall be used exclusively by The Ohio State University Center for Arthritis and Aging to support basic biomedical research in immunological sciences to acquire new knowledge about human disease, improved treatments and possible preventative measures. The basic work performed will be directly relevant to several human diseases including various forms of arthritis and illnesses commonly experienced during aging.

The Director of the Center for Arthritis and Aging will be responsible for directing the fund and will determine the overall focus of the research and the daily operations. All funds will be restricted to the direct support of basic research. The expenditures permitted are for research personnel, research materials and light or heavy equipment. Research personnel can include research assistants, research associates, graduate research students and postdoctoral research fellows. Faculty and secretarial support are excluded. Research supplies are items directly used in the

March 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Everett D. Reese Biomedical Research Fund (contd)

performance of research and the only other expenditure allowed is the cost charged for publication or illustrations for manuscripts and grants.

A report will be made to the donor each year, consisting of a financial statement and narrative describing the research work performed as a result of the support.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative officials of the University then directly responsible for basic medical research.

**College of Mathematical and Physical Sciences
Excellence Endowment Fund**

The College of Mathematical and Physical Sciences Excellence Endowment Fund was established March 7, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni, corporations, organizations, faculty, staff and friends of the College of Mathematical and Physical Sciences.

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

The annual income shall be used, as well as the principal, if necessary, to match commitments required by sponsors of chairs/professorships, to provide supplemental laboratory set-up funds for new senior faculty and to fund scholarships and fellowships as determined by the Dean of the College of Mathematical and Physical Sciences.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Mathematical and Physical Sciences.

March 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Harold F. Mathis Memorial Scholarship Fund
in Electrical Engineering

The Harold F. Mathis Memorial Scholarship Fund in Electrical Engineering was established March 7, 1986, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund in memory of Professor Harold F. Mathis from his wife, Lois R. Mathis (Ph.D., Education, '65), his son, Robert F. Mathis (Ph.D., Mathematics, '69) and his daughter, Betty Mathis Sproule (Ph.D., Computer and Information Sciences, '72).

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

Ten percent (10%) of the annual income shall be reinvested into the principal to ensure future growth. The remaining ninety percent (90%) shall be used to provide annual scholarships to promising Electrical Engineering students who have completed their sophomore year. Preference will be given to outstanding students majoring in power systems. The scholarship winners will be chosen primarily for academic merit. Selection will be made by the Chairperson of the Department of Electrical Engineering with assistance from the Dean of the College of Engineering and the University Committee on Student Financial Aid. The Electrical Engineering faculty annually will provide notice of the selection to Lois R. Mathis, Robert F. Mathis or Betty Mathis Sproule. Recipients will be named annually, but may be eligible to compete for renewed awards.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for Electrical Engineering education.

The Frank Batley Memorial Fund

The Frank Batley Memorial Fund was established March 7, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund in memory of Frank Batley, Professor of Radiology, from his wife, Marie J. Batley, friends and colleagues.

March 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Frank Batley Memorial Fund (contd)

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

The annual income shall be used to provide support for an occasional lecture for students and faculty in the Division of Radiation Oncology by an eminent physician/researcher on topics related to radiation oncology and radiation therapy. The annual income may also be used to purchase equipment and materials for radiation oncology teaching laboratories excluding the purchase of books and journals. The expenditure of funds will be determined by the Director of the Division of Radiation Oncology and approved by the Dean of the College of Medicine.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University then responsible for radiation oncology education.

Donald C. Chapman Cancer Research Endowment Fund

The Donald C. Chapman Cancer Research Endowment Fund was established March 7, 1986, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Gloria J. Chapman in memory of her husband, Donald C. Chapman, B.S.Bus.Adm. '48.

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

The annual income shall be used to support cancer research as approved by the Medical Director of the Cancer Research Institute and the Dean of the College of Medicine. If it is determined that funding for cancer research is so ample, then the income from this fund may be used for those purposes as deemed appropriate by the Medical Director of the Cancer Research Institute.

March 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Donald C. Chapman Cancer Research Endowment Fund (contd)

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for medical education.

The Goldthwait Geology Fund

The Goldthwait Geology Fund was established March 7, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Richard P. Goldthwait, Professor Emeritus, Department of Geology and Mineralogy, and his wife, Katherine D. Goldthwait.

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

The annual income may be used for scholarship awards to students majoring in geology and mineralogy or for such other purposes as deemed appropriate by the Chairperson in the Department of Geology and Mineralogy. Selection of scholarship recipients will be made by the University Committee on Student Financial Aid in consultation with the Chairperson in the Department of Geology and Mineralogy and the Dean of the College of Mathematical and Physical Sciences.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University then responsible for geology and mineralogy education.

The Gordon Grigsby Poetry Fund

The Gordon Grigsby Poetry Fund was established March 7, 1986, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Office of

March 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Gordon Grigsby Poetry Fund (contd)

University Development from Paul Watkins, B.S.Pharm., '58, of Columbus, Ohio, in honor of Gordon K. Grigsby, Associate Professor of English at The Ohio State University.

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

Proceeds from this fund shall support, in the form of honoraria, readings by creative writers, customarily poets, chosen to visit the campus for short periods. The selection of recipients shall be made by the Department of English Creative Writing Program. The number of annual visits will be determined by the Department and by the extent of endowment earnings available.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations of the Dean of the College of Humanities and the Department of English.

Lois M. Jones Fellowship Fund

The Lois M. Jones Fellowship Fund was established March 7, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Lois M. Jones, Ph.D., Geology, 1969, of Ponca City, Oklahoma.

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

The annual income shall be used to provide one or more one-year graduate fellowships for doctoral students who have proven academic ability and anticipated potential in the geological sciences. An existing fellow may compete for a second year of support. The recipient(s) will have successfully completed all candidacy examinations and have an approved dissertation topic. Preference is to be given to those students whose dissertations will be directed toward geological research in polar areas. Selection of the

March 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Lois M. Jones Fellowship Fund (contd)

award recipient(s) will be made by a committee of three which consists of the Director and Associate/Assistant Director of the Institute of Polar Studies, or their designees, and the Chairperson of the Department of Geology and Mineralogy, or his/her designee, any two of whom can act.

Stipends up to twenty percent (20%) above the normal sum for dissertation fellows will be awarded. Tuition and fees will be waived and funds for travel and other research expenses will be made available if sufficient funds exist. The stipends, tuition and fees may be paid from the annual income.

In the event income is available beyond that necessary to support two students, income may be used to support a visiting lecturer program centered on the geological sciences in the polar regions. Additional income in the future may be used to support a distinguished visiting scientist program to bring to the campus senior scientists for a period of up to three months. They will work with students in the Institute of Polar Studies and the Department of Geology and Mineralogy and conduct formal and informal seminars and lectures of interest to the student community.

It is not necessary to make graduate fellowships or visiting awards each year if appropriate candidates are not available. Unused income can be added to the fund's principal at the discretion of the Director of the Institute of Polar Studies.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University then responsible for geological education.

The Lou Berliner Scholarship Fund

The Lou Berliner Scholarship Fund was established March 7, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from colleagues and friends of Louis Berliner, long-time Columbus Dispatch sports writer, in his memory.

March 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Lou Berliner Scholarship Fund (contd)

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

The annual income and principal, as needed, shall be awarded yearly to a graduating senior(s) from any accredited high school in Franklin County or its contiguous counties of Ohio who has (1) earned at least one varsity letter in an Ohio High School Athletic Association approved sport; (2) a scholastic grade point average of 3.0 or better; and (3) been involved in at least one community activity for the benefit of their fellow man. The recipient(s) shall receive a minimum grant of \$1,000 regardless of area of study at The Ohio State University. Selection of the award recipient(s) shall be made by the University Committee on Student Financial Aid in consultation with the recipient(s)'s high school principal and appropriate designees by the originators of The Lou Berliner Scholarship Fund.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University then responsible for student financial aid.

Hugh H. and Helen C. Evans Medical Scholarship Fund

The Hugh H. and Helen C. Evans Medical Scholarship Fund was established March 7, 1986, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Helen C. Evans, Columbus, Ohio.

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

The annual income shall be used to assist needy students in the College of Medicine. Selection of the award recipients shall be made by the University Committee on Student Financial Aid in cooperation with the Dean of the College of Medicine.

March 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Hugh H. and Helen C. Evans Medical Scholarship Fund (contd)

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University then responsible for medical education.

**The R. Bruce Hohn Residency in
Small Animal Veterinary Surgery**

The R. Bruce Hohn Residency in Small Animal Veterinary Surgery was established March 7, 1986, by the Board of Trustees of The Ohio State University by an initial gift to The Ohio State University Development Fund from the family of R. Bruce Hohn, D.V.M., Columbus, Ohio.

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

The annual income shall be used as a stipend to support a residency in Small Animal Veterinary Surgery. Candidates for the stipend must be doctors of Veterinary Medicine who have demonstrated interest and qualifications in post D.V.M. surgical training. Candidates will apply through the Graduate Resident Committee of the Department of Veterinary Clinical Sciences which will screen them and make a specific recommendation to the Dean of the College of Veterinary Medicine.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University then responsible for Veterinary Medicine education.

Daniel Hughes Memorial Fund

The Daniel Hughes Memorial Fund was established March 7, 1986, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund

March 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Daniel Hughes Memorial Fund (contd)

from Violetta Hughes, M.A., Education, '79, of Columbus, Ohio, and friends, in memory of her husband, Daniel Hughes, Ph.D., Professor of Anthropology.

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

The annual income shall be used to fund the Daniel Hughes Memorial Award and the Daniel Hughes Memorial Lecture. Two awards will be presented each year, one to a graduate student and one to an undergraduate student, for the best essay in anthropology. Criteria for selection of the winners will be established by anthropology faculty and the recipients will be chosen by an ad hoc committee consisting of three faculty members and approved by the Department Chair. The awards will be made each year at the Hughes Memorial Lecture. The Hughes Memorial Lecture will be held each year in the Spring. Topics for the lecture will be chosen by anthropology faculty as a group.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Social and Behavioral Sciences.

The Dr. William E. Hunt Fund in Neurosurgery

The Dr. William E. Hunt Fund in Neurosurgery was established March 7, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Office of University Development in honor of William E. Hunt, M.D., 1945, from friends and colleagues.

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

March 6 and 7, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Establishment of Named Funds (contd)

The Dr. William E. Hunt Fund in Neurosurgery (contd)

The annual income shall be used to support a neurosurgeon in the Division of Neurosurgery within The Ohio State University College of Medicine. All use of these funds are to be approved by the Chairperson of the Division of Neurosurgery in conjunction with the Dean of the College of Medicine.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the administrative official then directly responsible for the Division of Neurosurgery.

The Anita R. McCormick Endowment Fund

The Anita R. McCormick Endowment Fund was established March 7, 1986, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Anita R. McCormick, B.S.H.E., 1947, M.S., Agriculture, 1956.

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

The annual income shall be used to provide financial support for students enrolled in graduate study in the College of Home Economics. Recipients will be chosen by a committee consisting of a graduate faculty member from each college department and the Dean of the College of Home Economics in cooperation with the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendation of the Dean of the College of Home Economics.

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March 6 and 7, 1986 meeting, Board of Trustees

REQUEST FOR CONSTRUCTION BIDS

Resolution No. 86-100

Synopsis: Authorization to request construction bids for the following project is proposed.

WHEREAS the plans and specifications for the following project have been completed and, at the request of the Vice President for Business and Administration, the President recommended that the Board of Trustees authorize the request for construction bids for the following project:

POMERENE HALL (RATHSKELLER) REMODELING

Project: Remodel an area on the ground floor of Pomerene Hall, previously housing the Rathskeller, into office and administrative space for the Office of Disability Services.

Funding: University Funds

Estimated Project Cost: \$354,000.00

NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials and estimates of cost be approved, that the President and/or Vice President for Business and Administration be authorized to request construction bids on this project for The Ohio State University in accordance with established University procedures, and if satisfactory bids are received to award construction contracts with all actions to be reported to this Board at the appropriate time.

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

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**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 86-101

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

March 6 and 7, 1986 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Administration to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

**RESEARCH SERVICES BUILDING
OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER**

Description: This project provides for the construction of a new facility to house central administration and support services for the Ohio Agricultural Research and Development Center, Wooster, Ohio, including offices for research support personnel, business, payroll and personnel offices, computer center, public information, photography lab, visitor center, conference rooms and audio visual facilities. Work is scheduled to begin in the Spring of 1986 and be completed July 1987.

General Contract

Date Received:	January 28, 1986
No. of Bids:	8
Low Bid:	\$1,829,844.00*
High Bid:	\$2,090,139.00*
Estimate of Cost:	\$2,437,055.00*
Awarded to:	Bogner Construction Co., Wooster, Ohio

Plumbing Contract

Date Received:	January 28, 1986
No. of Bids:	9
Low Bid:	\$120,381.00*
High Bid:	\$158,016.00*
Estimate of Cost:	\$136,880.00*
Awarded to:	Whisler Plumbing & Heating Inc., Massillon, Ohio

*Recommended alternates reflected in these figures.

March 6 and 7, 1986 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

RESEARCH SERVICES BUILDING
OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER (contd)

Fire Protection Contract

Date Received:	January 28, 1986
No. of Bids:	6
Low Bid:	\$ 25,080.00*
High Bid:	\$ 35,010.00*
Estimate of Cost:	\$ 28,440.00*
Awarded to:	Fire Foe Corp., Girard, Ohio

HVAC Contract

Date Received:	January 28, 1986
No. of Bids:	8
Low Bid:	\$422,050.00*+
High Bid:	\$478,224.00*
Estimate of Cost:	\$331,500.00*
Awarded to:	Guenther Plumbing & Heating, Ashland, Ohio

Electric Contract

Date Received:	January 28, 1986
No. of Bids:	6
Low Bid:	\$ 278,852.00*
High Bid:	\$ 364,120.00*
Estimate of Cost:	\$ 353,765.00*
Awarded to:	Hilscher-Clarke Electric Co., Canton, Ohio

*Recommended alternates reflected in these figures.

+HVAC Contract is in excess of filed estimate of cost; however, the total price of all contracts is within the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code.

March 6 and 7, 1986 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**RESEARCH SERVICES BUILDING
OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER (contd)**

Total All Contracts:	\$2,676,207.00*
Total Equipment	\$ 230,000.00
Total Contingency Allowance:	\$ 197,722.29 (which is 7% of construction costs)
Total Project Cost:	\$3,500,000.00*
Funding:	H B 552; S B 381

ELEVATOR REPLACEMENT - POMERENE AND RAMSEYER HALLS

Description: This project provides for the necessary excavation and foundation work for two elevator pits, installation of two oil-hydraulic elevators, one in Pomerene Hall and one in Ramseyer Hall and related interior remodeling required by the new elevator installations. Construction is scheduled to begin in the spring of 1986 and is expected to be completed within 180 days.

General Contract

Date Received:	January 23, 1986
No. of Bids:	7
Low Bid:	\$225,395.00*
High Bid:	\$293,700.00*
Estimate of Cost:	\$246,086.00*
Awarded to:	Yadkin Inc., Gahanna, Ohio

Plumbing & HVAC Contract

Date Received:	January 23, 1986
No. of Bids:	3

*Recommended alternates reflected in these figures.

March 6 and 7, 1986 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

ELEVATOR REPLACEMENT - POMERENE AND RAMSEYER HALLS (contd)

Low Bid:	\$ 29,400.00*+
High Bid:	\$ 38,608.99*
Estimate of Cost:	\$ 28,736.00*
Awarded to:	R. M. Giehl, Inc. Columbus, Ohio

Electric Contract

Date Received:	January 23, 1986
No. of Bids:	3
Low Bid:	\$ 15,900.00*+
High Bid:	\$ 21,890.00*
Estimate of Cost:	\$ 11,993.00*
Awarded to:	L. L. Electric Co., Columbus, Ohio

Total All Contracts:	\$270,695.00*
Total Contingency Allowance:	\$ 19,067.91 (which is 7% of construction costs)
Total Project Cost:	\$343,000.00
Funding:	H.B. 798 (U & R)

*Recommended alternates reflected in these figures.
+HVAC and Electric Contracts are in excess of filed estimate of cost; however, the total price of all contracts is within the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code.

MEANS HALL - MODIFICATIONS FOR
MAGNETIC RESONANCE IMAGING

Description: This project provides for the renovating of vacant space on the ground floor of Means Hall to provide support facilities for the new Magnetic Resonance Imaging facility including office and laboratory spaces. Work is scheduled to begin in the spring of 1986 and be completed within 150 days.

March 6 and 7, 1986 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

MEANS HALL - MODIFICATIONS FOR
MAGNETIC RESONANCE IMAGING (contd)

General Contract

Date Received:	January 28, 1986
No. of Bids:	8
Low Bid:	\$ 73,112.00
High Bid:	\$ 88,300.00
Estimate of Cost:	\$ 83,900.00
Awarded to:	Functional Development, Worthington, Ohio

Plumbing Contract

Date Received:	January 28, 1986
No. of Bids:	7
Low Bid:	\$ 18,200.00
High Bid:	\$ 39,800.00
Estimate of Cost:	\$ 28,650.00
Awarded to:	Systems Mechanical, Westerville, Ohio

HVAC Contract

Date Received:	January 28, 1986
No. of Bids:	7
Low Bid:	\$ 56,600.00*
High Bid:	\$ 74,100.00*
Estimate of Cost:	\$ 61,250.00*
Awarded to:	Systems Mechanical, Westerville, Ohio

*Recommended alternate reflected in these figures.

March 6 and 7, 1986 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**MEANS HALL - MODIFICATIONS FOR
MAGNETIC RESONANCE IMAGING (contd)**

Electric Contract

Date Received:	January 28, 1986
No. of Bids:	12
Low Bid:	\$ 27,390.00
High Bid:	\$ 49,500.00
Estimate of Cost:	\$ 36,000.00
Awarded to:	Frush & Homan, Columbus, Ohio
Total All Contracts:	\$175,302.00*
Total Contingency Allowance:	\$ 27,300.02 (which is 16% of construction costs)
Total Project Cost:	\$237,000.00*
Funding:	University Hospital Funds

*Recommended alternate reflected in these figures.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

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

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 86-102

RESOLVED, That the report on the University's Investment Portfolio, dated February 21, 1986, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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March 6 and 7, 1986 meeting, Board of Trustees

Thereupon the Board adjourned to meet Thursday, April 3, 1986, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 6:30 p.m.

Attest:

Madison H. Scott
Secretary

John F. Havens
Chairman

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APPENDIX III
Degrees Conferred at
THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION
March 21, 1986

Commencement Speaker

Wayne Woodrow Hayes Doctor of Humanities

Educator. Philanthropist. Scholar. Motivator. Humanitarian. Woody Hayes has worn many hats, in addition to his coach's cap with its familiar Block O. And since leaving the coaching field, it takes no more than the drop of a hat to convince him to address a group, participate in a charity drive, or promote the importance of hard work in the classroom, as well as on the practice field. Hayes' dedication to these many causes is evidenced by a relentless demand for his services.

His accomplishments during 28 years as head football coach at Ohio State are well known: an overall record of 205 wins, 61 losses, and 10 ties—a winning percentage of .760; a Big Ten record of 152-37-7; 21 seasons in which Ohio State led the nation in attendance per home game; College Coach of the Year in 1957 and 1975; coach to three Heisman Trophy winners and 56 first-team All-Americans; three national championships; 13 Big Ten championships; and 11 bowl games.

His tireless drive for excellence, especially among young people, has always been evident not only on the field, but off the field as well. His current community involvements show that he is honorary chair of the Heinzerling Foundation's fund-raising efforts, honorary co-chair of the Celebrity Waiters Lunch to benefit Recreation Unlimited, and chair of the Woody Hayes Sports Spectacular to benefit Children's Hospital. He is a strong supporter of the University's cancer research programs. Last year, gifts made in his honor were used to establish the Woody Hayes Cancer Fund in the College of Medicine.

Hayes earned his bachelor's degree in English and history at Denison University and later earned an M.A. in education administration from Ohio State. He is well known for his analyses of military history, has written three books, and taught at the undergraduate and graduate levels. Hayes lectured at Harvard University in 1982 in a program commemorating the 100th anniversary of the death of Ralph Waldo Emerson. In 1979, he was named head coach and professor emeritus of health, physical education, and recreation.

The recognitions received by Woody Hayes during his career also pay tribute to his wide-ranging interests. He was elected to the National Football Foundation and Hall of Fame in 1983 and is a member of the Ohio High School Football Coaches Association Hall of Fame. He received the Ohio Governor's Award in 1976 and an honorary degree from Rio Grande College in 1983. Ohio State honored him with a Distinguished Service Award in 1982, and he received the Alumni Citizenship Award from the University's Alumni Association in 1983.

Recently, he was the recipient of the 1986 American College Football Association's prestigious Amos Alonzo Stagg Trophy for his contributions to athletics and community service.

The University that Coach Hayes served for so many years is proud to recognize his dedication to excellence and his devotion to fellow citizens with the honorary degree, Doctor of Humanities.

The Graduate School

Dean: Roy A. Koenigsnecht

Doctor of Musical Arts

Louis George Bourgeois III, Paducah, KY; B.Mus.Ed. (Murray State University); M.Mus. (University of Louisville); *Music*
Dr. Richard E. Burkart

Doctor of Philosophy

Ahed Mahmoud Abdulhalik, Zelta, West-Bank, Israel; B.Sc., M.Sc. (Mosul University); *Animal Science*
Dr. Walter R. Harvey

Rafique Ahmed, La Crosse, WI; B.Sc., M.Sc. (University of Dacca); M.A. (University of Windsor); *Geography*
Dr. A. John Armfield

Dennis Jay Alexander, Riverside, CA; B.A. (Oakwood College); M.A.; *Psychology*
Dr. Theodore J. Kaul

Ayhan Altintas, Ankara, Turkey; B.S.E.E., M.S.E.E. (Middle East Technical University); *Electrical Engineering*
Dr. Prabhakar H. Pathak

Mohamed Nazih Ahyagshi Elouch, Damascus, Syrian Arab Republic; B.Sc. (Damascus University); M.S.; *Civil Engineering*
Dr. Ranbir S. Sandhu

Shankar Bantwal Baliga, New Delhi, India; M.S.; M.S. (Indian Institute of Technology, Kanpur); *Physics*
Dr. K. Narahari Rao

Mahzarin Rustum Banaji, White Plains, NY; B.A. (Nehru University); M.A.; *Psychology*
Dr. Anthony G. Greenwald

Hemant Shridhar Betrabet, Bombay, Maharashtra, India; B.Tech. (Indian Institute of Technology, Kanpur, India); M.S.; *Metallurgical Engineering*
Dr. Bryan A. Wilde, Dr. William A. Clark

Dina M. Bitar, Jerusalem, West Bank, Israel; B.Sc. (American University of Beirut); M.Sc. (Miami University); *Medical Microbiology and Immunology*
Dr. Caroline C. Whitacre

Mary Ann Brickner, Valders, WI; B.S. (University of Wisconsin-Green Bay); M.A.; *Psychology*
Dr. Robert S. Billings

Debra Boyd Buggs, Washington, DC; B.A. (University of Iowa); M.A. (Rutgers University); *Romance Languages and Literatures*
Dr. Richard W. Bjornson

Duane Arthur Burnett, Corsicana, TX; B.S. (Baylor University); *Chemistry*
Dr. David J. Hart

Dana L. Chapman, Canal Fulton, B.A. (Miami University); M.S.; *Home Economics*
Dr. Lois E. Dickey

Amit Chatterjee, New Delhi, India; B.Tech. (Indian Institute of Technology); M.S.; *Metallurgical Engineering*
Dr. John P. Hirth

Shwu-Pyng T. Chen, Pleasanton, CA; B.S. (Fu Jen Catholic University); M.S.; *Food Service and Nutrition*
Dr. Poul M. Hansen

Tzuyu Chen, Taipei, Taiwan, R.O.C.; B.S. (National Tsing-Hua University); M.S.; *Metallurgical Engineering*
Dr. Susan Smialowska

Hee-Kyung Cho, Jeonju, South Korea; B.S. (University of Washington); M.S.; *Home Economics*
Dr. Jean T. Snook

Nan-Ting Chou, Taichung, Taiwan, R.O.C.; B.A. (National Taiwan University); M.A.; *Economics*
Dr. J. Huston McCulloch

Ralph Douglas Cope, Wilmington, DE; B.M.E., M.M.A.E. (University of Delaware); *Mechanical Engineering*
Dr. Kenneth J. Waldron

Lisa Diane Craig, Columbus; B.S. Al'd.Hth Prof.; M.S. (The University of Tennessee); *Home Economics*
Dr. Virginia M. Vivian

Patricia G. Devine, Madison, WI; B.A. (State University of New York, Plattsburgh); M.A.; *Psychology*
Dr. Thomas M. Ostrom

Brian Thomas DeWitt, Lyndhurst; B.S.E.E., M.S.; *Electrical Engineering*
Dr. Walter D. Burnside

Hamid Esmailzadeh, Shiraz, Fars, Iran; B.S. (Pahlavi University); M.S. (Alcorn State University); *Agronomy*
Dr. Eugene O. McLean, Dr. Terry J. Logan

Cheryl Crawford Frasch, Columbus; B.A. (Capital University); M.A.; *Music*
Dr. Charles M. Atkinson

Harriet Citron Garson, Cincinnati; B.S. (Miami University); M.S., M.A.; *Sociology*
Dr. Laurel W. Richardson

Gilberto Garro Garita, San Pablo, Heredia, Costa Rica; B.S.Ed., Licenciante (University of Costa Rica); Master's (University of Brasilia); *Education*
Dr. Virgil E. Blanke

Julia Freeman Guy, Columbus; B.S. (University of Florida); M.S.; *Anatomy*
Dr. Martha E. Sucheston

Jia-yuan Han, Soochow, Jiangsu, P.R.C.; B.Sc. (Chiao-tung University); M.Sc. (Academia Sinica); M.S.; *Electrical Engineering*
Dr. Hooshang Hemami

***Hubert Werner Harder**, Gallipolis, B.A. (Oberlin College); *Physiological Chemistry*
Dr. Lloyd A. Horrocks

Paula Marie Hogan, Louisville, KY; B.A. (University of Notre Dame); M.A.; *Psychology*
Dr. Philip M. Clark

* Awarded Posthumously

Chien-ann Hou, Chiayi, Taiwan, R.O.C.; B.S. (National Tsing-Hua University); M.S., M.S.; *Mechanical Engineering*
Dr. Chon-Liang Tsai, Dr. Gary L. Kinzel

Dennis D. Hughes, Washington, DC; B.A. (Georgetown University); *Classics*
Dr. Stephen V. Tracy

Venkata Subramanian Iyer, Bombay, India; B.Tech. (Indian Institute of Technology, Madras, India); M.S.; *Metallurgical Engineering*
Dr. Paul G. Shewmon

Walter William Johnson, San Diego, CA; B.A., M.A. (Illinois State University); *Psychology*
Dr. Mari R. Jones

Karen Marie Kakas, Burlington, IA; B.A., M.A., M.F.A. (The University of Iowa); *Art Education*
Dr. Judith S. Korosick

Shin Il Kang, Seoul, South Korea; B.A. (Hankuk University of Foreign Studies); M.A.; *Economics*
Dr. Donald O. Parsons

James Davidson Kaul, Owatonna, MN; B.S. (University of Minnesota); M.A. (Florida State University); *Psychology*
Dr. Donald Dell

Frank Dana Kirschner, Liverpool, NY; B.S.E.E., M.S.E.E. (Syracuse University); *Electrical Engineering*
Dr. Herman R. Weed

Chaiyap Kunawong, Columbus; B.Arch. (KMIT, Thailand); M.Arch.; *Art Education*
Dr. Arthur Eiland

Hai Feng Kuo, Kaohsiung, Taiwan, R.O.C.; B.S. (National Chung-Hsin University); M.S. (The Utah State University); *Mechanical Engineering*
Dr. Seppo A. Korpela

Enid J. LaGesse, Worthington; B.S.B.A. (Roosevelt University); M.L.H.R.; *Labor and Human Resources*
Dr. L. A. Brown

Chun-Yue Andrew Lai, Hong Kong, Hong Kong; B.S. (Northwestern University); M.S.; *Electrical Engineering*
Dr. David L. Moffatt

Krishnan Lakshmanan, Raleigh, NC; B.S. (University of Madras); M.S. (Ohio University); *Chemical Engineering*
Dr. Robert S. Brodkey

Brenda Kay Laurel, Redwood City, CA; B.A. (DePauw University); M.F.A.; *Theatre*
Dr. Donald R. Glancy

Howoo Lee, Seoul, South Korea; B.S. (Seoul National University); M.S.; *Industrial and Systems Engineering*
Dr. Gordon M. Clark

In Mo Lee, Seoul, South Korea; B.S. Civil Eng. (Seoul National University); M.S.; *Civil Engineering*
Dr. Tien H. Wu

Jong-Kwon Lee, Seoul, South Korea; B.S. (Seoul National University); M.S. (Korea Advanced Institute of Science); *Metallurgical Engineering*
Dr. Susan S. Smialowska

Tain-Dow Lee, Tainan, Taiwan, R.O.C.; B.A. (Fu-Jen Catholic University); M.A. (Ohio University); *Education*
Dr. John C. Belland

Kuan-Ting Lin, Taiwan, R.O.C.; B.Ed. (National Taiwan Normal University); M.S. (University of Wisconsin-Stout); *Electrical Engineering*
Dr. Curt A. Levis

Nachimuthu Manickam, Coimbatore, Tamil Nadu, India; B.Sc., M.Sc., M.Phil. (Punjab University); *Mathematics*
Dr. Elichi Bannai

Charles H. Michler, Jr., Columbus; B.S.Agr., M.S.; *Horticulture*
Dr. David C. Ferree

Muriel Mitchell, Baltimore, MD; B.A. (Wittenberg University); M.S., M.B.A.; *Horticulture*
Dr. Wilbur A. Gould

T. Anil Mozhi, Coimbatore, Tamil Nadu, India; B.Tech. (Indian Institute of Technology, Kanpur, India); M.S.; *Metallurgical Engineering*
Dr. William A. Clark

Mohamed Mahmoud Nasr, Columbus; B.Commerce (Arab University of Beirut); M.B.A. (Wayne State University); M.A.; *Economics*
Dr. Howard P. Marvel

Marl Emma Nelson, Ninety Six, SC; B.A. (Greenville College); M.A.Ed. (Washington University); *Education*
Dr. Robert J. Silverman

Lorraine D. Normore, Canada; B.A. (McGill University); M.A., M.L.S. (University of Toronto); *Psychology*
Dr. Harvey G. Shulman

Cynthia Biddle Orlovich, St. Paul, MN; B.A. (Denison University); *Political Science*
Dr. Donald A. Sylvan

F. E. Ann Osborn, London, Ontario, Canada; Mus.Bac., M.A. (University of Toronto); *Music*
Dr. A. Peter Costanza

Rachel Karina Pannabecker, McPherson, KS; B.A. (Bluffton College); *Home Economics*
Dr. Lois E. Dickey

William Keith Parland, Parma Heights; B.S. (Grove City College); M.S. (Cleveland State University); *Zoology*
Dr. Paul C. Baumann

James Marvin Raber, Columbia Station; B.S.Agr., M.S.; *Pharmacology*
Dr. Steven M. D'Ambrosio

Randall David Reichenbach, Columbus Grove; B.A. (Bluffton College); M.A. (Ohio University); *Public Administration*
Dr. Sven B. Lundstedt

Rosemary Eleanor Riley, Youngstown; B.S. (Bowling Green State University); M.S.; *Home Economics*
Dr. Jean T. Snook

Philip Cole Ross, Jr., Huntington, IN; B.S. (Indiana University); M.S.; *Pharmacy*
Dr. Allan M. Burkman

Aleda V. Roth, Worthington; B.S.; M.S.P.H. (University of North Carolina, Chapel Hill); *Business Administration*
Dr. Leroy J. Krajewski

Stanley Van Aken Scott, Anchorage, AK; B.B.A. (University of Alaska at Anchorage); M.A.; *Business Administration*
Dr. Roger Blackwell

Robert Allen Sevier, Mt. Vernon; B.A. (Northwest Nazarene College); M.S. (University of Oregon); *Education*
Dr. William Moore

Joong Ho Shin, Seoul, South Korea; B.S.M.E. (Yonsei University); M.S.; *Mechanical Engineering*
Dr. Gary L. Kirzel

Augusta M. Simon, Pensacola, FL; B.A. (The University of West Florida); M.A.; *Communication*
Dr. William R. Brown

Eric Gersohn Singer, Columbus; B.A. (Macalester College); M.A. (University of Chicago); M.A.; *Political Science*
Dr. Charles F. Hermann

Jack Willard Smith, Jr., Columbus; B.S. (Virginia Polytechnic Institute); M.D. (West Virginia University); M.S.; *Computer and Information Science*
Dr. B. Chandrasekaran

Larry David Smith, York, SC; B.A. (University of South Carolina); M.A., Ed.S. (Appalachian State University); *Communication*
Dr. James L. Golden

Robert L. Stephens, Jr., Chicago, IL; B.S. (Purdue University); *Pharmacy*
Dr. Norman J. Uretsky

Cabrinl Smith Swassing, Monroe City, MO; B.A. (Benedictine College); M.A. (University of Connecticut); *Education*
Dr. Judy L. Gershaff

Rebecca Lynne Thomas, Stow; B.A., B.S., M.L.S. (Kent State University); *Education*
Dr. Charlotte S. Huck

David James Thornton, Hilliard; B.S. (State University College of Brockport); *Pathology*
Dr. Leopold Liss

Elaine G. Tulanowski, Dallas, PA; B.A. (College Misericordiae); M.A. (Seton Hall University); M.A.; *History of Art*
Dr. Francis L. Richardson

Phyllis Gottesman Turk, Cleveland; B.S.Ed. (City College, New York); M.A. (Case Western Reserve University); *Anthropology*
Dr. Erika Bourguignon

Jeffrey William Wadelin, Cuyahoga Falls; B.S.Pharm. (Ohio Northern University); M.S.; *Pharmacy*
Dr. Dev S. Pathak

Dale W. Wimberley, West Monroe, LA; B.A. (Louisiana Tech University); M.A.; *Sociology*
Dr. M. Katherine Meyer

Ming-Ming Wu, Taichung, Taiwan, R.O.C.; B.S., M.S. (National Chung-Hsing University); *Agricultural Economics and Rural Sociology*
Dr. David E. Hahn

Tyau-Her Young, Peikong, Taiwan, R.O.C.; B.S. (National Cheng-Kung University); M.S. (University of Cincinnati); *Engineering Mechanics*
Dr. Arthur W. Leissa

Anne M. Zajac, Lansing, MI; B.S. (University of Michigan); M.S., D.V.M. (Michigan State University); *Veterinary Pathobiology*
Dr. Rupert P. Herd

Daniel Ray Ziegler, Waco, TX; B.S. (Abilene Christian University); *Genetics*
Dr. Donald H. Dean

Master of Architecture

Timothy Alan Bass, Columbus; B.S.Arch.; *Architecture*

Frank Howard Burmesch, Belgium, WI; B.S. (University of Wisconsin-Milwaukee); *Architecture*

Daniel James Freytag, Sidney; B.S.Arch.; *Architecture*

Ji-Sook Han, Columbus; B.S.Arch. (Hanyang University); *Architecture*

Frank Luis Kubicki, Caracas, Venezuela; B.Arch. (Texas Tech University); *Architecture*

Darrell Girard Pappa, Independence; B.S.Arch.; *Architecture*

Master of Arts

Deanna Susan Ayres, Johnstown; B.A. (Michigan State University); *Education*

Sukia Bhattacharyya, Calcutta, West Bengal, India; B.S. (Calcutta University); B.Ed., M.S. (Jadavpur University); *Education*

Rebecca Rae Bosworth, Big Rapids, MI; B.S. (Michigan State University); *Psychology*

Elizabeth Ann Bryan, Columbus; B.A. (University of Kentucky); *Journalism*

Yifang Chao Badger, Taipei, Taiwan, R.O.C.; B.A. (Tunghai University); *Political Science*

Afrodita Maria Constantinidis, Cleveland; B.A. (Federal City College); *Education*

Julianne Cornack, Dublin; B.A. (Wayne State University); *Speech and Hearing Science*

Ronald Jeffrey Craig, Coal Grove; B.A.; *Linguistics*

Thomas Benedict Decker, Jr., Westerville; A.B. (Duke University); *Health, Physical Education and Recreation*

Mark Edward Denham, Bowling Green, KY; B.S. (Georgia Institute of Technology); M.Div. (Boston University); *Political Science*

Roderick H. Dillon, Jr., Columbus; B.S.Bus.Adm.; M.B.A. (University of Dayton); *Business Administration*

- Rose-Marie Drake**, Columbus; B.A.; *Education*
- Todd William Ederer**, Akron; B.S.B.A. [University of Akron]; *Business Administration*
- Gerald Vincent Emig**, Eddyville, KY; B.S. [Murray State University]; *Health, Physical Education and Recreation*
- Laura Anne Gast**, Gahanna; B.S.Ed. [Miami University]; *Speech and Hearing Science*
- Aleta Esther Gelb**, Marion; B.S.Soc.Wel.; *Sociology*
- Michael James Gill**, Binghamton, NY; B.S. [University of Scranton]; *Psychology*
- Josephine Benson Gjessing**, Columbus; B.A.; *English*
- Steven Douglas Gladman**, Columbus; B.A.; *Education*
- William John Gossard**, Grand Island, NY; B.A. [Reed College]; M.A.; *Education*
- Gayle Pauline Gottlieb**, Cincinnati; B.A.; *Speech and Hearing Science*
- Heleen Elaine Gregory**, Bloomville; B.S. [Heidelberg College]; *Public Administration*
- Zelnab Rachty Hamdy**, Columbus; B.A.; *Education*
- Lance Scott Hemmerich**, Olmsted Falls; B.A. [Baldwin Wallace College]; *Health, Physical Education and Recreation*
- Charlene Brow Henderson**, Frederickstad, VI; B.S. [Catholic University of Puerto Rico]; *Health, Physical Education and Recreation*
- Cynthia Sue Henn**, Dayton; B.S.Nat.Res.; *Education*
- Michael Joseph Huelis**, Versailles; B.S.; *Education*
- Lynn Reba Huston**, Mt. Sterling; B.S.Ed. [Ohio University]; *Education*
- Elizabeth Josephine Hutchison**, Columbus; B.A. [Ohio Dominican College]; *Education*
- Jennifer Lynn Inghram**, South Point; B.A. [Miami University]; *Political Science*
- Debra A. Jennings-Singleton**, Macon, GA; B.S. [Alabama State University]; *Sociology*
- Tracey Lynn Keames**, Westerville; B.A. [Otterbein College]; *Mathematics*
- Sunju Kwon**, Jeonju, South Korea; B.A., M.A. [Seoul National University]; *Economics*
- Ke-Jeng Lan**, Columbus; B.A. [National Chengchi University]; *Economics*
- Dana Joyce Landis**, Columbus; B.S.Soc.Wel.; *Public Administration*
- Bradford Charles Lautar**, Columbus; B.S.Ed.; *Education*
- Melinda Jane Lindsay**, Massillon; B.S.Ed.; *Education*
- Mark Owen Lombardi**, Smithfield, RI; B.A. [Purdue University]; *Political Science*
- Richard Edward Lucas**, Columbus; B.F.A. [Rhode Island School of Design]; *Art Education*
- Nancy Lee Madura**, Fredericktown; B.F.A. [Columbus College of Art and Design]; *Art Education*
- Richard Philip Mann**, Worthington; B.S. [Western Michigan University]; M.Div. [Canadian Theological Seminary]; *Education*
- Sarah Lipinsky Marow**, Columbus; B.A. [Mount Holyoke College]; *Classics*
- Guido F. Mascagni**, Bologna, Italy; Laurea [University of Genova]; *Romance Languages and Literatures*
- Carolyn Marie McManis**, Lanham, MD; B.A. [The University of Maryland]; *Linguistics*
- Mary Louise Menardi**, Worthington; B.A. [University of Colorado]; *Education*
- Martha Alice Miles**, Marion; B.S. [Bowling Green State University]; *Education*
- John Henry Milneik**, Aurora; B.F.A. [Kent State University]; *Photography and Cinema*
- Robin Lee Murray**, Columbus; B.A. [Oakland University]; *Education*
- Jeffrey A. Murrey**, Zanesville; B.A. [Kent State University]; *Education*
- Roger Lee Nlmps**, Omaha, NE; B.A. [University of Nebraska-Lincoln]; *History*
- Teresa Gibson O'Connell**, Delaware; B.S.; *Education*
- Kittle A. Palm**, Columbus; B.Art Ed.; *Art Education*
- Ward Thomas Patterson**, Columbus; B.A. [Principia College]; *Health, Physical Education and Recreation*
- Candace Jean Pauluck**, Lancaster; B.A. [Kent State University]; *Education*
- Julia Anne Pomererik**, Longview, WA; B.A. [Pacific Lutheran University]; *English*
- Matthew Byer Ralston**, Garner, NC; B.S.; *Mathematics*
- Granetta Lyndon Richardson**, Cookeville, TN; B.A. [University of Akron]; *English*
- Jill Long Riddle**, Circleville; B.S.Ed.; *Education*
- Rosemary Eleanor Riley**, Youngstown; B.S. [Bowling Green State University]; M.S.; *Health, Physical Education and Recreation*
- Megan June Rowe**, Lakewood; B.A. [Case Western Reserve University]; *Journalism*
- Kirk Anthony Rustin**, Macon, GA; B.A.; *Communication*
- Maureen Binder Ryan**, Columbus; B.S.Ed.; *Classics*
- Vicki Ann Sanders**, Augusta, GA; B.A. [Augusta College]; *Theatre*
- Susan Bales Schorling**, Columbus; B.A. [Bowling Green State University]; M.Ed. [College of William & Mary]; *Public Administration*
- Barbara Jean Schultz**, North Olmsted; B.A. [Cleveland State University]; *English*
- Scott Howard Seaman**, Columbus; B.A. [Wright State University]; *History*
- Billy Joe Shaw**, Columbus; B.S. [Miami University]; *Sociology*
- JaneJane Shieh**, Nan-Tou, Taiwan, R.O.C.; B.A. [National Chengchi University]; *Sociology*
- Elizabeth Ann Shumaker**, Caledonia; B.S. [Florida State University]; M.A. [University of Kentucky]; *Art Education*
- Ka Nigan Sia**, Batu Caves, Selangor, Malaysia; B.S.Ed.; *Education*
- Stephen Charles Siegfried**, Columbus; B.A.; *English*
- Arnold David Skurow**, Cincinnati; B.S. [University of Cincinnati]; *Education*
- Moon Hyun Song**, Seoul, South Korea; B.B.A. [Seoul National University]; *Business Administration*
- Martin Richard Speed**, Cincinnati; B.F.A. [University of Cincinnati]; *History of Art*
- Debra Ann Stollenwerk**, Columbus; B.A. [Ohio Dominican College]; *Linguistics*
- Timothy R. Tanner**, Newark; B.S.Bus.Adm.; *Education*
- Douglas Walter Taracuk**, Cardington; B.S. [Miami University]; *Health, Physical Education and Recreation*
- James Phillip Tatman**, Bexley; B.S. [Marietta College]; *Health, Physical Education and Recreation*
- Bradley Lewis Tindall**, Portsmouth; B.A.; *East Asian Languages and Literatures*
- Andrea Helen Valvano**, Columbus; B.S.Ed. [Otterbein College]; *Education*
- Amy M. Kleinhenz Vohsling**, Columbus; B.A. [Kent State University]; *Education*
- Marie Claire Walz**, Columbus; B.A. [Miami University]; M.S. [Wright State University]; *Psychology*
- John J. Weddendorf**, Columbus; B.S.Ed.; *Health, Physical Education and Recreation*
- Karen E. Whitney**, Delaware; B.S.Ed.; *Education*
- Dinah M. Wright**, Columbus; B.S. [Texas Woman's University]; *Education*
- David Roy Yocum**, Urbana; B.S.; *Education*

Master of City and Regional Planning

- Yunghua Fang**, Hsinchu, Taiwan, R.O.C.; B.E. [Fen Chia University]; *City and Regional Planning*
- Ngozi Nubarko Gbole-Nwladna**, Kono, Rivers State, Nigeria; B.F.A.; *City and Regional Planning*
- Ibrahim Bin Katop**, Teluk Intan, Perak, Malaysia; B.A. [Rutgers University]; *City and Regional Planning*
- Lindsey Leslie Ladd**, Urbana; B.A. [Central State University]; *City and Regional Planning*
- Randy Allen Mielnik**, Trenton, MI; B.S. [Northern Michigan University]; *City and Regional Planning*
- Abir Kumar Mullick**, Calcutta, WB, India; Diploma [National Institute of Design]; M.A.; *City and Regional Planning*

Humphrey I. Sowho, Sapele, Bendel, Nigeria; B.S.C. (Illinois State University); *City and Regional Planning*

Evangelia Sterniotou, Athens, Greece; B.S.; *City and Regional Planning*

Kenneth Bruce Wedeen, Oceanside, NY; B.A. (Allegheny College); *City and Regional Planning*

Master of Fine Arts

James Robert Corti, Youngstown, B.F.A. (Youngstown State University); *Art*

Pamela Filippi Foster, Erie, PA; B.S. (Edinboro University); *Art*

Linda Mills Keller, Columbus; B.A. (Indiana University); M.A. (Purdue University); *Art*

Master of Labor and Human Resources

Francisco Chiong, Columbus; B.A., M.A. (University of South Florida); *Labor and Human Resources*

Timothy John Cotter, Worthington; B.S.; *Labor and Human Resources*

Cheri Yvonne White, Savannah, GA; B.A. (Savannah State College); *Labor and Human Resources*

Master of Music

Randall Allen Riffe, Grove City; B.Mus.; *Music*

Master of Public Administration

Debbie Lathrop Davidson, Cincinnati; B.S.Soc.Wel.; *Public Administration*

Eric Matthew Geissler, Marion; B.S.Bus.Admin. (Bowling Green State University); *Public Administration*

Master of Science

Abdelaziz Makkawi Abdelrahman, Khartoum, Sudan Republic; B.S. (West Pakistan Agriculture University); M.S. (University of Agriculture); *Animal Science*

Vincent Edward Amato, Celina; B.S.C.E.; *Civil Engineering*

Barbara Lynda Armstrong, St. Catharines, Ontario, Canada; B.Sc. (McMaster University); B.Sc. (Queen's University); *Welding Engineering*

Dapo A. Arogundade, Ibadan, OYO State, Nigeria; B.S.Agr.; *Agronomy*

Sherry Asher, Guilford, IN; B.S.; *Mathematics*

Franco Edward Barber, Columbus; B.S.E.E.; *Electrical Engineering*

Vicki S. Barnitz, Columbus; B.S. (Troy State University); *Chemistry*

Thomas J. Barnum, Columbus; B.S.E.E.; *Electrical Engineering*

Kathleen Fay Berndt, St. Louis, MO; Bachelor's (South Dakota State University); *Geodetic Science*

William Mark Beyer, Pickerington; B.S.E.E.; *Electrical Engineering*

Rajiv Bhatnagar, Kanpur, U.P., India; B.Tech., M.Tech. (Indian Institute of Technology, Kanpur); *Nuclear Engineering*

James Alan Bingham, Columbus; B.S.E.E.; *Electrical Engineering*

Linda Marie Bingham, Columbus; B.S.E.E.; *Electrical Engineering*

Annette Sue Bissantz, Columbus; B.A. (Barnard College); M.A.; *Computer and Information Science*

Carlos Blanco, Madrid, Madrid, Spain; B.S. (University of Windsor); *Microbiology*

Christopher Bryan Bohne, Kimberly, WI; B.S. (University of Wisconsin-Platteville); *Civil Engineering*

Lee A. Brentlinger, Dublin, B.A. (Smith College); *Industrial and Systems Engineering*

Anne Elizabeth Browning, Portsmouth; B.S.Met.E.; *Metallurgical Engineering*

Mark Allen Carey, Cincinnati; B.S., M.S.; *Pathology*

Subhash Chandra Chandna, Agra-Cantt, U.P., India; B.Sc. (Ewing Christian College); B.Sc.Eng. (Birla Institute of Technology); *Geodetic Science*

Shu-Keung Chau, Columbus; B.S.E.E.; *Electrical Engineering*

Chengping Chen, Wuhan, Hubei, P.R.C.; B.S. (Huazong Agricultural College); *Entomology*

Ir-Gann Chen, Tainan, Taiwan, R.O.C.; B.S. (National Cheng Kung University); M.S. (The University of Alabama); *Metallurgical Engineering*

Xiao-Dong Chen, Hangzhou, Zhejiang, P.R.C.; B.S. (Fudan University); *Physics*

Yin-Heng Chen, Tainan, Taiwan, R.O.C.; B.E. (National Taiwan University); *Engineering Mechanics*

Kathy Sue Chevier, Columbus; B.S.; *Computer and Information Science*

Kangra Cho, Seoul, South Korea; B.S. (Soong-Jun University); M.S.; *Welding Engineering*

Harpal Singh Chohan, New Delhi, India; B.E., M.Sc. (Birla Institute of Technology & Science); *Civil Engineering*

Robert Allen Cobler, Delaware; B.S.A.A.E.; M.B.A. (University of Dayton); *Computer and Information Science*

William John Collier, Columbus; B.S.A.A.E.; *Aeronautical and Astronautical Engineering*

Amanda Corbett, Pittsburgh, PA; B.A. (Slippery Rock State College); *Natural Resources*

Samuel Scott Courts, Milton, WV; B.S. (Marshall University); *Physics*

Dimitrios Dambassinas, Athens, Greece; B.S.M.E. (Aristotelion University of Thessaloniki); *Industrial and Systems Engineering*

James Robert Dayton, Hillsboro; B.S.Agr.; *Agricultural Economics and Rural Sociology*

N. Beatriz Del Barco, Cochabamba, Bolivia; B.S. (University of Illinois); *Chemistry*

Charles L. Denniston, Columbus; B.S.M.E.; *Mechanical Engineering*

Richard Thomas Doarn, Toledo; B.S.Agr.; *Animal Science*

Patrick Douglas Donovan, Kirkwood, MO; B.S. (University of California, Davis); *Geodetic Science*

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Cheryl Anne Emmons, Tipp City; B.S.N. (Capital University); *Nursing*

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Nancy Elizabeth Folz, Springfield; B.H.S. (University of Kentucky); *Allied Medical Professions*

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Julie Ann Hutt, Columbus; B.S.; *Chemistry*

Maria Ines Icaza, Santiago, Chile; Licenciatura en Matematicas (Universidad de Chile); *Mathematics*

- Chil-Yeng Jeng**, Taipei, Taiwan, R.O.C.; B.S. (Chinese Culture University); *Animal Science*
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- Gregory Kenneth Johnson**, Russell, KY; B.S.Chem.Eng. (University of Kentucky); *Chemical Engineering*
- Kathy Anne Johnson**, Sunbury; B.S.; *Computer and Information Science*
- Janis Elaine Jones**, Bridgeport; B.S. (Ohio University); *Computer and Information Science*
- Galia Lea Kane**, Columbus; B.A. (The Hebrew University); *Computer and Information Science*
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- David Scott Keller**, Vienna, VA; B.S. (Virginia Polytechnic Institute); *Dairy Science*
- Sue Ellen Keyse**, Columbia Station; B.S.N. (Bowling Green State University); *Nursing*
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- Aidla Krishnaswamy**, Cleveland; B.S. (University of Madras); M.Arch; *Computer and Information Science*
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- Kin Yue Albert Lai**, Hong Kong, Hong Kong; B.S.E.E.; *Electrical Engineering*
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- Stephen Patrick Lewis**, Columbus; B.S.Nat.Res.; *Natural Resources*
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- Donald Alan Lieb**, Norton; B.S.E.E.; *Electrical Engineering*
- Dulsidan Liu**, Huxian, Shaanxi, P.R.C.; B.S. (Northwestern Telecommunication Engineering Institute); *Electrical Engineering*
- Yi Liu**, Zhen Jiang, Jiang Su, P.R.C.; B.S. (Peking University); *Physics*
- Yong Lu**, Hefei, Anhui, P.R.C.; B.S. (University of Science and Technology of China); *Physics*
- Reuben Nicholas Lubika**, Columbus; B.S. (North Dakota State University); *Environmental Biology*
- Mary Jo Lyons**, Columbus; B.S.N.; *Nursing*
- Jaime Maldonado**, Bogota, Colombia; B.S. (Universidad de Los Andes); *Civil Engineering*
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- Michael Dayton Menz**, Ashland; B.S.E.E.; *Bio-Medical Engineering*
- Gi Maria Miranda**, Curitiba, Parana, Brazil; B.S. (Universidade Federal do Parana); *Agricultural Economics and Rural Sociology*
- Alan Jerome Mortensen**, West Chester; B.S.A.A.E.; *Aeronautical and Astronautical Engineering*
- Phillip Allen Newsome**, Quitman, TX; B.S. (Texas A & M University); *Welding Engineering*
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- Muriel Schneider O'Connell**, Columbus; B.S.Nurs.; *Nursing*
- Pamela Jane Odson**, Mansfield; B.S. (Capital University); *Nursing*
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- Jeanne Jo Payne**, Louisville, KY; B.S. (University of Louisville); *Geodetic Science*
- David Harper Phillips**, Chillicothe; B.S.W.E.; *Welding Engineering*
- Craig Arthur Pollock**, Union City, PA; B.S.Agr.; *Agricultural Economics and Rural Sociology*
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- Juan Pablo Prieto-Cox**, Santiago, Chile; Licenciatura en Matematicas (Universidad de Chile); *Mathematics*
- Susana Fonseca Protasio**, Lisbon, Portugal; Metallurgical Eng. (Lisbon Technical University); *Metallurgical Engineering*
- Jian Qi**, Columbus; B.S. (Tsing-Hua University); *Chemical Engineering*
- Vitapanur Alwar Ravil**, Madras, Tamil Nadu, India; B.Sc. (University of Madras); B.E. (Indian Institute of Science); *Metallurgical Engineering*
- Michael Ron Reading**, Sharpsville, PA; B.S. (Pennsylvania State University); *Geodetic Science*
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- Danette Kay Richman**, Bristolvile; B.S. (Bowling Green State University); *Home Economics*
- Steven L. Rickenbacher**, Kenton; B.S.Agr.; *Agricultural Economics and Rural Sociology*
- Cynthia Jane Roberts**, Peoria, IL; B.S.N. (University of Iowa); *Electrical Engineering*
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- Cathy Sue Schafer**, Columbus; B.S. (Miami University); *Allied Medical Professions*
- Mark S. Schleppl**, Groveport; B.S.Agr.; *Agricultural Economics and Rural Sociology*
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- Ding-zhu Shi**, Shanghai, P.R.C.; B.S. (Fudan University); *Metallurgical Engineering*
- Sugie Shim**, Seoul, South Korea; B.S. (Seoul National University); *Physics*
- Yasuhiko Shimizu**, Yokohama, Kanagawa, Japan; B.E.Met.Eng.M.E.Met. Eng. (Yokohama National University); *Industrial and Systems Engineering*
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- William Philip Shulaw**, Cridersville; D.V.M.; *Veterinary Preventive Medicine*
- Alan William Smith**, Dayton; B.S.Agr.; *Entomology*
- Catherine Marie Smith**, Morton, IL; B.A. (Bradley University); *Computer and Information Science*
- Lee Thomas Sobczak**, Elma, NY; B.A. (State University New York at Buffalo); *Geodetic Science*
- Steven Keith Somerson**, Columbus; B.S.E.E.; *Bio-Medical Engineering*
- Ock-Hee Song**, Daejeon, South Korea; B.S. (Seoul National University); *Home Economics*
- Thomas R. Stanley, Jr.**, Toledo; B.S. (Kent State University); *Zoology*
- James Michael Starbuck**, Columbus; B.S.C.E.; *Civil Engineering*
- Emily Jean Stutz**, Columbus; B.A. (Wittenberg University); *Anatomy*
- William Brian Thacker**, Carlisle; B.S.Met.E.; *Metallurgical Engineering*
- David Lee Thorson**, Phoenix, AZ; B.S.I.S.E.; *Industrial and Systems Engineering*
- Yiling Catherine Tien**, Columbus; B.Mus.; *Computer and Information Science*
- Deila Eng Treaster**, Columbus; B.A. (Oberlin College); *Industrial and Systems Engineering*
- Arribaldo Vasquez**, Santo Domingo, Dominican Republic; Licenciado (Universidad Nacional Pedro Henriquez Urena); *Agricultural Economics and Rural Sociology*
- Vasudevan Venugopal**, New Delhi, India; B.Tech. (Indian Institute of Technology, New Delhi); *Computer and Information Science*

Debra Ann Walters, St. Louis, MO; B.S.
(University of Missouri-Columbia); *Natural
Resources*

Salim Sami Wawwe, Toledo; B.S. (The University of
Toledo); *Civil Engineering*

Mary Ann Wilcox, Upper Arlington; B.S.N. (Saint
Xavier College); *Nursing*

Michael Joseph Wozniak, Northfield; B.S.Cer.E.;
Ceramic Engineering

Catherine Ann Wright, New Carlisle; B.A., B.S.N.
(Indiana University); Cert.Nurs.Anest.; *Allied
Medical Professions*

Desheng Xu, Nanjing, P.R.C.; B.S. (Nanjing
Medical College); *Microbiology*

Jamal Saleh Yassin, Columbus; B.Sc.Mech.Eng.
(Mosul University); *Aeronautical and Astronautical
Engineering*

Nancy Jean Yost, Palm Bay, FL; B.S.M.E.; *Nuclear
Engineering*

Raymond Michael Yurick, Akron; B.S.Ch.E.
(University of Akron); *Chemical Engineering*

Bryan James Zehner, Dayton; B.S.; *Chemical
Engineering*

Xiao-Cheng Zeng, Beijing, P.R.C.; B.S. (Peking
University); *Physics*

Yang Zhu, Beijing, P.R.C.; B.S. (Peking University);
Physics

Brian Scott Zimmerman, Lititz, PA; B.S. (Juniata
College); *Geology and Mineralogy*

Master of Social Work

John Robert Kreuz, Columbus; B.A. (Toledo
University); M.S. (Xavier University); *Social Work*

Geoffrey L. Scowcroft, Columbus; B.A. (City
University of New York); *Social Work*

Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans:
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The Colleges of the Arts and Sciences, a
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College of the Arts
College of Biological Sciences
College of Humanities
College of Mathematical and Physical Sciences
College of Social and Behavioral Sciences

College of the Arts

Dean: Andrew J. Broekema

Bachelor of Arts

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Susan Jean Barringer, Mansfield
Jonathan Reginald Cooper, Cleveland
Thomas Robert Enesey, Columbus
William Brian Farmer, Griffith, IN
Jonathan Marc Herzenstein, South Euclid
Wayne Wilson Lyons, Worthington
Thomas Brandt Mertz, Greensboro, NC
Teresa M. Pummell, Columbus
Christine Renee Roy, Groveport

Bachelor of Fine Arts

Barry Dean Andrews, Columbus
Dyrik Michael Ashton, Perrysburg
Sarah Tobitt Freeman, Worthington
Ann Selden Livingston, Columbus
Monica Marie Mitro, North Royalton
Elizabeth Anne Reichel, Bexley
Ira Russo, Manhasset, NY

Bachelor of Music

Melanie May Johnson Peters, Centerville
Robert H. Lowe, Appleton, WI

Bachelor of Art Education¹

Katryn Jayne Smith Duly, Mentor
Mary Anne Szymkiv, Columbus

Bachelor of Art Education²

Stephanie Bart-Horvath, Long Island City, NY
John Baughman Denune, Granville

Margaret Lynn Everett, Laureville
Tammy Kennedy, Centerburg
Michelle Rose Sirene, Sandusky
Lois Ann Weaver, Marysville

Bachelor of Music Education³

Sarah Elizabeth Baxter, Mansfield
Shelly Ann Clay, Mendon
Jerome Leo DeBrosse, Coldwater
Melanie May Johnson Peters, Centerville
Brian Randall Leist, Stoutsville
Michael George Martin, Columbus
Karl Paul Paoletti, Columbus
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Bachelor of Science in Industrial Design

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College of Biological Sciences

Dean: William A. Jensen

Bachelor of Arts

Lynne Renée Bush, Zanesville
Robert Lawrence Dowe, Jr., Columbus
James Martin Rico, Richmond Heights

Bachelor of Science

Marquita Neyland Allen, Toledo
Brooke Lee Barger, Delaware
Laurie Ann Brewer, Roswell, GA
Keith Edward Burke, Portsmouth
Lynn Marie Castle, Novelty
Maria Siobhan Fennesy, Columbus
Debra Ann Gamertsfelder, Canton
Susan Beverly Grant, Upper Arlington
Edward Henry Holliger IV, Warren
Joseph Robert Hunter, Tiffin
Todd Allen Jolliff, Marion
Jacqueline Ann Kelly, Kettering
Giheung Kim, Seoul, Korea
Alberto Enrico Marra, Mayfield Heights
Craig Alan McEldeery, Centerville
María del Carmen Mercado, San Juan, PR
William R. Musick, Euclid
Kellie Estelle Neet, University Heights
Sherry Jane Neff, Henderson, KY
Mark Stephen Pack, Ironton
Susan Lynn Ranick, Worthington
Douglas W. Rogers, Baltimore
Donald Leo Roman, Mansfield
Fredrick K. Rzepka, Highland Heights
Howard Morris Schecht, Youngstown
Shane Orndorff Summers, Zanesville
Gary Murray Talcott, Jr., Burton
Jerry R. Thomas II, Canton
Sandra Lea VerHage, Elkhart, IN
Mark Steven Woodrey, Trenton

College of Humanities

Dean: G. Micheal Riley

Bachelor of Arts

Lawrence Christopher Berg, Parma Heights
Ileana Patricia Chaves, San Jose, Costa Rica
Monica Mary Cianelli, Delaware
Michael Roy Frontani, Fairborn
Robert John Gaddis, Cincinnati
Elizabeth Lewis Goudy, Columbus
Brian Lee Haynes, Columbus
Sharon Kay Hilborn, Frankfort, KY
William Lance Hunt, Worthington
Viola Elizabeth Jackson, Durham, NC
Jeffrey Alan Klosterman, Coldwater
Stuart Jay Koblenz, Marion
Edward Francis Kozielek, Columbus
G. Loren Kravig, Columbus
Jean Marie Lindsey, Poland
Amy Jo McNabb, Westerville
Jerrilyn McNamara, Worthington
Douglas Alan O'Rourke, Portsmouth
Daniel Jordan Pitcher, Columbus
Edoardo Paolo Pasquale Roncone, Columbus
Srividhi Saikaja Sastry-Kuppa, Hyderabad, India
Amy Jo Scott, Columbus
Jennifer Louise Stara, Cincinnati
Kevin E. Stover, Columbus
Charles Edward Ticknor III, Mansfield
Janet Lee Varhola, Garfield Heights
William Bernard Werner, Kettering
Sarah Lynne Whybrew, Upper Arlington
Kathryn L. Williams, Dresden
Don J. Young IV, Columbus
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College of Mathematical and Physical Sciences

Acting Dean: John O. Riedl, Jr.

Bachelor of Arts

Douglas E. Alsdorf, Wooster
Joseph Robert Ellerbrock, Dublin
Patricia Goodman McVinn, Kettering
Mark T. Ryan, Columbus
Bryan Todd Schneider, Stow
Constance Ellen Wiseman, Columbus

Bachelor of Science

Karl Eric Barber, Gahanna
William E. Beatty, Columbus
Michael D. Bechtol, Coshocton
Michael D. Bondoc, Hamilton
Vanna Chiou, Thailand
Andrea Donnellan, Arlington Heights, IL
Frances L. Frost, Worthington
Catherine JoAnn Gessler, Westerville
Michael Whittier Grant, Columbus
Joseph W. Gueulette, Mt. Vernon

¹ Offered by the College of the Arts

² Offered by the College of the Arts and the College of Education

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 Douglas Hayes Higbee, Ashtabula
 Ian Kane, Jerusalem
 Daniel Edward Matej, Parma Heights
 Bernadette Marie Moyer, Warren
 Rafael Pagan, Lorain
 Bryan Keith Rose, Wilmington
 Andrew Nicholas Schaer, Powell
 Harold Charles Schafer, Jr., Lima
 Thomas Mulloy Seelbach, Columbus
 Benjamin Johnson Slane, Chardon
 Kelly Campbell Smith, Union
 Scott Douglas Spensiero, Parma
 Timothy M. Thomas, Sylvania
 Laura J. Tomis, Dublin
 Robert Lewis Tripp, Columbus
 Jeffrey L. Washburn, Morral
 Gregory Charles Wendt, Worthington
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College of Social and Behavioral Sciences

Dean: Joan Huber

Bachelor of Arts

Shafia Abdush-Shakur, Dayton
 Douglas Charles Amheiser, Polk
 James Richard Auclair, Columbus
 Kathryn Mary Barrett, Columbus
 Robert Edward Bence, Wyoming
 John David Berlekamp, Tiffin
 Sheila Mae Blackburn, Lisbon
 Christopher E. Borghese, Groveport
 Dawn E. Brown, Columbus
 Mark Owen Bungart, Grove City
 John Ray Burton, Dayton
 Michael Edward Busch, Cincinnati
 Brad R. Byers, Perrysville
 Juli Ann Byers, Cincinnati
 Kristin Jo Carmel, Mansfield
 Suzanne Marie Chaplin, Rocky River
 Paul Andrew Colbert, Grandview Heights
 Thomas John Cooke, Worthington
 Lisa Marie Creatura, Canfield
 Gregory L. Dawkins, Jamestown
 Anthony J. Demana, Columbus
 Jo Elin Netts DuBois, Dublin
 Jeffrey Scott Duff, Dayton
 Sheila Eileen Egan, Columbus
 Robert Sayre Ehlers, Jr., Worthington
 Karen L. Ehrhardt, Medina
 Joseph Robert Ekins, Columbus
 Susan Elizabeth Erwin, Columbus
 Michele Snow Faulstich, Columbus
 Kelly Dean Feasel, Westerville
 Elizabeth Quigley Fox, Chagrin Falls
 Marco Antonio Franca, Sao Paulo, Brazil
 Suzanne Lynn Gable, Parma
 Susan Marie Gabriel, Columbus
 Russell Hayden Gilbert, Wintersville
 Stacy Fran Gill, South Euclid
 Allen Eric Gold, Beachwood
 Sheri Lynn Golden, Columbus
 Linda Marie Goodheil, Millersport

Dreama Elaine Gose, West Jefferson
 Susan Marie Grundtisch, Angola, NY
 Ronald Steven Harbert, Bridgeport, WV
 Judith Cody Hassink, Solon
 Leyla Anne Hawkins, Sylvania
 Randy Shawn Hayes, Mansfield
 Angela Gail Haynes, Columbus
 Andrew Scott Heins, Dayton
 Kimberly Jane Holcomb, Ashland
 Jeffrey Hall Jordan, Worthington
 Joe Andrew Kavinsky, Campbell
 Kathryn Joyce Keathley, Omaha, NE
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 Wendy Elizabeth King, Woodstock, NY
 Andrew J. Knazek, Solon
 Steven Alan Kodish, Akron
 Monte Joseph Kushkin, Bath
 Kammy Teresa Laycock, Stuart, FL
 Richard William Lutterbie, Cincinnati
 Sarah Elizabeth Lutz, Upper Arlington
 Juliana Marinkovich, Campbell
 Jeffrey Alan Martin, Greenville
 Maria Beth Mastracci, Columbus
 Matthew James Mayer, Mansfield
 Harold Arthur McCabe, Jr., Columbus
 Kelly A. McCauley, Mt. Gilead
 Cecelia Ann McFadden, Columbus
 Paul Richard Kimo Miller, Newton, Upper Falls, MA
 Hugh D. Mills, Cleveland
 Darla Kay Moore, Bellefontaine
 Jimmy L. Moore, Jr., Tempe, AZ
 Sonya Renae Moser, Kent
 Christopher Brent Myers, Mansfield
 Mark Anthony Nacci, New Philadelphia
 John William Nail, Mansfield
 Thomas Daniel Nann, Columbus
 Edward Meyer Newman, Akron
 Lynne Lucretia Niday, Gallipolis
 Steven Joseph Nosse, Richmond Heights
 Sarah Louise O'Brien, Columbus
 Lisa Ann Orlando, North Canton
 Helen Politis, Canton
 Mary Annette Potter, Columbus
 Jennifer Marie Prochnow, Kent
 Michael Cotter Rea, Columbus
 Sean Michael Reardon, Edina, MN
 Jeffery John Righter, Worthington
 Constance L. Ryland, Columbus
 Jane Ellen Saddler, Elyria
 Steven Michael Salopek, Akron
 Steven Verne Salvi, Bedford
 Carl L. Sanders, Richmond
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 Jami Lynn Schwartz, Cincinnati
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 Jane Lee Simmons, Norton
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 Timothy Allen Swank, Upper Arlington
 Carol Ann Tackett, Piketon
 Vicki Lee Trapp, Gallon
 Craig Gerard Travers, Upper Arlington
 Derek L. Villalobos, Columbus
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 Charles Linsley Webster, South Euclid
 Karri Marie Weeda, Dayton

John Lee Wellman, Greenville
 Johnnerik Cederloo Wenar, Columbus
 DeeAnn Willis, Columbus
 Jeffrey Wayne Wilson, Columbus
 Ricardo Eugene Wilson, Williamsport, PA
 Sara Helen Woollett, Irvine, CA

Bachelor of Science

Kathryn Mary Brant, Dayton
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 Cathleen Marie Calahan, Lorain
 Ronald Kevin Cope, North Canton
 Sandra Jean Crawfis, Bellefontaine
 Vera Lill Enesey, Upper Arlington
 Stephanie Ann Ford, Upper Arlington
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 Merry Northrup Smith, Richwood
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School of Journalism

Bachelor of Arts in Journalism

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 Veronica Annette Allen, Columbus
 Sabrina Jo Bolus, Brooklyn, NY
 Stephen Wayne Brenner, Bucyrus
 Robert Werner Brichmann, Chardon
 Brian Bursack, Columbus
 Nancy Michele Decker, Columbus
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 Cynthia Kay Hedrick, Warren
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 Suzanne Maria Priore, Columbus
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 Julie Truck Tatge, Columbus
 Daniel Robert Verdon, Granville
 Michael J. Wainwright, Cincinnati
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 Eric David Wygle, Marion

College of Administrative Science

Dean: H. Justin Davidson

Bachelor of Science in Business Administration

Jennifer Lynn Abernethy, Steubenville

Esther Mary Ahtner, Dublin
 Gregory Eugene Ackerman, Powell
 Nancy Lee Adams, Worthington
 Gil Ahroni, Columbus
 Gary Douglas Alders, Centerville
 Daniel Joseph Allen, Rocky River
 Carla Kitt Allison, Gahanna
 Elizabeth Wells Almond, Granville
 William Charles Anderson, Marysville
 Robert Frank Andrews, Delaware
 Linda A. Ansted, Columbus
 Deborah Ann Ault, Caledonia
 Ronald Jerome Bachman, Cleveland
 Daniel Karl Balaioski, Columbus
 Janet Ann Balzer, Chillicothe
 Robert Charles Anthony Bannerman, Columbus
 Larry Duane Barth, Westerville
 Jana Lynne Batten, Greenville
 Darrell Louis Battle, Columbus
 Mary E. Battocletti, Columbus
 Vernon Lee Beatty, Jr., Waverly
 Rebecca Susan Bell, Westerville
 Thomas D. Bell, Columbus
 Marilyn Gail Bergman, Westerville
 Sally Elizabeth Bogart, Columbus
 James Howard Borden, Jr., Columbus
 William Charles Boss II, Columbus
 Elizabeth Anne Bowling, Circleville
 Jeffrey Lee Brake, Columbus
 Jennifer Leigh Brandt, Upper Arlington
 Gretchen Kay Brandts, Celina
 Dennis Edward Brough, Newark
 Pamela Jean Brown, Bryan
 Lori Beth Browning, Laguna Hills, CA
 Steven Lee Buchenroth, Bellefontaine
 Laura Elaine Busch, Worthington
 Joseph Gary Buxton, Fairfield, CT
 Darletta Jane Calison, Newark
 Christopher Duncan Campbell, Hudson
 Robert George Campbell, Columbus
 John Raymond Cardinal, Columbus
 Thomas Earl Carpenter, Corning, NY
 Sean Patrick Casey, Salem
 Raymond Joseph Catalano, Wooster
 Joseph Michael Ceneskie, Columbus
 Kathleen Cherubini, Zanesville
 Elena Basil Christo, Elyria
 Brian David Cinadr, Brecksville
 Carolyn J. Cole, Poland
 Alan Elhannon Collins, Springfield
 Ray Leonard Colyer, Zanesville
 Tracy Scott Comisford, Alexandria
 Deborah Lynne Conlon, Rancho Palos Verdes, CA
 Jeffrey Blair Converse, Akron
 Marcia Elaine Crawford, Cincinnati
 Julie Diann Crotuf, Massillon
 Eric Joseph Davis, Cincinnati
 James Alan Davis, Amanda
 Tamara Lee Davis, Columbus
 Michael J. Deeb, Boston, MA
 Dominic John DeMarco, Cincinnati
 Susan Colleen Dennis, Wilmington
 Lan Linh Do, Columbus
 Ray Anthony Doce, Mentor
 DeAnn Irene Douce, Marion
 William Francis Drake, Columbus
 Angelea Lillian Dukes, Baltimore, MD
 Kevin Lee Easton, Urbana
 William Glen Edwards, Zanesville

Robin Dawn Elbrand, Beachwood
 John D. Embaugh, Blacklick
 Robert Jeffery Fadorsen, Columbus
 Scott Michael Farey, Canton
 Sheryl Lynn Farr, Grand Rapids, MI
 Gerny Marie Fay, Lakewood
 Elicia L. Finnell, Columbus
 Angela Maria Flacche, Dublin
 Karen Jacobson Flaherty, Circleville
 Douglas Alan Flay, Columbus
 Wilbert Stuart Folds, Columbus
 Timothy Lewis Fondy, Dayton
 David Jeffrey Ford, Columbus
 James Frederick Foster, Trotwood
 Edward Louis Frank, Jr., Forest Park
 Holly Lynn Freedman, Cincinnati
 John Thomas Friebe, Shelby
 Kristen Margaret Friend, Columbus
 Lilly Ann Fronista, Dayton
 Barbara Lyn Furniss, Harrisburg
 Claudio Gagliardi, Jr., Middleburg Heights
 Michael Lee Gahan, Furlong, PA
 Glenn Edward Gamary, Lakewood
 Ann Teresa Garman, Akron
 James Thomas Ghegan, Jr., Gahanna
 Julie Elizabeth Gilbert, Dayton
 Michael Joseph Godles, Elyria
 Robert Richard Goidics, Warren
 David Philip Goldstein, Cleveland
 Mark Peyton Goodell, Cincinnati
 Christine M. Gordon, Garden City, NY
 Mary Ellen Grant, Columbus
 Gregory Joseph Greve, Botkins
 Eric Vonn Griffith, Steubenville
 William Howard Grindle, Ashland
 William Michael Grogan, Cincinnati
 Regina Mary Gruenwald, Cincinnati
 Robert Curtis Gwinn, Hilliard
 Kimberly Renée Harden, Cleveland Heights
 Kris S. Hauser, Bexley
 Scott Allen Heidebaugh, McComb
 Jeffrey Robert Hixson, Marysville
 Holly Elaine Houck, Mansfield
 Rita Marie Howlett, Worthington
 James Augustine Huber, Grafton
 William John Hufgard, Mentor
 Keith Bernard Jenkins, Columbus
 Stephen Douglas Jensen, Pepper Pike
 William Taubly Johnson, Beaver
 Martin Lee Johnston, Circleville
 Lorraine Michelle Jones, Powell
 Tina Marie Jones, Toledo
 Patricia Josvoski, Columbus
 Kenneth Robert Jupp, Mentor
 Swee-Khee Kang, Singapore, Singapore
 Ann Gail Karrick, Worthington
 Karen Cathleen Kennedy, Cincinnati
 Edward F. Kilbane, North Olmsted
 Kenneth Jon Kinder, Lexington
 Sharon June Kochheiser, Lexington
 James Markee Kramer, Akron
 Louis Jacob Kull III, Cincinnati
 Nicholas Raymond Lang, Worthington
 Bruce Edgar Lawhurn II, Fort Myers, FL
 Kenneth John Lee, Sebring
 Amy Irene Leggett, Columbus
 Sandra L. Lewis, Powell
 William Evan Lewis, Vandalia
 Valerie Lee Lockhart, Columbus

Julie Ellen Lopez, Ashland
 Tu Vy Lu, Columbus
 Peter Sanford Lundstedt, Columbus
 Robert B. MacIvor, Walpole, MA
 William Joseph Mackin, Columbus
 Paul S. Mager III, Lorain
 Mary Martha Mahle, Worthington
 Kristine Ann Malone, Columbus
 Craig William Marmie, Newark
 Christi Lynne Marsh, Columbus
 Thomas Francis Martin, Worthington
 Lee A. Marxen, Highland Heights
 Arthur Lynn McKinley, Reynoldsburg
 Julie Ann McKinley, Grove City
 Christopher J. McMasters, Columbus
 Scott Duncan Mc Vean, Columbus
 Raymond Leon Mercer, Jr., Beavercreek
 Myfanwl Jane Meyrick, Columbus
 Bruce Michael Miller, Shaker Heights
 Priscilla E. Miller, Columbus
 Michael Everett Mills, Columbus
 Steven Richard Mills, Columbus
 Daniel Anthony Molloy, Cincinnati
 Mary B. Mongold, Wilmington
 Tracie Elizabeth Monroe-Stone, Heath
 Shawn Paul Moore, Kenton
 Richard Matthew Morgan, Columbus
 Lesley Deanne Morlock, Toronto, Ontario
 Robert James Morris, Cincinnati
 Michele Diane Murik, Pickerington
 Kenneth James Myer, Columbus
 Richard Patrick Navin, Dayton
 Brenda Marie Neal, Columbus
 Natalie Annette Neilands, Naperville, IL
 Hien Thi Nguyen, Columbus
 John Joseph Nicely, Madison
 Nancy Billiter Nichols, Whitehall
 Sean Thomas O'Farrell, Fremont
 Bradley Robert Ohlemacher, Elyria
 Leif Helton Olson II, Midland, TX
 Jeri Lynn Otto, Columbus
 Keith Allen Palevsky, Pepper Pike
 Keith Edward Parker, Westminster, MD
 Carrie Lynn Peake, Apalachin, NY
 Laura Lee Penner, Loveland
 Jeffrey Charles Pettys, Findlay
 Walter Joseph Pishkur, Hubbard
 Michael Joseph Pordan, Fairview Park
 Kimberly Ann Posey, Youngstown
 Colleen Price, Westerville
 James Jackson Purman IV, Buckeye Lake
 Frank A. Ramirez, Columbus
 Jerry Dean Ramsey, Orville
 Munsell Randall, Huntington, WV
 William Marshall Raymond, Bay Village
 Daniel Alexander Regidor, Skokie, IL
 Mary Ann Rehl, Westerville
 Joseph P. Reinmann, Lakewood
 John David Riedel, Attica
 William Allen Riggsby, Columbus
 Keith Rodgers, Cincinnati
 Antonio Manuel Rosario, Columbus
 Susan Jo Rose, Hinckley
 Linda M. Sanok, Columbus
 John Schroepfer, Marion
 Daintria Winsor Schuster, Columbus
 Billie-Jo Schwieterman, Columbus
 Mark Douglas Sellers, Columbus
 Keith Joseph Sharick, Champion

David Earl Shepard, Greenville
 Stephen Allen Shepard, Reynoldsburg
 Tod L. Shockey, Vienna
 Jude A. Skove, Long Branch, NJ
 Glenn Gerard Smagatz, Riverwoods, IL
 Jeffrey Sterling Smith, Columbus
 Joan Mather Smith, Columbus
 Lynn Anne Solomon, Columbus
 Jeffrey Earl Sprague, Lima
 John Walker Sprecher, Columbus
 Earl Andrew Spriggs, Newark
 Giri Utomo Sriyono, Semarang, Indonesia
 Barry Alan Steinman, Mayfield Village
 Karen JoAnn Stewart, Montgomery
 Kathryn Elizabeth Stima, Shelby
 Lynn Marie Stueve, Dayton
 Judith Gail Theodos, New Albany
 Jeffrey Alan Thomas, Findlay
 Nicholas James Tomashot, Dayton
 William Allan Tupes, Pepper Pike
 Anthony Ray Turner, Montpelier
 Paul Douglas Vanderboegh, Marion
 Donald Charles Von Ins, Ashville
 Mark Anthony Wagner, Cleveland
 Roger Francis Wagner, Galion
 Beth Ellen Walker, Shelby
 Terasa Jo Walker, Lynchburg
 Kimberly May Waters, Dover
 Kristin Lynn Watt, Huron
 Philip Lawrence Wells, Cleveland
 Joanne Jean Werling, Fremont
 Judith Ann Whalen, Dayton
 Amy Marie White, Berea
 Julia M. Williams, Columbus
 Thomas Hale Williams, Newark
 Donald Gregory Wilson, Grove City
 Scott David Winer, Fairlawn
 Annie E. Wiseman, Columbus
 Darcy Kay Wolff, Brunswick
 Cheryl Marie Workman, Dalton
 Timothy Alan Wright, Newark
 Shuyi Wu, Columbus
 Thomas Albert Wycoff, East Liverpool
 Terry Lee Zahner, Mansfield
 Robert Urban Zimmer, Dayton

College of Agriculture

Acting Dean: Frederick E. Hutchinson

Bachelor of Science in Agriculture

Richard John Alden, Painesville
 Rachel Camille Alexander, Athens
 Brian Daniel Arnold, Bethel Park, PA
 Stephen Joel Bailey, Xenia
 Van Evan Barber, Westfield, NY
 Mary Alice Battrell, Albany
 Judy Gebhart Bear, Westerville
 Douglas Charles Beck, Kent
 Heather Ann Blessing, West Lafayette, IN
 Bruce Olsen Bowman, Elmore
 Herbert Louis Breymler, Granville
 Eric James Burkholder, Lima
 Maria Renee Caldwell, Beaverville
 James Harry Chakeres, Washington Court House
 John Albert Corso, Sandusky

Lynda Sue Davis, Columbus
 Joseph Robert Dawson, Gahanna
 Mickey Lou DeCarlo, Wooster
 Jeffrey Lee Ellis, Somerset
 George Robert Emerson, Yorkville
 Charles Richard Ferrell, Jr., Dresden
 Jay Goodwin Foster, Dennisport, MA
 Jeff Alan Frontz, Bellville
 Martha Ann Gonzalez, Cincinnati
 Richard John Griffin, Lancaster
 Bradley Ray Harmon, Martinsville
 Michael Joseph Hlavaty, North Royalton
 William Craig Jones, Chagrin Falls
 Lee Michael Klingshim, Avon Lake
 John Paul Knapp, Shelby
 Anthony John Kramer, Wapakoneta
 Sharon Marie Lamson, Guernsey
 Gregory Mark Lavan, Medina
 Jeffrey Paul Lucas, Whitehall
 Jon William Mason, Marengo
 Janet Clark McCafferty, Marysville
 John Stephen McDaniel, Urbandale, IA
 Scott Alan McLain, Columbus
 Thomas Dean McWhirter, Marietta
 Tammy Clifton Morris, Wooster
 Randall Leroy Motter, Anna
 Edmund George Norwick III, Pepper Pike
 Larry Anthony Nye, Malinta
 Martin Wesley Park, Bellefontaine
 Gordon Kenneth Pepper, Lexington
 Mark Ira Pittman, New Concord
 Karen Ann Powell, Kent
 Joseph William Priess, Mansfield
 Leslie Grace Prochaska, Medina
 Rhonda Ravenhorst, Stamford, CT
 Daniel Roger Rhodes, Oak Harbor
 Diane Sue Richter-Lang, Gibsonburg
 Victor James Schnipke, Hamler
 Joan Renee Shawhan, South Charleston
 Dale Eugene Sidle, Shreve
 Daniel Martin Slagle, Ohio City
 Ronald Lee Smith, Quaker City
 Dale Louis Taylor, Columbus
 Martin Jude Tremmel, Norwalk
 David Richard VanBuren, Kirkersville
 Douglas Mark VanVleet, Cincinnati
 Truc Ngoc Vo, Columbus
 Holly Elizabeth Waldelich, Circleville
 George William Wallace, Burgoon
 Terri Lynn Warner, Bellevue
 Anne Elizabeth Wilusz, Toledo
 Darlene Louise Witschger, Cincinnati
 Larry Duane Wood, Burbank
 Lora Kay Wornstaff, Ashley
 Edward Arthur Zimmerman III, Radnor

Bachelor of Science in Food Science

Michael Charles Chlysta, Ravenna

Bachelor of Science in Food Technology

Robert Harold Knapp, Columbus
 Ted Christopher Skapura, Garfield Heights
 Kimberley Jean Wallace, Athens

Bachelor of Science in Nutrition

Nancy Ellen Andreano, Youngstown

School of Natural Resources

Bachelor of Science in Natural Resources

Randall Gene Davis, Tipp City
 Charlotte Emily Hammar, Columbus
 John Edward Isenagie, Whitehall
 Jill Itsuko Kasai, Columbus
 Thomas James Kiger, Bowling Green
 Allen Neil Leab, Kettering
 Brenda Kaye Madison, Kilbuck
 Bruce Don McCoy, Leetonia
 Jeffrey James Nordhaus, Ottawa
 Myra Jane Now, Celina
 Craig Michael Ritchie, St. Louis, MO
 Rebecca Jean Rose-Weldinger, Columbus
 Karen Diane Scranton, West Alexandria
 Marie Elizabeth Thoms, Reynoldsburg

Agricultural Technical Institute — Wooster

Associate in Applied Science

Darrin Lewis Bookman, Loudonville
 Richard Joseph Boutton, Cleveland
 Douglas Wayne Cincurak, North Canton
 Charles Wayne Collins, Jr., Blanchester
 Jeffrey P. Cozy, Louisville
 Leslie Allan Culler, Edgerton
 Thomas V. Culp, Alliance
 Elizabeth Ann Davidson, Cuyahoga Falls
 Mark A. Douglas, Mentor
 Kevin Lee Dues, Coldwater
 Timothy John Green, Alliance
 Denise Lucille Herman, Holmesville
 Gerald Joseph Hofmeister, Walhonding
 Christopher Scott Keener, Dalton
 Delynn Rose Koenig-Culp, Wooster
 Michael Joseph Kral, Euclid
 Gregg Allen Lilemon, West Unity
 Michael Richard Lynch, Columbus
 Robert Charles Maddux, Jr., Cincinnati
 Crosby Lee McDorman, Harrod
 Michael Franklin McFrederick, Elyria
 Jeffrey David Milko, Elyria
 Ronald William Moore, Canton
 Patrick James O'Linn, Lyndhurst
 Martha Joy Saltzman, Avada
 David Charles Savage, Fredericktown
 James Andrew Schuller, Mentor
 Clark Allan Smith, Willard
 Gary Edward Verhoff, Columbus Grove
 Charles J. VonHof, Wickliffe
 Tony Lee Wadsworth, Oak Harbor

College of Dentistry

Dean: William R. Wallace

Certificate of Graduate Dental Hygienist

Angela Gail Haynes, Columbus

College of Education

Dean: Donald P. Anderson

Bachelor of Science in Education

Lisa Dawn Allen, Gallipolis
Thomas Daniel Allison, Aliquippa, PA
Margaret Anne Ashley, Wauwatosa, WI
Anita LaChonne Bailey, Hamilton
Michael Virgil Baird, West Jefferson
Mary Kathryn Bargar, Delaware
Lisa Beth Bashaw, Columbus
Michael Akira Bates, Zanesville
Constance Dianne Berta, Columbus
Ronald Vincent Bicknell, Lima
Jenny Lee Birchfield, Delaware
Douglas Miller Bischoff, Fremont
Debora Michelle Black, Gahanna
Tamara Susan Buerger, Lima
Joseph Andrew Castle, Worthington
Kenneth Allen Chin, Westfield, NJ
Francisco M. Cintron, Utuado, PR
Michael Ross Cox, Bryan
Sharen June Crabbs, Warren
Debby Lou Cumbow, Lima
Abdulkadir Azare Dahuwa, Bauchi, Nigeria
Jennifer Dawn Daniel, Willard
Ben Davis, Jr., Cleveland
Matthew Quintin Dawson, Newark
Susan Helen Deininger, Malvern
Barbara Lin Dix, Lima
Sandra Sue Dodson, Blacklick
John Richard Eberst, Jr., Grove City
Beverly Jo England, Elida
Victoria Motok England, Grove City
Gary Michael Evans, Columbus
Steven Elbert Evans, Grove City
Leigh Ann Faldowski, Rayland
Jonie Denise Fawley, Wilmington
Denise Ferguson, Erie, PA
Barbara Ann Fischley, Columbus
Toni L. Fletcher, Mansfield
Kellen Ann Getz, Columbus
Rebecca Ann Gilbert, Columbus
Jeanne Wheeler Gilbert, Columbus
William Clayton Griffiths IV, Bridgeport
Benjamin James Grimes, Columbus
Jihan Denise Gursal, Fairview Park
Michael John Halter, Gallipolis
Michael Anne Hedges, West Mansfield
Betty Ann Hoefges, Cincinnati
Dale T. Hounshell, Jr., Mansfield
John Patrick Huffman, Logan
Yaya Alhaji Ibrahim, Bauchi, Nigeria
Cynthia Kaay Inglis, Mansfield
Chad Stuart Jacobs, Waynesfield

James Thomas Jetton, Findlay
Barbara Keister, Powell
Michael John Kerns, Independence
Jerry Lee Lawton, Chardon
Mele Difa Mahanaki, Bauchi, Nigeria
Robert Charles Maxwell, Jr., Columbus
JoAnne Metzlish, Columbus
Kristen Lee Metzger, Williamsport
Lorin Kay Moore, Tallmadge
Cynthia Rose Morgan, Mansfield
Jill Noella Murphy, Columbus
Kaye Louise Najmowski, Columbus
Catherine Mary Neja, Galion
Kenneth Joseph O'Brien, Delaware
Bonnie Kay Palmer, Perrysville
Rachel Elaine Pappas, Columbus
Kathryn Ann Pero, Hilliard
Bradley Steven Powers, Bucyrus
Karen Margaret Raines, Columbus
Lori Elizabeth Richard, Westlake
Paula M. Riddlebaugh, Crestline
Cheryl Diane Riethman, Mansfield
Douglas D. Rudy, Columbus
Maria Anastasia Rupert, Wellston
Thomas Henry Sawyer, Mansfield
Christine Kay Schafer, Kettering
Vicki Lynn Schmetzer, Mt. Healthy
Robert C. Schneider, Ashland
Elizabeth Ann Seifert, Tiffin
Lori Sue Shannon, Columbus
Kimberly Sue Sharer, Newark
Brian Francis Sifferlin, Columbiana
Debra Ann Starr, Ashland
Daphne Elizabeth Stewart, Delaware
James Gerard Stock, Columbus
Inuwa Baba Tata, Bauchi, Nigeria
Thomas Edward Taylor, Springfield
Deborah Lee Thomas, Cridersville
Lorilee Lynn Thomas, Grove City
Marsha Renee Travis, Gahanna
Ross Edwin Tucker, Lima
Thomas John Tuohy, Columbus
Lisa Ann Van Buren, Avon Lake
Kathy Lynn Wagenhals, Nankin
Myong O. Wooten, Newark
Todd Jay Zickafoose, Dublin

College of Engineering

Dean: Donald D. Glower

Bachelor of Science in Aeronautical and Astronautical Engineering

Leal Edward Boggs, Plainfield, NJ
Kevin Dean Borloff, Van Wert
John David Groeneveld, Celina
Horst Gunter Helmke, Centerville
Robert Keith Longstreth, Rickenbacker ANG B
Mark George Lusa, Centerville
Ronald K. Stonum, Newport, KY

Bachelor of Science in Agricultural Engineering

Cathy Ann Alexander, Mt. Vernon

Kermit Johnston Alger, Mantua
Jack Edgar Aydelotte, Dayton
Michael Charles Bauman, Pandora
Doris Marie Beatty, Columbus
Stephen Douglas Eberts, Columbus
Thomas Parker Estes, Huber Heights
Christopher Lee Haines, Dayton
Kenneth Dewese Kerns, West Mansfield
Kimberly Mae Sorrell, Wapakoneta
Paul Alvin Vogelgesang, Harrison
Mark Eric Watkins, La Rue
Mark Eugene Zachman, Marion

Bachelor of Science in Aviation

Robert Charles Barnes, Middletown
Terence Huntley Chapman, Swanton
Russell Carl Price, Brewster, MA
Jeffrey Allen Short, Fayette

Bachelor of Science in Ceramic Engineering

Albert William Birks, Columbus

Bachelor of Science in Chemical Engineering

Robert Markham Canright, Columbus
Daphne Elizabeth Stewart, Delaware
Michael L. McCormick, Parkersburg, WV

Civil Engineer

Sung-Kwon Kim, Seoul, Korea

Bachelor of Science in Civil Engineering

Bilal Baker Al-Hanbali, Nablus, Jordan
Paul Anthony Austin, Warren
Allen Chandler Biehl, Parma Heights
John Leo Chico, Kettering
Donald Lake Dettra, Richwood
Georgios Kofinas, Kranidi, Greece
Angela Renee Kulp, Columbus
Tanin Loytong, Bangkok, Thailand
Mat Mauger, Pataskala
Bradley Ray Nadolson, Newark
Kok Weng Ng, Penang, Malaysia
John Wenzel Panovsky, Caststown
Michael Thomas Perkowski, Dover
Preston Curtis Rivers, Cleveland
Thomas Michael Roman, Akron
Azzam Ghazi Sankari, Tripoli, Lebanon
Meng Thong Siah, Raub, Pahang, Malaysia
Philip Neal Stormer, Nevada
Hung Hoang Thai, Columbus
Mohamed Youssef Tobah, Cairo, Egypt
Jeffrey Charles Warmolts, Columbus
Nelson William White, Tippecanoe
William Kok-Weng Wong, Kuala Lumpur, Malaysia

Bachelor of Science in Computer and Information Science

Daniel Edward Badt, Westlake
 Tim Wayne Barndt, Wadsworth
 Paul Judd Campbell, Newington, CT
 Kristi Renee Close, Columbus
 Joleen K. Cook, Fairborn
 Kenneth David Eichman, Gahanna
 John Augustus Hanna, Jr., Marietta
 David D. Horwitz, Columbus
 Mark Francis Hurley, Olmsted Falls
 James Frederick Hustad, Dayton
 Mulyanto Kosasih, Surabaya, Indonesia
 Thomas Joseph Mangia, Columbus
 Jeffrey Wayne May, Columbus
 Terence M. Mc Eligott, Galion
 Craig Douglas McLean, Westerville
 Jeffrey Scott Payne, Chagrin Falls
 Dario Alonso Restrepo, Miami, FL
 Scott A. Rhine, Obetz
 Bruce Allen Richardson, Mt. Sterling
 Erik Rolland, Bergen, Norway
 Donna Rae Sabo, Conneaut
 Gary Joe Schoolcraft, North Benton
 Sugianto Setiono, Surabaya, Indonesia
 Alexander D. Sobolev, Columbus
 Kenneth Louis Spaeth, Hamilton
 Eliot Scott Spiro, Cleveland

Electrical Engineer

Gerious Francois Akiki, Lebanon
 Thomas John Peik, Upland, CA

Bachelor of Science in Electrical Engineering

Peter Alan Bartlett, Rochester, NY
 William Frank Borchers, Fairborn
 John Gerard Brosnan, Columbus
 Thomas Joseph Burns, Westminster, CO
 Dana John Butkus, Huron
 Louis Emery Buzogany, Painesville
 Rory Edward Coniglione, Rolling Meadows, IL
 Roger William Cox, Vandalia
 Kenneth B. Crutchfield, Centerville
 Philip Henry Datz, Anlin
 James Richard De Vore, Westerville
 Michael William Edwards, West Chester
 Michael Flint Faris, Findlay
 Valerie Ann Fronczak, Columbus
 Todd William Goedde, Cincinnati
 Zeineb Harrabi, Tunis, Tunisia
 Stephen Edward Harris, Pittsburgh, PA
 William David Hennen, Stow
 Edwin Carl Holloway, St. Clairsville
 Gary Lee Jenson, Columbus
 Mike James Keith, Forest Park
 Paul Albert Kohnhorst, Pickerington
 Gary James Kopechek, Lakewood
 Karl Kruze, Mentor
 Frank Gerard Lagatta, Dover
 Tuan Quang Lam, Cleveland
 Richard Wayne Lambert, Springfield
 Vincent L. Lopez, Columbus
 V. Joseph Lunardini, Hanover, NH
 Donald Steven Matlock, Dayton

Jeffrey Lynn McBride, Ada
 Robert Charles Moran, Englewood
 William Michael Myers, Columbus
 Tam Xuan Nguyen, Columbus
 Dennis Novotny, Chagrin Falls
 Paul A. Pantalone, Wadsworth
 Michael Alan Penner, Columbus
 Linh Ngoc Pham, Columbus
 Eric Aaron Pyers, Killbuck
 Kevin Donald Recker, Glandorf
 Paul David Sanders, London
 Larry Elden Shilling, Jr., Dover
 Michael Bruce Shingleton, Sunbury
 Thomas David Stafa, Columbus
 David Thomas Staples, Worthington
 Lam Sun, Hong Kong, Hong Kong
 John David Taylor, Amherst
 Tracy Allen Vaughan, Lancaster
 Robert Lloyd Velliky, Cleveland
 Thomas Daniel Well, Hartsdale, NY
 Alan Wade Whitlow, Milton, WV
 Jalal Rafati-Seyed Yazdi, Mashhad, Iran
 Daniel E. Zuccarelli, Columbus

Bachelor of Science in Engineering Physics

Po Ming Lee, Columbus
 John Lewis Rishel, Jr., Greencastle, PA
 Michael Edward Thompson, Fredericktown

Bachelor of Science in Industrial and Systems Engineering

James William Anderson, Lancaster
 Charles A. Antinone, Jr., Mingo Junction
 Martin John Berrey, North Canton
 John Goldsberry Blair, Chillicothe
 Blair Ann Bradford, Detroit, MI
 Mohamed Habib Daghar, Menzel Jemil, Tunisia
 Garry Lee Davis, Columbus
 Susan Leslie Denk, Parma Heights
 Daniel Joseph Dixon, Waverly
 Wendy Lynn Enggasser, Richfield
 Choong Tat Gan, Malaysia
 Nancy Lynne Gardiner, Findlay
 Charles John Giffert, Athens
 Lisa Lynn Gulajski, Cuyahoga Falls
 Shelly Gupta, India
 William Charles Gurley, Fairport Harbor
 Essia Hamouda, Tunis, Tunisia
 Kevin Leonard Hedrick, Waynesfield
 Shiow Hoe Hey, Batu Pahat, Johor, Malaysia
 Kevin Patrick John, Shelby
 Michael John Kaminski, Columbus
 Philip Nathan Kane, Bay Village
 Thomas Francis Kettler, Cincinnati
 Mark Miller Knight, Monroe
 Subyanto Kosasih, Surabaya, Indonesia
 John Douglas Lotzgesek, Mingo Junction
 Charles Michael Marcum, Columbus
 Michael Joseph Marsilio, Canfield
 Brian Lynn McDermitt, Cridersville
 Gary Allen Mirka, Brecksville
 Gary Alan Monnette, Marion
 Douglas Lee Moran, Newark
 Ricardo Alberto Moreán Umanés, Caracas, Venezuela

Brad Lee Morgan, Zanesville
 Jeff Allen Mueller, Mayfield
 Jenny Yin Oil Ng, Perak, Malaysia
 John Mark Penhalegon, Bluffton
 Cheryl Lynn Perkins, Cincinnati
 Deborah Lynn Pleasant, Centerville
 Vincent Alan Power, Newark
 David James Roy, Hamden, CT
 James Andrew Schumann, Kettering
 Amy Jo Scott, Columbus
 Peter Frederick Sharpe, Upper Arlington
 Brunislaw J. Siliowski, Cleveland
 Douglas Alan Spangler, Whitehouse
 Mark Lyle Talbott, Kettering
 Douglas Lee Whitmer, Kettering
 Cheryl F. Williamson, Cleveland
 Steven Michael Yauch, Columbus
 Ronald Lee Zauski, Austintown

Bachelor of Science in Mechanical Engineering

Kimberly Cook Beal, Lancaster
 Fafa Ben Hatira, Tunis, Tunisia
 Robert Henry Bowlin, Alliance
 Teresa Marie Browning, Ashville
 Lisa Anne Brucoli, Canfield
 Gregory Allan Burns, Canfield
 Ngai-Kit Chan, Hong Kong
 Michael P. Finneran, Hilliard
 Daniel Timothy Fleming, Cincinnati
 John Anthony Gerrish, Sylvania
 Mabrouka Hani, Gafsa, Tunisia
 Philip Scott Hartnagel, Orrville
 Richard Lee Hubbard, Cleveland
 Richard Blake Johnston, Blanchester
 Ricky Martin Kelly, Heath
 John William Kessler, Columbus
 Dale Joseph Kondik, Mentor
 Chris Eric Latham, Homeworth
 David Mark Leighton, Cincinnati
 Milton Eugene Lewis, Newton Falls
 Steven D. Louderback, Hopkinton, MA
 Robert Ashton Miller, Westlake
 John Robert Paxton, Pittsburgh, PA
 Douglas Carl Roesch, Galion
 Gregory Paul Smith, Toledo
 Jonathon Stuart Smith, Newark
 Nickolas Emile Stanca, Westlake
 Lester Scott Stanley, Wadsworth
 Alan Keith Toomey, West Carrollton
 David Dale Treace, Mansfield
 Meng Heng Tung, Penang, Malaysia
 Donald C. Wight, Marysville
 Russell Howard Yard, Madison

Bachelor of Science in Metallurgical Engineering

Stephen Carl Rapp, Columbus
 Guy Paul Villers, Parkman
 Sylvester Earl Williams, Cincinnati

Bachelor of Science in Mining Engineering

Christopher J. Poisson, Columbus

Bachelor of Science In Welding Engineering

Robert W. Trivett, Reynoldsburg

School of Architecture

Bachelor of Science in Architecture

Raymond Joseph Bondoc, Hamilton
Andrew W. Chan, Hong Kong
Robert James Holland, Jr., Columbus

Bachelor of Science in Landscape Architecture

Roger Edward Dorer, Jr., Bay Village
Lynda Christine Hoste, Highland Heights
Heather Lee Nelson, Temple, TX
Mary Kay Pohlmann, Bowling Green
Sandra Vescera, Warren

College of Home Economics

Dean: Lena Bailey

Bachelor of Science in Home Economics

Cynthia Marie Anderson, Columbus
Faith Holly Bevard, Newark
Gail Denise Blalock, Columbus
Carla Lorraine Chapman, Columbus
Mary Susan Conroy, Centerville
Kathryn Ellen Franks, Columbus
Karen Magdalena Grunwald, Centerville
Patricia Marie Hess, Cincinnati
Cindy Sue Hieber, Columbus
Cynthia Ann Huffman, Toledo
Suzanne Kaplan, Cincinnati
Margaret Ann Keeney, Columbus
Roberta Jane Knoderer, Columbus
Betty Suzanne Langer, Canton
Deborah Del Liles, Galloway
Nancy Denise Mercer, Columbus
Beth Ellen Rathbun, Columbus
Angela Kay Scott, Chillicothe
Margaret Anne Sheahan, Columbus
Jean Ann Splieth, Wauseon
Jaime Leigh Thompson, Columbus
Nancy Christine Topping, Columbus
Shelley Kay Travis, Enoch
Cheryl Ann Urig, Columbus
Elizabeth Ann Watters, Strongsville

Bachelor of Science In Nutrition

Laurie Lynn Arsenaault, Worthington

Bachelor of Science In Restaurant Management

Jacqueline Warren Burns, Mt. Gilead
Mary Jane Jennings, New London

College of Medicine

Dean: Manuel Tzagournis, M.D.

Doctor of Medicine

Daniel Walter Gembus, Cleveland
B.A. (Case Western Reserve University)
Craig Thomas Reiheld, Orville
B.S., M.S. (Kent State University)
Christine M. Riley, Cincinnati
B.A. (Thomas More College)

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Thomas Edward Brown, Strongsville
Elizabeth Sloan Latsa, Springboro
Robert Andrew Shappell, Bucldand
Scott Anthony Skokal, Columbus
Cynthia Lynn Snyder, Port Clinton

Certificate of Post Baccalaureate Circulation Technologist

Leena C. Gandhi, Bombay, India
B.S. (University of Bombay, India)
David Brian McCloskey, York, PA
B.S. (University of Pittsburgh, Pennsylvania)

College of Nursing

Acting Dean: Grayce M. Sils

Bachelor of Science Nursing

Lisa Susan Athy, Springfield
Christina Grayce Cerni, Warren
Laura Ann Darvanan, Youngstown
Nancy Rajean Elliott, Marion
Germaine King, Wyoming
Constance Elaine Lucas, Martins Ferry
Janet Lynn Sawitke, Mentor
Barbara Jo Taykowsky, Columbus
Dianna Statter Womer, Amherst
Jennifer Philod Zola, Swanton

College of Pharmacy

Dean: Albert H. Soloway

Bachelor of Science in Pharmacy

Thomas Andrew Devine, North Olmsted

David Allen Gill, McArthur
Gerald Edward Hakula, Springfield
Donald Keith Jakubczak, Seven Hills
Thomas Fuk-Ching Lee, Hong Kong
Karen Marie Plak, Youngstown
Lily S. Vakaleris, Columbus
Robert Paul Wolfe, Beavercreek

College of Social Work

Dean: Richard E. Boettcher

Bachelor of Science In Social Welfare

Robin Michelle Clark, Canton

Graduates with Honors

Criteria for graduation with honors are as follows:

With Distinction requires successful completion of a Senior Honors Thesis, oral examination, and graduation in the top 25% of the class.

With Honors In the Liberal Arts requires successful completion of the Arts and Sciences Honors Contract and graduation in the top 25% of the class.

Cum Laude designates those graduating in the top 10% of the class (top 6% in the Colleges of the Arts and Sciences).

Summa Cum Laude designates those graduating in the top 3% of the class (top 1.5% in the Colleges of the Arts and Sciences).

With Distinction in Environmental Interpretation

Brenda Kaye Madison

With Distinction in Horticulture

Lee Michael Klingshirn

With Honors in the Liberal Arts

Susan Marie Gabriel

With Honors in the Liberal Arts and with Distinction in Geology

Andrea Donnellan

Cum Laude

Brian Daniel Arnold
Larry Duane Barth
Mary E. Battodetti
Laurie Ann Brewer
Brad R. Byers
John Raymond Cardinal
Roger William Cox

Jennifer Dawn Daniel
 Sandra Sue Dodson
 Robert Sayre Ehlers, Jr.
 Daniel Timothy Fleming
 David Jeffrey Ford
 Stephanie Ann Ford
 David Philip Goldstein
 David D. Horwitz
 Cythia Kaay Inglis
 Tammy Kennedy
 Paul Albert Kohnhorst
 Richard Wayne Lambert
 Amy Irene Leggett
 Ann Selden Livingston
 Bruce Don McCoy
 Craig Alan McElerry
 Julie Ann McKinley
 Craig Douglas McLean
 JoAnne Metzlish
 Tracie Elizabeth Monroe-Stone
 Kenneth Joseph O'Brien
 Martin Wesley Park
 Mary Kay Pohlmann
 Bradley Steven Powers
 Scott A. Rhine
 Rebecca Jean Rose-Weidinger
 Srivalli Sailaja Sastry-Kuppa
 Amy Jo Scott
 Thomas Mullay Seelbach
 Robert Andrew Shappell
 Danielle Nicole Sims
 Ronald Lee Smith
 Lynn Marie Stueve
 Shane Orndorff Summers
 Laura J. Toms
 Robert Lloyd Velliky
 Roger Francis Wagner
 Terasa Jo Walker
 Kristin Lynn Watt
 Lois Ann Weaver
 William Bernard Werner

**Summa Cum Laude with Distinction in
Human Nutrition and Food Management**

Roberta Jane Knoderer

**Cum Laude with Distinction in Agricultural
Economics**

Joan Renee Shawhan

**Cum Laude with Distinction in Industrial
and Systems Engineering**

Amy Jo Scott

Summa Cum Laude

Daniel Edward Badt
 Judy Gebhart Bear
 Ileana Patricia Chaves
 Kevin Lee Dues
 Kenneth David Eichman
 Sarah Tobitt Freeman
 Michael Joseph Kral
 Thomas Fuk-Ching Lee
 John Stephen McDaniel
 Kaye Louise Najmowski
 Bonnie Kay Palmer
 Jerry R. Thomas II
 Nicholas James Tomashot
 Lisa Ann Van Buren

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND TWO HUNDRED AND NINETEENTH MEETING
OF THE BOARD OF TRUSTEES

Newark, Ohio, April 3 and 4, 1986

The Board of Trustees met at its regular monthly meeting on Thursday, April 3, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, and Friday, April 4, 1986, at The Ohio State University Newark Campus, Newark, Ohio, pursuant to adjournment.

* * *

Minutes of the last meeting were approved.

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April 3 and 4, 1986 meeting, Board of Trustees

The Chairman, Mr. Havens, called the meeting of the Board of Trustees to order on April 3, 1986, at 6:30 p.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: John F. Havens, Chairman, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, John J. Barone, and Deborah E. Casto.

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Mr. Havens reconvened the meeting on April 4, 1986, at 10:15 a.m.

Present: John F. Havens, Chairman, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, John J. Barone, and Deborah E. Casto.

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Mr. Havens announced the appointment of the following persons to the Nominating Committee:

Edmund C. Redman, Chairman
Leonard J. Immke
John W. Berry

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AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY

Resolution No. 86-103

Synopsis: Amendments to rule 3335-13-06 are being proposed.

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to the Rules of the University Faculty as approved by the University Senate; and

WHEREAS the proposed changes in the Rules of the University Faculty were approved by the University Senate on March 8, 1986, as follows:

AMENDED RULE

3335-13-06 Rights to and interests in patentable discoveries and inventions, copyrights, and related materials.

- (A) This rule shall apply to all products of university research (where "university research" is as defined in the current university policy on patents and copyrights), defined to be inventions and other legally

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

protectable material arising out of university research, including any discovery, invention, know-how, design, model, work of authorship, and any strain, variety or culture of an organism, or any portion, modification, translation or extension of these items. Products of research will not include works of artistry, academic instruction, or traditional scholarship insofar as these works were not produced in connection with a sponsored program or as a part of a specific university duty or assignment.

- (B) The board of trustees deems it in the best interest of the university, its faculty, staff, and students, and in the interest of the promotion of research and development to provide for participation by faculty, staff, and students in the proceeds from products of research conceived or developed by them in the absence of any prior agreements relating to sponsored activities and insofar as allowed by any contract or grant agreements in support of the activity leading to the product of research.
- (C) The board of trustees shall establish a policy on patents and copyrights to be administered under the direction of the president of the university through the office of the vice president for research and graduate studies. The provisions of the policy shall be subject to review by the faculty committee on patents and copyrights and recommended to the board of trustees by the university senate.
 - (1) The faculty committee on patents and copyrights shall be composed primarily of members of the university faculty and shall elect its own chair. Five members shall be elected by the faculty council in a manner to be determined by the council. One graduate student shall be appointed by the council of graduate students in a manner to be determined by that council. Five members shall be appointed by the president in consultation with the vice president for research and graduate studies, the vice president for academic affairs and provost, and other appropriate officials of the university. Service on the committee shall be for terms not to exceed three years. An individual may become eligible for committee service again after an absence from the committee of at least one year.
 - (2) The specific duties of and the procedures for appeals to the committee shall be as described in the policy on patents and copyrights.
- (D) Subject to the authority of the president of the university, the vice president for research and graduate studies is hereby assigned the responsibility for the

April 3 and 4, 1986 meeting, Board of Trustees

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

acquisition, protection and disposition of rights in products of university research in accord with the policy on patents and copyrights. (B/T 4/12/63, B/T 5/8/69, B/T 10/4/85, B/T 4/4/86)

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to the Rules of the University Faculty be adopted as recommended by the University Senate.

Upon motion of Mr. Berry, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**AMENDMENTS TO THE BYLAWS OF THE MEDICAL
STAFF OF THE OHIO STATE UNIVERSITY HOSPITALS**

Resolution No. 86-104

Synopsis: Amendments to the Bylaws of the Medical Staff of The Ohio State University Hospitals are proposed.

WHEREAS The Ohio State University Hospitals Board pursuant to Bylaw 3335-101-04 of the Hospitals Board Bylaws is authorized to recommend to the Board of Trustees the adoption of amendments to the Bylaws of the Medical Staff of The Ohio State University Hospitals; and

WHEREAS the proposed amendments to Bylaws 3335-43-08, 3335-43-11, and 3335-43-12 were approved at the University Hospitals Board meeting on February 27, 1986, as follows:

AMENDED BYLAWS

3335-43-08 Organization of medical staff of the Ohio state university hospitals into clinical departments and divisions.

(D) Qualifications and responsibilities of the clinical department chairman.

The academic department chairman will ordinarily serve also as the clinical department chairman. Each clinical department chairman shall be qualified by education and experience appropriate to the discharge of the responsibilities of the position. Such qualification shall be judged appropriate by the respective dean of the college of medicine or dentistry. Qualifications for department chairman generally shall include:

AMENDMENTS TO THE BYLAWS OF THE MEDICAL
STAFF OF THE OHIO STATE UNIVERSITY HOSPITALS (contd)

recognized clinical competence, sound judgment and well-developed administrative skills.

- (1) Procedure for appointment of clinical department chairman.

- (a) Appointment of clinical department chairman will be made by the dean of the respective college in consultation with elected representatives of the medical staff and the medical director.

- (2) Term of appointment of clinical department chairman.

- (a) The term of appointment of clinical department chairman will be concurrent with his academic appointment and be no longer than four years. Prior to the end of his term, a review will be conducted and will serve as the basis for the recommendation for reappointment. Procedure will be as outlined in paragraph (D) (1) of this rule.

- (3) Duties of the department chairman.

Each clinical department chairman shall

- (a) Be accountable for all professional and administrative activities within the clinical department.

- (b) Maintain continuing review of the professional performance of all medical staff members with clinical privileges within the clinical department.

- (c) Conduct a periodic review, at least every four years, of the clinical performance of each clinical division director.

- (d) Make recommendations to the medical staff regarding the criteria for clinical privileges in the department.

- (e) Each calendar year, by April 1, the chairman of each clinical department shall review the clinical performance including the physical and mental health of all members of the active staff of the clinical department. On the basis of this review, the chairman will make recommendations for clinical privileges for each member of his department.

**AMENDMENTS TO THE BYLAWS OF THE MEDICAL
STAFF OF THE OHIO STATE UNIVERSITY HOSPITALS (contd)**

- (f) Be responsible for the enforcement within the clinical department of the bylaws, rules and regulations of the Ohio state university hospitals.
- (g) Assure that the quality and the appropriateness of patient care within the department is monitored and evaluated according to departmental and hospital quality assurance criteria.
- (h) Each clinical department will hold monthly meetings. The agenda for the meetings will include, but not be limited to a discussion of the clinical activities of the department. Minutes of departmental meetings, including a record of attendance, will be kept in the departmental and the medical director's office. Greater than fifty per cent unexcused absence from departmental meetings could serve as the basis for a recommendation of non-reappointment to the medical staff.

3335-43-11 Meetings and Dues

- (A) Meetings. The medical staff of the Ohio state university hospitals shall conduct scheduled meetings quarterly. Notice of the meeting will be sent to all attending staff at least two weeks prior to the meeting. Attendance at at least two of the four regularly scheduled meetings shall be a requirement for continued staff privileges. Exceptions requested in writing may be given by the medical staff administrative committee. A special meeting may be called at the option of the medical staff administrative committee.
- (B) Dues. The medical staff, by two-thirds vote of those in attendance at the fall quarterly meeting, may establish dues. Payment of dues is a requirement for staff membership.

3335-43-12 Amendments.

There will be a standing bylaws committee which will review the bylaws and rules and regulations as need arises but not less than every two years. This committee will recommend changes to the medical staff administrative committee.

These medical staff bylaws may be amended after notice is given at one meeting of the medical staff administrative committee. Such notice shall be laid on the table until the next meeting and shall require two-thirds vote of the members of the medical staff administrative committee

April 3 and 4, 1986 meeting, Board of Trustees

**AMENDMENTS TO THE BYLAWS OF THE MEDICAL
STAFF OF THE OHIO STATE UNIVERSITY HOSPITALS (contd)**

present for approval and submission to the medical staff for ratification. Ratification of an amendment shall be by a plurality of those medical staff members voting through written ballot. When an amendment is approved by the medical staff administrative committee and ratified by the medical staff it shall be forwarded in successive order to the following: the joint conference committee; the university hospitals board; the president of the Ohio state university; and the board of trustees of the Ohio state university. Each of the foregoing reviewers shall accept or reject the requested amendment. The amendment shall become effective when accepted by the board of trustees of the Ohio state university in the form ratified by the medical staff.

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to the Bylaws of the Medical Staff of The Ohio State University Hospitals be adopted as recommended by the University Hospitals Board.

Upon motion of Mr. Immke, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 86-105

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the March 7, 1986 meeting of the Board, including the following Appointment, Appointment of Chairperson of Department, Reappointment of Chairperson of Department, Other Appointment, Leaves of Absence Without Salary, Leaves of Absence Without Salary--Change of Dates, Professional Improvement Leaves, and Emeritus Titles as detailed in the University Budget be approved, and the Medical Staff Appointments approved February 27, 1986, by the Hospitals Board be ratified.

Appointment

Name:	MYLES, BRAND
Title:	Vice President for Academic Affairs and Provost
Office:	Academic Affairs
Effective:	On or about July 1, 1986
Salary:	\$105,000.00
Present Position:	Dean of the Faculty of Social and Behavioral Sciences, University of Arizona, Tucson, Arizona

April 3 and 4, 1986 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointment of Chairperson of Department

April 1, 1986 through March 31, 1990

Poultry Science

Gerald B. Havenstein

Reappointment of Chairperson of Department

July 1, 1985 through June 30, 1986

Surgery

Ronald M. Ferguson*

*Acting Chairperson

Other Appointment

Name:	GARY WILLIAMS
Title:	Men's Head Basketball Coach
Department:	Athletics
Term of Appointment:	April 1, 1986 through March 31, 1991
Salary:	\$75,000.00
Present Position:	Men's Head Basketball Coach, Boston College, Boston, MA
Special Instructions:	This Board action ratifies and confirms the agreement between the University and Mr. Williams.

Leaves of Absence Without Salary

DONALD W. LARSON, Professor, Department of Agricultural Economics and Rural Sociology, effective February 17, 1986, through March 2, 1986, to work in Ecuador.

ODETTE BLUM, Associate Professor, Department of Dance, effective Spring Quarter 1986, for personal reasons.

FRANK T. COULSON, Assistant Professor, Department of Classics, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987, to work on research projects.

Leaves of Absence Without Salary--Change of Dates

NANCY J. BRADEN, Assistant Professor, Department of Pediatrics, change leave from January 1, 1986 through February 28, 1986, to January 1, 1986 through March 16, 1986.

KENNETH M. HAMILTON, Assistant Professor, Departments of Black Studies and History, change leave from Winter Quarter, Spring Quarter and Autumn Quarter 1986, to Winter Quarter and Spring Quarter 1986.

ANTTI J. NIEMI, Assistant Professor, Department of Physics, change leave from Winter Quarter and Spring Quarter 1986, to Winter Quarter 1986.

April 3 and 4, 1986 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leaves

WESLEY D. ANDERSON, Chairperson and Professor, Department of Veterinary Anatomy, effective April 1, 1986 through March 31, 1987.

IVAN BOH, Professor, Department of Philosophy, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987.

MICHAEL LES BENEDICT, Professor, Department of History, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987.

ANTHONY MELNIKAS, Professor, Department of History of Art, effective Autumn Quarter 1986 and Winter Quarter 1987.

PATRICK B. MULLEN, Professor, Department of English, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987.

BORIS G. PITTEL, Professor, Department of Mathematics, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987.

ROBERT C. JONES, Associate Professor, Department of English, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987.

ALAN L. WOODS, Associate Professor, Department of Theatre, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987.

MICHAEL J. ZWETTLER, Associate Professor, Department of Judaic & Near Eastern Languages and Literatures, Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987.

Emeritus Titles

CALVIN D. KNIGHT, Cooperative Extension Service, with the title Professor Emeritus, effective April 1, 1986.

ROBERT C. RIES, Department of Athletics, with the title Assistant Director Emeritus, effective April 4, 1986.

Upon motion of Mr. Immke, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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RESOLUTIONS IN MEMORIAM

Resolution No. 86-106

Synopsis: Resolutions honoring the service of one former member of the Board of Trustees and three of the University's faculty members who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

John W. Bricker

The Board of Trustees of The Ohio State University expresses its sorrow upon the death of former Board member John W. Bricker on March 22, 1986.

John W. Bricker was born on September 6, 1893, in Pleasant Township, Madison County, Ohio. He received an A.B. degree in 1916, a J.D. degree in 1920, and a L.L.D. degree in 1939--all from The Ohio State University. He was admitted to the practice of law in Ohio 1917.

In his long and illustrious career, John Bricker served the public with intensity and dedication in several different arenas. He was a 1st Lieutenant in the Army in 1917-1918. From 1920 to 1928, he was the City Solicitor for Grandview Heights and was an Assistant Attorney General from 1923-1927 and Ohio Attorney General from 1932 to 1937. From 1929 to 1932, John Bricker was a member of the public Utilities Commission of Ohio. He was elected Governor of the State of Ohio and served three, two-year terms before being nominated as Thomas Dewey's Vice Presidential running mate at the Republican National Convention prior to the 1944 U.S. Presidential Elections. In 1944, John Bricker formed the Columbus law firm of Bricker, Marburger, Evatt and Barton. Today the firm's name is Bricker and Eckler and has grown to include 75 attorneys. John Bricker was elected as a U.S. Senator for the State of Ohio in 1946 and was reelected for a second term in 1952.

Senator Bricker has been awarded honorary degrees from The Ohio State University, Ohio Northern University, Washington and Jefferson University, Kent State University, Wilberforce University, Ohio Wesleyan University, Knox College, Miami University, Boston University and Baldwin-Wallace College. He received a Doctor of Laws degree from Dennison University, a Doctor of Humanities degree from Lincoln Memorial University, a Doctor of Humane Letters from Otterbein College and a Doctor of Public Service from Rio Grande College.

RESOLUTIONS IN MEMORIAM (contd)

John W. Bricker (contd)

In addition to his distinguished political and legal careers, Senator Bricker has served The Ohio State University long and well. He served as a Trustee from 1948 through 1969. He was originally appointed by Governor Thomas Herbert in 1948, was reappointed by Governor Frank Lausche in 1955 and was finally reappointed by Governor James Rhodes in 1963. He is well remembered as a thoughtful and decisive Trustee who brought great honor both to the Board and to the University. His many years of unyielding service to the University community were recognized in 1983 when the University Administration Building was named for him. John W. Bricker Hall will remain as a permanent symbol of Senator Bricker's commitment to the University.

On behalf of the University, the Board of Trustees wishes to express its deep sympathy to the family of Senator Bricker and convey a 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 his family as an expression of the Board's heartfelt sympathy.

Francis B. McCormick

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 24, 1986, of Francis B. McCormick, Professor Emeritus in the Department of Agricultural Economics and Rural Sociology.

Dr. McCormick was born April 2, 1916, in New Concord, Ohio. After graduation from New Concord High School in 1934, he enrolled at The Ohio State University in January 1935. He earned his B.S. degree in 1939, the M.S. degree in 1947, and the Ph.D. degree in 1953, from The Ohio State University. After the completion of his baccalaureate degree, he served as County Supervisor for the Farm Security Administration from 1940 to 1943. From 1943 to 1946 he served in the U.S. Army in the Southwest Pacific Theatre.

Dr. McCormick first joined the staff of the Department of Agricultural Economics and Rural Sociology in 1947. While on the faculty, he served as an Instructor, Assistant Professor, Associate Professor, Professor, Assistant to the Departmental Chairperson, Associate Chairperson and Acting Chairperson prior to his retirement from the University in 1978. While a member of the faculty at Ohio State, he also served as a member of the faculty of the Ohio Agricultural Research and Development Center. From 1978 to 1981, he served as head of the Production Adjustment Section of the Ohio Agricultural Stabilization and Conservation Service of the U.S. Department of Agriculture in Columbus, Ohio.

RESOLUTIONS IN MEMORIAM (contd)

Francis B. McCormick (contd)

Dr. McCormick was well known and recognized for his dedication to undergraduate students in the College of Agriculture. He served as the faculty advisor to hundreds of students; taught the introductory course in agricultural economics; developed and taught two honors courses; and established an internship program that provided for unique opportunities for students to interact with "real world" situations. He also served as the faculty adviser to the student club and the coordinating adviser for the department. Without a doubt, he was among the most influential faculty members assisting students during their stay at The Ohio State University.

In 1972, he established the Francis B. McCormick Scholarship Fund that has assisted many students in completing their undergraduate degree program. This program remains in effect as a tribute to his interest in undergraduate students. In 1982, he established the Francis B. McCormick Professorship in Agricultural Economics. This is an Endowed Professorship to support a professor in the area of food and agriculture, price and income policy.

Dr. McCormick was a member of Gamma Sigma Delta; Delta Theta Sigma; Life Member of The Ohio State University Alumni Association; the American Agricultural Economics Association; the American Society of Farm Managers and Rural Appraisers; the Buckeye Club; the OSU Presidents Club; and the OSU Presidents Council.

On behalf of the University, the Board of Trustees expresses to his wife, Marie, 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 his wife as an expression of the Board's heartfelt sympathy.

Charles V. Mooers

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 29, 1986, of Charles V. Mooers, Clinical Instructor in the Department of Radiology.

Dr. Charles V. Moorers was born in Belding, Michigan, on November 24, 1930. He graduated from the University of Michigan with a M.D. degree in June 1956. After a rotating internship at the Allegheny General Hospital in Pittsburgh, Pennsylvania, he entered residency training at the same institution from 1957 through 1960. He became a Diplomate of the American Board of Radiology in 1963. Dr. Mooers joined the faculty of Radiology at the University of

RESOLUTIONS IN MEMORIAM (contd)

Charles V. Mooers (contd)

Cincinnati in 1961 and in 1962 he went to the University of Tennessee in Knoxville as an Instructor in Radiology. Dr. Mooers joined The Ohio State University faculty in 1964 as a Clinical Instructor participating in the teaching of Radiology at Children's Hospital and also at St. Anthony Hospital where he served as the Chief of Radiological Services.

Dr. Mooers was an active member of the Central Ohio Radiological Society; the Ohio State Radiological Society; and the North American Radiological Society. He was a member of The Ohio State Medical Society and the American Medical Association. Dr. Mooers was well thought of as a good teacher and respected by his students, the house staff and the attending physicians at Children's Hospital and St. Anthony Hospital. Dr. Mooers will be missed by his medical colleagues and by the members of the Ohio Radiological Society.

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

Marion W. Wallace

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 4, 1986, of Marion W. Wallace, Professor Emeritus in the Cooperative Extension Service.

Mr. Wallace was born November 11, 1907, in Sudlersville, Maryland. He received a BS in Agriculture from the University of Maryland in 1929. He later received a Master of Science degree in Agriculture from The Ohio State University in 1940.

On January 1, 1949, he became the County Agriculture Agent in Montgomery County. He retired from this position on January 31, 1971.

On behalf of the University community, the Board of Trustees expresses its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees.

Upon motion of Mr. Galbreath, seconded by Mrs. Bowser, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 86-107

Synopsis: The reports on contracts, grants, and gifts and the summary for February 1986 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial and other agencies and alumni and various other individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station and The Ohio State University Development Fund during the month of February 1986 be approved.

Upon motion of Mrs. Bowser, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

SUMMARY FOR FEBRUARY 1986

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	74	\$3,986,592.00
Engineering Experiment Station	31	\$ 132,893.00
Total		\$4,119,485.00

The Ohio State University Development Fund

Establishment of Named Funds

Vernon E. and Vernetta M. Winnett Scholarship Fund (Scholarships)	\$ 84,605.57
The Judge Glenn E. Detling Scholarship Fund (Scholarships - graduates of Ansonia High School)	\$ 21,375.00

April 3 and 4, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR FEBRUARY 1986 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

The Karlsberger/Adams Fund (Fellowship or research support for a graduate student in Counselor Education)	\$ 10,000.00
The Dr. James Hutchison Williams Medical Scholarship Fund (Scholarships - College of Medicine)	\$ 6,133.57
John T. Mount 4-H Achievement Fund (Cash awards - current and former 4-H members)	\$ 5,928.04
The V. Ray Frederick Memorial Scholarship Fund (Scholarships - study at the Franz Theodore Stone Laboratory)	\$ 5,025.00
The Presutti Dance Fund (Department of Dance)	\$ 5,000.00

Report from Presidents Club

Members to date	5,191
1985-86 members: fiscal year to date	113
New members - February 1986	11

New Presidents Club Members - February 1986

Clarence E. Ash	James M. Lachey
Clyde S. Bricker	John B. Sandman
William W. Fallon	Harrison E. Shutt
Dorothea Jane Kinkley	Mildred T. Whalen
Robert S. Kinkley	Hugh R. Whiting
	Elzworth C. Wiesenmayer, Jr.

April 3 and 4, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - February 1986

Federal Research Contracts/Grants

\$263,268.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Phase I and Clinical Pharmacokinetic Studies of Anticancer Agents, Cancer Research Center and Department of Medicine (M. R. Grever) and College of Pharmacy (L. Malspeis), 1 December 1985 through 30 November 1986. (Project 764860 - Continuation)

\$211,300.00 - National Science Foundation, Washington, DC, Maintenance of the Bacillus Genetic Stock Center, Department of Microbiology (D. H. Dean), 1 March 1986 through 31 August 1989. (Project 765148 - Continuation)

\$153,505.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Molecular Control in Cytochrome C Oxidase, Department of Physiological Chemistry (J. O. Alben), 1 January 1986 through 31 December 1986. (Project 762976 - Continuation)

\$151,446.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Synthesis of Unusual Biologically Active Terpenes, Department of Chemistry (L. A. Paquette), 1 April 1986 through 31 March 1987. (Project 763497 - Continuation)

\$148,000.00 - National Science Foundation, Washington, DC, Basic Mechanisms of Sliding Friction and Wear, Department of Metallurgical Engineering (D. A. Rigney), 1 April 1986 through 31 March 1987. (Project 763031 - Continuation)

\$140,000.00 - National Science Foundation, Washington, DC, Syntheses and Studies of Selected Metal Carbonyl and Boron-Metal Carbonyl Clusters, Department of Chemistry (S. G. Shore), 1 March 1986 through 28 February 1987. (Project 764293 - Continuation)

\$131,000.00 - National Science Foundation, Washington, DC, Liquid and Solid Helium at Very Low Temperature, Department of Physics (D. O. Edwards), 1 April 1986 through 31 March 1987. (Project 764034 - Continuation)

\$109,845.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Neural Aspects of Craniofacial Morphogenesis, College of Dentistry - Oral Biology (K. E. Alley), 1 March 1986 through 28 February 1987. (Project 764918 - Continuation)

April 3 and 4, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$107,156.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Molecular Mechanisms of Craniofacial Epithelial Differentiation, College of Dentistry - Diagnostic Services (C. F. Shuler), 1 February 1986 through 31 January 1987. (Project 765236 - New)

\$95,902.00 - National Science Foundation, Washington, DC, Fundamental Studies in Elastohydrodynamic Lubrication, Department of Mechanical Engineering (B. J. Hamrock), 15 January 1986 through 31 December 1986. (Project 765242 - New)

\$90,275.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Neoplastic Transformation of Human Epithelial Cells, Department of Physiological Chemistry and Cancer Research Center (G. E. Milo), 1 January 1986 through 31 December 1986. (Project 761756 - Continuation)

\$87,490.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Neural Control of Human Intestinal Mucosa, Department of Physiology (H. J. Cooke), 1 January 1986 through 31 December 1986. (Project 765037 - Continuation)

\$84,170.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Rockville, MD, Residency Training in the General Practice of Dentistry, College of Dentistry - Community Dentistry (L. O. DiOrio), 1 July 1986 through 30 June 1987. (Project 764180 - Continuation)

\$83,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, CA, Discrete Control Modelling of Computer-Aided Control of Strongly Interactive Systems, Department of Industrial and Systems Engineering (R. A. Miller) and Department of Psychology (R. J. Jagacinski), 1 January 1986 through 30 September 1986. (Project 763264 - Continuation)

\$80,000.00 - National Science Foundation, Washington, DC, Experimental Study of Metal Films, Department of Physics (T. Lemberger), 1 March 1986 through 28 February 1987. (Project 765249 - New)

\$66,000.00 - National Science Foundation, Washington, DC, Superconductivity, Optical Properties and Transport in Binary Composite Media, Department of Physics (D. G. Stroud), 1 January 1986 through 31 May 1987. (Project 764511 - Continuation)

April 3 and 4, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$63,500.00 - National Science Foundation, Washington, DC, Synthetic Catalysts Based on Reversible Covalent Bond Formation, Department of Chemistry (A. W. Czarnik), 1 March 1986 through 28 February 1987. (Project 765171 - New)

\$62,500.00 - National Science Foundation, Washington, DC, Presidential Young Investigator Award, Department of Metallurgical Engineering (R. H. Wagoner), 1 July 1986 through 30 June 1987. (Project 764071 - Continuation)

\$59,527.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Argon Laser Trabeculoplasty Glaucoma Trial, Department of Ophthalmology (P. A. Weber), 22 February 1986 through 21 February 1987. (Project 764587 - Continuation)

\$52,767.00 - National Science Foundation, Washington, DC, Ice Dynamics on the Marie Byrd Land Slope: A Part of WISP, Institute of Polar Studies and Department of Geology and Mineralogy (I. M. Whillans), 1 January 1986 through 31 December 1986. (Project 763556 - Continuation)

\$51,596.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Neural and Humoral Control of Mucosal Transport, Department of Physiology (H. J. Cooke), 1 February 1986 through 31 January 1987. (Project 765048 - Continuation)

\$51,514.00 - Department of Health and Human Services, Public Health Service, National Institute of Dental Research, Bethesda, MD, Flow Cytometric Analysis of Oral Actinobacillus, College of Dentistry - Periodontics (W. Buchanan), 1 March 1986 through 28 February 1987. (Project 765251 - New)

\$49,884.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Pathogenesis of Chronic Oral Candidiasis, College of Dentistry - Diagnostic Services (C. M. Allen), 1 March 1986 through 28 February 1987. (Project 763997 - Continuation)

\$49,876.00 - Department of Transportation, Urban Mass Transportation Administration, Washington, DC, Evaluating the Desirability of Transit Deregulation, Department of City and Regional Planning (P. A. Viton), 24 March 1986 through 23 March 1987. (Project 765228 - New)

\$46,581.00 - Department of Agriculture, Washington, DC, Institutional Support from the Animal Health and Disease Research Act of 1977, College of Veterinary Medicine - Administration (R. A. Wright), 1 October 1985 through 30 September 1986. (Project 762621 - Continuation)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$45,000.00 - National Aeronautics and Space Administration, Washington, DC, Cellular Polarity and Interactions in Plant Gravi-perception, Department of Botany (F. D. Sack), 1 December 1985 through 14 December 1986. (Project 764883 - Continuation)

\$44,999.00 - Department of the Navy, Office of Naval Research, Arlington, VA, A Theoretical and Experimental Study of Weld Solidification under Transient Conditions, Department of Welding Engineering (W. A. Baeslack, III), 1 October 1985 through 30 April 1986. (Project 764095 - Continuation)

\$44,700.00 - National Science Foundation, Washington, DC, Secular Climate and Atmospheric Circulation Fluctuations over the Atlantic Area, Department of Geography (J. C. Rogers), 1 March 1986 through 28 February 1987. (Project 765243 - New)

\$35,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Normal Volunteers for Participation in Medical Research Projects, Department of Microbiology (A. M. Ackermann-Brown), 1 April 1986 through 31 March 1987. (Project 764072 - Continuation)

\$28,010.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, MD, Development of Improved Gravity Field Estimates Using Existing Altimeter Data, Department of Geodetic Science and Surveying (R. H. Rapp), 1 April 1986 through 31 March 1987. (Project 764604 - Continuation)

\$25,000.00 - National Science Foundation, Washington, DC, Kinetics and Mechanism of the Passivation of Iron in Various Electrolytes, Department of Metallurgical Engineering (S. S. Smialowska), 1 March 1986 through 28 February 1987. (Project 763539 - Continuation)

\$24,996.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Mechanism of GI Motor Disturbances in Enteric Parasitism, Department of Physiology (J. D. Wood and J. M. Palmer), 13 February 1986 through 12 February 1987. (Project 765239 - New)

\$23,630.00 - Department of Education, Office of Postsecondary Education, Washington, DC, Supplemental Funds to Initiate, Improve or Expand a Program of Cooperative Education, Colleges of the Arts and Sciences - Administration, College of Administrative Science - Administration,

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

and College of Engineering - Administration (T. A. Willke) and Agricultural Technical Institute - Administrative Support (D. D. Garrison), 1 October 1985 through 30 September 1986. (Project 765241 - Continuation)

\$21,605.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Effect of Ceramic Grafts on Tooth Eruption, College of Dentistry - Oral Surgery (S. E. Feinberg) and College of Dentistry - Orthodontics (Z. Davidovitch), 1 February 1986 through 31 January 1987. (Project 765235 - New)

\$19,579.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Otitis Media with Effusion: Human and Animal Studies, Department of Otolaryngology (D. J. Lim), 1 December 1985 through 30 November 1986. (Project 760043 - Continuation)

\$18,728.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Flow Cytometric Analyses of Crevicular Neutrophils, College of Dentistry - Periodontics (W. Buchanan), 1 February 1986 through 31 January 1987. (Project 765229 - New)

\$17,139.00 - Smithsonian Institution, Washington, DC, Ecology of a Semitropical, Monsoonal Wetland in India (Bharatpur): I. Role of Seed Banks in Vegetation Development and II. Structure and Function of the Litter Compartment, School of Natural Resources (C. B. Davis), 1 September 1985 through 30 April 1987. (Project 765027 - Continuation)

\$16,494.00 - Department of the Army, Army Corps of Engineers, Vicksburg, MS, Procedures for Design of Underground Reinforced Concrete Structures, Department of Civil Engineering (R. S. Sandhu), 16 September 1985 through 30 June 1986. (Project 765153 - Continuation)

\$15,000.00 - National Aeronautics and Space Administration, Washington, DC, SETI (Search for Extraterrestrial Intelligence) Research, Department of Electrical Engineering (J. D. Kraus and R. S. Dixon), 1 February 1986 through 31 January 1987. (Project 764694 - Continuation)

\$9,000.00 - Department of the Army, Army Research Office, Research Triangle Park, NC, A Bayesian Statistics Year at The Ohio State University, Department of Statistics (P. K. Goel), 24 February 1986 through 23 August 1986. (Project 765250 - New)

TOTAL - FEDERAL AWARDS

\$2,878,982.00

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants

\$94,990.00 - State of Ohio, Public Utilities Commission, Columbus, OH, Proposal for a Study of Telephone Usage in Ohio, The National Regulatory Research Institute (D. N. Jones) and Department of Industrial and Systems Engineering (C. Mount-Campbell), 14 February 1986 through 13 April 1987. (Project 765245 - New)

\$1,571.00 - State of Ohio, Ohio Arts Council, Columbus, OH, Celebration of Hispanic Awareness Week, Office of Student Life (C. Alvarez-Breckenridge), 1 June 1985 through 30 April 1986. (Project 765175 - New)

TOTAL - STATE OF OHIO AWARDS \$ 96,561.00

Industrial Research Contracts/Grants

\$199,195.00 - Rockwell International, Los Angeles, CA, Independent Research and Development, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters, Jr.), 22 January 1986 through 30 September 1986. (Project 765225 - New)

\$94,541.00 - Ross Laboratories, Columbus, OH, Maximizing Yield of Specific Antibody in Mammary Secretion of Lactating Dairy Cows, Department of Dairy Science - OARDC (K. L. Smith), 1 January 1986 through 31 December 1986. (Project 765238 - New)

\$48,471.00 - Merrell Dow Pharmaceuticals Inc., Cincinnati, OH, Effects of Enoximone on Hepatic, Renal, and Limb and Central Hemodynamics in Congestive Heart Failure, Department of Medicine (C. V. Leier), 1 July 1985 through 30 April 1986. (Project 765231 - New)

\$38,688.00 - H. G. Pars Pharmaceutical Laboratories, Inc., Cambridge, MA, Investigational New Drug SP-325 (Naboctate Hydrochloride), Department of Ophthalmology (P. A. Weber), 1 November 1985 through 28 February 1986. (Project 765223 - New)

\$38,324.00 - Kali-Chemie A.G., Hanover, Federal Republic of Germany, Actions of KC-2450 (Exepanol) on Myenteric Neurons, Department of Physiology (J. D. Wood), 1 February 1986 through 31 January 1987. (Project 765220 - New)

\$30,015.00 - Centocor, Malvern, PA, PTRI-Centocor Collaborative Research, College of Pharmacy (D. T. Witiak), 15 February 1986 through 14 February 1987. (Project 765246 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$20,000.00 - Universal Energy Systems, Inc., Dayton, OH, Characterization of Alkoxide and Derived High Temperature Oxides and Zirconia Toughened Fused Silica, Department of Ceramic Engineering (C. H. Drummond, III), 1 January 1986 through 31 December 1986. (Project 765227 - New)

\$20,000.00 - Universal Energy Systems, Inc., Dayton, OH, Photoluminescence Excitation Spectroscopy for III-V Semiconductor Characterization, Department of Chemistry (P. L. Jones), 15 November 1985 through 14 November 1986. (Project 765205 - New)

\$15,586.00 - American Matrix Inc., Tampa, FL, Stereological Computer-Assisted Fluorometry: Development of Techniques for Analysis of Biological Material, College of Pharmacy (J. M. Jagadeesh) and Cancer Research Center (D. S. Yohn), 1 January 1986 through 30 June 1986. (Project 763373 - Continuation)

\$15,043.00 - Edison Welding Institute, Inc., Columbus, OH, Center for Welding Education, Department of Educational Policy and Leadership (J. E. Sage), 1 October 1985 through 30 June 1986. (Project 764812 - Continuation)

\$12,133.00 - Schuler, Inc., Columbus, OH, Assisting Schuler Corporation in Developing Transfer Press Training Programs, The National Center for Research in Vocational Education (R. E. Taylor), 1 February 1986 through 31 March 1986. (Project 765033 - Continuation)

\$12,002.00 - Edison Welding Institute, Inc., Columbus, OH, Administration of the Center for Welding Education, Department of Educational Policy and Leadership (J. E. Sage), 1 January 1986 through 31 March 1986. (Project 764853 - Continuation)

\$2,943.00 - Anchor Hocking, Lancaster, OH, Training and Development Internship Project, Department of Educational Policy and Leadership (R. Jacobs), 1 January 1986 through 31 March 1986. (Project 765070 - Continuation)

\$2,250.00 - Saudi Media Systems, Riyadh, Kingdom of Saudi Arabia, Technical Assistance for Saudi Media Systems, The National Center for Research in Vocational Education (R. E. Taylor), 1 February 1986 through 31 March 1986. (Project 768055 - New)

\$1,766.00 - Emmert Grains, Cincinnati, OH, Evaluating the Use of BGY-35 in Poultry Feeds for Layers, Department of

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

Poultry Science - OARDC and Department of Poultry Science (J. D. Latshaw), 1 January 1986 through 31 March 1986. (Project 765211 - New)

\$1,000.00 - Efamol Research Institute, Kentville, Nova Scotia, Canada, Essential Fatty Acids for the Treatment of Hyperkinesis: Placebo Controlled Comparison of D-Amphetamine, Department of Psychiatry (L. E. Arnold), 1 January 1985 through 30 June 1986. (Project 764551 - Continuation)

Equipment - Tandy Corporation, Ft. Worth, TX, Competency Levels for Training Allied Health Students and Practitioners to Use Computer Information Networks, School of Allied Medical Professions (F. Sevel), 10 January 1986 through 9 January 1987. (Project 765244 - New) (Approximate Dollar Value - \$8,483)

TOTAL - INDUSTRIAL AWARDS \$ 551,957.00

Other Non-Federal Research Contracts/Grants

\$233,169.00 - University of Cincinnati, Cincinnati, OH, Area Health Education Center Program, College of Medicine - Administration (G. L. Trzebiatowski), 1 October 1985 through 30 September 1986. (Project 765016 - Continuation)

\$45,000.00 - Butler County Department of Human Services, Hamilton, OH, Living Skills Development Program, Cooperative Extension Service Field Operations (P. H. Simmons), 1 January 1986 through 30 November 1986. (Project 765233 - Continuation)

\$29,904.00 - Council on International Educational Exchange, New York, NY, Intensive English in the U.S.A. for Japanese Teachers of English, International Affairs (F. M. Firebaugh), 1 April 1986 through 30 August 1986. (Project 765247 - Continuation)

\$28,688.00 - Battelle Memorial Institute, Columbus, OH, Interdisciplinary Research on Wear of Materials, Department of Metallurgical Engineering (D. A. Rigney), 1 January 1986 through 31 August 1986. (Project 764981 - Continuation)

\$28,682.00 - The Rockefeller Foundation, New York, NY, Studies in Pollen Development and Pollen Callus Formation in Rice: Cytological Localization of Histone Gene Transcripts, Department of Botany (V. Raghavan), 1 April 1986 through 31 March 1987. (Project 764632 - Continuation)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$27,000.00 - Battelle Memorial Institute, Columbus, OH, Indicators of Soviet Response to Development of a U.S. ABM System, Mershon Center for Education (C. F. Hermann), 28 October 1985 through 30 April 1986. (Project 765226 - Continuation)

\$20,000.00 - American Heart Association, Eastern Ohio Chapter, Inc., Youngstown, OH, Antiarrhythmic, Inotropic Effects of S(+), R(-)-Disopyramide, College of Pharmacy (J. J. Lima) and Department of Medicine (S. F. Schaal), 1 February 1986 through 31 January 1987. (Project 765230 - New)

\$15,000.00 - United States Golf Association, Far Hills, NJ, Effect of High Temperature Stress on the Survival Rate of Annual Bluegrass Biotypes, Department of Agronomy - OARDC and Department of Agronomy (T. K. Danneberger), 1 February 1986 through 31 January 1987. (Project 765232 - New)

\$7,865.00 - American Cancer Society, Ohio Division, Inc., Cleveland, OH, The "Metastasis" of "How to Avoid Dying from Cancer...Now and Later" to Other Sites, School of Health, Physical Education and Recreation (M. S. Chen) and Department of Surgery (J. Minton), 1 February 1986 through 31 January 1987. (Project 765210 - New)

\$6,959.00 - Utah State Board of Vocational Education, Salt Lake City, UT, Development of Self-Evaluation Instruments for Utah's Postsecondary Vocational Education Accreditation/Evaluation Program, The National Center for Research in Vocational Education (R. E. Taylor), 1 December 1985 through 31 March 1986. (Project 765197 - New)

\$5,325.00 - North Carolina Division of Public Instruction, Raleigh, NC, Designing and Developing Information Dissemination Products for the North Carolina Division of Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 February 1986 through 15 June 1986. (Project 765224 - New)

\$5,000.00 - Ohio Valley Regional Development Commission, Portsmouth, OH, Yellow Poplar Products Manufactured and Marketed in Ohio, School of Natural Resources (R. D. Touse), 1 December 1985 through 1 May 1986. (Project 765222 - New)

\$3,000.00 - Michigan Bureau of Correctional Facilities, Lansing, MI, National Corrections Education Consortium, The National Center for Research in Vocational Education (R. E. Taylor), 1 January 1986 through 31 December 1986. (Project 765109 - Continuation)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$2,000.00 - Del Mar College, Corpus Christi, TX, National Postsecondary Alliance, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1985 through 30 June 1986. (Project 764743 - Continuation)

\$1,500.00 - Nebraska Department of Education, Career Guidance and Counseling, Lincoln, NE, Career Guidance Consortium, The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1985 through 30 September 1986. (Project 765089 - Continuation)

TOTAL - OTHER NON-FEDERAL AWARDS **\$ 459,092.00**

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

\$500.00 - additional funding from the Thomas A. Edison Partnership Program, Columbus, OH, "Development of Pneumatic Rotary Directional Control Valve," Department of Mechanical Engineering, 1 August 1985 through 31 July 1986. (529680)

Industrial and Other Sponsored Research and Development

\$26,677.00 - General Electric, AEBG, Cincinnati, OH, "A Study of Titanium Aluminide Weldability," Department of Welding Engineering, 26 February 1986 through 25 February 1987. (529701)

\$25,013.00 - Sandia National Laboratories, Albuquerque, NM, "Development of Novel Protective Coatings for Steel," Department of Metallurgical Engineering, 1 February 1985 through 30 September 1986. (529675 - Ext. 1)

\$25,012.00 - Sandia National Laboratories, Albuquerque, NM, "Determination of the Factors Controlling Hydrogen Absorption into Metal," Department of Metallurgical Engineering, 1 March 1985 through 31 August 1986. (529676 - Ext. 1)

\$24,618.00 - from 21 sponsors of 24 development projects under the direction of three engineering departments or research areas.

\$17,073.00 - Sperry Corporation, Reston, VA, "Research on Radar Signal Processing for Aircraft Identification," Department of Electrical Engineering, 15 January 1986 through 14 January 1987. (529699)

April 3 and 4, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION (contd)

Industrial and Other Sponsored Research and Development (contd)

\$9,000.00 - Exxon Pipeline, Houston, TX, and Alloy Rods Corp., Hanover, PA, "Root Beat Discontinuities in Field Welds," Department of Welding Engineering, 24 February 1986 through 30 April 1986. (312866)

\$5,000.00 - General Electric, AEBG, Cincinnati, OH, "Testing of Models of Two Anti-reingestion Tunnels," Department of Aero/Astro Engineering, 21 November 1985 through 31 May 1986. (312863 - Ext. 1)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 132,393.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

Vernon E. and Vernetta M. Winnett Scholarship Fund

The Vernon E. and Vernetta M. Winnett Scholarship Fund was established April 4, 1986, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the Estate of Vernetta M. Winnett, Charlotte, Michigan.

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

The annual income shall be used for scholarship awards to undergraduate students enrolled at The Ohio State University. Selection of the award recipients shall be made by the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for student financial aid.

The Judge Glenn E. Detling Scholarship Fund

The Judge Glenn E. Detling Scholarship Fund was established April 4, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Glenn E. Detling, J.D. '40,

April 3 and 4, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Judge Glenn E. Detling Scholarship Fund (contd)

Springfield, Ohio, on his behalf and in memory of his brother, Kenneth D. Detling, Ph.D., Chemistry '34.

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

The annual income shall be used to provide one or more scholarships to students entering or attending The Ohio State University who are graduates of Ansonia High School, Ansonia, Ohio, regardless of financial need. If in any year there are no such students, the income may be awarded in subsequent years to students who fulfill the requirements. In the event Ansonia High School would merge with another high school, then the scholarship(s) is to be awarded to graduates from the Ansonia School District. Selection of the award recipients shall be made by the University Committee on Student Financial Aid in consultation with the Ansonia High School Alumni Association Scholarship Committee, the Principal of Ansonia High School and the President of the Ansonia Board of Education.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for student financial aid.

The Karlsberger/Adams Fund

The Karlsberger/Adams Fund was established April 4, 1986, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Penny Karlsberger, B.S.Ed. '67, M.A., Education '85, and her husband Ray Karlsberger, B.A., Social and Behavioral Sciences '66, in memory of Clete Adams, who made this gift possible.

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

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Karlsberger/Adams Fund (contd)

The annual income shall be used to provide fellowship or research support for a graduate student in Counselor Education during his or her master's or doctoral program. The intent of the award is to assist a graduate student in being able to begin or continue in a graduate program. If the income is used to provide research support, then the amount awarded to a student may not exceed her actual cost of conducting the research. Preference shall be given to women students interested in women's issues. Selection shall be made by a committee of graduate faculty in the Counselor Education program and administered through the Graduate Studies Office in the College of Education.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the support of graduate students interested in counseling and women's issues.

The Dr. James Hutchison Williams
Medical Scholarship Fund

The Dr. James Hutchison Williams Medical Scholarship Fund was established April 4, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the College of Medicine Class of 1977 in honor of Dr. James Hutchison Williams, M.D. '46, M.R., Medical Science '52.

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

The annual income shall be used to provide a scholarship award to a College of Medicine student who has excelled in preclinical academic subjects during his/her first and second year of study in the College of Medicine and the major clerkships of the third year. The scholarship should be used for an enrichment experience during the student's final year in medical school. The award recipients shall be recommended and/or approved by the Associate Dean of Medical Student Affairs and the Dean of the College of Medicine.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the Dean of the College of Medicine.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

John T. Mount 4-H Achievement Fund

The John T. Mount 4-H Achievement Fund was established April 4, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from many alumni, and friends, upon the occasion of John T. Mount's retirement as Vice President and Dean Emeritus, and from his wife, Ruth W. Mount, in recognition of his deep commitment to academic excellence and his sustained belief in the value of the 4-H Program administered by the Ohio Cooperative Extension Service of The Ohio State University.

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

The annual income shall be used to make cash awards to recognize one or more undergraduate or graduate students who are current or former 4-H members. The recipients shall be selected primarily on the basis of merit for their achievements in the areas of high scholarship, effective leadership, dedicated service and actions that exemplify the ideals of 4-H. The selection procedure shall be determined by the State 4-H staff and shall involve members of the Ohio 4-H Foundation Board of Directors. A portion of the earnings, not to exceed 20%, may be used to fund mementos, plaques, certificates and other products and services which would assist in bringing recognition to the recipients and 4-H through the presentation of this award.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate University official who is then responsible for the 4-H program.

The V. Ray Frederick Memorial Scholarship Fund

The V. Ray Frederick Memorial Scholarship Fund was established April 4, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from family and friends in memory of V. Ray Frederick, a former student at Franz Theodore Stone Laboratory.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The V. Ray Frederick Memorial Scholarship Fund (contd)

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

The annual income shall be used to provide one or more scholarships to students from another institution who enroll in the Franz Theodore Stone program and/or out-of-state undergraduate and/or graduate students who have demonstrated academic excellence and need for financial assistance, to study at the Franz Theodore Stone Laboratory. The selection of the recipients shall be made by the University Committee on Student Financial Aid upon the recommendation of the F. T. Stone Laboratory Scholarship Committee and in cooperation with the Director of the Laboratory and the Dean of the College of Biological Sciences.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is at that time directly responsible for Lake Erie teaching, research and service.

The Presutti Dance Fund

The Presutti Dance Fund was established April 4, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Dr. John R. (B.S., Biological Sciences '56, M.D. '60) and Mrs. Janet P. Madison (B.S.Ed. '58, M.A., Physical Education '65), in memory of Mrs. Mary Presutti.

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

The annual income shall be used at the discretion of the Chairperson of the Department of Dance in consultation with the appropriate dance faculty, and with the approval of the Dean of the College of The Arts.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for

April 3 and 4, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Presutti Dance Fund (contd)

any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the academic programs in Dance.

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**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 86-108

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Administration to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

OHIO ARTHRITIS AND GERIATRIC CENTERS

Description: This project provides for specialized outpatient and inpatient facilities and equipment for the diagnosis and treatment of arthritis patients, and for conducting clinical research and teaching activities in reference to the disease process of arthritis. The Geriatric Center involves the construction of a center to meet the growing demands of an aging population. The project will provide administrative, teaching and research space. Work is scheduled to begin in the Spring of 1986 and be completed in April 1988.

General Contract

Date Received:	January 9, 1986
No. of Bids:	2
Low Bid:	\$3,406,870.00*

*Recommended alternates reflected in these figures.

April 3 and 4, 1986 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

OHIO ARTHRITIS AND GERIATRIC CENTERS (contd)

General Contract (contd)

High Bid:	\$3,476,397.00*
Estimate of Cost:	\$3,426,650.00*
Awarded to:	Sherman R. Smoot Co., Columbus, OH

Plumbing Contract

Date Received:	January 9, 1986
No. of Bids:	8
Low Bid:	\$ 456,100.00*
High Bid:	\$ 562,055.00*
Estimate of Cost:	\$ 463,630.00*
Awarded to:	River City Mechanical, Cincinnati, OH

Fire Protection Contract

Date Received:	January 9, 1986
No. of Bids:	5
Low Bid:	\$ 62,639.00
High Bid:	\$ 85,265.00
Estimate of Cost:	\$ 137,500.00
Awarded to:	Cincinnati Sprinkler Co., Cincinnati, OH

HVAC Contract

Date Received:	January 9, 1986
No. of Bids:	11
Low Bid:	\$ 877,900.00*
High Bid:	\$1,202,175.00*
Estimate of Cost:	\$1,056,528.00*

*Recommended alternates reflected in these figures.

April 3 and 4, 1986 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

OHIO ARTHRITIS AND GERIATRIC CENTERS (contd)

HVAC Contract (contd)

Awarded to: A T F Sheet Metal, Columbus, OH

Electric Contract

Date Received: January 9, 1986

No. of Bids: 7

Low Bid: \$ 790,000.00

High Bid: \$1,100,000.00

Estimate of Cost: \$ 904,500.00

Awarded to: Meisner Electric, Columbus, OH

Total All Contracts: \$5,593,509.00*

Total Equipment: \$1,484,500.00

Total Contingency Allowance: \$ 422,838.99 (which is 8% of
construction costs)

Total Project Cost: \$8,000,000.00*

Funding: HB 552, SB 381 and University
Funds

*Recommended alternates reflected in these figures.

VETERINARY COLLEGE BUILDING IMPROVEMENTS - PHASE III
(GOSS LABORATORY RENOVATIONS)

Description: This phase of the Veterinary College Building Improvements provides for repairs and improvements, including replacement of fixed equipment, in the Applied Pathology area, second floor, Goss Laboratory. Work is scheduled to begin in the Spring of 1986 and be completed within one year.

General Contract

Date Received: February 4, 1986

No. of Bids: 8

April 3 and 4, 1986 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

VETERINARY COLLEGE BUILDING IMPROVEMENTS - PHASE III
(GOSS LABORATORY RENOVATIONS) (contd)

General Contract (contd)

Low Bid:	\$207,415.00*+
High Bid:	\$277,500.00*
Estimate of Cost:	\$191,581.00*
Awarded to:	Functional Development, Worthington, OH

Electric Contract

Date Received:	February 4, 1986
No. of Bids:	5
Low Bid:	\$ 9,950.00
High Bid:	\$ 17,300.00
Estimate of Cost:	\$ 11,419.00
Awarded to:	J. L. Jeffries Electric, Newark, OH

Total All Contracts: \$217,365.00*

Total Contingency Allowance: \$ 15,334.74 (which is 7% of construction costs)

Total Project Cost: \$266,500.00*

Funding: HB 798 (U & R) and University Funds

*Recommended alternates reflected in these figures.

+General Contract is in excess of filed estimate of cost; however, the total price of all contracts is within 10% of the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code.

ROAD IMPROVEMENTS - OLD DAIRY ROAD
OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

Description: This project provides for a complete asphalt paved roadway, and a complete and proper drainage system to upgrade the Old Dairy Road at Wooster, Ohio. Construction is scheduled to begin in the Spring of 1986 and is expected to be completed within 120 days.

April 3 and 4, 1986 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

ROAD IMPROVEMENTS - OLD DAIRY ROAD
OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER (contd)

General Contract

Date Received:	February 18, 1986
No. of Bids:	6
Low Bid:	\$31,260.50
High Bid:	\$60,440.92
Estimate of Cost:	\$69,125.00
Awarded to:	Lytle Construction, Wooster, OH
Total All Contracts:	\$31,260.00
Total Contingency Allowance:	\$ 2,230.45 (which is 7% of construction costs)
Total Project Cost:	\$36,000.00
Funding:	SB 381 (U & R)

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

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

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SUPPORT LEVEL FOR NAMED FUNDS AND
DESIGNATED CHAIRS AND PROFESSORSHIPS

Resolution No. 86-109

Synopsis: Raising minimum support level for "Named Funds" from \$5,000 to \$15,000, for "Designated Chairs" from \$45,000 to \$75,000 and for "Designated Professorships" from \$15,000 to \$30,000 is proposed.

WHEREAS the Board of Trustees on January 14, 1965, approved guidelines for the establishment of "Named Chairs" and "Named Professorships," which were subsequently modified March 3, 1972, and renamed "Endowed Chairs" and "Endowed Professorships"; and

April 3 and 4, 1986 meeting, Board of Trustees

**SUPPORT LEVEL FOR NAMED FUNDS AND
DESIGNATED CHAIRS AND PROFESSORSHIPS (contd)**

WHEREAS the guidelines were revised on May 5, 1978, to require minimum support levels of \$750,000 to establish an "Endowed Chair" and \$250,000 to establish an "Endowed Professorship"; which were subsequently modified September 6, 1985, to \$1,250,000.00 and \$500,000.00, respectively; and

WHEREAS the Board of Trustees on March 3, 1972, approved guidelines for the establishment of a minimum support level of \$5,000.00 for "Named Funds"; and

WHEREAS the Board of Trustees on May 5, 1978, approved guidelines for the establishment of minimum support levels of \$45,000.00 for "Designated Chairs" and \$15,000.00 for "Designated Professorships"; and

WHEREAS these levels of support are no longer adequate to generate the resources needed to attract and/or retain the distinguished faculty leadership that is so vital to the University:

NOW THEREFORE

BE IT RESOLVED, That support in the amount of \$15,000.00 or more will be recognized by the establishment of a permanent "Named Fund" which will provide an enduring memorial to the donor and bear the donor's name or an appropriate name of the donor's designation. The fund will be invested in the University's endowment and the income will be used to provide support for programs designated by the donor; and

BE IT FURTHER RESOLVED, That annual support in the amount of \$75,000.00 or more will be recognized by the establishment of a "Designated Chair" for a specific term which will bear the donor's name or an appropriate name of the donor's designation. The donor will ordinarily be expected to guarantee support for a minimum of three years. Annual support provided for a "Designated Chair" will be used to provide compensation and/or program support for truly distinguished scholars in an academic discipline designated by the donor; and

BE IT FURTHER RESOLVED, That annual support in the amount of \$30,000.00 or more will be recognized by the establishment of a "Designated Professorship" for a specific term which will bear the donor's name or an appropriate name of the donor's designation. The donor will ordinarily be expected to guarantee support for a minimum of three years. Annual support provided for a "Designated Professorship" will be used to provide compensation and/or program support for truly distinguished scholars in an academic discipline designated by the donor; and

April 3 and 4, 1986 meeting, Board of Trustees

**SUPPORT LEVEL FOR NAMED FUNDS AND
DESIGNATED CHAIRS AND PROFESSORSHIPS (contd)**

BE IT FURTHER RESOLVED, That this increase in support levels for "Named Funds," "Designated Chairs," and "Designated Professorships" shall not affect "Endowed Chairs," "Endowed Professorships," "Named Funds," "Designated Chairs," and "Designated Professorships" currently existing or in the process of being developed.

Upon motion of Mr. Berry, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**APPOINTMENT OF INVESTMENT ADVISOR
AND REAPPOINTMENT OF INVESTMENT ADVISORS**

Resolution No. 86-110

Synopsis: Appointment of Investment Advisor and Reappointment of Investment Advisors is proposed.

WHEREAS it is the policy of The Ohio State University to utilize the services of external Investment Advisors to assist in the management of the University's Endowment Fund; and

WHEREAS the Fiscal Affairs Committee of the Board of Trustees periodically reviews the results obtained by external Investment Advisors and the amount of funds assigned to each of them; and

WHEREAS it is prudent investment policy to adjust the mix and amounts of money assigned to external Investment Advisors as economic conditions change; and

WHEREAS the number of external Investment Advisors and the amount of funds assigned to them shall be determined by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That upon the recommendation of the Fiscal Affairs Committee of the Board of Trustees the following named external Investment Advisor shall be appointed and the following external Investment Advisors shall be reappointed to counsel in the management of Endowment Fund investments totaling the initial amounts indicated:

Centerre Trust Company	\$10,000,000
The Chicago Corporation	\$20,000,000

April 3 and 4, 1986 meeting, Board of Trustees

**APPOINTMENT OF INVESTMENT ADVISOR
AND REAPPOINTMENT OF INVESTMENT ADVISORS (contd)**

Huntington Investment Management Company	\$ 9,500,000
Neuberger & Berman Mutual Funds:	
Energy Fund	\$ 2,000,000
Guardian Fund	\$ 2,000,000
Partners Fund	\$ 1,000,000
Nicholas-Applegate Capital Management (New appointment)	\$10,000,000
Siebel Capital Management, Incorporated	\$21,000,000
STW Fixed Income Management, Incorporated	\$10,000,000

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

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President Jennings made the following statement:

In 1983 the General Assembly of the State of Ohio in its wisdom--enacted into law legislation that would allow institutions whose employees are members of STRS (the State Teachers Retirement System) to purchase up to five years of credit towards their retirement. You may recall that in responding to this legislation, during 1983 we instituted a program whereby we would purchase up to three years credit for eligible STRS members. We kept it at three years primarily because we did not know the demand and wanted to be a bit cautious on the cash flow issue. During the past year-and-a-half, 137 people have taken advantage of this program, and I believe by all standards it has been a substantial benefit to our faculty members, and has also been a benefit that very clearly has a financial aspect to it that the University could afford. A better way to make the point--the total cost of last year's program was approximately \$3.2 million--the total salary freed up was approximately \$5 million.

Based on this experience, last year the Board approved an extension of this program through October 1988, and increased the number of purchasable years to five as allowed under the law.

President Jennings: (contd)

As you might expect, given the fact that there are several retirement systems, most notable among them being the Public Employees Retirement System (PERS), there has been much discussion, debate and concern expressed about the lack of a similar program offering for participants in these systems. At Ohio State, we have 12,272 staff who are members of PERS. Under existing law, we do not have the authority to provide an early retirement incentive program for this group. While a plan similar to the STRS program is now before the General Assembly, there is much concern about its ultimate fate.

The two bills pending on the question of a PERS retirement incentive are Senate Bill 206 and House Bill 706. Each bill is unique and each body of the General Assembly has approved its version and referred it to the other body for consideration. The Legislature has adjourned and will not be in full session for some time. It appears at this time that no action on these PERS bills is possible in the immediate future.

While it is uncertain what the disposition of the PERS bills will be, it is hoped that early positive action will be forthcoming by the General Assembly and that such action will eliminate the differences that currently exist between classes of University employees with respect to retirement incentives. Further, such a program would provide the same level of planning flexibility and utilization for non-faculty staff members as we currently have at the faculty level. I would encourage each of you to give your support to early passage of this legislation.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 86-111

RESOLVED, That the report on the University's Investment Portfolio, dated March 21, 1986, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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April 3 and 4, 1986 meeting, Board of Trustees

Thereupon the Board adjourned to meet Thursday, May 1, 1986,
at The Ohio State University Fawcett Center for Tomorrow,
Columbus, Ohio, at 12:00 noon.

Attest:

Madison H. Scott
Secretary

John F. Havens
Chairman

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND TWO HUNDRED AND TWENTIETH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, May 1, 1986

The Board of Trustees met at its regular monthly meeting on Thursday, May 1, 1986, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

* * *

Minutes of the last meeting were approved.

* * *

May 1, 1986 meeting, Board of Trustees

The Chairman, Mr. Havens, called the meeting of the Board of Trustees to order at 12:00 noon. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: John F. Havens, Chairman, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, Hamilton J. Teaford, John J. Barone, and Deborah E. Casto.

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Mr. Havens reconvened the meeting at 3:00 p.m.

Present: John F. Havens, Chairman, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, Hamilton J. Teaford, John J. Barone, and Deborah E. Casto.

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**ELECTION OF OFFICERS
BOARD OF TRUSTEES**

Resolution No. 86-112

Mr. Scott read the Nominating Committee's report in which the following slate of officers were recommended:

WHEREAS pursuant to paragraph (B) of rule 3335-1-02 of the Administrative Code, the officers of the Board are to be elected at the May meeting to take office immediately following adjournment of the meeting (May 1, 1986) and shall hold their office through the May 1987 meeting:

NOW THEREFORE

BE IT RESOLVED, That the following slate of officers for 1986-87 be elected:

Daniel M. Galbreath, Chairman

Edmund C. Redman, Vice Chairman

Madison H. Scott, Secretary

James L. Nichols, Treasurer

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

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May 1, 1986 meeting, Board of Trustees

COMMITTEE APPOINTMENTS 1986-87

Resolution No. 86-113

WHEREAS the appointments to Committees and representatives to the Research Foundation Board of Directors, the Development Fund Board of Directors, the Inter-University Council, the University Hospitals Board, and the University Foundation Board of Directors for 1986-87 are as follows:

**Educational Affairs
Committee**

Leonard J. Immke, Chairman
John J. Barone, Vice Chairman
Deborah E. Casto

Fiscal Affairs Committee

Hamilton J. Teaford, Chairman
Edmund C. Redman, Vice Chairman
John W. Berry

**Standing Committee on Agri-
cultural Affairs**

Shirley D. Bowser, Chairman
Steven D. Maurer, Vice Chairman
Ex Officio
John W. Berry

Student Affairs Committee

John J. Barone, Chairman
Deborah E. Casto, Vice Chairman
New Board Member

Personnel Committee

Daniel M. Galbreath, Chairman
Edmund C. Redman, Vice Chairman
Leonard J. Immke

**Development Fund Board of
Directors**

John W. Berry (1985-87)
Edmund C. Redman (1985-87)

Inter-University Council

New Board Member

**Research Foundation Board
of Directors**

Daniel M. Galbreath (1985-87)

University Hospitals Board

Shirley D. Bowser
Leonard J. Immke

**University Foundation Board
of Directors**

Leonard J. Immke*
Hamilton J. Teaford

*Executive Committee

NOW THEREFORE

BE IT RESOLVED, That the Committee appointments and the representatives to the Research Foundation Board of Directors, the Development Fund Board of Directors, the

May 1, 1986 meeting, Board of Trustees

COMMITTEE APPOINTMENTS 1986-87 (contd)

Inter-University Council, the University Hospitals Board, and the University Foundation Board of Directors for 1986-87 be approved.

Upon motion of Mr. Teaford, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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RENAMING OF COLLEGE

Resolution No. 86-114

Synopsis: A proposal to change the name of the College of Administrative Science to the College of Business is recommended.

WHEREAS the faculty in the College of Administrative Science unanimously supports the renaming of the College of Administrative Science, the College of Business; and

WHEREAS the current name is not common among business schools and causes confusion for alumni and business executives; and

WHEREAS the proposed name would more accurately identify the College's primary field of study:

NOW THEREFORE

BE IT RESOLVED, That the University Senate approved the renaming of the College of Administrative Science, the College of Business, on April 5, 1986, and respectfully requests concurrence by the Board of Trustees.

Upon motion of Mr. Immke, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY

Resolution No. 86-115

Synopsis: Rescission of current rules 3335-5-46 through 3335-5-63 and the replacement of these rules by adoption of new rules 3335-5-46 through 3335-5-493, 3335-11-021 and 3335-11-022; and amendments to rules 3335-3-03, 3335-3-18, 3335-3-21, 3335-3-25, 3335-3-38, 3335-5-021, 3335-5-023, 3335-5-04, 3335-5-05, 3335-5-14, 3335-7-02, 3335-11-02, and 3335-11-05 of the Rules of the University Faculty are proposed.

May 1, 1986 meeting, Board of Trustees

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to the Rules of the University Faculty as approved by the University Senate; and

WHEREAS the University Senate desires that non-substantive changes be made to the Rules of the University Faculty by way of reorganizing various rules and sections; and

WHEREAS the proposed changes in the Rules of the University Faculty were approved by the University Senate on February 1, 1986, March 8, 1986, and April 5, 1986, as follows:

RESCINDED RULES

Rules 3335-5-46 through 3335-5-63.

NEW RULES

3335-5-46 Senate committee operating procedures.

The university senate shall have committees designated as organizing, standing, or special.

(A) Membership.

- (1) Unless otherwise designated by rule, the president shall appoint all committees of the university faculty and the senate (see paragraph (D) of rule 3335-3-03 of the Administrative Code).
- (2) When a rule provides for the option of selecting a designee to a committee, the designee shall be appointed by the person being replaced.
- (3) Committee vacancy.
 - (a) The chairperson will report vacancies to the appropriate nominating source through the office of the university senate. For the purpose of this rule, a vacancy exists when an elected member is unable to meet the participation requirements defined by the committee.
 - (b) Unless otherwise specified, when an unexpired term becomes vacant, the vacancy shall be filled in the same manner that the position was originally filled. A member selected to fill such a vacancy shall serve for the duration of the unexpired term.
- (4) The membership of each committee shall be made known through the report of the secretary of the university senate.

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

(5) Terms of office.

- (a) Unless otherwise specified by the rules, election of members to senate committees shall take place at a special meeting in spring quarter of senate members serving the following year.
- (b) Unless otherwise specified by the rules, terms of office of senate committee members shall begin and end on the first day of autumn quarter.

(B) Duties and responsibilities.

- (1) Senate committees shall report at least annually to the senate at a time and in a manner specified by the program committee of the senate.
- (2) Senate committees shall define reasonable participation requirements for the conduct of ongoing business.

(C) Organization.

Committee chairpersons. Except where otherwise specified by the rules, each committee shall elect a chairperson pro tem in the spring from its continuing membership and a chairperson at its first meeting in the autumn quarter.

3335-5-47 Organizing committees of the senate.

(A) The senate shall have four organizing committees (see rules 3335-5-471 through 3335-5-474 of the Administrative Code):

- (1) Steering committee;
- (2) Program committee;
- (3) Rules committee;
- (4) Elections committee.

(B) Membership.

- (1) Election to the organizing committees shall be by the senate upon written nomination submitted at least seven days prior to voting. The president shall nominate members of the administration; the faculty council, the council of graduate students, the inter-professional council, and the undergraduate student assembly shall nominate members of their own constituency.

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

(2) Only members of the senate may serve on organizing committees.

(3) Terms of office.

(a) Faculty members shall serve two-year terms and shall not be eligible for immediate reelection.

(b) Student members shall serve one-year terms and shall be eligible for reelection.

(c) Elected administration members shall serve two-year terms and shall not be eligible for immediate reelection.

(C) Organizing committees are also governed by the provisions of rule 3335-5-46 of the Administrative Code.

3335-5-471 Steering committee.

(A) Membership.

The steering committee shall consist of fourteen members.

(1) Six regular faculty, all of whom are members of the senate, shall be nominated by faculty council and elected by the senate.

(a) The term of office is two years, and three members shall be elected each year.

(b) The names of at least three and no more than six nominees will be submitted at least seven days prior to voting when new representatives are to be elected.

(2) Four students.

(a) The president of the council of graduate students.

(b) The president of the inter-professional council.

(c) The president of the undergraduate student government.

(d) One elected by the senate from the undergraduate student membership of the senate. Nomination will be made by the undergraduate student government. The term of office is one year.

(3) Four administrators.

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

- (a) The vice president for academic affairs and provost.
- (b) The vice president for finance.
- (c) The secretary of the university senate (non-voting).
- (d) A dean, who is a member of the senate, shall be nominated by the president and elected by the senate.
 - (i) The term of office is two years.
 - (ii) The names of not more than two nominees will be submitted at least seven days prior to voting when a new representative is to be elected.

(B) Duties and responsibilities.

- (1) Be the senate's committee on committees: the steering committee shall have the power to call, by vote of nine of its members, a special meeting of the senate, and shall have such power and duties as the senate may delegate to it during periods when the senate is not in session. It may create subcommittees and may delegate to them any of its powers, functions, and duties.
- (2) It shall review proposed rule changes concerning senate committee structure, duties, and responsibilities and may review other proposed rule changes prior to presentation to the senate.
- (3) Serve as a channel of communication between the senate and the president and the board of trustees. Members shall be an advisory group available to both the president and the board of trustees for advice and counsel on any matter relating to the operation and development of the university. After consulting with the president, the members of the steering committee may request and obtain a meeting with the board of trustees.
- (4) Nominate candidates for election by the senate to membership on those committees for which other means of nomination are not specified in the rules.
- (5) Meet at least once every year with the chairperson of each standing committee.

(C) Organization.

- (1) Election of members to the steering committee shall take place at a special meeting in spring

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

quarter of senate members selected to serve the following year. Voting shall be by written ballot. For the period of time beginning with this election and ending with the start of the autumn quarter, the steering committee shall consist of the newly elected and continuing members. During this period, the outgoing members shall serve as alternates.

- (2) The committee shall annually elect a chairperson from its regular faculty membership.
- (3) As an organizing committee of the senate, this committee is also governed by the provisions of rules 3335-5-46 and 3335-5-47 of the Administrative Code.

3335-5-472 Program Committee.

(A) Membership.

The program committee shall consist of nine members.

- (1) Four regular faculty, all of whom are members of the senate, shall be nominated by faculty council and elected by the senate.
 - (a) The term of office is two years and two members shall be elected each year.
 - (b) The names of at least two and not more than four nominees will be submitted at least seven days prior to voting.
- (2) Three students, all of whom are members of the senate, shall be elected by the senate for one-year terms.
 - (a) One graduate student nominated by the council of graduate students.
 - (b) One professional student nominated by the inter-professional council.
 - (c) One undergraduate student nominated by the undergraduate student assembly.
- (3) Two administrators.
 - (a) The secretary of the university senate.
 - (b) A dean, who is a member of the senate, shall be nominated by the president and elected by the senate.

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

(i) The term of office is two years.

(ii) The names of not more than two nominees will be submitted at least seven days prior to voting.

(B) Duties and responsibilities.

- (1) Receive proposals for senate action and set the senate's agenda. The agenda shall be mailed to members of the senate at least seven calendar days prior to the senate meeting.
- (2) Serve as continuing liaison between the senate and the three constituent bodies as well as the university at large.
- (3) Schedule for senate consideration items referred by committees of the senate, by the faculty council, by the administration, by the student governments, and by individual senate members. To keep the agenda manageable, however, the program committee may assign priority to such items and schedule those it deems less urgent for a subsequent senate meeting. Proposals not originating within the senate, its committees, or the constituent bodies may also be placed on the agenda. The program committee is empowered to refer all items to an appropriate committee or body for further study before presentation to the senate.
- (4) Send to senate members, along with the call for each meeting, a brief report outlining proposals brought before the program committee but not yet appearing on the senate's agenda.
- (5) Schedule reports of senate committees.
- (6) Identify matters of potential concern to the senate and work with the principal standing committees and with other bodies in the coordination and planning of the senate's continuing agenda.

(C) Organization.

- (1) The committee shall elect a chairperson pro tem in the spring from its continuing membership and a chairperson at its first meeting in the autumn quarter.
- (2) As an organizing committee of the senate, this committee is also governed by the provisions of rules 3335-5-46 and 3335-5-47 of the Administrative Code.

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

3335-5-473 Rules committee.

(A) Membership.

The rules committee shall consist of ten members.

- (1) Six regular faculty, all of whom are members of the senate, shall be nominated by faculty council and elected by the senate.
 - (a) The term of office is two years and three members shall be elected each year.
 - (b) The names of at least three and not more than six nominees will be submitted at least seven days prior to voting.
- (2) Three students, all of whom are members of the senate, shall be elected by the senate for one-year terms.
 - (a) One graduate student nominated by the council of graduate students.
 - (b) One professional student nominated by the inter-professional council.
 - (c) One undergraduate student nominated by the undergraduate student assembly.
- (3) One administrator. The secretary of the university senate.

(B) Duties and responsibilities.

- (1) Be responsible, in cooperation with the secretary of the university senate, for the formal supervision of the published "Rules of the University Faculty" and of all statutes and bylaws pertaining to the senate. The rules committee shall keep all published statutes and rules within its purview up to date and shall plan their republication at such intervals as may be desirable. It shall supervise the procedural rules for the senate and make appropriate recommendations for revision as required.
- (2) Following senate approval, the committee shall receive all proposed new rules and changes in existing rules. It shall review them and recommend to the senate such editorial and other changes as it deems appropriate or necessary to avoid conflict with other rules and university regulations. Its recommendations shall be

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

presented for final action at the next regular meeting of the senate. At this time, debate will be limited to the editorial changes recommended by the committee. If the committee is unable to report at this time, it shall inform the program committee of the reasons so that they may be included in the program committee's report on items not yet appearing on the senate's agenda.

- (3) Initiate rules or changes in existing rules and recommend them to the program committee for scheduling for senate action.
- (4) Review the structure and operation of the senate, and receive suggestions and initiate recommendations for change, as need and advantage may appear. The committee shall have continuing responsibility for assessing the structure, operation, and effectiveness of the senate, without, however, in any way restricting the senate's authority to alter its operation by other means.

(C) Organization.

- (1) The committee shall elect a chairperson pro tem in the spring from its continuing membership and a chairperson at its first meeting in the autumn quarter.
- (2) As an organizing committee of the senate, this committee is also governed by the provisions of rules 3335-5-46 and 3335-5-47 of the Administrative Code.

3335-5-474 Elections Committee.

(A) Membership.

The elections committee shall consist of nine members.

- (1) Four regular faculty, all of whom are members of the senate, shall be nominated by the faculty council and elected by the senate.
 - (a) The term of office is two years and two members shall be elected each year.
 - (b) The names of at least two and not more than four nominees will be submitted at least seven days prior to voting.
- (2) Four students, all of whom are members of the senate, shall be elected by the senate for one-year terms.

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

- (a) One graduate student nominated by the council of graduate students.
- (b) One professional student nominated by the inter-professional council.
- (c) Two undergraduate students nominated by the undergraduate student assembly.
- (3) One administrator, who is a member of the senate, shall be nominated by the president and elected by the senate.
 - (a) The term of office is two years.
 - (b) The names of not more than two nominees will be submitted at least seven days prior to voting.

(B) Duties and responsibilities.

- (1) Review and recommend to the senate changes in the election bylaws.
- (2) Oversee the implementation of the election bylaws and certify election results to the senate.
- (3) Hear appeals concerning election of senate members and make recommendations to the senate on the resolution of such appeals.

(C) Organization.

- (1) The committee shall elect a chairperson pro tem in the spring from its continuing membership and a chairperson at its first meeting in the autumn quarter.
- (2) As an organizing committee of the senate, this committee is also governed by the provisions of rules 3335-5-46 and 3335-5-47 of the Administrative Code.

3335-5-48 Standing and special committees of the senate.

- (A) The senate may establish such standing and special committees as it deems necessary or desirable.
 - (1) The standing committees of the senate are those committees defined in rules 3335-5-481 through 3335-5-4816 of the Administrative Code.
 - (2) A special committee is one established to carry out a specified task, at the completion of which it automatically ceases to exist.

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(B) Membership.

- (1) All standing and special committees of the senate shall include at least one regular faculty member of the senate.
- (2) Unless otherwise specified by the rules, or by the senate, committees shall be elected by the senate upon written nomination submitted to the membership by the steering committee or by individual members at least seven days prior to voting on those nominations.
- (3) Terms of office. Unless otherwise specified by the rules, student members shall serve one-year terms and be eligible for reelection; faculty and elected administrative members shall serve three-year terms and, except for members serving less than a full term, be ineligible for immediate reelection.

- (C) Standing and special committees are also governed by the provisions of rule 3335-5-46 of the Administrative Code.

3335-5-481 Council on academic affairs.

(A) Membership.

The council on academic affairs shall consist of fourteen members.

- (1) Nine regular faculty.

- (a) Five regular faculty, at least two of whom are members of the senate, shall be nominated by the faculty council and elected by the senate. The term of office is three years with one member elected the first year and every third year thereafter, and two members elected in each of the other years.
- (b) Four regular faculty shall be appointed by the president for three-year terms; two the first year and every third year thereafter, and one in each of the other years.
- (c) A faculty member who has completed a three-year term shall not be eligible for appointment or election for one year after such service.

- (2) Four students.

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- (a) One graduate student appointed by the president of the council of graduate students with the approval of the council of graduate students.
- (b) One professional student appointed by the president of the inter-professional council with the approval of the inter-professional council.
- (c) Two undergraduate students for terms of two years appointed by the president of the undergraduate student government with the approval of the undergraduate student assembly. The terms of the undergraduate students shall be such that one term begins each year.

- (3) One administrator. The vice president for academic affairs and provost, or designee.

(B) Duties and responsibilities.

- (1) Make recommendations to the senate concerning the educational and academic policies of the university (see rule 3335-5-41 of the Administrative Code). This responsibility shall include, but shall not necessarily be limited to, the power to make recommendations concerning the establishment, alteration and abolition of all curricula and courses offered by the university or any division thereof; of all degrees and certificates conferred under authority of the university or any division thereof; and of all colleges, departments, schools and bureaus. It may conduct such investigations and appoint such committees as are reasonably necessary to carry out its responsibilities under these rules. Committees appointed by this council may be discharged by it at any time.
- (2) Initiate recommendations to the senate and review all proposed changes in the educational and academic policies of the university. In reviewing proposed changes, the council shall:
 - (a) Receive from the various colleges and schools, pursuant to the exercise of their powers under rule 3335-5-14 of the Administrative Code, proposals for the establishment, alteration or abolition of courses and curricula, of departments, schools, divisions and bureaus within a college, and of academic degrees. (See rules 3335-7-02 and 3335-7-03 of the Administrative Code);

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

- (b) Receive from the graduate school, pursuant to the exercise of powers conferred upon the council on research and graduate studies by rule 3335-5-35 of the Administrative Code, its proposals for the adoption, alteration or abolition of graduate-credit courses and curricula, and of academic degrees administered by it. (See rules 3335-7-02 and 3335-7-03 of the Administrative Code.)

Upon proposals respecting courses and curricula, the council shall act with finality subject to the rights of the graduate school or of any college to bring the council's decision before the senate for review. With respect to other submissions to it, the council shall make its recommendations to the senate after notice thereof, in at least abbreviated form, has been given in the official bulletin. Failure of the council on academic affairs to act or to submit its recommendations will not deprive the senate of power to review these other submissions.

- (3) Foster, as needed for interdisciplinary programs involving two or more academic areas, the establishment of faculty coordinating units reporting to the council. These units shall perform coordinative functions similar to those of the faculty of the arts and sciences (see rule 3335-5-27 of the Administrative Code) and shall serve the interdisciplinary interest of academic programs both within and among the several colleges of the university.
- (4) Appoint "ad hoc" arbitration committees to help solve problems created by any major reorganization of the academic structure of the university. The role of such committees shall be:
 - (a) To encourage discussion between and within groups of faculty members of departments or schools when it is apparent that relocation in a different organizational environment is a source of concern to some of these groups;
 - (b) To hear viewpoints and where necessary to take the lead in the arbitration of problems of individuals or groups who feel their professional development may be adversely affected by the revised organization.

If agreement cannot be reached by consultation or arbitration, an arbitration committee may make a recommendation to the senate through the council

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

on academic affairs on what should be done to solve the problem at issue from the standpoint of what is best for the university.

- (5) Review the academic organization of the university at five-year intervals to make certain it is kept as closely attuned as possible to changing needs. Any suggestions for modifications and improvements shall be reported to the senate.
- (6) Formulate and announce a procedure to be followed in the establishment, alteration or abolition of courses or curricula.
- (7) Review the administration's proposals following the determination of a state of financial exigency as provided under rule 3335-5-021 of the Administrative Code.

(C) Organization.

- (1) The vice president for academic affairs and provost, or designee, shall be the chairperson of the council. The vice chairperson of the council shall be elected for a one-year term from the regular faculty membership of the council. The chairperson (or in that person's absence, the vice chairperson) shall preside at all meetings of the council. The chairperson shall vote only in case of a tie vote among members of the council present and voting, whereas the vice chairperson shall vote without such restriction, even though presiding.
- (2) Reports by the council on academic affairs to the president, other than those made through the senate, shall be made through the vice president for academic affairs and provost.
- (3) As a standing committee of the senate, this council is also governed by the provisions of rules 3335-5-46 and 3335-5-48 of the Administrative Code.

3335-5-482 The library council.

(A) Membership.

The library council shall consist of sixteen members.

- (1) Nine regular faculty, one of whom is a s^r member, shall be appointed by faculty co^r. Three shall retire each year, and those who shall be ineligible for reappointment d^r year thereafter.

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

(2) Four students.

- (a) One graduate student appointed by the president of the council of graduate students with the approval of the council of graduate students.
- (b) One professional student appointed by the president of the inter-professional council with the approval of the inter-professional council.
- (c) Two undergraduate students appointed by the president of the undergraduate student government with the approval of the undergraduate student assembly.

(3) Three administrators.

- (a) The vice president for academic affairs and provost, or designee.
- (b) The dean of the graduate school.
- (c) The director of libraries.

(B) Duties and responsibilities.

- (1) Formulate, in cooperation with the director of libraries, the policies governing the operation of the university libraries as an educational and research facility.
- (2) Assist the director of libraries in the interpretation of library services to the university community.
- (3) Assist in the presentation of major library needs to the university administration.
- (4) Advise the vice president for academic affairs and provost on the appointment of a director of libraries.

Organization.

- (1) The chairperson shall be elected from among the faculty members of the library council.
- (2) Reports by this council to the president, other than those made through the senate, shall be made through the vice president for academic affairs and provost.

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

- (3) As a standing committee of the senate, this council is also governed by the provisions of rules 3335-5-46 and 3335-5-48 of the Administrative Code.

3335-5-483 Bookstore committee.

(A) Membership.

The bookstore committee shall consist of ten members.

- (1) Three regular faculty, one of whom is a member of the university libraries. One faculty member shall retire each year, and the term of service is three years.
- (2) Four students.
 - (a) One graduate student.
 - (b) One professional student.
 - (c) Two undergraduate students.
- (3) Two administration members, appointed by the president for two-year terms.
- (4) One non-university member, appointed by the president for a two-year term.

(B) Duties and responsibilities.

- (1) Work with the bookstore management in the formulation and implementation of bookstore policy.
- (2) Develop reporting procedures that will demonstrate publicly on a continuing basis that the bookstore is a non-profit organization.

(C) Organization.

As a standing committee of the senate, this committee is also governed by the provisions of rules 3335-5-46 and 3335-5-48 of the Administrative Code.

3335-5-484 Council on student affairs.

(A) Membership.

The council on student affairs shall consist of eighteen members.

- (1) Six regular faculty, at least two of whom are members of the senate. Two regular faculty members shall be elected each year.

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(2) Eight students.

- (a) Two graduate students appointed by the president of the council of graduate students with the approval of the council of graduate students.
 - (b) One professional student appointed by the president of the inter-professional council with the approval of the inter-professional council.
 - (c) Two undergraduate students appointed by the president of the undergraduate student government with the approval of the undergraduate student assembly.
 - (d) One student, who is a member of the freshman senate, appointed by the president of the freshman senate with the approval of the freshman senate.
 - (e) The president of the undergraduate student government, or designee.
 - (f) The president of the association of women students, or designee.
- (3) Four administrators. Each administrator shall be appointed for a one-year term and shall be eligible for reappointment.
- (a) The dean of student life, non-voting.
 - (b) A student affairs staff member from a regional campus, appointed by the vice provost for student affairs, non-voting.
 - (c) A college office student affairs staff member, appointed by the vice provost for student affairs, non-voting.
 - (d) The vice provost for student affairs, or designee, voting only in case of ties.

(B) Duties and responsibilities.

(1) Legislative.

- (a) Recommend to the senate any proposed changes in the "Code of Student Conduct."
- (b) Recommend to the senate proposed legislation which may affect the quality of student life.

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

- (c) Make regulations pursuant to the rules of the university faculty, the bylaws, and the statutes, insofar as they pertain to the quality of student life.
- (d) Serve as the principal liaison council between student governments and the faculty and administration. The council shall solicit information from these governments pertaining to any proposed changes in the faculty rules as they relate to the division of student affairs.

(2) Advisory.

- (a) Advise the vice provost for student affairs regarding the programs, services, and activities of the division.
- (b) Establish study groups, committees, and other mechanisms as needed to explore issues affecting the quality of student life and make recommendations regarding these issues to the vice provost for student affairs.
- (c) Advise other university departments and administrative units regarding proposed changes in the university's "Operating Manual" that may affect student rights and responsibilities.
- (d) Recommend to the president, subject to the approval of the board of trustees, a list of attorneys, unaffiliated with the university, who shall be authorized to act as hearing officers to preside over disciplinary proceedings under rule 3335-11-02 of the Administrative Code.

- (3) Approve policies that govern the registration, rights, privileges, and obligations of student organizations, including but not limited to fraternities and sororities, student publications, and student government. This responsibility may be delegated by the council to an appropriate committee or administrative agency.

(C) Organization.

- (1) The vice provost for student affairs, or designee, shall be the chairperson of the council and shall report as requested to the vice president for academic affairs and provost.

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

- (2) The council shall establish operating procedures to conduct, in an orderly fashion, the legislative, advisory, and policy approval functions of the council.
- (3) As a standing committee of the senate, this council is also governed by the provisions of rules 3335-5-46 and 3335-5-48 of the Administrative Code.

3335-5-485 Athletic council.

(A) The athletic council shall consist of fourteen members.

(1) Eight regular faculty.

- (a) Four regular faculty members elected by the senate. The term of service is four years with one member elected each spring, and service commences the first of July following election.
- (b) Four regular faculty members appointed by the president. The term of service is four years with one member appointed each spring, and service commences the first of July following appointment.
- (c) The terms shall be staggered so that two faculty members retire each year.
- (d) A faculty member serving a full term may not be reelected or reappointed until one year has elapsed.

(2) Four students.

- (a) One graduate student selected by the council of graduate students using procedures adopted by that council, for a term of one year.
- (b) One professional student selected by the inter-professional council using procedures adopted by that council, for a term of one year.
- (c) Two undergraduate students elected by the undergraduate student government using procedures adopted by that body. The term of office is two years and one student is elected each year.

(3) Two alumni designated by the Ohio state university alumni association using procedures adopted by that body. The term of office is four years and

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

the terms are staggered so that one member retires every two years.

(B) Duties and responsibilities.

- (1) Develop, subject to the general authority of the president and the board of trustees, policies governing intercollegiate and intramural athletics, as the agent of the senate. The senate may hold these policies in review.
 - (a) These policies shall guide the administration of the program of intercollegiate athletics by the director of athletics, but the athletic council shall not serve in an administrative or executive capacity.
 - (b) It will consider and establish policy on such matters as the income and expenditures budget, the schedules for seasonal and post-seasonal play in relation to the effect upon the welfare of the athletes, grants and other financial aid to athletes, eligibility of athletes, student grievance procedures and sportsmanship policies related to athletics, awards to athletes, ticket distribution, and public and campus relations of the athletic program.
 - (c) Its recommendations and decisions on policy shall be made known to the senate and to the staff of the department of athletics.
 - (d) The athletic council shall appoint one of its members to the recreation-intramural sports advisory council. The athletic council shall keep informed of activities, needs, and plans for recreation and intramural sports programs through the director of university recreation and intramural sports.
- (2) Participate with the president in the process of selecting the university's faculty representative to the intercollegiate conference of faculty representatives (big ten conference).
 - (a) The athletic council shall prepare a list of no fewer than two regular faculty members from which the president shall select the faculty representative. All regular tenured faculty members are eligible for inclusion on this list.
 - (b) The chairperson of the athletic council shall appoint a nominating committee which shall

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

have the responsibility to inform the university community about the position of faculty representative and to invite applications and/or recommendations for nominations. Brief recommendations in writing that state the candidate's qualifications for the position may be submitted to the nominating committee by any member of the university community. Applications and nominations shall be due in accordance with a reasonable schedule established by the nominating committee.

- (c) Final approval of the list of names submitted to the president shall be made by the full membership of the athletic council. The list shall be presented to the president during the winter preceding the start of the next term of office in order to allow for a smooth transition between outgoing and incoming faculty representatives.
- (d) The term of office for a faculty representative is three years, beginning the first of July following appointment. Reappointment for no more than one additional three-year term is permissible. If the incumbent faculty representative is eligible to and desires to serve another term, then at least nine months prior to the expiration of the current term, the athletic council shall undertake a review of the incumbent's performance. If the council decides that the incumbent should serve a second term and the president concurs, the faculty representative's term shall be renewed. Otherwise, the council shall move to prepare a list to submit to the president following the procedures of paragraphs (B) (2) (a) to (c) of this rule.
- (e) A faculty representative who is not already a member of the athletic council shall attend meetings of the council. The chairperson of the athletic council, or the chairperson's designee from among the faculty members of the athletic council, shall serve as an ex officio alternate for the faculty representative with full voting privileges at conference meetings.

(C) Organization.

- (1) Reports by the council to the president, other than those made through the senate, shall be made through the vice provost for student affairs.

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

- (2) As a standing committee of the senate, this council is also governed by the provisions of rules 3335-5-46 and 3335-5-48 of the Administrative Code.

3335-5-486 Council on admission and registration.

(A) Membership.

The council on admission and registration shall consist of nineteen members.

(1) Nine regular faculty.

(a) Three regular faculty appointed by the president for three-year terms. Appointed members are eligible for reappointment.

(b) Six regular faculty, at least three of whom are senate members, elected by the senate.

(2) Five students.

(a) Two graduate students.

(b) One professional student.

(c) Two undergraduate students.

(3) Five administration members.

(a) Vice president for academic affairs and provost, or designee.

(b) Vice provost for student affairs, or designee.

(c) Vice president for business and administration, or designee.

(d) University registrar.

(e) Director of admissions.

(B) Duties and responsibilities.

Recommend to the appropriate university offices or to the senate, depending on the nature of the recommendation, administrative policies governing admission to the university, and student registration. Such recommendations as impinge on academic policies or standards shall be developed in collaboration with the council on academic affairs.

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

(C) Organization.

- (1) The vice president for academic affairs and provost, or designee, shall serve as council chairperson, and the vice provost for student affairs, or designee, shall serve as council secretary.
- (2) Reports by this council to the president, other than those made through the senate, shall be made through the vice provost for student affairs.
- (3) As a standing committee of the senate, this council is also governed by the provisions of rules 3335-5-46 and 3335-5-48 of the Administrative Code.

3335-5-487 Committee on academic misconduct.

(A) Membership.

The committee on academic misconduct shall consist of twenty-seven members.

- (1) Fifteen regular faculty, elected by the senate at its special meeting in June. Five faculty members shall be elected each year, and the term of service is three years. No faculty member shall serve more than two consecutive terms.
- (2) Ten students.
 - (a) Five graduate students appointed in the summer quarter by the president of the council of graduate students with the approval of the council of graduate students, for a term of one year beginning with the autumn quarter.
 - (b) Five undergraduate students, appointed in the spring quarter by the president of the undergraduate student government with the approval of the undergraduate student assembly, for a term of one year beginning with the summer quarter.
- (3) Two administrators.
 - (a) The dean of student life, or designee, non-voting.
 - (b) A coordinator, appointed by the vice president for academic affairs and provost, who shall not participate in the decisions of the committee.

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

(B) Duties and responsibilities.

- (1) Investigate or establish procedures for the investigation of all reported cases of student academic misconduct, with the exception of cases in a professional college having a published honor code, and decide upon suitable disciplinary action. (The term "academic misconduct" includes all forms of student academic misconduct wherever committed; illustrated by, but not limited to, cases of plagiarism and dishonest practices in connection with examinations.) Instructors shall report all instances of alleged academic misconduct to the committee.
- (2) Investigate all cases of lax or irregular methods of conducting examinations that might tend to promote academic misconduct on the part of students, with the exception of cases in a professional college having a published honor code. The committee shall report its findings in these cases to the vice president for academic affairs and provost.
- (3) Serve as a consultant on questions of academic misconduct for any professional college having a published honor code. (Note: this committee shall not have jurisdiction over cases involving student academic misconduct in professional colleges having published honor codes. These colleges shall follow their own codes in investigating reported cases of academic misconduct and in determining suitable disciplinary action. When the action taken involves suspension, dismissal, or entry on the student's permanent record, a recommendation to that effect shall be made to the vice president for academic affairs and provost for review and action.)

(C) Organization.

- (1) The committee on academic misconduct is authorized to:
 - (a) Establish panels of its members which will conduct hearings and make decisions with the same authority as the committee itself;
 - (b) Establish rules and procedures to conduct hearings, including the definition of a quorum.
- (2) As a standing committee of the senate, this committee is also governed by the provisions of rules 3335-5-46 and 3335-5-48 of the Administrative Code.

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

3335-5-488 Committee on honorary degrees.

(A) Membership.

The committee on honorary degrees shall consist of five members of the regular faculty.

- (1) Members shall be elected by the senate with a secret ballot. Nominations shall be made from the floor and a nominee to be elected must receive a majority of the votes of those voting. The term of office is five years with one member retiring each year. A retiring member shall not be eligible for immediate reelection.
- (2) The annual election shall occur at the first regular meeting of the university senate in the autumn.

(B) Duties and responsibilities.

- (1) Establish definite standards of scholarly attainment or of the distinctive applications of such attainment in the service of society by which to judge the qualifications for this honor.
- (2) Receive suggestions concerning persons who might be considered for an honorary degree.
- (3) Canvass thoroughly the achievements and qualifications of all persons so suggested.
- (4) Report to the university senate for its consideration and action such persons as have received the unanimous endorsement of the committee.
- (5) Keep all deliberations and votes confidential except where publication is necessary for official purposes.
- (6) Deliver the full dossier of each candidate and the nomination report of the committee on honorary degrees to the secretary of the university senate who shall distribute the nomination report to all members of the university senate.
 - (a) This report shall include a statement that conveys the committee's rationale for the nomination, pertinent details concerning the qualifications of the candidate, and the name of the sponsoring department or academic unit.
 - (b) A ballot shall be attached to the nomination report and shall be returned to the secretary

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

of the university senate within a time prescribed on the ballot, but in no case less than two weeks from the date that the committee report is distributed.

- (c) The secretary of the university senate shall transmit to the president the nominations, together with the appropriate section of the reports from the committee on honorary degrees, for those candidates who are endorsed by a majority of the ballots cast by the members of the university senate.

(C) Organization.

- (1) The vice president for academic affairs and provost, or designee, shall serve as liaison between this committee and the president.
- (2) As a standing committee of the senate, this committee is also governed by the provisions of rules 3335-5-46 and 3335-5-48 of the Administrative Code.

3335-5-489 Committee on academic freedom and responsibility.

(A) Membership.

The committee on academic freedom and responsibility shall consist of eight members during autumn, winter, and spring quarters and ten members from June to the beginning of autumn quarter.

- (1) Six regular faculty (eight during the summer period), all of whom are members of the senate, shall be nominated by the faculty council and elected by the senate. Two members shall be elected each year at the special June meeting of the senate; the term of service begins in the summer quarter following election and extends through the summer quarter following the third year of service.
- (2) Two graduate teaching, research, or administrative associates elected by the senate at its first autumn quarter meeting from a list of four nominees prepared by the council of graduate students. The term of service is twelve months.
- (3) Vacancies shall be filled through election by the senate with nominations from the floor.

(B) Duties and responsibilities.

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

- (1) Study all conditions which may affect the academic freedom or responsibility of the faculty of the university, including the review of proposed changes in the "Faculty Handbook," rules 3335-47-01 through 3335-47-11 (rules of the university faculty concerning faculty appointments, promotion and tenure), and such changes in the "Operating Manual" as may impinge upon academic freedom or tenure. If the committee finds that any such proposed change adversely affects academic freedom or tenure, it shall report that finding promptly to the senate for its review.
- (2) Hear and investigate complaints by individual faculty members concerning alleged infringements upon academic freedom or responsibility in the university; report findings and recommendations to the parties involved with the hope of mediating a dispute and report to the senate if further action by the senate is appropriate.
- (3) Hear and investigate complaints by individual faculty members concerning alleged improper evaluation under the procedures of rule 3335-5-05 of the Administrative Code.

(C) Organization.

- (1) A quorum consists of five members.
- (2) As a standing committee of the senate, this committee is also governed by the provisions of rules 3335-5-46 and 3335-5-48 of the Administrative Code.

3335-5-4810 Faculty hearing committee.

(A) Membership.

The faculty hearing committee shall consist of nine tenured members of the regular faculty.

- (1) Three members shall be elected annually by the senate from a slate of six candidates.
- (2) Each elected person shall serve a three-year term as a regular member, followed by a one-year term as an alternate member.

(B) Duties and responsibilities.

- (1) Conduct hearings on allegations of incompetence or grave misconduct, or on appeals from findings of failure to meet university responsibilities,

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

following procedures of paragraph (E) of rule 3335-5-04 of the Administrative Code.

- (2) Conduct hearings on complaints of alleged improper evaluation based upon reasons or considerations that infringe a constitutional right of the complainant following procedures of paragraph (C) (3) of rule 3335-5-05 of the Administrative Code.
- (3) Conduct hearings on allegations of improper evaluation based upon inadequate consideration of the pertinent facts by the individual(s) making the decision following procedures of paragraph (C) (4) of rule 3335-5-05 of the Administrative Code.
- (4) Conduct hearings on an appeal of a tenured faculty member because of termination of appointment during financial exigency following procedures of paragraph (B) of rule 3335-5-023 of the Administrative Code.

(C) Organization.

- (1) The chairperson shall select three members of the committee to sit on each hearing panel. If disqualifications or case loading should require their service, alternates may be assigned to hearing panels.
- (2) A member shall be replaced on a hearing panel if there is a relationship to one of the parties or a prior involvement with the issues which may introduce prejudice.
- (3) A hearing panel shall select a person, who need not be a member of the faculty hearing committee, to serve as presiding officer. The presiding officer shall direct the proceedings, rule on matters involving the introduction of evidence, and advise the panel members on such issues of law and procedures as they may deem necessary. The presiding officer, if not a member of the committee, shall not participate in substantive deliberations with the panel nor vote on decisions by the panel.
- (4) As a standing committee of the senate, this committee is also governed by the provisions of rules 3335-5-46 and 3335-5-48 of the Administrative Code.

3335-5-4811 Fiscal committee.

(A) Membership.

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

The fiscal committee shall consist of fifteen members. A voting member who has completed a full term shall not be eligible for appointment or election for one year after such service.

(1) Seven regular faculty members.

(a) Five regular faculty, at least two of whom are members of the senate, shall be nominated by the faculty council and elected by the senate. The term of office shall be three years with one member elected the first year and every third year thereafter, and two members elected in each of the other years.

(b) Two regular faculty shall be appointed by the president for three-year terms, one member to be appointed in the first year and every three years thereafter, and one member to be appointed in the second year and every three years thereafter.

(2) Four students.

(a) One graduate student appointed by the president of the council of graduate students with the approval of the council of graduate students. The term of office is two years.

(b) One professional student appointed by the president of the inter-professional council with the approval of the inter-professional council. The term of office is two years.

(c) Two undergraduate students, at least one of whom is a member of the senate, appointed by the president of the undergraduate student government with the approval of the undergraduate student assembly. The term of office is two years, and one member shall be appointed each year.

(3) Two staff members appointed by the president for two-year terms.

(4) Two administrators appointed by the president. These members are non-voting.

(B) Duties and responsibilities.

The committee shall have full access to all fiscal documentation necessary to perform the following functions:

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

- (1) Review, on a continuing basis, the fiscal resources of the university;
- (2) Advise the president on the alternatives and strategies for the long-term and short-term allocation of university resources consistent with maintaining the missions of the university;
- (3) Analyze resources and budgets from an overall university-wide perspective, rather than making a detailed analysis of the budgets and expenditures of individual units within the university;
- (4) Advise the president, in the event of an imminent financial crisis, whether a determination of financial exigency is warranted.

(C) Organization.

- (1) The chairperson shall be elected from among the voting members of the committee.
- (2) As a standing committee of the senate, this committee is also governed by the provisions of rules 3335-5-46 and 3335-5-48 of the Administrative Code.

3335-5-4812 Faculty compensation and benefits committee.

(A) Membership.

The faculty compensation and benefits committee shall consist of fifteen members.

- (1) Twelve regular faculty, at least two of whom are members of the senate. Faculty members shall be elected by the senate. The term of office shall be three years with four members elected each year.
- (2) Two administrators.
 - (a) The vice president for academic affairs and provost, or designee.
 - (b) The vice president for personnel services, or designee.
- (3) A non-voting emeritus faculty member appointed annually by the president in consultation with the Ohio state university retirees association.
- (4) Additional non-voting members and consultants from the university, serving at the discretion of the voting members of the committee.

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

(B) Duties and responsibilities.

Study the adequacy and other attributes of the university's policies and provisions for:

- (1) Salaries, outside professional services and supplemental compensation;
- (2) Retirement benefits, hospitalization and medical insurance and other health benefits, life insurance, other insurance, travel reimbursement, educational benefits, recreational benefits, and other perquisites, benefits, and conditions of faculty employment.

(C) Organization.

- (1) The committee shall designate two standing subcommittees to concentrate, respectively, on:
 - (a) Faculty salaries and related matters;
 - (b) Faculty benefits.
- (2) As a standing committee of the senate, this committee is also governed by the provisions of rules 3335-5-46 and 3335-5-48 of the Administrative Code.

3335-5-4813 Legislative affairs committee.

(A) Membership.

The legislative affairs committee shall consist of seven members.

- (1) Three regular faculty. The term of office is three years with one member elected each year.
- (2) Three students.
 - (a) One graduate student.
 - (b) One professional student.
 - (c) One undergraduate student.
- (3) One administrator, appointed annually by the president.

(B) Duties and responsibilities.

- (1) Inform itself on legislative affairs, current or contemplated, that affect higher education in

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

general and the Ohio state university in particular, and make this information available to the senate.

- (2) Inform itself, through the senate and otherwise, on student and faculty concerns with respect to such legislative affairs, and present those concerns to appropriate university officials.
- (3) Serve as an advisory committee on legislative affairs to the president and staff assistants responsible for legislative relations.

(C) Organization.

As a standing committee of the senate, this committee is also governed by the provisions of rules 3335-5-46 and 3335-5-48 of the Administrative Code.

3335-5-4814 University calendar committee.

(A) Membership.

The university calendar committee shall consist of fourteen members.

- (1) Six regular faculty who are not eligible for immediate reelection.
- (2) Four students.
 - (a) One graduate student.
 - (b) One professional student.
 - (c) Two undergraduate students, at least one of whom is a member of the senate.
- (3) Four administrators.
 - (a) The vice president for academic affairs and provost, or designee.
 - (b) A representative of the council of deans.
 - (c) The university registrar, or designee.
 - (d) The vice president for personnel services, or designee.

(B) Duties and responsibilities.

- (1) Serve in an advisory capacity to the council of deans on calendar-related matters.

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

- (2) Formulate guidelines for the preparation of university calendars to be presented for approval to the senate.
- (3) Propose the university calendar, following the adopted guidelines, to the council of deans.
- (4) Study the comparative advantages and disadvantages of the quarter system and alternative systems.
- (5) Study the development of improved quarter-end validation procedures.
- (6) Reports, including results of studies conducted by the university calendar committee, shall be forwarded to the council on academic affairs and the university senate for consideration and appropriate action.

(C) Organization.

As a standing committee of the senate, this committee is also governed by the provisions of rules 3335-5-46 and 3335-5-48 of the Administrative Code.

3335-5-4815 Committee on traffic, parking, and public safety.

(A) Membership.

The committee on traffic, parking, and public safety shall consist of seventeen members.

- (1) Six regular faculty.
- (2) Four students.
 - (a) One graduate student.
 - (b) One professional student.
 - (c) Two undergraduate students.
- (3) Two staff members (eligible for only "B" parking permits) elected for three-year terms.
- (4) Three administrators appointed by the president. The term of office is three years and one member shall be appointed each year.
- (5) Two members, non-voting.
 - (a) The director of public safety, or designee.
 - (b) The director of the division of traffic and parking.

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

(B) Duties and responsibilities.

- (1) Be responsible for making recommendations and hearing grievances, criticism, and other testimony pertaining to public safety.
- (2) Recommend through appropriate administrative channels, and to the senate, ways and means for improving traffic and parking conditions and the administration and enforcement of traffic and parking regulations.
- (3) Hold at least one publicized annual open hearing to receive information from interested parties with concerns about traffic, parking, and public safety.
- (4) Hold such special hearings as the committee deems necessary when concerns about public safety, traffic, and parking arise in the university community. Reports of such special hearings shall be promptly forwarded through appropriate channels and to the senate.

(C) Organization.

- (1) The committee shall elect a chairperson from among its faculty members. A chairperson shall serve a one-year term, and no more than one additional one-year term if reelected.
- (2) As a standing committee of the senate, this committee is also governed by the provisions of rules 3335-5-46 and 3335-5-48 of the Administrative Code.

3335-5-4816 Committee on women and minorities.

(A) Membership.

The committee on women and minorities shall consist of eleven members.

- (1) Six regular faculty.
- (2) Three students.
 - (a) One graduate student.
 - (b) One professional student.
 - (c) One undergraduate student.
- (3) Two administration members, non-voting.

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

(a) The vice provost for minority affairs, or designee.

(b) The director of affirmative action, or designee.

(B) Duties and responsibilities.

(1) Study and evaluate programs for improving educational and employment opportunities for minorities and women at the university.

(2) Evaluate the results of the recommendations made by the commission on women and minorities.

(3) Report from time to time, but at least annually, to the senate on the progress of affirmative action at the university.

(4) Make recommendations to the senate or to the president, as deemed appropriate, for further action.

(C) Organization.

As a standing committee of the senate, this committee is also governed by the provisions of rules 3335-5-46 and 3335-5-48 of the Administrative Code.

3335-5-49 Other committees of the university.

(A) Other committees of the university may be designated by the board of trustees or, subject to the approval of the board of trustees, the president or university senate. These committees shall have no direct affiliation with the senate.

(B) Unless otherwise specified by rule, the president shall appoint the members of these committees.

3335-5-491 Mershon committee on education in national security.

(A) The Mershon committee on education in national security shall consist of ten members to be appointed by the president to serve terms as follows: the director of the Mershon center for education in national security shall serve as chairperson; the chairpersons of the ROTC departments; and six regular faculty members who shall be appointed for three-year terms, with two of the six being appointed each year. Members appointed for three-year terms shall be eligible for reappointment.

May 1, 1986 meeting, Board of Trustees

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

- (B) The committee shall function principally in an advisory capacity to the director (see rule 3335-3-38 of the Administrative Code) with respect to the development of a program of education and research in national security which will support and be in harmony with the general educational and research aims of the university. The committee shall be charged with the responsibility of ensuring that the program makes a significant and continuing contribution to the university-wide program for education and research in national security.
- (C) This committee shall be responsible for making recommendations to the president regarding the appointment of the director of the Mershon center for education in national security, as a vacancy arises. Established university procedures for appointing academic personnel shall be followed.
- (D) Reports by this committee to the president shall be transmitted by the director through the vice president for academic affairs and provost.

3335-5-492 Standing committee on agricultural affairs.

- (A) The standing committee on agricultural affairs shall be appointed by the board of trustees.
- (B) The committee shall include:
 - (1) The director of the Ohio department of agriculture who shall be vice chairperson, ex officio with voting rights;
 - (2) Such other members as the chairperson of the board of trustees may designate.

3335-5-493 Faculty committee on patents and copyrights.

- (A) A faculty committee on patents and copyrights has been designated in the policy on patents and copyrights approved by the board of trustees.
- (B) The membership and duties of the faculty committee on patents and copyrights are described in paragraph (C) of rule 3335-13-06 of the Administrative Code.

3335-11-021 Hearing officers and panels.

- (A) The council on student affairs shall recommend to the president, subject to the approval of the board of trustees, a list of attorneys, unaffiliated with the university, who shall be authorized to act as hearing officers to preside over disciplinary proceedings under

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

rule 3335-11-02 of the Administrative Code. One such attorney shall be designated by the president as chief hearing officer, whose duties shall include:

- (1) Assisting the council on student affairs in preparing and enacting procedural rules to guarantee due process, including, but not limited to, the procedural recommendations contained in the report and recommendations of the university committee on rights and responsibilities (the Ohio state university, September 15, 1968);
 - (2) Selecting hearing officers as needed from the approved list;
 - (3) Reviewing every case in which sanctions have been recommended, to determine whether such sanctions should be imposed or reduced, or whether the case should be dismissed or remanded for further hearing;
 - (4) Forwarding completed cases to the vice provost for student affairs for administrative implementation in accordance with their final determination by the chief hearing officer;
 - (5) Hearing on appeal student disciplinary cases, not including university actions relating to academic failure or violations of a code of professional ethics or of an honor code of these colleges or academic units having such codes, where an appeal is taken by any student from any such action by the student's college, university committee, or other properly authorized university adjudicatory body, only in those cases where the penalty assessed was suspension, dismissal, or expulsion.
- (B) That an array of hearing panelists, large enough to allow at least three panels, shall be selected by lot consisting of:
- (1) Faculty members,
 - (2) Undergraduate students,
 - (3) Graduate and professional students, and
 - (4) Administrative staff members.
- Any person selected to serve as hearing panelist may be exempted from such service if that person declines.
- (C) The chief hearing officer shall, by lot, select from the array hearing panels, each composed of two faculty members, two undergraduate students, one graduate or

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

professional student, and one administrative staff member. The hearing panels shall have original jurisdiction to hear cases of alleged student violation of rule 3335-11-02 of the Administrative Code brought before it by authorized university officials, make findings of fact, determine a verdict, and, in the event of a guilty verdict, to recommend sanctions.

- (D) The university and the defendant shall have the right to challenge for cause. The hearing officer shall hear challenges for cause.

3335-11-022 Pending criminal law suit.

Whenever a criminal court exercises jurisdiction over acts which allegedly constitute a disruption by university rules, the university shall not exercise jurisdiction, except that in extraordinary cases, where there is a clear and present danger of repeated or continued violation of the disruption rule, the university may bring the student before a hearing officer and panel to find whether he poses such a danger. If the panel finds that he does, it shall recommend that the continued enrollment of the student be dependent on his being placed on strict disciplinary probation, under such terms and conditions as the hearing officer may specify (except that the student may not be deprived of university scholarship, loan, grant-in-aid, or employment). The term of probation shall last until such time as the hearing officer shall, or on his own initiative or upon petition by the student, find that the danger no longer exists. If the student is alleged to have violated probation, he will be subject to an immediate hearing before a hearing officer, and if found guilty of violating probation, be temporarily suspended or dismissed from the university pending a full hearing.

AMENDED RULES

3335-3-03 The president.

- (D) The president shall be a voting member of all college faculties, and of the graduate school faculty, and of the faculty of the arts and sciences. He shall be a voting member and presiding officer of the university faculty (see rules 3335-5-19 to 3335-5-25 of the Administrative Code) and of the university senate. He shall appoint all committees of the university faculty and of the university senate, unless membership has been designated by rule (see paragraph (A) (1) of rule 3335-5-46 of the Administrative Code).

3335-3-18 Director of libraries.

- (B) The director of libraries shall have the responsibility and authority for administering the university

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

libraries under the jurisdiction of that office and the university archives. In the discharge of library duties the director shall be guided by the policies established by the library council (see rule 3335-5-482 of the Administrative Code). The director shall report to the president through the vice president for academic affairs and provost.

3335-3-21 Director of athletics.

- (A) The director of athletics shall be a member of the faculty. The director of athletics shall be responsible to the vice provost for student affairs and shall be appointed under the procedures outlined in rule 3335-3-35 of the Administrative Code. The athletic council (see rule 3335-5-485 of the Administrative Code) shall also be consulted.

3335-3-25 Organization of the university.

- (B) Procedures for recommending the establishment, alteration and abolition of educational units shall be promulgated by the university faculty or the university senate and approved by the board of trustees (see rule 3335-5-481 of the Administrative Code). Procedures recommending the establishment, alteration and abolition of administrative units shall be promulgated by the president and approved by the board of trustees.

3335-3-38 Director, Mershon center for education in national security.

- (A) The director, Mershon center for education in national security, shall have the responsibility and authority for formulating and administering the program of the center financed by the civilian-military portion of the Mershon fund and other funds that are made available. The director shall provide active leadership in developing and maintaining a program of education and research in national security which will support and be in harmony with the general educational and research aims of the university. In carrying out these duties, the director shall consult with the Mershon committee on education in national security (see rule 3335-5-491 of the Administrative Code).

3335-5-021 Financial exigency.

- (B) Mechanism of determination.

- (1) In the event of an imminent financial crisis, as announced and defined by the president to the university senate, the president will solicit the recommendations of the fiscal committee, as

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

provided for under rule 3335-5-4811 of the Administrative Code, to ascertain whether a determination of financial exigency is warranted.

- (2) The fiscal committee, acting in accordance with rule 3335-5-4811 of the Administrative Code, shall have the responsibility to:

3335-5-023 Appeal procedures for tenured faculty because of termination of appointments during financial exigency.

(B) The faculty hearing committee.

- (2) In response to each notice of intention to appeal, the faculty hearing committee shall select a hearing panel of tenured faculty members according to the provisions of rule 3335-5-4810 of the Administrative Code. The hearing panel shall begin its review of the case not earlier than thirty days and no later than sixty days from receipt of the notice of intention to appeal, except by mutual consent of the complainant and the chairperson of the faculty hearing committee.

3335-5-04 Hearing procedures for complaints against regular, regular clinical, and auxiliary faculty members.

(A) Definitions and construction.

- (3) Department chairpersons, deans, or the vice president for academic affairs and provost shall not act in their administrative capacities in the consideration of any complaint naming them as respondent. In complaints naming a department chairperson or a dean as respondent, the vice president for academic affairs and provost shall appoint an equivalent rank administrator from another department or college to act in the stead of the chairperson or dean for the purposes of this rule. In complaints naming the vice president for academic affairs and provost as respondent, the chairperson of the faculty hearing committee shall act in that administrator's stead.

- (4) The faculty hearing committee is established by rule 3335-5-4810 of the Administrative Code.

3335-5-05 Procedures concerning faculty complaints about promotion, tenure and renewal decisions.

(B) The committee on academic freedom and responsibility.

- (4) If the committee determines that reasonable and adequate grounds may exist for asserting improper

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

evaluation, it shall forward the complaint to the faculty hearing committee, established pursuant to rule 3335-5-489 of the Administrative Code.

(C) The faculty hearing committee.

- (1) Upon receipt of a complaint alleging improper evaluation, the faculty hearing committee shall select a hearing panel according to the method provided in rule 3335-5-4810 of the Administrative Code, to conduct proceedings in order to determine whether there is validity in the complaint.

3335-5-14 Powers.

- (B) To adopt, alter or abolish courses and curricula subject to the approval of the council on academic affairs and the president and the board of trustees (see rules 3335-5-481 and 3335-7-02 of the Administrative Code);
- (C) To create and abolish schools, bureaus, and departments of instruction within the college subject to approval of the council on academic affairs, the university senate, the president and the board of trustees (see rules 3335-3-25 to 3335-3-28 and 3335-5-481 of the Administrative Code);

3335-7-02 Courses and curricula; establishment, alteration or abolition.

- (A) All proposals for the establishment, alteration and abolition of courses and curricula must be submitted to the council on academic affairs. Such proposals shall follow the procedure outlined in rule 3335-5-481 of the Administrative Code and shall be subject to review by the president and the board of trustees.

3335-11-02 Disruption.

- (B) Any student found guilty of the conduct proscribed in paragraphs (A) (1) through (A) (7) of this rule shall be subject to maximum sanction of dismissal or any lesser disciplinary sanction pursuant to rule 3335-11-021 of the Administrative Code.

3335-11-05 Promulgation of regulations.

Before promulgating the regulations authorized under rules 3335-11-03 and 3335-11-04 of the Administrative Code and before amending such regulations after they have been promulgated, the vice provost for student affairs shall obtain the recommendation of the council on student affairs. (See rule 3335-5-484 of the Administrative Code.)

May 1, 1986 meeting, Board of Trustees

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to the Rules of the University Faculty be adopted as recommended by the University Senate.

Upon motion of Mr. Berry, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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NAMING OF BUILDING

Resolution No. 86-116

Synopsis: A new name is proposed for the building on the Columbus campus at 154 West Twelfth Avenue, commonly known as the "Student Services Building."

WHEREAS this Board has authority in naming of all buildings and structures at The Ohio State University, as set forth in paragraph (G) of rule 3335-1-08 of the Administrative Code; and

WHEREAS the building on the Columbus campus at 154 West Twelfth Avenue, commonly known as the "Student Services Building" and still named officially "The Ohio Union," is being renovated to house the offices of University College; and

WHEREAS Harold L. Enarson, who served as the ninth president of The Ohio State University from 1972-81, demonstrated a deep and abiding interest in and affection for the students of this University during his years in office and frequently was referred to, according to his biography, as "the students' president"; and

WHEREAS the President recommended, with the concurrence of the President's staff, that the aforementioned building at 154 West Twelfth Avenue be named in honor of President Emeritus Enarson:

NOW THEREFORE

BE IT RESOLVED, That henceforth the building at 154 West Twelfth Avenue shall bear the name, "Harold L. Enarson Hall."

Upon motion of Ms. Casto, seconded by Mrs. Bowser, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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May 1, 1986 meeting, Board of Trustees

**APPOINTMENTS AND REAPPOINTMENTS
OF HOSPITALS BOARD MEMBERS**

Resolution No. 86-117

Synopsis: Confirmation and approval of nominees to the University Hospitals Board as proposed.

WHEREAS the Board of Trustees on November 30, 1979, approved the establishment of a University Hospitals Board; and

WHEREAS the membership of the Hospitals Board was approved on April 4, 1980, and has been subsequently amended; and

WHEREAS two vacancies currently exist on this Board and the terms of two members of the general public expired on April 30, 1986, and the term of one other member of the general public expires on July 7, 1986:

NOW THEREFORE

BE IT RESOLVED, That the following nominees be approved as general public members of the University Hospitals Board for a term of three years, effective as noted:

Susan J. Insley - May 1, 1986
Donald Shackelford - May 1, 1986
John F. Havens - May 1, 1986

BE IT FURTHER RESOLVED, That the following general public members be reappointed to the Hospitals Board for a period of three years, effective as noted:

Charles Lazarus - May 1, 1986
Pete Klisares - July 8, 1986

Upon motion of Mr. Galbreath, seconded by Mrs. Bowser, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**DEGREES AND CERTIFICATES -
SPRING QUARTER COMMENCEMENT**

Resolution No. 86-118

Synopsis: Approval is being requested for awarding degrees and certificates for Spring Quarter Commencement.

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit, in accordance with rule 3335-9-29 of the

May 1, 1986 meeting, Board of Trustees

**DEGREES AND CERTIFICATES -
SPRING QUARTER COMMENCEMENT (contd)**

Administrative Code, for approval by the Board of Trustees the names of persons who have completed degree and certificate requirements:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on June 13, 1986, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools, and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Mrs. Bowser, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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HONORARY DEGREE

Resolution No. 86-119

Synopsis: Approval is requested for awarding an honorary degree.

WHEREAS pursuant to paragraph (C) of rule 3335-3-03 of the Administrative Code, the President, after consultation with the Steering Committee of the University Senate, recommended to the Board of Trustees awarding of an honorary degree as listed below:

Leslie H. Wexner

Doctor of Humanities

NOW THEREFORE

BE IT RESOLVED, That the above honorary degree be awarded in accordance with the recommendation at a time convenient to the University and the recipient.

Upon motion of Mr. Galbreath, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 86-120

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the April 4, 1986 meeting of the Board, including the following Change

May 1, 1986 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

in Title, Appointment of Chairpersons of Departments, Leaves of Absence Without Salary, Leave of Absence Without Salary--Continuation, Professional Improvement Leave--Change of Dates, and Emeritus Title as detailed in the University Budget be approved, and the Medical Staff--Appointments approved April 10, 1986, by the Hospitals Board be ratified.

Change in Title

Name:	ALBERT J. KUHN
Title:	Director
Office:	University Honors Program/Academic Affairs
Effective:	May 15, 1986
Salary:	\$75,000.00
Present Position:	Acting Director, University Honors Program and Professor, Department of English

Appointment of Chairpersons of Departments

April 1, 1986 through September 30, 1986

German	Gisela M. Vitt*
Veterinary Anatomy	Carleton L. Lohse*

April 1, 1986 through March 31, 1990

Biochemistry	George A. Marzluf
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*Acting Chairpersons

Leaves of Absence Without Salary

JON L. HIGGINS, Professor, Department of Educational Theory and Practice, effective April 1, 1986 through June 30, 1986, for personal reasons.

RENE M. STULZ, Professor, Academic Faculty of Finance, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987, to accept a Visiting Professorship at the University of Chicago.

MAXEY L. WELLMAN, Instructor, Department of Veterinary Pathobiology, effective April 1, 1986 through September 30, 1986, for medical reasons.

Leave of Absence Without Salary--Continuation

ROBERT KRAUT, Associate Professor, Department of Philosophy, effective Autumn Quarter 1986, to continue his work as a Visiting Professor at Rutgers University.

May 1, 1986 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leave--Change of Dates

GISELA M. VITT, Associate Professor, Department of German, change leave from Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986, to Autumn Quarter 1985 and Winter Quarter 1986.

Emeritus Title

CHARLES C. RITTER, Department of Theatre, with the title Professor Emeritus, effective July 1, 1986.

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

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 86-121

Synopsis: The reports on contracts, grants, and gifts and the summary for March 1986 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial and other agencies and alumni and various other individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station and The Ohio State University Development Fund during the month of March 1986 be approved.

Upon motion of Mr. Immke, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

May 1, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR MARCH 1986

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	104	\$5,799,273.00
Engineering Experiment Station	43	\$ 144,694.00
Total	147	\$5,943,967.00
The Ohio State University Development Fund		
Establishment of Named Funds		
The Finley H. Hall Fund (Benefit the College of Business)		\$ 675,000.00
The Columbus Hospitals Endowment Fund (Scholarly activities in Hospital and Health Services Administration)		\$ 38,500.00
The James M. Lachey Athletic Endowment Fund (Grant-in-aid for a student athlete on the varsity football squad)		\$ 10,000.00
The Bernard and Naomi Schottenstein Cancer Research Institute Endowment Fund (To establish a chair in the Cancer Research Institute)		\$ 10,000.00
The Lajos and Wilhelmina Szabo Archi- tecture Scholarship Fund (Scholarship)		\$ 9,000.00
Helen Morrison Earnhart Harley Educational Scholarship Fund (Scholarships - graduates of Franklin County high schools majoring in English)		\$ 8,000.00
Theresa Lucille Brown Adams Scholarship Fund (Scholarships - Black students)		\$ 6,476.25
The Gim and Jan Jay Scholarship Fund (Scholarships to students of Asian descent majoring in visual or performing arts)		\$ 5,000.00

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR MARCH 1986 (contd)

Change of Name and Description of Named Fund

From: Hope Strong Memorial Fund
To: Hope Strong Journalism Fund

Report from Presidents Club

Members to date	5,212
1985-86 members: fiscal year to date	136
New members - March 1986	23

New Presidents Club Members - March 1986

James J. Ashburn	Kathleen L. Huff
Robert C. Bilikam, Jr.	David E. Lahmers
Shirley A. Block	Inez G. Mittlehauser
Stanley L. Brody	Robert K. Peterson
Deborah S. Cramer	Bruce L. Smith
Mark A. Cramer	Paul F. Sullivan
James C. Davidson	Earl H. Thomas
John E. Frank	Danny Van Dyke
Michael P. Graney	William P. Yarger
George H. Hogan	Victor L. Yowell

Chase Bank of Ohio
The Stouffer Corporation
United Color Press, Inc.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - March 1986

Federal Research Contracts/Grants

\$600,000.00 - Department of Education, Washington, DC, The National Center for Research in Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 16 January 1986 through 15 January 1987. (Project 765190 - Continuation)

\$360,000.00 - Department of the Navy, Office of Naval Research, Arlington, VA, Joint Services Electronics Program, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters, Jr., P. H. Pathak, C. D. Chuang, D. L. Moffatt, E. H. Newman, R. T. Compton, and N. N. Wang), 1 October 1985 through 30 September 1986. (Project 760914 - Continuation)

\$299,302.00 - Department of the Navy, Office of Naval Research, Arlington, VA, Resonant Region NCTR Research, Department of Electrical Engineering, ElectroScience Laboratory (E. K. Walton), 15 January 1986 through 14 January 1987. (Project 765216 - Continuation)

\$229,006.00 - Department of Health and Human Services, Public Health Service, Bureau of Health Professions, Rockville, MD, Proposal for Doctoral Program/The Ohio State University, Department of Family and Community Nursing (E. Menke), 1 March 1986 through 28 February 1987. (Project 764615 - Continuation)

\$179,080.00 - Department of the Navy, Navy Material Command, China Lake, CA, RF (Radio Frequency) Systems Evaluation and Development, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 12 March 1986 through 11 March 1987. (Project 765274 - New)

\$132,839.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Characterization of Anticoagulant Heparin Determinants, Department of Chemistry (D. Horton), 1 April 1986 through 31 March 1987. (Project 764008 - Continuation)

\$131,097.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, The Molecular Biology of Organellar Translocation, Department of Microbiology (B. R. Oakley and D. R. Galloway), 1 April 1986 through 31 March 1987. (Project 763502 - Continuation)

\$103,986.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, OH, Adaptive Arrays for

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

Satellite Communication, Department of Electrical Engineering, ElectroScience Laboratory (A. A. Ksienski), 16 February 1986 through 15 November 1986. (Project 764040 - Continuation)

\$100,349.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, OH, Adaptive Arrays and Packet Radio, Department of Electrical Engineering, ElectroScience Laboratory, (R. T. Compton, Jr.), 17 March 1986 through 16 March 1987. (Project 765284 - New)

\$100,046.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Oral Tolerance in Allergic Encephalomyelitis, Department of Medicine (C. C. Whitacre), 1 April 1986 through 31 March 1987. (Project 765266 - New)

\$100,000.00 - Department of the Navy, Office of Naval Research, Arlington, VA, Exploratory Research on the Protection of Carbon-Carbon Composites against Oxidation at Very High Temperatures ($\geq 3000^{\circ}\text{F}$) with Engel-Brewer and Other Intermetallic Compounds, Department of Metallurgical Engineering (C. R. St.Pierre, J. P. Hirth and R. A. Rapp), 1 November 1985 through 31 October 1986. (Project 765280 - New)

\$99,980.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, OH, An Experimental Study of Shock-Boundary Layer Interaction in Hypersonic Flow, Department of Aeronautical and Astronautical Engineering (J. D. Lee and M. B. Bragg), 1 March 1986 through 30 June 1987. (Project 765240 - New)

\$99,000.00 - National Science Foundation, Washington, DC, Magnetic Domain Wall Resonance and the Electric Field Shift of the Ferromagnetic Resonance, Department of Physics (P. E. Wigen), 1 January 1986 through 31 December 1986. (Project 763741 - Continuation)

\$96,152.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, OH, Omnidirectional Dummy Head and Neck, Department of Mechanical Engineering (R. L. Stalnaker), 1 January 1986 through 31 December 1986. (Project 763945 - Continuation)

\$93,755.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Acute Phase Reactants: Induction and Host Resistance, Department of Microbiology (R. F. Mortensen), 1 March 1986 through 28 February 1987. (Project 762354 - Continuation)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$93,378.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Synthesis of Amino Acid Derived Natural Products, Department of Chemistry (D. J. Hart), 1 April 1986 through 31 March 1987. (Project 764000 - Continuation)

\$89,491.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Pathobiology of Latent Lymphomagenic Feline Retroviruses, Department of Veterinary Pathobiology (J. L. Rojko), 1 February 1986 through 31 January 1987. (Project 763747 - Continuation)

\$83,733.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Synthesis of Biologically Active Alkaloids, Department of Chemistry (D. J. Hart), 1 April 1986 through 31 March 1987. (Project 762083 - Continuation)

\$79,947.00 - Environmental Protection Agency, Washington, DC, Kinetics of Chloramine Inactivation of Giardia Cysts, Department of Civil Engineering (A. J. Rubin), 1 February 1986 through 5 May 1987. (Project 764693 - Continuation)

\$70,000.00 - Department of Transportation, Transportation Systems Center, Cambridge, MA, Research into the Correlation of Accidents, Human Error and Critical Element Failure in Aviation, Department of Industrial and Systems Engineering (T. H. Rockwell), 3 January 1986 through 3 January 1987. (Project 765196 - New)

\$69,487.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Computer Based Pathology Consultation Submodule, Department of Pathology (J. W. Smith), 1 March 1986 through 28 February 1987. (Project 764606 - Continuation)

\$68,130.00 - National Science Foundation, Washington, DC, Accomplishment Based Research on Study of Gas-Liquid-Solid Fluidization, Department of Chemical Engineering (L. S. Fan), 1 May 1986 through 30 April 1987. (Project 765308 - New)

\$68,000.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, OH, Unified Head Injury Theory, Department of Mechanical Engineering (R. L. Stalnaker), 1 January 1986 through 31 December 1986. (Project 764510 - Continuation)

\$62,500.00 - National Science Foundation, Washington, DC, Presidential Young Investigator Award - Fracture and

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

Toughening of Ceramic Materials, Department of Ceramic Engineering (K. T. Faber), 1 July 1986 through 30 June 1987. (Project 764324 - Continuation)

\$60,000.00 - Department of the Air Force, Electronic Systems Division, Hanscom Air Force Base, MA, Spectroscopy of Molecular Ions and Their Clusters, Department of Chemistry (T. A. Miller), 12 March 1986 through 30 September 1986. (Project 765285 - New)

\$60,000.00 - Department of the Navy, Office of Naval Research, Arlington, VA, Degradation of Materials by Interdiffusion, Department of Metallurgical Engineering (J. P. Hirth), 1 March 1986 through 28 February 1987. (Project 764574 - Continuation)

\$58,750.00 - National Science Foundation, Washington, DC, Ultrastructure of Paleozoic and Mesozoic Pollen and Spores, Department of Botany (T. N. Taylor), 15 October 1985 through 31 March 1987. (Project 764471 - Continuation)

\$56,870.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, OH, Ohio State University ADP (Automated Data Processing) Support, Department of Electrical Engineering (H. Hemami), 6 January 1986 through 31 December 1986. (Project 765276 - New)

\$54,109.00 - National Science Foundation, Washington, DC, Do V-A Mycorrhizae Regulate Responses of Perennial Herbs to Forest Canopy Gaps?, Department of Botany (R. E. J. Boerner), 1 October 1986 through 31 March 1989. (Project 765303 - New)

\$51,414.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Computer-Based Pathology Consultation, Department of Pathology (J. W. Smith), 1 March 1986 through 28 February 1987. (Project 764598 - Continuation)

\$50,579.00 - National Science Foundation, Washington, DC, The James Ross Island Basin and the Evolution of the Antarctic Peninsula, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot), 1 May 1986 through 30 April 1987. (Project 765262 - New)

\$50,072.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, OH, Support of Defects Investigations, Department of Mechanical Engineering (D. A. Guenther), 1 November 1985 through 15 November 1986. (Project 765180 - Continuation)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$50,000.00 - National Science Foundation, Washington, DC, Lithospheric Analysis of Regional Antarctic Gravity and Magnetic Anomalies, Institute of Polar Studies and Department of Geology and Mineralogy (R. R. B. Von Frese), 1 April 1986 through 31 March 1987. (Project 764662 - Continuation)

\$45,000.00 - National Science Foundation, Washington, DC, Superfluid Turbulence, Department of Physics (J. T. Tough), 1 March 1986 through 31 August 1986. (Project 763441 - Continuation)

\$44,300.00 - National Science Foundation, Washington, DC, The Emission Line Regions of Active Galactic Nuclei, Department of Astronomy (G. J. Ferland), 1 June 1986 through 31 May 1987. (Project 764832 - Continuation)

\$40,394.00 - National Science Foundation, Washington, DC, Geological and Geochemical Study of Elephant Moraine, Allan Hills Area, South Victoria Land, Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (G. Faure), 1 December 1985 through 30 November 1986. (Project 764428 - Continuation)

\$40,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, OH, Analysis of the Scattering from an Inlet Geometry with Lossy Walls, Department of Electrical Engineering, ElectroScience Laboratory (P. H. Pathak), 11 March 1986 through 11 October 1986. (Project 763822 - Continuation)

\$40,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, OH, Effects of Ice Formation on 2-D Aerodynamic Shapes, Department of Aeronautical and Astronautical Engineering (M. B. Bragg and G. M. Gregorek), 16 May 1986 through 31 October 1986. (Project 762009 - Continuation)

\$35,000.00 - Department of Energy, Argonne, IL, Electron-Positron Annihilations Using the Present CLEO Detector and Its Replacement, CLEO II, Department of Physics (R. D. Kass), 1 February 1986 through 31 December 1986. (Project 764804 - Continuation)

\$30,031.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Biomechanics of an Amphibian Seismic Sensory Systems, Department of Zoology (T. E. Hetherington), 1 April 1986 through 31 March 1987. (Project 764599 - Continuation)

\$27,194.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, CA, Analysis of a

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

Simulated 2-D Viscous Flow for the Case of Hover Flight, Department of Mechanical Engineering (A. T. Conlisk), 1 January 1986 through 31 December 1987. (Project 765301 - New)

\$24,677.00 - National Science Foundation, Washington, DC, NSF-CBMS Regional Conference in the Mathematical Sciences on Mathematical Statistics, Columbus, Ohio; March 23, 1987 - March 30, 1987, Department of Statistics (S. E. Leurgans), 1 July 1986 through 30 June 1987. (Project 765254 - New)

\$24,466.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, MD, Comparison of High Spectral Resolution Atlas of Integrated Sunlight and the Solar Luminosity from Two Epochs, Department of Astronomy (W. E. Mitchell), 15 April 1986 through 14 April 1987. (Project 765302 - New)

\$22,545.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, The Corneal Environment, Department of Optometry (R. M. Hill), 1 April 1986 through 31 March 1987. (Project 761080 - Continuation)

\$22,050.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, OH, Pedestrian Injury Reduction - Concept Development, Department of Mechanical Engineering (D. A. Guenther), 1 December 1985 through 31 December 1986. (Project 765252 - New)

\$21,121.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Viral Infections and Salivary Gland Graft-vs-Host Disease, Department of Medicine (J. F. Sheridan), 1 March 1986 through 28 February 1987. (Project 765258 - New)

\$18,000.00 - Department of the Navy, David Taylor Naval Ship Research and Development Center, Bethesda, MD, Two Dimensional Airfoil Investigation, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek), 1 January 1986 through 31 March 1986. (Project 765270 - New)

\$17,004.00 - National Science Foundation, Washington, DC, Studies of Internal Layering and Basal Conditions in Ice Sheets Using Low Frequency Ice Radar, Institute of Polar Studies and Department of Geology and Mineralogy (I. M. Whillans), 1 June 1986 through 31 May 1987. (Project 765261 - New)

\$16,000.00 - Department of the Army, Army Research Office, Research Triangle Park, NC, An International Symposium on Molecular Spectroscopy, Department of Physics (K. N. Rao), 10 March 1986 through 9 March 1987. (Project 765282 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$15,000.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, DC, Motion and Stability of Saturated Soil Systems under Dynamic Loading, Department of Civil Engineering (R. S. Sandhu and W. E. Wolfe), 1 February 1986 through 31 January 1987. (Project 763420 - Continuation)

\$10,000.00 - Department of Transportation, Transportation System Center, Cambridge, MA, Research into the Correlation of Accidents, Human Error and Critical Element Failure in Aviation, Department of Industrial and Systems Engineering (T. H. Rockwell), 3 January 1986 through 30 September 1987. (Project 765196 - New)

\$6,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Minority High School Student Research Apprenticeship Program/Biological Sciences, Office of Minority Affairs (J. Cruz), 1 March 1986 through 28 February 1987. (Project 765290 - Continuation)

\$6,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Minority High School Student Research Apprenticeship Program/Medicine, Office of Minority Affairs (J. Cruz), 1 March 1986 through 28 February 1987. (Project 765287 - Continuation)

\$6,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Minority High School Student Research Apprenticeship Program/Pharmacy, Office of Minority Affairs (J. Cruz), 1 March 1986 through 28 February 1987. (Project 765289 - Continuation)

\$6,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Minority High School Student Research Apprenticeship Program/Veterinary Medicine, Office of Minority Affairs (J. Cruz), 1 March 1986 through 28 February 1987. (Project 765288 - Continuation)

TOTAL - FEDERAL AWARDS **\$4,417,834.00**

State of Ohio Research Contracts/Grants

\$125,000.00 - State of Ohio, Department of Development, Columbus, OH, Support for the Ohio Technology Transfer Organization (OTTO), Academic Affairs Administration (R. E. Bailey), 1 July 1985 through 30 June 1986. (Project 765259 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$66,147.00 - State of Ohio, Bureau of Employment Services, Columbus, OH, Entrepreneurial Training Pilot Project, The National Center for Research in Vocational Education (R. E. Taylor), 10 January 1986 through 30 June 1987. (Project 765299 - New)

\$65,800.00 - State of Ohio, Department of Mental Retardation, Columbus, OH, Deinstitutionalization Task Force Implementation, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 December 1985 through 30 November 1986. (Project 763871 - Continuation)

\$64,197.00 - State of Ohio, Bureau of Employment Services, Columbus, OH, Development of Unemployment Resource Guide, 1986 Edition, Academic Faculty of Labor Education and Research Services (B. Cochrane and C. J. Slanicka), 1 March 1986 through 28 February 1987. (Project 765275 - New)

\$50,000.00 - State of Ohio, Department of Natural Resources, Columbus, OH, Litter Control and Recycling Education Program, Cooperative Extension State Operations and Department of Agricultural Education (J. D. Rohrer), 22 January 1986 through 31 December 1986. (Project 763404 - Continuation)

\$49,217.00 - State of Ohio, Department of Urban Affairs, Columbus, OH, Prevention and Control of Delinquency among Youth Gangs and Youth Groups in Ohio, School of Public Administration (C. R. Huff), 1 April 1986 through 31 March 1987. (Project 765255 - Continuation)

\$3,776.00 - State of Ohio, Department of Health, Columbus, OH, Neonatal Intensive Care Unit Hearing Screening, Nisonger Center for Mental Retardation (P. Niswander), 1 October 1985 through 30 September 1986. (Project 765120 - Continuation)

\$2,993.00 - State of Ohio, Department of Natural Resources, Columbus, OH, Population Structure and Demography of Froelichia floridana in Ohio, Department of Botany (K. L. Gross), 12 March 1986 through 1 June 1987. (Project 765293 - New)

\$2,788.00 - State of Ohio, Department of Natural Resources, Columbus, OH, Managing Forest Preserves for Big Trees: The Relationship among Natural Disturbance Regimes, Species Composition and Succession, Department of Botany (R. E. J. Boerner), 12 March 1986 through 1 June 1987. (Project 765294 - New)

\$2,452.00 - State of Ohio, Department of Natural Resources, Columbus, OH, Structure, Composition and Successional

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

Relationships of Forested Areas of the Fowler Woods State Nature Preserve, Richland County, Department of Botany (R. E. J. Boerner), 12 March 1986 through 1 June 1987. (Project 765295 - New)

\$1,581.00 - State of Ohio, Department of Mental Health, Columbus, OH, Natural Support Systems: Sources of Strength in the Puerto Rico Community of Cleveland, Ohio, College of Social Work (V. Richardson and M. De LaRosa), 13 February 1986 through 30 June 1986. (Project 765253 - New)

TOTAL - STATE OF OHIO AWARDS **\$ 433,951.00**

Industrial Research Contracts/Grants

\$145,087.00 - Pfizer, Inc., Groton, CT, Double-Blind Placebo Controlled Ninety Day Toleration Study of CP 54,802 (101-501), Department of Pharmacology (N. Gerber), 1 October 1985 through 30 June 1986. (Project 764001 - Continuation)

\$89,901.00 - Sandia National Laboratories, Albuquerque, NM, Unsteady Pressure Measurements on Wind Turbine Airfoils, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek), 1 April 1986 through 31 March 1987. (Project 765298 - New)

\$74,907.00 - Rockwell International, Los Angeles, CA, Scattering Analysis, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters, Jr.), 20 February 1986 through 30 September 1986. (Project 765271 - New)

\$64,732.00 - E. I. Du Pont De Nemours and Company, Wilmington, DE, Therapy of Lymph Node Metastases with Lymphokine Activated Killer Cells and Concurrent Interleukin 2, Department of Microbiology (B. S. Zwilling), 13 February 1986 through 30 September 1986. (Project 765269 - New)

\$32,692.00 - The Procter & Gamble Co., Cincinnati, OH, Effect of Topical Agents on Root Surface Caries in Rats, College of Dentistry - Oral Biology (S. Rosen), 1 March 1986 through 28 February 1987. (Project 765281 - New)

\$30,197.00 - Triton Biosciences, Inc., Alameda, CA, Double-Blind Phase II Study to Evaluate the Safety and Efficacy of IFN-B_{ser} in Patients with Renal Cell Carcinoma, Department of Medicine (J. J. Rinehart), 10 June 1985 through 31 December 1986. (Project 764884 - Continuation)

\$19,981.00 - Georgia-Pacific Corporation, Atlanta, GA, Supplemental Instructional Materials for Building Products, College of Education - Administration (J. J. Buffer) and

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

Department of Educational Theory and Practice (W. D. Umstattd), 1 January 1986 through 31 December 1986. (Project 765297 - New)

\$16,212.00 - Polymer Technology Corporation, Wilmington, MA, The Corneal Endothelium Following Boston IV Rigid Contact Lens Daily Wear and Equalens Rigid Contact Lens Extended Wear, Department of Optometry (J. P. Schoessler), 1 April 1986 through 31 March 1987. (Project 765273 - New)

\$12,325.00 - Tokos Medical Corporation, Santa Ana, CA, Evaluation of Home Uterine Contraction Monitoring in Normal and High Risk Pregnancies, Department of Obstetrics and Gynecology (J. D. Iams), 1 March 1986 through 28 February 1987. (Project 765260 - New)

Equipment - Tandy Corporation, Fort Worth, TX, Clinical Nutrition Education Using Microcomputers, School of Allied Medical Professions (M. R. Schiller), 1 March 1986 through 28 February 1987. (Project 765264 - New) (Approximate Dollar Value - \$7,995)

TOTAL - INDUSTRIAL AWARDS \$ 486,034.00

Other Non-Federal Research Contracts/Grants

\$99,934.00 - Smokeless Tobacco Research Council, Inc., New York, NY, Effect of Smokeless Tobacco on Periodontal Health, College of Dentistry - Oral Biology (K. Schroeder), 1 July 1986 through 30 June 1987. (Project 764728 - Continuation)

\$68,807.00 - University of Texas, Dallas, TX, Yeast Mitochondrial DNA Recombination, Department of Genetics (P. S. Pearlman), 5 September 1985 through 31 August 1986. (Project 765272 - New)

\$45,159.00 - National Fund for Medical Education, Hartford, CT, The Design of a Program to Enhance Problem-Solving Skills in Medical Students, Department of Anatomy (B. L. Wismar), 1 July 1986 through 30 June 1988. (Project 765305 - New)

\$35,383.00 - Battelle Memorial Institute, Columbus, OH, Indicators of Soviet Response to Development of a U.S. ABM System, Mershon Center for Education (C. F. Hermann), 28 October 1985 through 30 April 1986. (Project 765226 - Continuation)

\$30,772.00 - American Congress on Surveying and Mapping, Falls Church, VA, National Committee for Digital

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

Cartographic Data Standards, Department of Geography (H. Moellering), 1 April 1986 through 30 September 1986. (Project 764886 - Continuation)

\$25,000.00 - American Otological Society, Inc., New York, NY, Otosclerosis: Ultrastructural, Histochemical and X-Ray Microanalysis, Department of Otolaryngology (D. J. Lim), 1 July 1986 through 30 June 1987. (Project 765283 - Continuation)

\$21,730.00 - Max Kade Foundation, Inc., New York, NY, NMR Studies on the Biosynthesis of Antibiotics in Streptomyces Species, Department of Chemistry (H. G. Floss), 1 January 1986 through 31 December 1986. (Project 765257 - New)

\$15,234.00 - North Carolina Department of Public Instruction, Raleigh, NC, Designing and Developing Information Dissemination Products for the North Carolina Division of Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 February 1986 through 15 June 1986. (Project 765224 - Continuation)

\$15,000.00 - Battelle Memorial Institute, Columbus, OH, Natural Analog Study Technical Support, Department of Geology and Mineralogy (K. A. Foland), 1 November 1985 through 31 March 1986. (Project 764352 - Continuation)

\$15,000.00 - Battelle Memorial Institute, Columbus, OH, Natural Analog Study Technical Support, Department of Geology and Mineralogy (K. A. Foland), 1 April 1986 through 30 June 1986. (Project 764352 - Continuation)

\$14,721.00 - Morris Animal Foundation, Englewood, CO, Cloning of the Antigens of Potomac Horse Fever by Using Recombinant DNA Technology, Department of Veterinary Pathobiology (Y. Rikihisa), 1 April 1986 through 30 September 1986. (Project 765307 - New)

\$11,300.00 - Family Health Foundation of America, Kansas City, MO, Behavioral and Medical Aspects of Gastrointestinal Problems: Model Diagnosis and Management Protocols for Family Physicians, Department of Family Medicine (L. Vandecreek), 1 March 1986 through 28 February 1987. (Project 765256 - New)

\$10,000.00 - The George Gund Foundation, Cleveland, OH, Ohio Leadership Education and Development Program, Department of Agricultural Economics and Rural Sociology and Cooperative Extension State Operations (R. D. Duvick), 1 January 1986 through 31 December 1986. (Project 764482 - Continuation)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$6,780.00 - Children's Hospital Research Foundation, Columbus, OH, Vasoactive Intestinal Peptide in Diagnosis of Leukemia, Department of Medicine (T. M. O'Dorisio), 1 July 1985 through 30 June 1986. (Project 765296 - New)

\$6,149.00 - Cancer Therapy and Research Center, San Antonio, TX, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Pathology (R. V. O'Toole), 1 January 1986 through 31 December 1986. (Project 761460 - Continuation)

\$5,000.00 - Dermatology Foundation, Evanston, IL, Biology of Basal Cell Carcinoma, Department of Medicine (R. E. Grimwood), 1 January 1986 through 31 December 1986. (Project 765300 - New)

\$5,000.00 - Franklin County Board of Mental Retardation and Developmental Disabilities, Columbus, OH, Referral Service, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 February 1986 through 31 January 1987. (Project 764647 - Continuation)

\$5,000.00 - Stallone Fund for Autism Research, Culver City, CA, Biochemical Markers for Infantile Autism, Department of Pathology (H. A. I. Newman), 1 February 1986 through 31 January 1987. (Project 765286 - New)

\$4,626.00 - Cancer Therapy and Research Center, San Antonio, TX, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Medicine and Cancer Research Center (M. R. Grever), 1 January 1986 through 31 December 1986. (Project 764689 - Continuation)

\$3,994.00 - Virginia Community College System, Richmond, VA, 1986 Data Analysis Assistance for the Virginia Community College System, The National Center for Research in Vocational Education (R. E. Taylor), 1 March 1986 through 30 April 1986. (Project 765278 - New)

\$3,770.00 - Cancer Therapy and Research Center, San Antonio, TX, Mesothelioma Pathology Review Chairman's Support, Department of Pathology (J. G. Lucas and S. E. Tuttle), 1 January 1986 through 31 December 1986. (Project 764837 - Continuation)

\$3,176.00 - Cancer Therapy and Research Center, San Antonio, TX, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Medicine (S. P. Balcerzak), 1 January 1986 through 31 December 1986. (Project 763118 - Continuation)

May 1, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$3,000.00 - National Institute for Dispute Resolution, Washington, DC, Mediation Legislation Symposium, College of Law (N. H. Rogers), 15 February 1986 through 30 September 1986. (Project 765268 - New)

\$3,000.00 - University Affiliated Cincinnati Center for Developmental Disorders, Cincinnati, OH, The Prevention of Developmental Disabilities Project, College of Medicine - Administration (G. L. Trzebiatowski), 1 January 1986 through 31 December 1986. (Project 763887 - Continuation)

\$2,000.00 - Oklahoma Department of Vocational and Technical Education, Stillwater, OK, National Entrepreneurship Education Consortium, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1985 through 30 June 1986. (Project 764945 - Continuation)

\$1,360.00 - Dobyns-Bennett High School, Kingsport, TN, Technical Assistance for Dobyns-Bennett High School, The National Center for Research in Vocational Education (R. E. Taylor), 1 February 1986 through 30 April 1986. (Project 768056 - New)

\$509.00 - Cancer Therapy and Research Foundation, San Antonio, TX, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Medicine (S. P. Balcerzak), 1 February 1986 through 30 June 1986. (Project 765208 - Continuation)

\$50.00 - Junior League of Columbus, Columbus, OH, Prepared Childbirth for Mentally Retarded Women, Nisonger Center for Mental Retardation (E. H. King), 1 February 1986 through 30 June 1986. (Project 765279 - New)

TOTAL - OTHER NON-FEDERAL AWARDS **\$ 461,454.00**

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

\$2,850.00 - Additional funding from the Ohio Department of Transportation, Columbus, OH, "Improved Analytical Photogrammetric Techniques for Application to Photolog Imagery," Department of Geodetic Science and Surveying, 1 October 1985 through 1 October 1986. (529687 - Ext. 1)

Industrial and Other Sponsored Research and Development

\$50,000.00 - McCoy Avionics, Columbus, OH, "Development of a Microprocessor Control Retrofit Product for an Aircraft NAV-COMM Radio," Department of Electrical Engineering, 1 March 1986 through 15 September 1986. (312867)

May 1, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION (contd)

Industrial and Other Sponsored Research and Development (contd)

\$38,748.00 - Universal Energy Systems, Inc., Dayton, OH, "Advanced Simulation Language and Multi-Computer Design for Improving the Performance of Modeling and Control of Metal Forming Processes," Department of Computer and Information Science, 15 November 1986 through 30 November 1987. (312869)

\$28,678.00 - from 27 sponsors of 37 development projects under the direction of four engineering departments or research areas.

\$11,418.00 - General Electric, Cincinnati, OH, "The Fiber Matrix Interface in Oxide Fiber-Reinforced Ceramics," Department of Ceramic Engineering, 6 March 1986 through 30 June 1986. (529702)

\$10,000.00 - Packard Electric, Warren, OH, "Development of a Terminal Plug Assurance System," Department of Electrical Engineering, 1 March 1986 through 30 September 1986. (312868)

\$3,000.00 - Additional funding from Battelle Columbus Labs, Columbus, OH, "Analysis of Miniature Charpy Specimen Data," Nuclear Engineering Program, 1 October 1985 through 21 April 1986. (529691 - Ext. 1)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 141,844.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

The Finley H. Hall Fund

The Finley H. Hall Fund was established May 1, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the estate of Finley H. Hall, B.S.Bus.Adm. '23, for the benefit of the College of Business.

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

Any additional gifts as well as unused income at the end of the fiscal year shall be added to the fund's principal. The principal as well as income shall be used for the benefit of the College of Business at the discretion of the Dean.

May 1, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Finley H. Hall Fund (contd)

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees of The Ohio State University.

The Columbus Hospitals Endowment Fund

The Columbus Hospitals Endowment Fund was established May 1, 1986, by the Board of Trustees of The Ohio State University with gifts to the Office of University Development from Columbus area hospitals.

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

The annual income shall be used for the purpose of support for scholarly activities within the Graduate Program in Hospital and Health Services Administration such as scholarships but is not limited only to scholarships. All requisitions for funds are to be approved by the Chairperson of the Graduate Program in Hospital and Health Services Administration in conjunction with the Dean of the College of Medicine.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for enhancement of health care delivery and education or for any other purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the administrative official of the University then directly responsible for the College of Medicine.

The James M. Lachey Athletic Endowment Fund

The James M. Lachey Athletic Endowment Fund was established May 1, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from James M. Lachey, B.S.Bus.Adm. '85, (Varsity "O" 1981-1984), of St. Henry, Ohio.

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

May 1, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The James M. Lachey Athletic Endowment Fund (contd)

The annual income shall be used to fund a grant-in-aid for a student athlete who is a member of the Ohio State varsity football squad playing at the offensive guard position. Until the fund is fully endowed, annual income may be used to supplement the grants-in-aid provided for the Ohio State football squad. The recipient of the annual grant will be recommended by the head football coach with approval from the Director of Athletics at The Ohio State University.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University then responsible for the athletic program at The Ohio State University.

**The Bernard and Naomi Schottenstein
Cancer Research Institute Endowment Fund**

The Bernard and Naomi Schottenstein Cancer Research Institute Endowment Fund was established May 1, 1986, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Bernard and Naomi Schottenstein, Bexley, Ohio.

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

The annual income and additional gifts shall be added to the fund's principal until such time as the principal reaches \$1,250,000 and is sufficient to establish THE BERNARD AND NAOMI SCHOTTENSTEIN CHAIR IN CANCER RESEARCH INSTITUTE ENDOWMENT FUND. At that time, the annual income shall be used to support the work of a distinguished researcher in the area of cancer research. Appointment to the chair will be recommended by the Medical Director of the Cancer Research Institute and the Dean of the College of Medicine.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for medical education.

May 1, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

**The Lajos and Wilhelmina Szabo
Architecture Scholarship Fund**

The Lajos and Wilhelmina Szabo Architecture Scholarship Fund was established May 1, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Lajos and Wilhelmina (M.A. Education, '82) Szabo.

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

The annual income shall be used to fund the Szabo Architecture Scholarship for award to one architecture student annually who has completed the junior year of study, and who shows outstanding professional merit and a financial need. Ninety percent (90%) of the interest income shall be used for the scholarship annually and ten percent (10%) shall be used for scholarship growth annually. Selection will be made by the scholarship committee of the Department of Architecture in cooperation with the University Committee on Student Financial Aid. The award will be presented by Lajos and Wilhelmina Szabo, or the Chairperson of the Architecture Department in their absence.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for architecture education.

**Helen Morrison Earnhart Harley Educational
Scholarship Fund**

The Helen Morrison Earnhart Harley Educational Scholarship Fund was established May 1, 1986, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Office of University Development from Theodore H. Harley, B.Cer.E. '43, of Pittsburgh, Pennsylvania, in memory of his mother, Helen Morrison Earnhart Harley, B.A., Arts and Sciences, '16.

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

May 1, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Helen Morrison Earnhart Harley Educational
Scholarship Fund (contd)

Twenty percent (20%) of the annual income shall be retained and added to the principal each year. The remaining eighty percent (80%) shall be used for scholarships awarded to graduates of Franklin County high schools pursuing studies in the Department of English in the College of Humanities. Selection of the award recipients shall be made by the University Committee on Student Financial Aid in consultation with the Dean of the College of Humanities and the Chairperson of the Department of English.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University that meet the educational goals of the College of Humanities.

Theresa Lucille Brown Adams Scholarship Fund

The Theresa Lucille Brown Adams Scholarship Fund was established May 1, 1986, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the children of Theresa Lucille Brown Adams in her memory, namely, Frederick G. Adams, B.S. '56, D.D.S. '60; Lois J. Thurman; Barbara J. Byrd; Austin E. Adams and her grandson, Mark W. Thurman, M.D.

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

The annual income shall be used to support Black students who are residents of Columbus, Ohio, through scholarships administered by the Minority Scholars Program at The Ohio State University in conjunction with the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used by the Office of Minority Affairs in support of a student loan program to satisfy the needs of Black students who are residents of Columbus and/or Franklin County, Ohio.

May 1, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Gim and Jan Jay Scholarship Fund

The Gim and Jan Jay Scholarship Fund was established May 1, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from John C. Jay, B.F.A. '71, for support of higher education and the creative arts.

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

The annual income shall be used at the discretion of the Dean of the College of The Arts, in consultation with the Jay Family and the University Committee on Student Financial Aid, to encourage and support through scholarships students of Asian descent who seek careers in the visual or performing arts.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the academic programs in the College of The Arts.

Change of Name and Description of Named Fund

Hope Strong Journalism Fund

The Hope Strong Memorial Fund was established April 5, 1974, by the Board of Trustees of The Ohio State University through The Ohio State University Development Fund from the family and friends of Hope Strong (Mrs. James W.), late of Lima, Ohio. The name was changed to the Hope Strong Journalism Fund, May 1, 1986.

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

The annual income shall be used to provide scholarship award(s) and books for students (and competitive trophies, when applicable), who are enrolled at The Ohio State University Lima Campus and have attended the Lima Campus for at least one quarter when the award(s) is/are made.

May 1, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change of Name and Description of Named Fund (contd)

Hope Strong Journalism Fund (contd)

Preference will be given to students who are majoring in Journalism or who intend to major in Journalism. No funds shall be paid in cash to students to accomplish either of the above purposes, but shall be expended directly for the purchase of books or in payment of tuition. The selection of the recipient(s) is to be made upon the recommendation of the Director of The Ohio State University Lima Campus and The Ohio State University Committee on Student Financial Aid. Distribution of all income shall be made at least every two years.

Should the need for the award(s) and books cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the Director of The Ohio State University Lima Regional Campus.

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**EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
UNIVERSITY HOSPITALS - RENOVATION AND
ADDITION TO CHILLED WATER SYSTEM**

Resolution No. 86-122

Synopsis: Authorization to employ an architectural/engineering firm and request construction bids is proposed.

WHEREAS with the completion of two projects at University Hospitals, "Clinical Medical Services" and "Medical Logistical Services," additional demands will be put upon the chilled water system which the present system is incapable of handling; and

WHEREAS this project will provide for upgrading the capacity of the existing chiller and modifying the existing chilled water primary and secondary distribution systems to tie all chillers into a common supply header; and

WHEREAS \$1,300,000.00 will be made available from University Hospitals funds for this project, of which \$1,000,000.00 is estimated for construction:

NOW THEREFORE

May 1, 1986 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
UNIVERSITY HOSPITALS - RENOVATION AND
ADDITION TO CHILLED WATER SYSTEM (contd)**

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to select a qualified architectural/engineering firm for this project in conjunction with the Department of Administrative Services, and that the fees for this architectural/engineering service be negotiated between the firm selected and the Department of Administrative Services, Division of Public Works; and

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts with all actions to be reported to this Board at the appropriate time.

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

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**EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
KOTTMAN HALL - BIO-TECHNOLOGY LABORATORY REMODELING
Resolution No. 86-123**

Synopsis: Authorization to employ an architectural/engineering firm and request construction bids is proposed.

WHEREAS this project will provide for the remodeling of selected rooms on the third floor of Kottman Hall to conduct comprehensive, state-of-the-art research in bio-technological areas, and the remodeling includes the installation of lab cabinets and associated equipment, fume hoods, utility systems and services work to support the hoods and cabinets; renovation of five plant growth chambers; installation of new growth chambers; and replacement of existing inoperable dionizer with a new distillation unit to support the building; and

WHEREAS \$550,000.00 will be made available from University funds for this project, of which \$400,000.00 is estimated for construction:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to select a

May 1, 1986 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS**

KOTTMAN HALL - BIO-TECHNOLOGY LABORATORY REMODELING (contd)

qualified architectural/engineering firm for this project in conjunction with the Department of Administrative Services, and that the fees for this architectural/engineering service be negotiated between the firm selected and the Department of Administrative Services, Division of Public Works; and

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts with all actions to be reported to this Board at the appropriate time.

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

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REQUEST FOR CONSTRUCTION BIDS

DOAN HALL, SEVENTH FLOOR WEST - NURSERY RENOVATION

Resolution No. 86-124

Synopsis: Authorization to request construction bids is proposed.

WHEREAS the plans and specifications for this project have been completed and, at the request of the Vice President for Business and Administration, the President recommended that the Board of Trustees authorize the request for construction bids.

Project: Renovate an area on the seventh floor of Doan Hall, to accommodate 14 rooming-in obstetrical patients and a 16 bassinet nursery with adjacent utility services.

Funding: University Hospital Funds

Estimated Construction Cost: \$123,000.00

Estimated Project Cost: \$169,000.00

NOW THEREFORE

May 1, 1986 meeting, Board of Trustees

REQUEST FOR CONSTRUCTION BIDS
DOAN HALL, SEVENTH FLOOR WEST - NURSERY RENOVATION (contd)

BE IT RESOLVED, That the plans and specifications, bills of materials and estimates of cost be approved, that the President and/or Vice President for Business and Administration be authorized to request construction bids on this project for The Ohio State University in accordance with established University procedures, and if satisfactory bids are received to award construction contracts with all actions to be reported to this Board at the appropriate time.

Upon motion of Ms. Casto, seconded by Mr. Teaforde, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS

Resolution No. 86-125

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Administration to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

SANITARY SEWER MAIN (DON SCOTT FIELD)

Description: This project provides for the replacement of an outdated, inadequate septic tank leach bed system with an approved sanitary sewer system for existing and future facilities at Don Scott Field in compliance with EPA regulations. Construction is scheduled to begin May 1986 and is expected to be completed within 120 days.

General Contract

Date Received:	March 18, 1986
No. of Bids:	3
Low Bid:	\$536,803.50*
High Bid:	\$602,800.00*
Estimate of Cost:	\$542,129.80*

*Recommended alternate reflected in these figures.

May 1, 1986 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

SANITARY SEWER MAIN (DON SCOTT FIELD) (contd)

General Contract (contd)

Awarded to:	Kingsway Construction, Warrensville, OH
Total All Contracts:	\$536,803.50*
Total Contingency Allowance:	\$ 26,847.00 (which is 5% of construction costs)
Total Project Cost:	\$680,760.00*
Funding:	H.B. 552, H.B. 798 (U & R) and University Funds

MEANS HALL - RENOVATION OF FOURTH FLOOR

Description: This project will provide more efficient and functional laboratories, office and space arrangement for the Department of Neurology by refurbishing existing laboratories and remodeling old patient rooms including EEG areas with laboratory and testing facilities which are being relocated from Upham Hall to Means Hall. Work is scheduled to begin in the Spring of 1986 and be completed within 180 days.

General Contract

Date Received:	March 13, 1986
No. of Bids:	8
Low Bid:	\$ 87,767.00*
High Bid:	\$134,895.00*
Estimate of Cost:	\$ 89,005.00*
Awarded to:	Delaware Steel Fabrication, Delaware, OH

Plumbing Contract

Date Received:	March 13, 1986
No. of Bids:	5
Low Bid:	\$ 42,700.00
High Bid:	\$ 70,000.00

*Recommended alternate reflected in these figures.

May 1, 1986 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

MEANS HALL - RENOVATION OF FOURTH FLOOR (contd)

Plumbing Contract (contd)

Estimate of Cost:	\$ 63,546.00
Awarded to:	Systems Mechanical, Wester- ville, OH

HVAC Contract

Date Received:	March 13, 1986
No. of Bids:	6
Low Bid:	\$ 61,200.00+
High Bid:	\$ 80,577.00
Estimate of Cost:	\$ 41,748.00
Awarded to:	Systems Mechanical, Wester- ville, OH

Electric Contract

Date Received:	March 13, 1986
No. of Bids:	4
Low Bid:	\$ 37,900.00
High Bid:	\$ 58,800.00
Estimate of Cost:	\$ 43,280.00
Awarded to:	L & L Electric, Columbus, OH

Total All Contracts: \$229,567.00*

Total Contingency Allowance: \$ 26,093.39 (which is 11% of
construction costs)

Total Project Cost: \$279,418.00*

Funding: University Hospital Funds

*Recommended alternate reflected in these figures.

+HVAC Contract is in excess of filed estimate of cost;
however, the total price of all contracts is within 10% of
the total estimate of cost and is recommended for award as
provided by Section 153.12 of the Revised Code.

NOTE: Low bidder withdrew its bid; award made to second low.

May 1, 1986 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

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

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**SALE OF REAL PROPERTY
20 NORTH PARK STREET, OBERLIN, OHIO
Resolution No. 86-126**

Synopsis: Sale of real property located at 20 North Park Street in Oberlin, Ohio, is proposed.

WHEREAS through a devise in the Last Will and Testament of the Late Frances Ruth Tumbleson, the Board of Trustees of The Ohio State University accepted, on December 6, 1985, a gift of real property, consisting of 0.18 acres located in Oberlin, Ohio; and

WHEREAS in accordance with the terms of this gift, the net proceeds from the sale of this property will be used to establish the Robert C. Tumbleson Memorial Scholarship Fund; and

WHEREAS the University has received an offer from Mr. John T. Seyfried of Cleveland, Ohio, to purchased this property for \$31,000.00; and

WHEREAS the appropriate University offices have determined that the sale of this property is in the best interest of the University:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sell, in the name of the Board of Trustees, all of the University's right, title, and interest in and to this property to Mr. John T. Seyfried at a price of \$31,000.00 upon such terms and conditions as are deemed to be in the best interest of the University.

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

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May 1, 1986 meeting, Board of Trustees

**EASEMENT
OHIO POWER COMPANY**

Resolution No. 86-127

Synopsis: Authorization to grant an easement to the Ohio Power Company for installation of electric service is requested.

WHEREAS the Ohio Power Company has requested a 15-year easement consisting of a strip of land 12 feet in width and approximately 390 feet in length for the purpose of servicing the Research Services Building located at the Ohio Agricultural Research and Development Center; and

WHEREAS the electric service will serve only University property; and

WHEREAS the appropriate University offices have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

Upon motion of Ms. Casto, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**EASEMENT
COLUMBUS AND SOUTHERN OHIO ELECTRIC COMPANY**

Resolution No. 86-128

Synopsis: Authorization to grant an easement to the Columbus and Southern Ohio Electric Company for installation of electric service is requested.

WHEREAS the Columbus and Southern Ohio Electric Company has requested a 15-year easement consisting of a strip of land ten feet in width and approximately 280 feet in length for the installation of underground electric service at 150 West Tenth Avenue to service the Creative Living complex; and

WHEREAS the electric service will serve only University property under lease to Creative Living Housing Corporation; and

May 1, 1986 meeting, Board of Trustees

**EASEMENT
COLUMBUS AND SOUTHERN OHIO ELECTRIC COMPANY (contd)**

WHEREAS the appropriate University offices have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

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

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**EASEMENT
OHIO-AMERICAN WATER COMPANY**

Resolution No. 86-129

Synopsis: Renewal of a water main service easement to Ohio-American Water Company is proposed.

WHEREAS in 1970 the University granted to the Marion Water Company a 15-year easement consisting a strip of land 15 feet in width and approximately 1,035 feet in length for the purpose of maintaining a 12-inch water main; and

WHEREAS this easement has expired and Ohio-American Water Company has requested a renewal of the easement for a period of 15 years; and

WHEREAS the water main easement will serve both University property and others for which the University will receive a consideration based on the standard rate charged by the State of Ohio for easements of such a nature; and

WHEREAS the appropriate University offices have recommended the renewal of this easement:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

May 1, 1986 meeting, Board of Trustees

**EASEMENT
OHIO-AMERICAN WATER COMPANY (contd)**

Upon motion of Mr. Immke, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**EASEMENT
MARION COUNTY BOARD OF COMMISSIONERS
Resolution No. 86-130**

Synopsis: Renewal of storm sewer easement on the Marion Campus is proposed.

WHEREAS in 1970 the University granted to Unico Heights Land Company, Inc., a 15-year easement consisting of a strip of land 25 feet in width and approximately 527 feet in length for the purpose of maintaining a 66-inch storm sewer; and

WHEREAS this easement has expired and the Marion County Board of Commissioners has requested a renewal of the easement for continued maintenance of the storm sewer; and

WHEREAS this easement will serve both University property and others and the University will receive a consideration based on the standard rate charged by the State of Ohio for easements of such nature; and

WHEREAS the appropriate University offices have recommended the renewal of this easement:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

Upon motion of Mrs. Bowser, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**BUDGET GUIDELINES FOR 1986-87
Resolution No. 86-131**

President Jennings made the following statement:

It is with great optimism that I bring before you today budget guidelines for the 1986-87 fiscal

May 1, 1986 meeting, Board of Trustees

BUDGET GUIDELINES FOR 1986-87 (contd)

President Jennings: (contd)

year that, I believe, permit us to continue to enhance excellence at this University and, at the same time, continue to challenge us to effectively manage our resources.

In keeping with the planned budget cycle, I offer these guidelines for discussion today. Final approval of the operating budget is scheduled at the June Board meeting, for the fiscal year beginning July 1, 1986.

We are on a course toward establishing our position as one of the nation's premier educational institutions, and this year we have gained momentum toward reaching that goal. The 1985-86 fiscal year has seen a number of initiatives implemented by the State of Ohio and by the University that are significantly -- and favorably -- affecting Ohio State. Let me mention some of these efforts as exemplary of the climate of excellence that we are developing throughout our campuses today.

We are very fortunate that the State of Ohio has taken national leadership in the ambitious Selective Excellence Programs. In addition to contributing basic support through the instructional subsidy, the State has invested in Ohio's economic redevelopment and its future by committing public funds to the Research Challenge, Program Excellence, Academic Challenge, and Productivity Improvement Challenge grants. Through these programs, Ohio State will realize more than \$18 million during the 1985-87 biennium.

Academic excellence in Ohio is further enhanced by the Eminent Scholars Awards Program of the Ohio Board of Regents. This program improves our ability to attract additional internationally recognized scholars to our faculty. Three such scholars already have been brought to Ohio State under this program, with two additional searches in progress.

These State efforts enable this University to extend initiatives already begun in the last biennium with our own University resources. Beginning with three departments designated as Centers of Excellence in 1984-85, we now have a total of fourteen Columbus campus programs sharing

May 1, 1986 meeting, Board of Trustees

BUDGET GUIDELINES FOR 1986-87 (contd)

President Jennings: (contd)

special funds from University resources, and the \$4.2 million Academic Challenge Grant through 1986-87. In addition, the four regional campuses and the Agricultural Technical Institute have received State entitlements to enhance selected programs on their campuses.

We also are, as you well know, in the midst of an enormous campaign to increase the level of support for the University from private and corporate gifts. This week, we kicked off that portion of the campaign involving our faculty, staff, and students. The progress already made toward our ambitious \$350 million goal is very encouraging.

Correspondingly, our faculty continue to build upon their abilities to further increase the amounts of sponsored research dollars from governmental, as well as private sectors. Enhancing their efforts is the \$12.9 million Research Challenge grant from the State and our own resources that we hope will stimulate additional external research funds.

However, there is still more that we can do. Continuing efforts are being made within the University to assure the effective use of all resources to support teaching, research, and related service activities. The guidelines I am recommending today are consistent with these efforts. They have been developed after consultation with the Fiscal Committee and the Faculty Compensation and Benefits Committee of University Senate.

In the current biennium, the process of selective internal reallocations is being continued. Each dean and vice president is again being asked to redirect 2.5 percent of their resources by reducing and eliminating expenditures on low priority, inefficient, or duplicative activities. This has provided \$8.1 million in redirected resources which will be used to support our emphasis on excellence, as well as new and emerging needs throughout the University. Reallocations, and continuing cost containment efforts, enable Ohio State to maintain its forward momentum while allowing us to maintain accessibility by avoiding tuition increases.

May 1, 1986 meeting, Board of Trustees

BUDGET GUIDELINES FOR 1986-87 (contd)

President Jennings: (contd)

As I pledged last year, if the State maintained the funding level being considered in the budget proposals, Ohio State would not increase student tuition in the second year of the biennium. The State has done its part. Therefore, we will meet our commitment to accessibility by recommending no student tuition increases for 1986-87.

In light of tuition increases nationally that are averaging more than seven percent, Ohio State's zero increase will significantly enhance accessibility. Even more important, holding the line on tuition will directly assist students who face uncertainties in federal student financial aid.

In addition, I am recommending that the average increase in all University rates and charges not exceed four percent. It is my intent that even with this guideline, the actual average increase will be significantly less than four percent, as a result of the success of cost containment efforts within our earnings units.

One indication of this is the three percent rate increase request submitted by our Residence and Dining Halls. This is significantly below the national average increase in residence hall fees of five percent. Accompanying this rate increase is my recommendation that Ohio State again provide funds to maintain the purchasing power of University-funded student financial aid.

A major factor in building excellence is maintaining and improving our competitive position on salaries with other major universities. On salary and wage increases, I am today recommending guidelines of three percent for faculty and staff and providing an additional three percent in salary budgets for merit increases. Additionally, central funds of up to one-half percent of salary budgets are recommended for promotions, and equity and excellence adjustments. Staff members who are part of an exclusive bargaining unit shall receive salary increases as specified in the appropriate labor agreement.

In support of the faculty and staff and of our comprehensive programs, I am further recommending an increase of 5.5 percent for equipment and

May 1, 1986 meeting, Board of Trustees

BUDGET GUIDELINES FOR 1986-87 (contd)

President Jennings: (contd)

supplies. This continues our emphasis on keeping these necessary support budgets at reasonable levels.

As I told the University Senate last fall, no University has ever become great, or maintained its greatness, without continued attention to the needs of its central academic core in the libraries. Our libraries must keep pace with the demands of the faculty, and the needs of our students, by continually updating their collection and improving the scope of their resources. This same philosophy holds for the equipment we use to instruct our students and to perform research; and for the facilities in which these activities are conducted.

To this end, I am recommending one-time funds of \$5.8 million beyond normal budgets for the acquisition of new library holdings, equipment, and needed renovations. These university funds -- plus the instructional equipment and computing funding of \$9.5 million which was included in the recently approved capital appropriations bill -- will help us continue to modernize the equipment and computers used in instruction and research. This is a vital investment in the future that will insure that our faculty and students have the most modern equipment and facilities available to support their academic efforts.

Our over-riding goal -- that we maintain an ever higher standard of excellence in instruction -- becomes even more imperative with the continuing improvement in the quality of our undergraduate students. This process has begun as a result of our move to conditional admissions, and will intensify under selective admissions. Our students are better prepared for us, and our challenge is to be fully prepared for them and the new demands they will present. I am, therefore, recommending that from monies reallocated from the various offices that serve the academic mission, a total of \$1.8 million be committed to support excellence in undergraduate instruction.

In sum, as part of our self-help commitment through internal reallocations -- along with the new Selective Excellence funding -- these recommendations for the 1986-87 budget include a

May 1, 1986 meeting, Board of Trustees

BUDGET GUIDELINES FOR 1986-87 (contd)

President Jennings: (contd)

total of \$38.5 million for enhancements to excellence. This level of excellence funding will provide us with a unique opportunity to initiate new directions which will influence the future of Ohio State into the next century.

Further, the academic excellence funding from the State, along with our internal reallocations, provide a basis for strength as we approach potential donors nationwide to participate in our private fund-raising campaign.

As I said last fall, "We are fortunate at Ohio State that our institutional funds are available to be spent flexibly, as priorities change and new needs arise....Our financial flexibility allows us to manage our own destiny. Throughout the University, it is goals and priorities -- not artificial and arbitrary categories -- that must guide our spending decisions."

While I have faith that the decisions made throughout this University will result in these resources being effectively used to further improve the quality of instruction, research, and related service, we must continue to challenge ourselves to also make maximum use of the fiscal flexibility available to us.

Increased efforts are being put in place throughout this University to strengthen our management of resources at all levels, and to insure that the most effective use is made of all available resources. During the next several months, we will be setting into motion initiatives that will further enhance cost containment activities throughout the University. Excellence in the management of the University resources must be enhanced. Along with our efforts to achieve excellence in instruction, research, and related service.

The 1986-87 University budget we will present for your approval in June will be in accordance with these guidelines. It will reflect our commitment to emphasizing the twin goals of excellence and accessibility -- while maintaining the comprehensive diversity of a great University that we are continuing to work together, to make even better for the future.

May 1, 1986 meeting, Board of Trustees

BUDGET GUIDELINES FOR 1986-87 (contd)

President Jennings: (contd)

Thank you, Mr. Chairman. I will be happy to respond to your questions.

Mr. Galbreath:

The floor is open for discussion and any questions. Thank you, Ed. I would certainly like to take this opportunity to commend you and your staff at the University for coming in with such a responsible--in my mind--budget, which clearly keeps our promise of maintaining current tuition levels. Isn't this the first time in a while that you have been able to do that?

President Jennings:

First time in a while--although you will recall in December 1981, we actually reduced tuition by twenty-five dollars per quarter. So, this is the first time, since that time, that we have come in with a zero tuition increase--reflecting state support and our reallocations.

Mr. Galbreath:

I think that it might be good for all of us, when we see our various congressmen and legislators, to take the opportunity to remind them that we kept our promise. Thank you. Are there any further questions?

President Jennings:

And I might add, that that makes the tuition increases roughly half the rate increase that was assumed in the biennium budget that was passed in the General Assembly. So, it is a result of both the General Assembly and our internal reallocations, but we can do better with our math.

Mr. Galbreath:

Is that a promise?

President Jennings:

That's a promise.

Mr. Galbreath:

Thank you. Any further comments?

May 1, 1986 meeting, Board of Trustees

BUDGET GUIDELINES FOR 1986-87 (contd)

Upon motion of Mr. Immke, seconded by Mr. Teaforde, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**EXPRESSION OF APPRECIATION TO
DEAN W. JEFFERS**

Resolution No. 86-132

WHEREAS Dean W. Jeffers has distinguished himself as a leader in the insurance industry through service spanning a period of 41 years, culminating his career as General Chairman and Chief Executive Officer of Nationwide Corporation (1972-1981) until his retirement; and

WHEREAS Dean Jeffers has, over the period of his life, served his community in numerous public and professional capacities, and has provided exemplary leadership in a number of roles; and

WHEREAS Dean Jeffers has served as a member of the University Hospitals Board from its inception in 1980 to 1986; and

WHEREAS by example of his leadership and a combination of rare and unusual human qualities -- extraordinary sensitivity, commitment to excellence, outstanding ability to motivate others, and a continuing concern for the betterment of all -- his many contributions to strengthen and enhance The Ohio State University Hospitals have been recognized by many:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees of The Ohio State University wishes to express its thanks to Dean Jeffers for his six years of work on the Hospitals Board and to commend him for his dedication to the University community as exemplified by such service.

Upon motion of Mrs. Bowser, seconded by Mr. Teaforde, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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APPRECIATION TO JOHN F. HAVENS

President Jennings made the following statement:

Mr. Chairman, I will not be quite as formal and seek a resolution for fear that it might be voted

May 1, 1986 meeting, Board of Trustees

APPRECIATION TO JOHN F. HAVENS (contd)

President Jennings: (contd)

down. We have two more weeks of utilizing the services of Jack Havens on the Board of Trustees at this institution, although, I am pleased to see that the Board voted to keep you in the family by putting you on the Hospitals Board. But on behalf of Ohio State, I want to express our deep and abiding appreciation and thanks for the great service that you have rendered to Ohio State--the great service above and beyond the call of duty.

There is absolutely no question that Ohio State University will be the lesser for your leaving and we appreciate that a great deal. I want to present you with a small token of our appreciation from all of the Ohio State family, so perhaps you can remember your years here. I will add, that depending on who you are talking to, the greatest service you did was chairing the search committee for the president--from my point of view. Jack, thank you very much for your dedication to our great university.

President Jennings presented Mr. Havens with a gavel inscribed as follows in recognition of outstanding service as a member and chairman of the Board of Trustees:

JOHN F. HAVENS

in appreciation of his service

to the Board of Trustees of

The Ohio State University

Member 1977-1986

Chairman 1985-1986

Mr. Havens:

Thank you, Mr. President.

Mr. Galbreath made the following statement:

Jack, so that you don't have to make two acceptance speeches, I'd like to just, as a long-time friend, make a comment or two.

APPRECIATION TO JOHN F. HAVENS (contd)

Mr. Galbreath: (contd)

Many of you might be surprised to know that Jack is quite a bit older than I am, but the facts are that we have been friends since high school. And, I think from my perspective as a Board member, it is rather interesting to review some of the highlights that he has experienced throughout his term on this Board. I think as a Trustee you obviously are much closer to the University than you can ever possibly be in any other capacity--other than being a part of the actual family of theirs. We might feel our job has been more important and we have made greater decisions than other boards have, which I recognize isn't the case.

But there have been various significant changes, Jack, and I think you contributed very importantly to them--not the least of which is the initiation and implementation of the Medical Practice Plan. We all know that that has raised a few bumps around the campus and on ourselves, but we are clearly a better University and Hospital operation since that. Perhaps not much less significant is the reorganization of the OARDC and bringing that under the University's wing. That, too, is a long tradition and some very strong sentiments were involved in that. Your support and leadership there, I think, was extremely important.

Not certainly to be overlooked is the fact that we had two major sports with two new coaches, and both Earle and now Gary are on board and those are always traumatic--regardless of how it happens. But clearly, I think, the most significant--you have already touched on this, Ed--and that was not only did he serve on the search committee for a new president, but has worked with you during these times. I think those are pretty significant changes that go over a long tradition of Ohio State University. You say the University will be the poorer without him serving, and I agree on that, but clearly the University is much richer for having you serve, Jack. It has been a pleasure to be with you and I am glad that you are going to stay with us on the Hospitals Board.

I want to add my congratulations for your tremendous work.

May 1, 1986 meeting, Board of Trustees

APPRECIATION TO JOHN F. HAVENS (contd)

Mr. Havens:

Thank you very much. Thank you, Dan. Now, you people know very well that you're not going to get a speech out of me. Thank you very much. I've had a great time and I will look forward to going over and working for Mr. Covert and Dr. Tzagournis over there someplace. The meeting is adjourned if there is nothing else to come before us. Thank you.

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REPORT - UNIVERSITY DEVELOPMENT FUND

Resolution No. 86-133

RESOLVED, That the report on the University's Campaign as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 86-134

RESOLVED, That the report on the University's Investment Portfolio, dated April 18, 1986, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Tuesday, June 10, 1986, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 6:30 p.m.

Attest:

Madison H. Scott
Secretary

John F. Havens
Chairman

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APPENDIX IV
Degrees Conferred at
THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION
June 13, 1986

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Commencement Speaker

Leslie H. Wexner **Doctor of Humanities**

Leslie H. Wexner is the founder, president, and chairman of the board of The Limited, Incorporated, —the nation's largest women's specialty apparel retailer with more than 2,400 stores and sales of more than \$2.4 billion in 1985. Wexner earned a bachelor's degree in business administration from Ohio State in 1959 and studied law at the University for two years. He began The Limited in 1963 with one store, located in Columbus' Kingsdale Shopping Center.

An active and loyal alumnus of Ohio State, Wexner serves as chair of the board of directors of The Ohio State University Foundation, a group of prominent alumni and friends of the University that oversee major private fund-raising activities. Wexner provided significant early impetus to the University's current \$350 million private fund-raising campaign last autumn when he announced his gift of \$10 million to his alma mater—the largest gift ever received from a living individual. The gift is in support of the widely acclaimed Ohio State University Center for the Visual Arts. The \$26 million facility will be known as "The Wexner Center for the Visual Arts," dedicated to the memory of Wexner's late father, Harry L. Wexner. Leslie Wexner is also a member of The Presidents Club and the College of Business Advisory Council.

A long-time patron of the arts, Wexner is a trustee of the Whitney Museum of American Art, the Columbus Symphony Orchestra, and the Columbus Museum of Art. He is a director of Banc One Corporation and a director and member of the executive committee of Sotheby's Holdings Inc. A champion of his hometown of Columbus, he has been extremely active in promoting the growth and economic vitality of this community. He is a trustee of the Capital South Community Urban Redevelopment Corporation. He also is active in local and national Jewish organizations, serving on the executive committee of the Columbus Jewish Federation; as vice-chairman and trustee of Agudas Achim Synagogue; and as national vice-chairman of the United Jewish Appeal and co-chairman of its international committee.

The Ohio State University is proud to count him among its distinguished alumni and to honor him today for his achievements, as well as for his vision of the future.

Recipients of Honors

Berenice Abbott **Doctor of Humane Letters**

Berenice Abbott is recognized internationally as one of the leading American photographers of the twentieth century. Born in Springfield, Ohio, she graduated from high school in Cleveland and attended Ohio State for a brief period in 1917-18. She left Ohio State for New York and then on to Paris and Berlin to study photography. After serving as an assistant to photographer Man Ray, she opened her first photo studio in Paris in 1926. During her years in Paris, she photographed many of the most notable artistic and political figures of the era. She also began her efforts to preserve the work of the French photographer Eugene Atget.

Returning to New York in 1929, Abbott began to document the city's people, architecture, and other aspects of its life. Supported in part by the Federal Arts Project of the Works Progress Administration in 1935-38, this work led to a book, *Changing New York*, that has been hailed as the premier photographic record of New York in the 1930s. (Thirteen prints from this series are held in the permanent art collection at Ohio State.) Later in her career, Abbott's interest in scientific phenomena led her to photographically illustrate a wide variety of scientific principles such as magnetism, motion, and gravity. This body of work added to her already substantial acclaim.

While continuing her work as a photographer, Abbott has been an active teacher and has written books and articles ranging from artistic criticism to explanation of photographic techniques. She has received many honors, including the distinction of being the first photographer to be inducted as a member of the American Academy and Institute of Arts and Letters.

Abbott has been hailed by historians as well as admirers for her efforts to document the great changes that have occurred in society during her lifetime. That documentation has resulted in a priceless and timeless legacy for future generations. The Ohio State University is proud to recognize the distinguished career of this extremely talented artist.

Charles W. Fries **Doctor of Arts**

During his career of more than 30 years in television and film, Charles W. Fries of Cincinnati has acquired a reputation as a man of great skill and sensitivity. After receiving a bachelor's degree in business from Ohio State in 1950, he joined the financial operations area of a production company. He quickly moved into production, eventually holding top positions at Screen Gems, Columbia Pictures, and Metromedia Producers Corporation. In 1974, he founded his independent company, Fries Entertainment, Inc., which has multiple interests in the production and distribution of films for television and the theatre.

Fries has produced more than 75 films for television, many dealing with issues of national importance. A sampling of such productions includes *Intimate Strangers* (1977), about spousal abuse; *A Cry for Love* (1980), dealing with pill addiction; and *Bitter Harvest* (1981), dramatizing the chemical poisoning of farmlands. He also has brought about film biographies of Louis Armstrong, Francis Gary Powers, the Wright Brothers, Humphrey Bogart, and Medgar Evers. Miniseries developed under his supervision have included *The Martian Chronicles*, *The Word*, and *The Trial of Lee Harvey Oswald*.

Fries is also active in the promotion of quality and responsibility in entertainment. He is past chairman and presently a member of the Steering Committee of the Caucus of Producers, Writers and Directors, a group that attempts to make film and television more responsive to social issues. Fries has also been a member of the board of governors and executive committee of the Academy of Television Arts and Sciences.

Fries has devoted time and energy to charitable and service organizations including the City of Hope Hospital, the Fund for Higher Education, the NAACP, the Neighbors of Watts, the National Conference of Christians and Jews, and the InterAgency Council on Child Abuse and Neglect.

Currently, Fries serves on the advisory committee of the Department of Photography and Cinema at Ohio State. The University is proud to honor this creative and influential alumnus.

Recipients of Honors

Donald E. Osterbrock Doctor of Science

Cincinnati native Donald E. Osterbrock is regarded as one of the world's great astronomers. His research and observations on several important areas of astronomy and astrophysics have had a lasting and far-reaching influence on the field. Osterbrock has come to be regarded as a leading expert on gaseous nebulae and active galactic nuclei. Several of his books and articles have become standard references, used widely in graduate courses and by researchers around the world. He has also written books and articles on the history of astronomy, including two biographies of important early astronomers.

Osterbrock received his undergraduate and Ph.D. degrees at the University of Chicago. He has been an astronomer and faculty member at Princeton University, the California Institute of Technology, the University of Wisconsin, and since 1973 at the University of California at Santa Cruz, where he also served as director of the Lick Observatory until 1981. He has been a visiting faculty member at the University of Minnesota and at Ohio State, and twice has received Guggenheim Fellowships to the Institute for Advanced Study at Princeton.

Osterbrock's honors include his election to the National Academy of Sciences, the American Academy of Arts and Sciences, and the Royal Astronomical Society. He has also held leadership positions in professional organizations, including service as president of the International Astronomical Union Commission 34 on Interstellar Matter and Planetary Nebulae, chairman of the National Academy of Sciences Section of Astronomy, and chairman of the University Research Association Astronomy Committee.

Beyond his professional interests, he is a member of the Nature Conservancy, the National Wildlife Federation, and the Santa Cruz Bird Club.

Osterbrock has had a strong interest in Ohio State for many years, and has visited on several occasions to lecture and to work with faculty and graduate students. The University is very pleased to honor this distinguished teacher and scholar.

Richard P. Anderson Distinguished Service Award

Richard P. Anderson of Maumee is managing partner of The Andersons, an agribusiness partnership with gross sales exceeding \$1 billion annually. For more than 35 years, the firm has generously supported Ohio State's College of Agriculture and its related units—the Ohio Agricultural Research and Development Center (OARDC), the Ohio Cooperative Extension Service, and the Agricultural Technical Institute. This support has included substantial monetary contributions as well as scholarships, internships, and access to company records for student research.

In 1965, the Andersons established the Andersons Agricultural Research Fund with a major gift to the University. Since that time, income from the gift has provided the resources for a grain-quality research project of national proportions. In 1975, The Andersons enabled the University to become a Community Partner in the firm and to share in its profits. In recognition of this generosity, Anderson is a member of The Presidents Club and The Presidents Council—Ohio State's major donor recognition organizations. He is a member of the National Campaign Committee for the current Ohio State University Campaign.

Anderson has also expended vast amounts of time and energy on behalf of the University. He has served two terms as chairperson of the OARDC Support Council, which encourages increased budgetary support from state and federal governments. Anderson has led a delegation of council members to the Statehouse in Columbus and to Washington, D.C. for the past six years. He has also made the expertise of many other people in his company available to serve on college advisory committees.

Anderson is an active business and civic leader. His board memberships include the Toledo Edison Company, St. Luke's Hospital, Lucas County Children Services, the Toledo Museum of Art, and the Ohio Chamber of Commerce. Anderson received a bachelor of science degree in agriculture, magna cum laude, from Michigan State University in 1953. Three of his sons have graduated from Ohio State.

The Ohio State University proudly honors this dedicated and generous individual with the Distinguished Service Award.

The Graduate School

Dean: Roy A. Koenigsnecht

Doctor of Musical Arts

Chia-Huei Ai, Chia-Yi, R.O.C.; B.A. (Tunghai University); M.A. (Eastern Illinois University); *Music*
Dr. Richard Tetley-Kardos

Rocky James Reuter, Platteville, WI; B.F. (University of Wisconsin); M.M.E. (James Madison University); *Music*
Dr. Gregory Proctor

Richard Jordan Smoot, Columbus; B.A., M.Mus.; *Music*
Dr. Thomas Wells

Doctor of Philosophy

Mohamed Yasser Abdalla, Alexandria, Egypt; B.Sc. (University of Alexandria); M.Sc. (University of California at Davis); *Plant Pathology*
Dr. Landon H. Rhodes

Mary Christine Anderson, Cincinnati; A.B. (Kenyon College); M.A.; *History*
Dr. Leila J. Rupp

Steve L. Arahamian, Brookfield, WI; B.S. (University of Wisconsin-Madison); *Chemistry*
Dr. Harold Shechter

Sherif Fatthy Ayoub, Cairo, Egypt; B.Sc., M.S. (Cairo University); M.S.; *Civil Engineering*
Dr. Ranbir S. Sandhu

Patti Rudin Baker, Mt. Vernon; B.A. (Mount Vernon Nazarene College); M.A.; *Education*
Dr. John C. Beland

Barbara Jean Balog, Broadview Heights; B.S.; M.S. (Indiana State University); *Communication*
Dr. Jack E. Douglas

Thomas Anthony Bamford, Horseheads, NY; B.S. (Rensselaer Polytechnic Institute); M.S.; *Metallurgical Engineering*
Dr. William A. Clark

Sharat Batra, Columbus; B.Sc. (Kanpur University); M.Sc. (Indian Institute of Technology, Kanpur); *Physics*
Dr. Philip E. Wigen

Wolfgang Baumgärtner, Giessen, West Germany; Doktor (Justus-Liebig University); *Veterinary Pathobiology*
Dr. Steven Krakowka

James Ross Beatty, Roswell, GA; B.S., M.S. (Auburn University); *Engineering Mechanics*
Dr. Sunder H. Advani

Ellen Dennison Beck, Dayton; A.B., M.A. (Miami University); *Education*
Dr. William D. Dowling

Philip Duane Beckley, Columbus; B.S. All'd Hlth. Prof., M.S.; *Physiology*
Dr. Kenneth M. Hanson

Albert Emilio Blanco, Columbus; B.A. (Ball State University); M.A. (Columbia University); *Health, Physical Education and Recreation*
Dr. Daryl Siedentop

Timothy W. Bischoff, Hilliard; B.S., M.S.; *Plant Pathology*
Dr. Michael O. Garraway

Victoria Grubb Blubaugh, Mt. Vernon; B.S. (Kent State University); M.A. (University of North Carolina); *Psychology*
Dr. David Hammer

Joanne Danielle Blum, Columbus; B.A. (Ohio University); M.A.; *English*
Dr. James Phelan

Sirinmit Boonyuen, Bangkok, Thailand; B.S. (Chulalongkorn University); M.S. (Ohio University); *Environmental Biology*
Dr. Charles E. Herdendorf III

Richard Riese Brand, Dayton; B.S. (Miami University); M.B.A.; *Business Administration*
Dr. John R. Grabner

Sandra G. Bricker, Westerville, B.A. (Transylvania University); M.A.; *Education*
Dr. Ayres G. D'Costa

Gary Ray Brodowicz, Columbus; B.S.Ed. (University of Michigan); M.A. (Wake Forest University); *Health, Physical Education and Recreation*
Dr. David R. Lamb

Dowlat Ram Budhrum, Leonora, Demerara, Guyana; B.Sc. (University of Guyana); M.Sc. (University of Reading); *Agricultural Economics and Rural Sociology*
Dr. Norman Rask

Shan Carver Bumgarner, Dublin; B.A., M.A.; *Health, Physical Education and Recreation*
Dr. Charles Mand

Gary Luther Callahan, Springfield; B.Mus.Ed. (Wittenberg University); M.Mus. (The University of Michigan); *Music*
Dr. A. Peter Costanza

Robert Alan Carpenter, Columbus; B.Mus.Ed., M.A.; *Music*
Dr. Jere L. Forsythe

Mohammad Aifa Chado, Niger State, Nigeria; B.S., M.Ed. (Ohio University); *Health, Physical Education and Recreation*
Dr. Robert L. Bartels

Salwarun Chawanchitsiri, Bangkok, Thailand; B.Sc. (Kasetsart University); M.S.; *Food Science and Nutrition*
Dr. John L. Blaisdell

Appavu Chandrasekaran, Tamil Nadu, India; B.Sc., M.Sc. (University of Madras); M.S. (University of Houston); *Pharmacy*
Dr. Larry W. Robertson

Yin Chang, Tsoying, R.O.C.; B.S. (Chung Yuan University); M.S.; *Bio-Medical Engineering*
Dr. Richard M. Campbell

Kwo-Shyong Chen, Hwaiien, R.O.C. B.S.M.E., M.S.M.E. (National Tsinghua University); *Engineering Mechanics*
Dr. Sunder Advani

Shlow-Meel Chen, Taipei, R.O.C.; B.S. (National Chung-Hsing University); M.S. (Kent State University); *Chemistry*
Dr. Alan Marshall

Yao-Jung Chen, Yuanlin, R.O.C.; B.S. (National Chung-Hsing University); *Chemistry*
Dr. Jack Hine

Marilyn Mei-Ying Chi, Tainan, R.O.C.; B.A. (National Chengchi University); M.A.; *Education*
Dr. Johanna S. Destefano

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John Franklin Wendt, Columbus; B.S. (Florida Institute of Technology); *Business Administration*

Bradley Allan West, Elyria; B.S. (Miami University); *Business Administration*

Derek Raymond West, Bucyrus; B.A. (University of Akron); *Business Administration*

Linda Ann Whitcomb, Columbus; B.A. (Miami University); *Business Administration*

Robert Peter Wickert, Buffalo, NY; B.S. (State University of New York at Buffalo); *Business Administration*

Paul Lance Wilkin, Bowling Green; B.S.Bus.Adm. (Bowling Green State University); *Business Administration*

Jimmy Bermjo Williams, Laguna, Philippines; B.S. (University of the Philippines); M.A. (Massey University); M.S. (Oxford University); *Business Administration*

Hans Eric Yeager, Spring Valley; B.S.M.E.; *Business Administration*

James Edward Yuhas, Brooklyn; B.S.Bus.Adm. (John Carroll University); *Business Administration*

John Zabitski, Buffalo, NY; B.A. (Cornell University); *Business Administration*

Victoria R. Zubal, Parma; B.A. (University of Toronto); *Business Administration*

Richard Joseph Zumpone, Columbus; B.A. (University of Dayton); *Business Administration*

Master of City and Regional Planning

Adetunji Okudotun Adebogun, Ibadan, Nigeria; B.A. (University of Wisconsin); *City and Regional Planning*

Joyce Ellen Bushman, Massillon; B.A.; *City and Regional Planning*

Terry Scott Cullen, Windsor, Ontario, Canada; B.A. (University of Windsor); *City and Regional Planning*

Matthew Dease, Sumter, SC; B.A. (Benedict College); *City and Regional Planning*

Kimberly Sue Devlin, Bellbrook; B.S.Arch.; *City and Regional Planning*

Mohamed Abdelwahed Elwakil, Cairo, Egypt; B.Sc., Diploma (Cairo University); *City and Regional Planning*

Amy Bernice Feagans, Carmichael, CA; B.S. (University of California at Davis); *City and Regional Planning*

Jeffrey Paul Johnson, Omaha, NE; B.A. (Creighton University); *City and Regional Planning*

Silvina Isabel Kade, Toronto, Ontario, Canada; B.A. (Queen's University); *City and Regional Planning*

Lorrie Elvira Kirst, Mt. Vernon, IL; B.A. (Valparaiso University); *City and Regional Planning*

Jungsoon Lee, Seoul, South Korea; B.A. (Ewha Woman's University); *City and Regional Planning*

David Bowman Moon, Branford, CT; B.A. (Valparaiso University); *City and Regional Planning*

Alan Paul Rezoski, Windsor, Ontario, Canada; B.A. (University of Windsor); *City and Regional Planning*

William F. Salisbury, Glastonbury, CT; B.S. (University of Connecticut); *City and Regional Planning*

Steven Dale Scheer, North Olmsted; B.A. (Miami University); *City and Regional Planning*

Lisa Marie Striebich, Cincinnati; B.A. (Miami University); *City and Regional Planning*

Ihsan Zainal-Mokhtar, Kuala Lumpur, Malaysia; B.S.C. (Indiana University); *City and Regional Planning*

Maria Cecilia Zanetta, Buenos Aires, Argentina; M.A. (National University of Buenos Aires); *City and Regional Planning*

Master of Fine Arts

Jonathan David Grober, Columbus; B.F.A. (Indiana University); *Art*

Ruth Anne Hering, New Windsor, NY; B.S. (Ithaca College); *Theatre*

Tamara Rose Jaeger, Columbus; B.A. (Sarah Lawrence College); *Art*

Ralph E. Kerr, Middletown; B.A. (Montana State University); *Theatre*

Jung Hae Kim, Seoul, South Korea; B.A., M.A. (Ewha Woman's University); *Art*

John Martin Kutney, Montoursville, PA; B.A. (Lycoming College); *Theatre*

Karen Strout Lewis, Lyme, NH; B.A. (The University of New Hampshire); *Theatre*

Sandra Rena Lovelady, Houston, TX; B.A. (Prairie View A & M University); *Theatre*

Craig Milton McDaniel, Columbus; B.S. (University of Pennsylvania); M.F.A. (University of Montana); M.S. (Drexel University); *Art*

Linda Jean Meyers, Columbus; B.F.A. (University of Cincinnati); *Art*

Stephanie Ann Wliger, Cedarburg, WI; B.F.A. (University of Wisconsin); *Art*

Deirdre Davies Zehnder, Mansfield; B.F.A.; *Art*

Master of Health Administration

Marlys Faye Baumann, Cleveland; B.S. (Baldwin-Wallace College); *Hospital and Health Services Administration*

Nell Jay Bright, Mount Vernon; B.S.; M.Rel.Ed., M.Div., M.A. (Methodist Theological School); *Hospital and Health Services Administration*

Burk Joel Dehority, Wooster, B.S. (Bowling Green State University); *Hospital and Health Services Administration*

Heather Leah Doukakakis, Columbus; B.A. (Wittenberg University); *Hospital and Health Services Administration*

David Alan Dyckes, Columbus; B.S.L.H.R.; *Hospital and Health Services Administration*

Charles T. Ferguson, Pittsburgh, PA; B.A. (Wittenberg University); *Hospital and Health Services Administration*

Julia Anne Fournier, Farmington Hills, MI; B.S., B.S. (Eastern Michigan University); *Hospital and Health Services Administration*

Donald Louis Glasser II, Akron; B.A. (DePauw University); *Hospital and Health Services Administration*

Robert Paul Herrick, Toronto; B.S.; *Hospital and Health Services Administration*

Jodi Lynn Holman, Leavenworth, KS; B.S. (Michigan State University); *Hospital and Health Services Administration*

Richard Darren Johnson, Wilmington; B.S.Bus.Ad.; *Hospital and Health Services Administration*

Patricia Ann McCoy, Dayton; B.S. (Western Kentucky University); *Hospital and Health Services Administration*

Donald L. Miller, Sylvania; B.S. (Indiana University); *Hospital and Health Services Administration*

Richard Joseph Miller, Cincinnati, B.A. (University of Cincinnati); *Hospital and Health Services Administration*

Deana L. Nelson, Cortland; B.S. (Bowling Green State University); *Hospital and Health Services Administration*

Lynne Mary Norris, Ashtabula; B.S.Bus.Ad.; *Hospital and Health Services Administration*

Anne Marie Olsen, Dayton; B.S. (Miami University); *Hospital and Health Services Administration*

Diane Newman Plumb, Columbus; B.A. (Ohio Wesleyan University); *Hospital and Health Services Administration*

Laura Beth Scheiderer, Columbus; B.S.Alt.d.Hlth.Prof.; *Hospital and Health Services Administration*

Jamie Marie Warndahl, St. Paul, MN; B.A. (Hamline University); *Hospital and Health Services Administration*

Lisa Michelle Wellner, Silver Spring, MD; B.A. (University of Virginia); *Hospital and Health Services Administration*

Catherine Ann Zavatsky, Steubenville; B.S.Bus.Ad.; *Hospital and Health Services Administration*

Master of Labor and Human Resources

Kyle Richard Dover, Columbus; B.S.Ed.; *Labor and Human Resources*

Un-Ki Jeon, Seoul, South Korea; B.A. (Korea University); M.A. (Seoul National University); *Labor and Human Resources*

Robert Martinez, Reynoldsburg; B.A. (University of Steubenville); J.D.; *Labor and Human Resources*

Caren Nitschke, Worthington; B.A. (DePauw University); *Labor and Human Resources*

Miriam Jones Schenkenberger, Massillon; B.A. (University of Toledo); *Labor and Human Resources*

Vincent Anthony Vaccaro, Tampa, FL; B.S. (Washington University); M.B.A. (Golden Gate University); *Labor and Human Resources*

Master of Landscape Architecture

Anita Anne Ruiz, Columbus, B.A. (University of Maryland); *Landscape Architecture*

Gall Christine Zink, East Lansing, MI; B.S. (Central Michigan University); A.S. (Lansing Community College); *Landscape Architecture*

Master of Liberal Studies

Allison Jean Bennett, Middletown; B.A. (Miami University); *Liberal Studies*

Master of Music

Robert C. Angell, Columbus; B.Mus., M.A.; *Music*

Samuel McClain Cliff, Huntington, WV; B.Mus.Ed. (Marshall University); *Music*

Robert Harris Crawford, Louisville, KY; B.A. (The College of Wooster); *Music*

Jeffery Wayne Long, Morristown, IN; B.S. (Ball State University); *Music*

Donald Scott Nathan, Columbus; B.Mus.Ed.; *Music*

Julia Marie Nathan, Columbus; B.Mus.Ed.; *Music*

Master of Public Administration

Margaret Celia Allen, Bowling Green; B.A. (Bowling Green State University); *Public Administration*

Darryl Lee Anderson, Killbuck; B.A.; *Public Administration*

Susan Filer Ballinger, Columbus; B.A.; *Public Administration*

Felicia Bernardini, Cincinnati; B.S.; *Public Administration*

Maria Colette Caprio, Columbus; B.A. (Kenyon College); *Public Administration*

Nivedita Chakraborty, Calcutta, India; B.A. (The College of Wooster); *Public Administration*

Bruce Gregory Clement, Cincinnati; B.A. (Xavier University); *Public Administration*

Thomas Paul Hetrick, Defiance; B.A. (The College of Wooster); *Public Administration*

Richard Charles Hicks, Canton; B.S. (Ohio University); *Public Administration*

Howard Jiro Ishiyama, Parma; B.S. (Bowling Green State University); *Public Administration*

Fredde Lee Johnson, Hollandale, MS; B.A. (Jackson State University); *Public Administration*

Cheryl Lynn Lovely, Baton Rouge, LA; B.A. (Southern University); *Public Administration*

Lionel Dale Lyons, Enfield, NC; B.A. (North Carolina A & T State University); *Public Administration*

Stephen Ralph Miller, Lima; B.A. (Ohio Northern University); *Public Administration*

Egdlilio J. Morales, Cleveland; A.B. (Xavier University); *Public Administration*

Cheri Lee Petridge, Independence; B.A. (Saint Mary's College); *Public Administration*

Mark Charles Petrucci, Worthington; B.A.; *Public Administration*

Sarah Diane Purdum, Pepper Pike; B.A. (The College of Wooster); *Public Administration*

Michael Edward Putnam, Granville; B.A. (Kenyon College); *Public Administration*

Francis Collins Rack, Columbus; B.A.; *Public Administration*

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David James Randall, Youngstown; B.S. (Case Western Reserve University); *Public Administration*

Roy Frederick Rauschenberg, Athens; B.S. (Ohio University); *Public Administration*

Mark Thomas Rizzutti, Urbana; B.A.; *Public Administration*

Mary Ann Roach, Columbus; B.A. (Ohio Northern University); *Public Administration*

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Brian Edward Simms, Westerville; B.A.; *Public Administration*

Michael A. Spino, Columbus; B.F.A.; *Public Administration*

Cheryl Lynne Taylor, Upper Marlboro, MD; B.S. (Morgan State University); *Public Administration*

Bradley Clement Vath, Mundelein, IL; B.S. (Bradley University); *Public Administration*

Deborah Gavlik Zadai, West Mifflin, PA; B.A. (University of Pittsburgh); *Public Administration*

Master of Science

Maqsood Ahmad, Lahore, Punjab, Pakistan; B.S.W.E.; *Welding Engineering*

Jose Ignacio Alarcon-Mendez, Mexico; B.S. (Instituto Politecnico Nacional); *Mathematics*

Michelle M. Albers, Columbus; B.A.; *Home Economics*

Gaelid Ali Al-Qahtani, Columbus; B.S. (King Saud University); *Agricultural Economics and Rural Sociology*

Joel John Anderson, Cincinnati; B.S.Nat.Res.; *Natural Resources*

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Mary Ellen Ayers, Celina; B.S. (University of South Carolina); *Chemistry*

Abdolreza Baharlou, Columbus; B.S. (State University of New York); *Mechanical Engineering*

Jonathan Edward Baniak, Saratoga Springs, NY; B.S. (University of Dayton); *Mathematics*

Chris Philip Bardos, Warren, B.S.Agr.; *Agricultural Economics and Rural Sociology*

Karen Lynn Basinger, Marion, B.S. (Bowling Green State University); *Industrial and Systems Engineering*

Gregory John Bergmann, Marion, B.S.Aud.Rec.; *Electrical Engineering*

Heidi Jean Bible, Clyde, B.S.M.E.; *Mechanical Engineering*

Jeffrey James Boman, Ho-Ho-Kus, NJ; B.S. (California Polytechnic State University); *Welding Engineering*

Teresa Kay Bosh, Mt. Gilead, B.S. (Ohio Northern University); *Pharmacy*

Gregory Dale Bowling, Heath, B.S.Cer.E.; *Ceramic Engineering*

Gail Ellen Brossok, Hilton Head Island, SC; B.A. (Simmons College); D.D.S.; *Dentistry*

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David Brent Brown, Reedsville, B.S.; *Electrical Engineering*

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Susan J. Cheesman, Columbus, B.S. (Purdue University); *Computer and Information Science*

Christy Sue Collins, Bethesda, B.S.Agr.; *Agricultural Education*

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Leslie Rose Cooperband, Milton, MA; B.A. (Columbia University/Barnard College); *Zoology*

Helen Elizabeth Corbett, Aiken, SC; B.S. (Furman University); *Geology and Mineralogy*

Frank Edward Cordray, Jr., Grove City, B.A. (Miami University); D.D.S.; *Dentistry*

Hugh Franklin Crowell, Columbus, B.A. (The College of Wooster); *Botany*

Deborah Jo Davenport, Goldsboro, NC; B.S. (North Carolina State University); D.V.M. (Auburn University); *Veterinary Clinical Sciences*

Lorrie Annette Davis, Los Angeles, CA; B.S. (University of California at Los Angeles); *Engineering Mechanics*

Sue Ellen Davis, Dayton, B.S.Nurs.; *Nursing*

Jose Maria Aguilar De Castro, Salvador, Bahia, Brazil; Engenharia Civil (Universidade Federal da Bahia); *Civil Engineering*

James Patrick DeLary, Columbus, B.S.Nutrition; *Home Economics*

Sally M. Dillehay, Massillon, *Physiological Optics*

Bonnie June Douglas, Ashland, KY; B.S.N. (Alderson-Broaddus College); M.A. (West Virginia University); Ed.D. (Nova University); *Nursing*

Patrick William Dunne, Toronto, Ontario, Canada; B.A., M.A. (York University); *Microbiology*

Wataru Ebihara, Strongsville, B.E.E. (Cleveland State University); *Electrical Engineering*

Todd Lewis Ebner, Springfield, B.S.I.S.E.; *Industrial and Systems Engineering*

Sylvia W. Edwards, Marion, B.S.N. (Case Western Reserve University); *Nursing*

Michael Arthur Elfrid, Columbus, B.A. (Case Western Reserve University); *Chemistry*

Thomas Michael Esposito, Grove City, B.S. (University of Connecticut); *Animal Science*

Leonard Chike Ezenagu, Ubuluhojofo, Imo, Nigeria; B.S. (Morgan State University); *Pathology*

Peggy Ann Farmer-Bailey, Cincinnati; B.S.; *Bio-Medical Engineering*

Mark Sullivan Feichtner, Westerville, B.S. (Purdue University); *Electrical Engineering*

Olivier Fischer, Paris, France; D.E.S.C.A.F. (Ecole Duprejeure de Comm); *Computer and Information Science*

Keith William Fitch, Sykesville, MD; B.S. (Loyola College); *Electrical Engineering*

Terry Welch Fossum, Columbus, B.S. (University of Idaho); D.V.M. (Washington State University); *Veterinary Anatomy*

Grant Stephen Frazer, Toowoomba, Queensland, Australia; B.S. (The University of Queensland); *Veterinary Clinical Sciences*

Paula Ann Funk, Worthington, B.S.Pharm.; *Pharmacy*

Kathryn Fergus Gates, Baton Rouge, LA; B.S. (Louisiana State University); M.S.; *Computer and Information Science*

Mary Ellen Geddes, Westerville, B.S.Ed. (Bob Jones University); *Human Nutrition and Food Management*

Blanche E. Gelsman, Columbus, B.S.; *Home Economics*

Robert J. Geoghegan, Columbus, B.S. (University of Cincinnati); *Mechanical Engineering*

Nicholas James Gibson, Alexandria, B.S. (Tulane University); *Microbiology*

James Peter Giordano, Port Jefferson, NY; B.S. (State University of New York at Buffalo); *Chemical Engineering*

Harish Kumar Goyal, Agra, U.P., India; B.E. (University of Roorkee); *Geology and Mineralogy*

Richard E. Grogg, Binghamton, NY; B.S. (Massachusetts College of Pharmacy); *Pharmacy*

Paul Combs Griffith, Columbus, B.S.E.E.; B.S. (Rose-Hulman Institute of Technology); *Electrical Engineering*

Michael Edward Hagenlocker, Fredericksburg, VA; B.S.; *Mathematics*

Kay Sophia Hagey, Columbus, B.S.W.E.; *Welding Engineering*

Karl William Halder, Columbus, B.S. (Juniata College); *Chemistry*

David Paul Haradem, Avon, B.S. (Marquette University); *Bio-Medical Engineering*

Jimmie Lee Harper, Jr., Columbus, B.A. (Otterbein College); D.D.S.; *Dentistry*

Stephen Andrew Hilla, Melbourne, FL; B.L.S. (University of Florida); *Geodetic Science*

Deborah Ann Hopkins, Greenwich, B.S.H.E.; *Home Economics*

Linda Powell Hulligan, Hilliard, B.A., M.A.; *Industrial and Systems Engineering*

Jenq-Fong Hwang, Taipei, R.O.C.; B.S.E. (National Taiwan University); M.S.; *Mechanical Engineering*

Michael Alan Jack, Columbus, B.S. (Akron University); D.D.S.; *Dentistry*

Hyuk Soo Jang, Columbus, B.S. (Seoul National University); *Industrial and Systems Engineering*

James Andrew Jindra, Columbus, B.S.Food Tech.; *Horticulture*

Bruce Nathaniel Jivens, Savannah, GA; B.S. (Savannah State College); *Mathematics*

Keith James Johanns, Paulding, B.Che. (University of Dayton); *Chemical Engineering*

Douglas Wayne Johnson, Newark; B.S.E.E.; *Electrical Engineering*

Todd Richard Johnson, Worthington, B.S.C.I.S.; *Computer and Information Science*

Craig Lewis Joseph, Buffalo, NY; B.S. (State University of New York at Binghamton); *Computer and Information Science*

Mun-Thung Jung, Columbus, B.S. (Chung-Nam National University); *Food Science and Nutrition*

Mohammad Ali Arif Khan, London, England, B.S. (Sussex University); *Electrical Engineering*

Andrew James King, Cincinnati, B.S. (Northern Kentucky University); *Zoology*

Daniel Edward Kirk, Carrollton, B.S.Agr.; *Agricultural Education*

Karen Arline Kiselewski, Columbus, B.S. (California Institute of Technology); M.S.; *Computer and Information Science*

- Donald L. Kleykamp III**, Dayton, B.A. (Miami University), *OSU Biochemistry Program*
- Christopher John Klopfenstein**, Columbus, B.S.E.E. (University of Dayton); *Electrical Engineering*
- David Robert Koberstein**, Appleton, WI; B.S. (University of Wisconsin); *Electrical Engineering*
- Marianne Anthony Kopech**, Columbus; B.S.N. (Georgetown University); *Nursing*
- Lisa Marie Koval**, Bristolville, B.S. (Ohio University); *Zoology*
- Steven John Krueger**, Kaukauna, WI; B.A. (University of Wisconsin-Madison); *Computer and Information Science*
- Ajoy Kumar**, Columbus; B.Tech (Indian Institute of Technology, Kanpur); M.S.; *Computer and Information Science*
- Jiing-Yih Lai**, Taiwan, R.O.C.; B.S. (The Cheng Kung University); *Mechanical Engineering*
- Jorge Luis Lajara**, Utuado, PR; B.S. (Michigan State University); *Food Science and Nutrition*
- Binguan Lao**, Guangzhou Guangdong, P.R.C.; B.S. (Zhongshan University); M.S.; *Computer and Information Science*
- Kim Allen Laurel**, Delaware; B.S., D.D.S.; *Dentistry*
- Terry Len Laurila**, Ashtabula; B.S.Pharm.; *Pharmacy*
- Alan James Lee**, Oakwood; B.S.M.E.; *Mechanical Engineering*
- Deborah Lynn Lee**, Richmond; B.S.C.E.; *Civil Engineering*
- James Brent Lents**, Benton, KY; B.S. (University of Missouri); *Chemical Engineering*
- Carol Lynn Lewis**, La Mirada, CA; B.S. (California Polytechnic State University); *Metallurgical Engineering*
- Pei-Jin Lin**, Taipei, Taiwan, R.O.C.; B.S. (Fu Jen University, Taiwan); *Food Science and Nutrition*
- Richard Carl Liscitano**, Middletown, CT; B.S. (University of Connecticut); *Pharmacy*
- Tah Chuan Low**, Singapore; B.S.M.E.; *Mechanical Engineering*
- Wen Yu Lu**, Shanghai, R.O.C.; B.S. (Fudan University); M.S.; *Computer and Information Science*
- Charles Earl Lucius**, Gahanna, B.S. (Wright State University); *Electrical Engineering*
- Jeffery Wesley Lutz**, East Rochester; B.S. (Kent State University); *Computer and Information Science*
- Hou Qun Ma**, Crescent Springs, KY; *Mathematics*
- Aref Maalej**, Sfax, Tunisia; B.S.; *Mechanical Engineering*
- Dale Hobert Marsh**, Elyria, B.A. (Kenyon College); *Physiology*
- Andrew Francis Martin**, Columbus; B.S., M.S. (Ohio University); *Engineering Mechanics*
- Michael James Matz**, Lebanon; B.S. (The University of Toledo); *Chemical Engineering*
- Robert Paul McClure**, Cincinnati; B.S.E.E.; B.S.Aud.Rec.; *Electrical Engineering*
- Patrick T. McDonald**, Newark; *Mathematics*
- Sharon Rose McGary**, Carrollton; B.S.; *Home Economics*
- Kevin Wayne McKlou**, Columbus; B.S. (Saint Louis University); M.B.A. (Southern Illinois University); *Industrial and Systems Engineering*
- William Randall McLaughlin**, Columbus, O.D.; *Physiological Optics*
- Cella G. McLean**, Dayton; B.S.; D.D.S.; *Dentistry*
- Terry Lynn Merriman**, Circleville; B.S.M.E.; *Mechanical Engineering*
- Kasturi Arachchige Mettananda**, Mahwana, Sri Lanka; B.Sc. (University of Peradeniya); *Agronomy*
- Gregory Arthur Michaels**, Seven Hills; B.S.Ch.E., B.S.Cer.E.; *Ceramic Engineering*
- Daniel Brian Miracle**, Dayton; B.S. (Wright State University); *Metallurgical Engineering*
- Wasim Mohammad**, Karachi, Pakistan; B.S.M.E.; *Mechanical Engineering*
- Barbara Jeanne Mohler**, Oberlin; B.S.; *Microbiology*
- Joseph Michael Montello**, Columbus; B.S.; *Geology and Mineralogy*
- Karin Hannelore Morgner**, Wolfsburg, West Germany; Vordiplom in Mathema (Phillips Universität); *Mathematics*
- Paula Grace Nicely**, Kenton; B.S. (Ohio Northern University); *Pharmacy*
- Paul George Novak II**, Hubbard; B.S.C.E.; *Civil Engineering*
- Conleth S. O'Connell, Jr.**, Miami, FL; B.S. (Florida International University); *Computer and Information Science*
- TaeHo Oh**, Columbus; B.S.Pharm.; *Pharmacy*
- Edward Lloyd Palkoff**, Albany, NY; B.S. (Union College); D.D.S. (State University of New York at Stony Brook); *Dentistry*
- Elizabeth Ann Park**, Bexley; B.S.; *Astronomy*
- Steven Craig Parks**, Groveport; B.S. (Texas Technical University); *Zoology*
- Jeffrey Joel Patton**, North Canton; B.S.Pharm.; *Pharmacy*
- Vincent James Paumier**, East Canton; B.S.Agr.; *Agricultural Education*
- Juan Porras-Gutierrez**, Colombia, South America; B.S. (Universidad Nacional de Colombia); *Horticulture*
- Mubeen Syed Quadri**, Lahore, Pakistan; B.Sc. (University of Engineering and Technology); *Civil Engineering*
- Shazeb Javald Rathore**, Gujranwala, Pakistan; B.S.E.E. (University of Engineering & Technology at Lahore); *Electrical Engineering*
- Linda Lloyd Rector**, Azle, TX; B.S. (Texas Christian University); *Home Economics*
- William Thomas Reindel**, Columbus; B.S. (Alma College); O.D. (Ferris State College of Optometry); *Physiological Optics*
- Mindy C. Rodin**, Columbus; B.A.; *Mathematics*
- Mark Jeffrey Roseman**, South Euclid; B.S. (Miami University); *Physiological Optics*
- Patricia Lynn Rudy**, Columbus; B.S.Nurs.; *Nursing*
- Harry Leonard Ruth, Jr.**, Beavercreek; B.S. (Miami University); *Mathematics*
- Muhammad Shahab Samadi**, Columbus; B.S.A.A.E.; *Aeronautical and Astronautical Engineering*
- Brian Joseph Sanders**, Columbus; B.S. (Loyola College); D.D.S. (University of Maryland); *Dentistry*
- Mariene K. Sanders**, Ellensburg, WA; B.S. (Central Washington State University); D.V.M. (Washington State University); *Veterinary Clinical Sciences*
- Susan Elaine Savage**, Dearborn, MI; B.A. (Albion College); *Zoology*
- Masaaki Sawa**, Hokkaido, Japan; B.S. (Hokkaido University); *Metallurgical Engineering*
- Alexis Marie Schmelzer**, Lancaster; B.S. (College of Mount Saint Joseph); *Home Economics*
- Melinda Sue Schrader**, South Webster; B.S. (Brigham Young University); *Home Economics*
- Jeffrey Arthur Schwartz**, Hamburg, NY; B.S. (State University of New York at Syracuse); *Zoology*
- S. Richard Scott**, East Palestine, B.A. (Wittenberg University); D.D.S.; *Dentistry*
- Gary Michael Serrino**, Austintown; B.S.E.E.; *Electrical Engineering*
- David William Shaw**, Columbus; B.S.M.E. (Geneva College); *Mechanical Engineering*
- Hann-Ling Shaw**, Taipei, Taiwan, R.O.C.; B.E. (Feng Chia University); *Civil Engineering*
- Toru Shimada**, Yokohama, Japan; B.S., M.S. (The University of Tokyo); *Metallurgical Engineering*
- Dianne Elizabeth Shoemaker**, Columbus; B.S.Agr.; *Dairy Science*
- Sik-Kwan Shum**, Hong Kong, Hong Kong; B.S.Ch.Eng. (Pennsylvania State University); *Chemical Engineering*
- Carol Eileen Slegley**, Marion; B.S.Agr.; *Environmental Biology*
- Robert Harold Small**, Kaiserslautern, MT; B.S.E.E. (Montana State University); *Bio-Medical Engineering*
- Penne Lynn Smith**, Gallion; B.S.Agr.; *Agricultural Education*
- Mohammad Reza Soltani**, Gerdafarmarz, Yazd, Iran; B.S.A.A.E.; *Aeronautical and Astronautical Engineering*

- Yeging Song**, Wuhan, Hubei, P.R.C.; B.S. (Wuhan University); *Biochemistry*
- Alejandro Alberto Soto Job**, Santo Domingo, Dominican Republic; B.S. (Instituto Tecnológico de Santo Domingo); *Agricultural Economics and Rural Sociology*
- Barry Scott Spieler**, Patchogue, NY; B.A. (Tufts University); *Mathematics*
- Shauna Landry Spurlock**, Amherst, NH; B.S. (University of New Hampshire); D.V.M.; *Veterinary Pharmacy*
- Mark Edward Stegemiller**, Sunman, IN; B.S.M.E. (Rose-Hulman Institute of Technology); *Mechanical Engineering*
- Claude Robert Stephens, Jr.**, Savoy, TX; B.A. (Austin College); D.D.S. (Baylor College of Dentistry); *Dentistry*
- Charles Lee Stinemetz**, Marysville; B.A. (Ohio Wesleyan University); *Botany*
- Catherine Veronique Stringfellow**, Lawton, OK; B.S. (Cameron University); *Computer and Information Science*
- Muh-Hwan Su**, Taipei, R.O.C.; B.S. (National Defense Medical Center); *Pharmacy*
- Mark Alan Suter**, Greenville; B.S.Agr.; *Agricultural Economics and Rural Sociology*
- Mohamad Anas Tarazi**, Damascus, Syrian Arab Republic; B.S. (Damascus University); *Mathematics*
- Jeffrey Allen Thomas**, Columbus; B.S. Food Tech.; *Horticulture*
- Steven Craig Thomas**, Columbus; B.S. (Carnegie-Mellon University); *Computer and Information Science*
- Harry Sasongko Tirtotjondro**, Bandung, Indonesia; B.Sc. (Bandung Institute of Technology); *Civil Engineering*
- Chao-Chi Tong**, Pintung, R.O.C.; B.S. (National Taiwan University); *Chemical Engineering*
- Roberto Torres**, Mexico City, Mexico; B.S. (Instituto Tecnológico de Monterrey); *Electrical Engineering*
- Charles Samuel Tritt**, Columbus; B.S.Ch.E.; *Bio-Medical Engineering*
- Susan Elaine Uhl**, Millersburg; B.S.; *Home Economics*
- Paul L. Vandermeer**, Columbus; B.S. (University of Wisconsin-Stevens Point); *Zoology*
- Duane Edward Veley**, Marion; B.S.M.E.; *Mechanical Engineering*
- William Dale Waidelich**, Circleville; B.S.Agr.; *Agricultural Education*
- Ann Wesolowski Walters**, Worthington; A.B. (College of the Holy Cross); D.M.D. (University of Pennsylvania); *Dentistry*
- Da-Yung Wang**, Columbus; B.S. (National Tsing-Hua University); *Metallurgical Engineering*
- Jean Marie Wardell**, Wayne, NJ; B.S.; *Zoology*
- Linda Knepper Watson**, Dublin; B.S. (Allegheny College); *Computer and Information Science*
- Louise Ann Wawrzyniak**, Chicago, IL; B.S. (DePaul University); *Botany*
- Norman Alan Weinberg**, Columbus; B.S. (United States Air Force Academy); *Computer and Information Science*
- Barbara E. Westercamp**, Columbus; B.S.Nurs.; *Nursing*
- Dean V. White**, Chillicothe; B.S.Agr.; *Agricultural Education*
- Jeffrey James White**, Cuyahoga Falls; B.S. (University of Akron); *Dentistry*
- Ming-shih Milton Wong**, Kaohsiung, Taiwan, R.O.C.; B.S. (National Cheng Kung University); *Ceramic Engineering*
- Yong-Kie Wong**, Taipei, R.O.C.; B.D.S. (National Defense Medical Center); *Dentistry*
- Chien-Chiao Wu**, Taipei, R.O.C.; B.S. (Chung-Yuan University); M.S. (West Virginia University); *Computer and Information Science*
- Kit Wai Yam**, Columbus; B.S. (Michigan State University); *Chemical Engineering*
- Yelena Yesha**, Columbus; B.S. (York University); *Computer and Information Science*
- Chung-Cheng Yu**, Taipei, R.O.C.; B.D.S. (National Taiwan University); *Dentistry*
- Huey-yan Vivian Yuan**, Chungheo, R.O.C.; B.S. (Fu-Jen Catholic University); *Electrical Engineering*
- Mazen Misbah Zahlan**, Amman, Jordan; B.S. (Oklahoma State University); *Mechanical Engineering*
- Behbood Zoghi**, Tehran, Markazi, Iran; B.S.E.E. (Seattle University); *Electrical Engineering*
- Master of Social Work**
- Jeanne Susanne Abbott**, Akron; B.A.; *Social Work*
- Sara Coleman Abbott**, Columbus; B.A.; *Social Work*
- Melanie Catharine Alford**, Clio, SC; B.A. (Bennett College); *Social Work*
- Linda Ann Bahm**, Cleveland; B.S.Soc.Wel.; *Social Work*
- Bonnie Susan Bergwerk**, Louisville, KY; B.A. (Indiana University); *Social Work*
- Barbara Sue Boehm**, Cleveland; B.S.; *Social Work*
- Nancy Jean Bosak**, Worthington; B.A. (Saint Mary-of-the-Woods College); *Social Work*
- Dana Michael Bourne**, Littleton, MA; B.S.Soc.Wel.; *Social Work*
- Paula Bozeka**, Louisville; B.S.Bus.Adm.; *Social Work*
- Joan H. Brown**, Mansfield; B.A. (Ashland College); *Social Work*
- Susan Marie Brown**, Wooster; B.A.S.W. (University of Akron); *Social Work*
- Bridget King Busic**, Garfield Heights; B.A. (Kent State University); *Social Work*
- Karen Marie Camut**, Warren; B.A. (Hiram College); *Social Work*
- Steven Clark Carrell**, Zanesville; B.A. (Marietta College); *Social Work*
- Susan Elaine Cocca**, Columbus; B.A. (Ohio Dominican College); *Social Work*
- Sharon Gail Cogan**, Columbus; B.S.Soc.Wel.; *Social Work*
- Jerome Comer**, Youngstown; B.S.W. (Jackson State University); *Social Work*
- Maureen L. Crossmaker**, Columbus; B.S.W. (Capital University); *Social Work*
- Lucretia Kaye Cuppy**, Columbus; B.S.Soc.Wel.; *Social Work*
- Meena Mary D'Souza**, Bombay, India; B.A. (Otterbein College); *Social Work*
- Michael Dewayne Dailey**, Georgetown, KY; B.S. (Kentucky State University); *Social Work*
- Rebecca Ann Davis**, Columbus; B.S.Nurs.; *Social Work*
- Ruth Geraldine Davis**, Findlay; B.S. (Bowling Green State University); *Social Work*
- Betty Jean Days**, Dayton; B.S.W. (Wright State University); *Social Work*
- Marilyn Denet Dean**, Wilmoey, AK; B.S. (Dillard University); *Social Work*
- Bonnie Lee Edinger**, Waynesville; B.A. (Wright State University); *Social Work*
- Richard Edison**, Columbus; B.S. (University of Maryland Eastern Shore); *Social Work*
- Frances Lynn Fields**, Chester, WV; B.S.W. (West Virginia University); *Social Work*
- Thomas D. Finney**, Millersburg; B.A. (Malone College); *Social Work*
- Barbara Anne Fisher**, Columbus; B.A. (California State University at Los Angeles); *Social Work*
- Robin Dale Flack**, Columbus; B.A. (Mount Vernon Nazarene College); *Social Work*
- K. Jeff Fladen**, Columbus; B.A.; *Social Work*
- Debra Kay Fouke**, Williston; B.A. (Bowling Green State University); *Social Work*
- Kathryn Marie Fuller**, Dublin; B.S. (California Polytechnic); *Social Work*
- Ellen Joyce Gibson**, Columbus; B.S.Soc.Wel.; *Social Work*
- Joan Ellen Griscom**, Dayton; B.S. (Bowling Green State University); *Social Work*
- Linda Sue Gutter**, Columbus; B.S.Soc.Wel.; *Social Work*
- Mary A. Haller**, Columbus; B.S. (Capital University); *Social Work*

Laura Louise Hammond, Trenton, B.S.; *Social Work*
Benjamin David Harrison, Fairborn, B.A. (Cedarville College); *Social Work*

Deborah Leigh Hartman, Stewart, B.S. (Towson State University); *Social Work*

Jacquelyn Ann Heaston, Covington, TN; B.S. (The University of Tennessee); *Social Work*

James Patrick Hlavaty, Maple Heights, B.A. (Cleveland State University); *Social Work*

Michael Eugene Hobson, Trenton, B.S. (Miami University); *Social Work*

Maureen Elizabeth Hogan, Warren, B.S. (Bowling Green State University); *Social Work*

James Whitney Hurst, Columbus, B.A. (Purdue University); *Social Work*

Nancy Smith Jacob, Fairfax, VA, B.S.Soc.Wel.; *Social Work*

Rebecca Lynn Jarrell, Shelby, B.S. (University of Cincinnati); *Social Work*

Jacqueline Sue Judy, Warren; B.S.Soc.Wel.; *Social Work*

Ronald D. Kirkpatrick, Columbus; A.B., A.A. (Anderson College); *Social Work*

Mary Jo Kramer, Fort Jennings, B.S.W. (Capital University); *Social Work*

Madeline Jane Leach, Columbus; B.A. (Oral Roberts University); *Social Work*

Ann Sherry Levine, Pepper Pike; B.A.; *Social Work*

Harry Joseph Levins, Columbus, B.S. (University of Dayton); M.B.A.; *Social Work*

Janet Ann Livingston, Akron, B.A. (The University of Akron); *Social Work*

Nanci Kelly Lynch, Cambridge; B.A. (Ohio University); *Social Work*

Michael Louis Maiorano, Wilmington, DE; B.S. (Xavier University); *Social Work*

Lesia Mandzia, Cleveland, B.A. (Hiram College); *Social Work*

Cynthia Anne Maynard, Chillicothe; B.A. (Ohio University); *Social Work*

Sheila Kaye McClure, McDermott, B.A. (Ohio University); *Social Work*

Anna Mary McDonough, Ashland, B.A. (Marygrove College); *Social Work*

Margaret A. McGregor-Imes, Dayton; B.A. (Wright State University); *Social Work*

Marion Eleanor Meacham, Newark, B.A.; *Social Work*

Judy Lynn Meirson, University Heights, B.S.Soc.Wel.; *Social Work*

Donna Rae Miller, Warren, B.A. (Miami University); *Social Work*

Sara Lynne Moon, Bexley, B.S.W. (Valparaiso University); *Social Work*

Diana Lee Morgan, Jackson; B.A. (University of Miami); *Social Work*

Laura Helen Morrow, Reading, PA; A.B. (Albright College); *Social Work*

Molly Pauline Murray, Old Fort, B.A. (Findlay College); *Social Work*

Carolyn Owens, Delray Beach, FL; B.A. (Bethune-Cookman College); *Social Work*

Robert Michael Parks, Dayton; A.B. (Marquette University); M.A. (University of Dayton); *Social Work*

Christina Lanine Pastor, Newbury, B.A., B.A. (Hiram College); *Social Work*

Joni Ann Patterson-Croskey, Columbus; B.S. (University of Akron); *Social Work*

Theresa D. Power, Reynoldsburg, B.A. (University of Steubenville); *Social Work*

Margery Lynn Press, Richmond Heights, B.A. (University of Akron); *Social Work*

Michelle M. Radwanski, Columbus; B.S. (Bowling Green State University); *Social Work*

Lisa Robin Raiz, Columbus; B.A.; *Social Work*

John Stuart Rila, Freeport; B.S. (University of South Dakota); *Social Work*

Renda Ann Ross, Shreveport, LA; B.A. (Louisiana Polytechnical University); *Social Work*

Naomi Rebecca Rothschild, Columbus; B.S.Soc.Wel.; *Social Work*

Patti Joy Rus, Cincinnati; B.S.Rest.Mgt.; *Social Work*

Beth Ann Ruthers, Bellaire, B.S.H.E.; *Social Work*

Glen Craig Scott, Lexington; B.A.; *Social Work*

Pamela Love Shibko, St. Clairsville, B.S.Soc.Wel.; *Social Work*

Beth Ellen Siferd, Lima; B.S. (Bowling Green State University); *Social Work*

Karen Annette Smith, Columbus; B.A. (Ohio Dominican College); *Social Work*

Christopher J. Smitley, Troy; B.A. (Miami University); *Social Work*

Susan Anne Snedeker, Worthington; B.A. (Ohio Wesleyan University); *Social Work*

Allan Lee South, Columbus; B.A. (Franklin College); *Social Work*

Sherry Tawanda Marietta Spruill, Oxon Hill, MD; B.A. (Bennett College); *Social Work*

Sherene L. Svendsen, Urbana; B.S.Soc.Wel.; *Social Work*

Stephen Daniel Toth, Columbus; B.S.Soc.Wel.; *Social Work*

Shari Lynn Uncapher, Niles, B.A. (Youngstown State University); *Social Work*

Michelle Lynn Urbach, Columbus; B.S. (Ball State University); *Social Work*

Barbara L. Venters, Cincinnati; B.A. (Ohio University); *Social Work*

Theresa Jane Vincent, Cleveland; B.S.Soc.Wel.; *Social Work*

Marilyn Marie Wagner, Cloverdale; B.A. (Defiance College); *Social Work*

Martha Jane Walker, Worthington; B.S.Soc.Wel.; *Social Work*

Alison Leigh Walsh, Waldwick, NJ; B.S. (Ramapo College); *Social Work*

Edward Michael Wantuck, Cincinnati; B.S.W. (University of Cincinnati); *Social Work*

Pamela S. Wasmuth, Kettering; B.S.Soc.Wel.; *Social Work*

Lorene Anne Weinberg, Garfield Heights; B.A. (Kent State University); *Social Work*

Laura McDonald Wesney, Grandview; B.A. (Otterbein College); *Social Work*

Linda Carol Wilson, Broadview Heights; B.S. (Bowling Green State University); *Social Work*

Beth Ann Wittman, Columbus; B.F.A. (Ohio Wesleyan University); *Social Work*

Mary Valerie Wolff, Traverse City, MI; B.A. (Wright State University); *Social Work*

Sally Irene Yoder, Wooster; B.A. (University of Akron); *Social Work*

Nancy Margaret Young, Jamestown; B.A. (Wright State University); *Social Work*

Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans:
Andrew J. Broekema

Vice Provost for the Arts and Sciences:
Thomas A. Wilke

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

College of the Arts
College of Biological Sciences
College of Humanities
College of Mathematical and Physical Sciences
College of Social and Behavioral Sciences

College of the Arts

Dean: Andrew J. Broekema

Bachelor of Arts

Lisa Kay Babcock, Columbus
Phyllis Renee Burstein, Cincinnati
Michelle Kaye Copley, New Albany
Rae Ann Dillon, Mansfield
John Harvey Fleming, Columbus
Kristen Pawlitzak Plugge, Lorain
Michael Edward Harper, Columbus
James Allen Hatt, Orrville
Douglas Robert Jencen, Shaker Heights
Phillip Donald Karg, Upper Sandusky
Andrew Martínez, Highland Park, IL
James Edward Pesch, Huber Heights
Joseph John Quaranta III, Columbus
Mary Rathke, Massillon
Vicki Sue Shuff, Centerburg
Michael Allan Simms, Mansfield
Amy Jean Starn, Akron
Lucy Stanton Wolfe, Columbus

Bachelor of Fine Arts

Allison Ann Alexander, Pepper Pike
Annette Lynn Atchison, Columbus
Keely Susan Ayres, Westerville
Angela Denise Barch, Columbus
Andrew Leo Baron, Cincinnati
Joanne Marie Barrett, Youngstown
Matthew David Carmean, Wooster
Terry Starr Cline, Marion
Alice Elisabeth Cocula, Columbus
Stacy Annie Diaz, Ashtabula
Victoria Jean Dummer, West Chester
Emilie Hassan Dyer, Washington, DC
Cinda L. Ehmann, Columbus
Margaret Joann Evans, Columbus
Judith Exline, Columbus
Patricia Regina Fochtman, Columbus
James Joseph Fox, Geneva
Carolyn S. Hackett, Wooster
Jean Marie Houx, Ada
Tracy Allen Hunker, Bascom
Lorraine Vibberts Kaplan, Worthington

Keith Charles Klingerberg, Columbus
Clifford Olan Lewis, Worthington
Maria Ulla Ludvigsson, Tumba, Sweden
Pamela Lu Macomber, Columbus
Kirk James Markopoulos, Howland
Melinda Grace McCabe, Pittsburgh, PA
Sallie Ann Metzger, Wooster
B. Kurt Monska, Worthington
Sarah Carlin Morse, New Rochelle, NY
Roger Steven Myers, University Heights
Caren Ann Ostendorf, Waynesville
Melissa Ann Phillips, Wadsworth
Kelli Marie Rice, Cuyahoga Falls
Noah Jon Riskin, Marblehead, MA
Seth Daniel Riskin, Marblehead, MA
Karla Rae Rothart, Cincinnati
Gary Anthony Schleimer, Mayfield Heights
Tammy Schweinhagen, Napoleon
Tracee Sue Strohm, Reynoldsburg
Gretchen Marie Studien-Webb, Delaware
John Lee Sullivan, Lyndhurst
Tammy Rose Taylor, Columbia Station
Haruko Tsuzuki, Kyoto, Japan
Kimberly Anne Turney, Mt. Vernon
Paul Michael Vassar, Lima
Jennifer Diane Wells, Columbus

Bachelor of Music

Rebecca Ann Beavers, Roanoke, VA
Lisa Maureen Becker, Medina
Robert Hudson Bethel, Columbus
David Blaire Cooke, Canton
Kevin Thomas Dines, Washington, DC
Susan Renée Foster, Cortland
Michael Scott Kaiser, Grove City
Christine Marie Orin, Massillon
Robin Elizabeth Slim, Columbus

Bachelor of Art Education¹

Stephanie Ann Adolph, Worthington
Mindy Jo Richman, Silver Spring, MD
Enid Alexis Swift, St. Thomas, VI
Dorothy L. Swint, Westerville

Bachelor of Art Education²

Lela Marie Baugh Creighton, Columbus
Beth Ellen DuPont, Columbus
Brenda Ann Fleming, Columbus
Cindy Lee Fulmer, Perry
Lisa Annette Harrington, Columbus
Tammy Lee Hoffman, Montville
Donna Lee Hunkins, Columbus
Ann Louise Jonas, Centerville
Martha Annette Mercer, Columbus
Cheryl Lynn Mosier, Chagrin Falls
Kimberly Sue Roberts, Cumberland
Julie Ann Samuel, Euclid
Tricia Anne Trostle, Troy

¹Offered by the College of the Arts

²Offered by the College of the Arts and
the College of Education

Bachelor of Music Education²

Daniel Stephen Adams, Mansfield
Tod Allen Addison, Mansfield
Natalie Sue Alspach, Dunwoody, GA
Mary Ellen Chambers, Hamilton
Mary Therese Collier, Lorain
Patricia Anne D'Ambrosio, East Northport, NY
James Robert Delius, Lancaster
Melanie Kyle Fullen, Lockbourne
Sherri Lynne Garner, Findlay
Timothy David Jenkins, Akron
Robin Elizabeth Jennings, Cuyahoga Falls
Jeffrey Michael Kennat, Seven Hills
Matthew John Kentner, Wapakoneta
Theresa Mary Milicia, Winterville
Michael Kevin Noland, Columbus
Jennifer Susan Riffe, Centerville
Deborah Ann Roznovsky, Akron
Elizabeth Ann Williamson, Springfield

Bachelor of Science in Industrial Design

Thomas Alan Barton, Hilliard
David John Bennett, Rochester, NY
Vicki Lynn Bingham, Columbus
Kimberly Ann Brucker, Wakeman
James Edward Buxton, Fairlawn
Donna Lynn Carter, Reynoldsburg
Clare Alyce Conner, Warren
Dana Doebelin, Westerville
Thomas Edward Fish, Jr., Wickliffe
Cheryl A. Gordon, Upper Arlington
Yolanda Nevada Jackson, Bethel Park, PA
Robert David Jennings, Fairlawn
Michael Kenneth Lining, Gahanna
Jeffrey T. Monzel, Loveland
Steven Charles Olenik, Jr., Lyndhurst
Judith Ann Porter, Lakewood
Molly Ranz, Cincinnati
Kathleen Rahe Shaw, Urbana
John David St. Pierre, Columbus
Susan Mary Staskelunas, Dayton
John Phillip Thomas, Fairview Park
Tamara Sue Turner, Dayton
Elizabeth Mary Vosmik, Lyndhurst
Anita Lynn Wood, Columbus
Timothy Andrew Zilka, Avon

College of Biological Sciences

Dean: William A. Jensen

Bachelor of Arts

Sharon Kay Davis, Findlay
Ann Elizabeth Eaton, Columbus
Jill Lea Johnson, Columbus
David Harold Shanks, Canton
Judy Ann Walker, Columbus
David Alan Waylonis, Columbus

Bachelor of Science

Brian Michael Allen, Steubenville
 Anny Lucia Almasanu, Columbus
 Mohammed Habib Al-Rustam, United Arab Emirates
 Lisa Ann Appulse, Austintown
 Diane Marie Avellano, Cincinnati
 Scott W. Barnard, Canton
 Ramona Patrice Battle, Atlanta, GA
 Scott Robert Berliner, Columbus
 Falguni K. Bhatt, Columbus
 Julie Ellen Brandenburg, Huntington, CT
 Thomas Lee Brown, Van Wert
 Denise Frances Bruns, Cincinnati
 Lisa Ellen Butler, Rocky River
 William Ray Cherry, Waterville
 David J. Chong, Solon
 Laurel Lampert Cisar, Rocky River
 Steven Edward Clark, Worthington
 Allison Eugenie Conrad, Shaker Heights
 Susan Nadine Cropp, St. Clairsville
 Richard Keith Danford, New Matamoras
 Pamela Marie Daufel, Centerville
 Timothy Fisher Dawson, East Liverpool
 Daniel Michael DeAngelo, Canfield
 Michael William Dennis, Canton
 Robert Carl Diersing, Delaware
 Lane Francis Donnelly, Cincinnati
 Joseph Antoine El-Yabroudi, Beirut, Lebanon
 Kristin Anne Englund, Beaver Creek
 Jay Bradford Fell, Findlay
 Kathleen Marie Fischer, Cincinnati
 Amy Elizabeth Flanary-Ibanez, Cincinnati
 Kevin Michael Flowers, Groveport
 Edward Brian Fowler, Cortland
 Scott Alan Frey, Chillicothe
 Charles Edward Friske, Syracuse, NY
 Jonathan James Furlong, Delaware
 Steven Alan Galun, South Euclid
 Connie Annette Goldenberger, Newark
 Lisa Lynne Gillen, Columbus
 Karen Elizabeth Gillenwater, Hilliard
 Bruce Wayne Graybill, Columbus
 Lynette Dallas Greenwood, Kent
 Monica H. Haller, Parma
 Deborah Lee Halm, Sylvania
 Mary Ann Hanlon, Berea
 Randal Leroy Harness, Lucasville
 Sharon Ann Heil, Wickliffe
 Patrick Joseph Henry, Jr., Hinsdale, IL
 Michael James Himler, Cardington
 Laura Lynn Houser, Sunbury
 Scott William Jarvis, Chillicothe
 Renate Alexandra Johnston, Springfield
 Timothy James Kahl, Columbus
 Vyas Mukund Kartha, Upper Arlington
 John Robert Kelly, Marysville
 Victoria Louise Ketz, Canal Fulton
 Lisa Anne Kolb, Columbus
 Martin Owen Kopp, Mayfield Heights
 Karen Melinda Kozopas, Elyria
 David J. Krantz, Beachwood
 Lisa Lago, Columbus
 Terrance Michael Lambert, Farmington Hills, MI
 Cynthia Ann Laub, Cincinnati
 Harry Calhoun Ledebur, Jr., Canfield
 Mark Daniel Lee, Barberton
 Janet Kay Lonaker, Kettering
 Ilona Alexandra Marr, Avon

Mitchell T. Massie, Ironton
 Scott Alan McCune, Monroeville
 Jeffrey Matthew McKelley, Canton
 Deborah Denise Mehl, North Royalton
 Michael John Meleca, Columbus
 Jeffrey C. Metcalfe, Columbus
 John Michael Miller, Dayton
 Karen Lynne Miller, Lima
 Kelly Thrush Mitchell, Mansfield
 Kevin Monte de Ramos, Barnesville
 James Francis Morand, Wilmington
 David L. Newman, Tampa, FL
 Diane Carol Newman, Parma
 Gerald David Noland, Berea
 Craig D. Oiler, Columbus
 Christine Renee Osborne, Columbus
 Kelly Jo Ottaway, Batavia
 Lisa Marie Otto, Lima
 Joanna Estelle Panopoulos, Canton
 Michael Joseph Papay, Amherst
 Christine Diane Pawlyszyn, Cleveland
 Richard Allan Peterson II, Chariton, MA
 Laura Elaine Petrovich, Akron
 Amy Jean Peykoff, Toledo
 Richard Allen Pica, Jr., Bellaire
 Karen Marie Pugh, West Carrollton
 Michael Edmond Reardon, Austintown
 Robert Ellsworth Reid, Brookfield
 Jeffrey John Resko, Columbus
 Gregory Scott Rinehart, Shelby
 David M. Robinson, Cincinnati
 Chinita Lavarne Ross, Columbus
 Mary Sue Ross, Columbus
 Clayton Lee Rugh, Columbus
 John Michael Rutan, Jr., Springfield
 Michael Eugene Sapp, Columbus
 Jay D. Schialler, Columbus
 Ann Margaret Selby, Newark
 Paul Joseph Shock, Gahanna
 Nancy Louise Sicilian, Buckeye Lake
 Lee Edward Snelson, Warren
 Robert William Spech, Cleveland
 Annette L. Staver, Lima
 Suzy Ruth Ellen Steele, Dayton
 Peter A. Studebaker, Union
 August Joseph Sugar III, Columbus
 Mark Steven Swaney, Burton
 David Allen Sybert, Ravenna
 Michael Joseph Szego, Chagrin Falls
 Lauren Marie Tatalick, Chesterland
 Cheryl Lynn Thielmeyer, Cincinnati
 Shelly Lynn Thompson, Somerset
 Jennifer Lee Tidyman, Cadiz
 Andrew George Toth III, Columbus
 Jon Gregory Townsley, Westerville
 Heidi S. Trzebiatowski, Upper Arlington
 Douglas Ronald Tupps, Westerville
 Paul Marino Vespa, Boardman
 Douglas John Virostko, Cleveland
 Timothy S. Wachtmann, Napoleon
 Marc Havens Wadsworth, Fremont
 Mark Alan Weinstein, Toledo
 Brian Dewayne Weaver, Cincinnati
 Catherine Sue White, Shelby
 Gayle Ann Williams, Northwood
 Kim Ann Winpisinger, Fairview Park
 Carmen Andrea Yiamouyiannis, Delaware
 Keith Orren Young, Newark
 Jaseem Mohamed Yousif, United Arab Emirates

David Scott Ziska, Brecksville

College of Humanities

Dean: G. Micheal Rieley

Bachelor of Arts

Janice Marie Adams, Fairborn
 Scott Alan Anderson, Mason
 Miriam Sue Aronovsky, Columbus
 Riad N. Bahhur, El-Bireh, Palestine
 James N. Baker, Worthington
 Mark Alan Baker, Wilmington
 Elizabeth A. Barker, Delaware
 Charles Daniel Barr, West Palm Beach, FL
 John David Barringer, Mansfield
 Mounir Ben Hadj Slama, Akouda, Tunisia
 Regina Ann Benson, Columbus
 Peter Michael Blake, Jr., Bay Village
 Gregory Joseph Blatt, Cleveland
 Georgia Colleen Boggs, Hilliard
 Tina Marie Buehner, Mentor
 Laura Elaine Cannon, Dayton
 Alice Elisabeth Cocula, Columbus
 Christine Ann Cottone, Columbus
 Ellen Susan Crawford, Dublin
 Kelly D. Creek, Columbus
 Laurie J. Doeringer, Bexley
 Paul V. Doucette, Columbus
 Gisèle F. Dubson, Waukegan, IL
 Debra Marie Dye, Fremont
 Amy Lynne Eddings, Brunswick
 Kenneth Harper Egbert, Jr., Tiffin
 Sheryl Lyn Eva, Hudson
 James Patrick Ferguson, Carroll
 Terri A. Fisher, Chesterland
 Kimberly Ann Fudge, Granville
 Charles Russell Gallion, Jr., Columbus
 Holly Wilson Garrison, Marietta
 Lawrence Michael Gatti, Youngstown
 James Ernest Gauch, Wooster
 Jelena Gazivoda, Beograd, Yugoslavia
 Laura J. Gibson, Warren
 Jennifer Lynn Glosch, Lodi
 Rhoda Yvonne Goldschmidt, Cleveland Heights
 Nora Gita Grins, Columbus
 Adam Paul Hall, Grove City
 Juliana Marie Halley, Grove City
 John Rodie Hamilton III, Bryan
 Linda L. Handley, Columbus
 Thomas Albert Harakal, Jr., Hartford
 Larry Eugene Harbaugh, Columbus
 Robert Winfield Harrison, Parma Heights
 Scott Douglas Harter, Columbus
 Cindi Lynn Hill, Upper Arlington
 Perry Simpson Huesmann, Powell
 John Duffield Jackson, Bryan
 Jonathan Michael Kandell, Cincinnati
 Ingrid Edda Keuchel, Tallmadge
 Gretchen E. Kish, Akron
 Kathryn Ann Kieberg, Westerville
 Glenn Norman Knopf, West Windsor, NJ
 Kip Andrew Knott, Columbus
 J. Morgan Kocheran, Columbus
 Lisa Anne Kolb, Columbus
 Carrie Ann Krawczyk, Rancho Palos Verdes, CA

Alison Gail Levey, Toledo
 Keh Hong Lim, Penang, Malaysia
 Scott Aaron Livingston, Newark
 Anita Madan, Columbus
 William Tignal McCracken, Jr., Burlington, NC
 David Ray Meinert, Columbus
 Kimberly Gay Mendini, Cincinnati
 Robert Vincent Mitchell, Hubbard
 Andrew John Mollica, Athens
 Robert Daniel Moorhead, Upper Arlington
 Dean Andrew Moulas, Dayton
 Jennifer Ann Moye, Worthington
 Kathryn Gerard Neus, Cincinnati
 Laura Ann Noe, Gahanna
 Carla Ann Orman, Mogadore
 Danielle Magdalena Ossoli, Mentor
 Susan Carol Poynter, Gavers
 Deborah Anne Quick, Columbus
 Cathleen Rose Radcliffe, Howland
 Gregory Scott Renner, Browns Mills, NJ
 Heidi Rietenbach, Grove City
 Amy Sue Rosenblatt, Toledo
 Matthew Wayne Ross, Beachwood
 Donna Louise Ruhl, Marion
 Dean Arthur Scheidler, Elyria
 Douglas R. Schrage, Columbus
 Pamela Ann Scott, Dunwoody, GA
 Lisa Marie Seipel, Worthington
 Elizabeth Louise Shoman, Columbus
 Jonna L. Shumway, Tiffin
 Cynthia Ann Sigler, Akron
 Janet Marie Sigler, Wooster
 Beth Ellen Smith, Wilkes-Barre, PA
 Vernon Richard Smith, Grafton
 David John Staley, Powell
 Alison Dara Steginsky, Columbus
 Kenneth Livingston Taylor, Columbus
 Sheila Roseann Thompson, Columbus
 Barbara Nannette Todd, Mansfield
 Joseph John Trapp II, Westerville
 Brett Christine Trescott, Macedonia
 Louis B. Vitale, Dublin
 Steven Louis Vlasho, Green Bay, WI
 Kimberly Kay Vogel, Kettering
 Catharina Anne Voltz, Ohio City
 Barry Neal Wacksman, Cincinnati
 Michael Kenneth Wantuck, Bloomfield Hills, MI
 Gail Mary Wheeler, Eaton
 Katherine Agnes White, Youngstown
 Nancy Elaine Whittier, Columbus
 Beth Marie Wineand, Newark
 Kurt Arthur Witek, Strongsville
 Ann Marie Zoller, Bay Village
 Elizabeth Daingerfield Zwicky, Columbus

College of Mathematical and Physical Sciences

Acting Dean: John O. Riedl, Jr.

Bachelor of Arts

Ricky Lee Barnhart, Warren
 Arthur Stephen Beach, Columbus
 Rebecca Ann Beach, Columbus
 Robert Michael Brown, Columbus
 Belinda Kay Clark, Mansfield

Roy Lewis Davidson III, London
 Lynn Marie Davis, Strongsville
 Gionia Maria Del Rio-Pineda, Rio Piedras, PR
 Leslie Renee Ellis, Columbus
 Emily Elizabeth Heid, Fremont
 Diane E. Isham, Newark
 John Charles Kromalic, Steubenville
 Linda Ann Lutz, Kingsville
 Carolyn Valiquette McKinney, Kettering
 Janet Margaret Nagy, Richmond Heights
 Joseph A. Ravagnani, Uniontown
 Martha Ann Rohlck, Columbus
 Freddie P. Romeo, Lorain
 Robert Alan Schweikert, Akron
 Paul Charles Shin, Westlake
 Douglas George Singer, St. Clairsville
 Gregory Turcoy, South Euclid
 Julia Therese Walsh, Toledo

Bachelor of Science

Paul Joseph Alton, Mansfield
 June Lorraine Alverson, Alliance
 Steven John Beckman, Mt. Healthy
 Stephen Ried Betts, Kettering
 Jeffrey Michael Brown, Newark
 Lisa Ann Burns, Columbus
 Richard Douglas Campbell, Shadyside
 Albert George Carmichael, Columbus
 Shannon Louise Cavanaugh, Parkersburg, WV
 Allan Tod Chabon, Toledo
 Scott Allen Chaffins, Lima
 Jeffery TaeHwan Choh, Independence
 Kevin Michael DeAngelis, Concord, NH
 Jeffrey Wade DeFreest, Akron
 Karen S. DeLong, Columbus
 Andrew R. Dennis, Marietta
 Connie Lynn DiLeonardo, Steubenville
 David Allen DiLeonardo, Mingo Junction
 Kristin Lynn DiStefano, Steubenville
 Molly Ann Drake, Columbus
 Larry Randall Dunlap, Scio
 Rachel A. Eustice, Columbus
 Daniel Joseph Evangelista, Jr., Mt. Pleasant, PA
 Karen Jo Fornal, Bridgeport
 R. David Francis, Columbus
 Benedict Charles Gaskins, Somerset
 Donald Scott Gibb, Columbus
 Mark Joseph Gillotti, Lima
 Karen Sue Gottschalk, St. Marys
 Moira Alejandra Goudet Mendez, Maracaibo, Venezuela
 Mark Alan Grosser, Columbus
 William Michael Groucutt, Youngstown
 Andrew Frank Heckler, Cincinnati
 Dwayne Allen Hickman, Cambridge
 Sherry F. Hunter, North Vernon, IN
 Darrell E. Jones, Lima
 Mari Ann Kerecharin, Barberton
 Kari J. Kotlan, Independence
 Matthew David Lehnert, Columbus
 Loretta Annamaria Lempe, Elyria
 Robert A. Leonard, Jacksonville, FL
 Michelle Renee Lewis, Lockport, NY
 Ellen Lois Matz, Sandusky
 Kim Irvin Mayton, Hudson
 Samuel Joseph Mazzola, Jr., Westlake
 Patrick Timothy McDonald, Newark

Gerald Thad Mearini, Ashtabula
 Robert John Mellors, North Royalton
 Christopher Scott Meyer, Huber Heights
 Bruce Edward Miller, Delaware
 Kurt Alan Morgenstern, Marietta
 Michael Edward O'Brien, Chesterland
 Lon Douglas Patton, Sidney
 Jeffrey Keith Perkins, Cabot, AR
 Lind Richard Pratt, Chillicothe
 Gil Richard Pratte, Worthington
 Charles F. Prosser, Jr., Gahanna
 Robert Ferree Rathbone, Wooster
 Todd Michael Riley, Urbana
 Robert Joseph Roman, Centerville
 David Walter Seyer, Ashtabula
 David Scott Simon, Toledo
 Gregory Lee Smithberger, Pataskala
 Teresa Solberger, Cuyahoga Falls
 John Michael Tedrick, Worthington
 Christopher Warren Teggarden, Cincinnati
 Bradley Charles Thomas, Marion
 Gary Lane Thompson, Lima
 Barbara Sue Till, Kettering
 Nune Thu Tran, Columbus
 Alice J. Waldhauer, Fair Haven
 Jude Francis Werner, Wheeling, WV
 Peggy Ann Wittmann, Tiffin
 Donna G. Workman, Rodney
 Timothy Charles Wright, Marion
 Terence Carter Yates, Broadview Heights
 Roger Caber Ygbuhay, Portsmouth
 Douglas Thomas Yost, Easton, PA
 Susan Lehman Younger, Bay Village

College of Social and Behavioral Sciences

Dean: Joan Huber

Bachelor of Arts

Khalilah M. Abdullah, Gainesville, FL
 Joseph K. Aboud, Fairlawn
 Regina Louise Alberini, Warren
 Lori Sharon Anderson, Columbus
 John Dominic Andres, Columbus
 Gregory John Andrews, North Olmsted
 Douglas Scott Ankerman, Wapakoneta
 Glenda Sue Arnold, Medina
 Douglas Harry Arvanitis, Warren
 Peter Salim Asmar, Rocky River
 Diane L. Ault, Dayton
 Daniel Robert Auman, Cuyahoga Falls
 Steven Edward Bachelor, Newark
 Marjorie Cole Baker, Columbus
 Jennifer Leigh Baldwin, Troy
 Suzanne Ballard, Marysville
 Beth A. Barte, Orient
 Richard Warren Bashein, Pepper Pike
 Michèle LaRon Battle, Cincinnati
 Carrie Marie Bauman, Canfield
 Melinda Ann Becker, Columbus
 Heidi Ann Beeman, Canfield
 Douglas Joseph Behringer, Defiance
 David Thomas Bell, Branchville, NJ
 Steven John Benyo, Blue Bell, PA

Lisa Elaine Berry, Canton
 Roseanne Marie Bigos, Port Clinton
 Andrea Block, Dayton
 Laurie Gay Blossom, Toledo
 Diane Lynn Blumberg, Lorain
 Michael A. Boerger, Columbus
 Nancy Lee Boerger, Milwaukee, WI
 James Zachary Bolas, Louisville
 Eric Jon Boomhower, Canfield
 Linda Lee Bowen, South Point
 Mary Catherine Bowman, Franklin
 Stephanie Virginia Breese, Sylvania
 Marion J. Breidenbach, Canal Winchester
 Kevin Michael Brennan, Westerville
 Howard Bruce Brenner, Columbus
 Christine Elizabeth Brewster, Akron
 Sarah Kaye Brill, Wilmington, DE
 Robert Andrew Brindza, Columbus
 Christie L. Brockhage, Cincinnati
 Donald Fredrick Bronchik, Bellaire
 Charles W. Brown, Jr., Marion
 Kristen Joyce Brown, Worthington
 Denise Lorraine Bruggeman, St. Henry
 Thomas M. Buchholz, Worthington
 Laura Ann Burneson, Lima
 Lynda Lee Burns, Columbus
 Jeffrey Chapin Burpee, Cincinnati
 Diana Fay Butts, Bloomingdale, IL
 Carol Sue Calkins, Columbus
 Terri Lynn Campbell, Middletown
 Gary Steven Caplan, Claremont, NH
 Richard David Cardwell, Ironton
 Eva Regina Case, Vienna, Austria
 James Lee Catanzaro, Jr., Mentor
 Elizabeth Ann Charles, Cincinnati
 Raymond E. Chick, Washington, DC
 Susan Lynn Clark, Bryan
 Joan Marie Cleary, Arlington
 Cheryl Lynn Cochran, Upper Arlington
 Rachelle Cohen, Dayton
 Gena Celeste Cokes, East Cleveland
 LaVawn Dee Coleman, New Concord
 Kristine Anne Colglazier, Lakewood, CO
 Christopher J. Cooney, Delaware
 Kendra Christine Copeland, Worthington
 Ronald Jay Cox, Kirkersville
 Christi Marie Craig, Columbus
 Jamie Marie Craver, Martins Ferry
 Jeffrey Douglas Creed, Circleville
 Deborah Lynn Crooks, Winthrop Harbor, IL
 Steven Lynn Crossmock, Newark
 James Richard Crump, Troy
 Roger Dean Curry, Zanesville
 Edythe Melissa Daniels, Washington, DC
 Bryan Allan Dann, North Fairfield
 Jay Cariton Danner, Worthington
 Jeffrey Purcell Davis, Upper Arlington
 Mark DeRaso, Rocky River
 James A. DePerno, Elma, NY
 Joseph Jude Devore, Columbus
 Julie Ann Dickinson, Canton
 Rita Louise DiPaolo, Columbus
 James Michael Dolan III, Columbus
 Linda Ann Domme, Bellefontaine
 Lore Ellen Dorn, Columbus
 Michael Duane Dortch, Grove City
 Thomas Michael Downey, Athens
 John Eldon Dunbar, Mt. Blanchard
 Janine Marie Dziem, Des Plaines, IL

Andrew Eisenberg, Chicago, IL
 Judy Ann Ekstrand, Brecksville
 Carla Lynn Ellis, Dayton
 Timothy Francis English, North Olmsted
 David Alan Erich, Westerville
 Laurie Christine Evans, Columbus
 David Michael Fate, Lorain
 Michael James Ferrell, Bexley
 Sherri Kim Flaschner, Sylvania
 Patrick Lawrence Foley, Columbus
 Lisa Ann Freebairn, Chagrin Falls
 June Carol Frick, Lebanon
 Stephanie Lynne Friedman, Upper Arlington
 Terri Ann Friedman, Cincinnati
 Roy E. Gabbert, Jr., West Union
 Steve Gallowan, Jr., Mentor
 Scott M. Galster, Cincinnati
 Gail Allison Gantz, Waldo
 Ellen Jane Garling, Ashland
 Robert Darrell Gates, Dayton
 Heather Lois Gee, Fremont
 Jolie Beth Gelman, Elyria
 Misty Sue Giffin, Columbus
 Susan Lee Gilbert, Whitehouse
 Lisa Michelle Gillett, Beachwood
 Christine Marie Gire, Grand Rapids, MI
 Robert Lee Gienn, Columbus
 Kim Marie Goedde, Lima
 Francine B. Goldberg, Beachwood
 Frederic William Goostree, Reynoldsburg
 Michael Edward Gordon, East Brunswick, NJ
 Jodi Ann Govern, Alliance
 Gregory Christopher Griffith, Kettering
 Dawn Elaine Gross, Lorain
 James Alan Guggenheim, Boca Raton, FL
 Susan Elizabeth Haas, Upper Marlboro
 Tracy Lynn Hahn, Fairview Park
 Janet Susan Hall, Worthington
 Roger Alan Hall, Columbus
 Carolyn L. Halstead, Cincinnati
 Elizabeth Ann Hanlon, Akron
 Ronald Lewis Harber, Jr., Springfield
 Kimberly Ann Harper, Somers, CT
 Victoria Rae Harris, Centerville
 Christine Anne Hashimoto, Cincinnati
 Phillip S. Haskins, West Jefferson
 Dwight Alan Hauger, Danville
 Timothy Edward Haight, Hannibal
 Georgette Goldberg Haydu, Columbus
 Stephanie Lynette Hayes, Westerville
 Bradley David Heidort, Rocky River
 Susan Lynn Henry, Westerville
 Harold Richard Hessler, Reynoldsburg
 Michelle Annette Hickman, Newark
 Nathaniel Lamar Hill II, Lancaster
 Patty L. Hockingberry, Newark
 Ellen J. Hogue, Newcomerstown
 Jennifer Ann Holden, Columbus
 Thomas William Honeywill, Jr., Columbus
 Brian Roger Hook, Columbus
 Marcia Jean Huffman, Westerville
 Robert J. Hufford, West Milton
 Kathryn Kim Hughes, Marion
 Eric M. Humbert, Cincinnati
 Susan Kay Hupp, Mansfield
 Jeffery Howard Hurdley, Austintown
 Tracy A. Imhoff, Pataskala
 Elizabeth Frances Jacobs, Cincinnati
 Carol Anne Jakubowski, Cincinnati

Duffy W. Jamieson, Rocky River
 Michael Dean Jenkins, Ashland
 Douglas Richard Jennings, Columbus
 Steven W. Jennings, Laramie, WY
 David Thomas Jingo, Canton
 Gordon Gottfried Johnson, Sea Cliff, NY
 Jack Deane Julian, Jr., Akron
 Karl Franz Kabelka, Columbus
 Jeffery Michael Kann, Columbus
 Anthony Theodore Kaplanis, Canton
 Catherine Currier Kapp, Columbus
 Adriane Rae Kara, Strongsville
 Debra Louise Katz, Toledo
 David Anthony Kellough, Chillicothe
 Sherman Douglas Kelly, Madison
 John Randall K'Meyer, North Fairfield
 Carol S. Korpi, Upper Arlington
 Karl J. Kotlan, Independence
 Thomas Paul Kraft, Dola
 Jane Marie Kress, Massillon
 Michael Lee Krumm, Columbus
 Kenneth Steven Kurland, Cleveland
 Darcee B. Kwait, Pepper Pike
 Christine Lynn Lambert, Grove City
 Gary Leo Lammers, Ottawa
 Angela Marie Lang, Spring Valley
 Dawn Marie Langel, Swanton
 Todd Philip Larsen, Columbus
 Jennifer Susan Latzy, Kettering
 Lorenzo Law, Jr., Cincinnati
 Lawrence David Leff, Akron
 Adrienne Beth Lehman, Richmond, VA
 Nancy Gail Leistner, Columbus
 Matthew Eric Levy, Pepper Pike
 Paul Henry Lewis, Columbus
 Sheryl Lynn Lidge, Akron
 Barbara Ann Lienert, Timberlake
 Paul David Lindsay, Schaumburg, IL
 Glenn Allan Lines, Worthington
 Marcy Ann Litman, Pittsburgh, PA
 Marion Homer Little, Jr., Columbus
 Siaw-Mei Low, Singapore
 Steven Fred Lowenstein, Mayfield Heights
 Joseph Gerard Majoros, Lyndhurst
 Heidi Angel Malamud, Sarasota, FL
 Robert Mark Maltz, Beachwood
 Betsy Marchetti, Centerville
 Caroline Maria Matarrese, Upper Arlington
 Michael Cameron Matheny, Columbus
 Marc David Matlock, Mayfield Heights
 Dennis Daniel Maxwell, South Zanesville
 Scott Anthony McClymonds, Avon Lake
 Elizabeth Anne McCormick, Warren
 William Tignat McCracken, Jr., Burlington, NC
 Jeffrey Williams McCray, Upper Arlington
 Vicki Michelle McMahan, Urbana
 Julie Anne McVane, Columbus
 Andrew Paul McVicker, Whitehouse
 John Robert Menninger, Fanwood, NJ
 Michelle Ellen Michael, Madison
 Mary Jo Milan, Brecksville
 C. William Miller II, Columbus
 Cory Donald Miller, Kettlersville
 Su-Chuen Alice Mong, Mansfield
 Jon Bradley Montgomery, Washington Court
 House
 Frank Phillip Mornino, Columbus
 Janet Lynn Morse, Huber Heights
 MaryClaire Mowcomber, Amherst

Richard Kevin Moxley, Galloway
 Jacqueline Jean Moyer, Ashley
 Renée Marie Mullen, Chardon
 John Douglas Muncy, Springfield
 Laura Ann Namie, Poland
 Gabriel R.E. Nafagas, New York, NY
 Sharilyn Jane Nestor, Wakeman
 Richard Ibe Nwachukwu, Nigeria
 Amy Regina O'Keefe, Columbus
 Thomas Berhman O'Keefe, Columbus
 Laura S. Oppenheimer, Columbus
 Scott Alan Oswalt, Three Rivers, MI
 Peter Lee Palmer, Columbus
 Hun Joo Park, Seoul, Korea
 Sheila Kay Parker, Lodi
 Lorrie Ann Paul, Steubenville
 Darren Rudolph Pavesi, Northvale, NJ
 Rusty Allen Payton, Chesapeake
 Terrence Wesley Penrod, Toledo
 Stephanie Jo Peters, Akron
 Michalene Marie Petras, Akron
 Elaine Paula Petroff, Akron
 Jacqueline Beth Phillips, Akron
 Mark David Platt, Cincinnati
 Lizette Marie Pinero, Rio Piedras, PR
 Renée Poleway, Worthington
 Evelyn Sue Pomerantz, Pepper Pike
 Laura Marie Pomerson, Bellevue
 Gregory Allen Price, Austintown
 Maria Isidro Price, Chantlersville
 Molly Gene Proto, Columbus
 Robert Paul Raker, Jr., Granville
 Mark Thomas Rawdon, Granville
 Angela Marie Ray, Pittsford, NY
 Anthony Philip Reid, Plymouth, England
 Bradley Aaron Reisenfeld, Cincinnati
 David E. Riber, Alfred, NY
 Deia Ilyce Rice, Euclid
 William Arthur Rich, Circleville
 John Lewis Riffe II, Utica
 Aimée Rachelle Rigel, Bowling Green
 Timothy James Riley, Garfield Heights
 Todd Douglas Riley, Zanesville
 Laura Ann Roberts, Cleveland Heights
 Judith Marie Robinson, Berea
 Gregory Robert Rochte, Sylvania
 Jeanne Marie Rueve, Cincinnati
 Cheryl Lynn Ruf, Cincinnati
 Robin Lynn Rugg, Rochester, NY
 Nadia A. Saloom, Centerville
 Esther Desiree Santo, West Alexandria
 John Leonard Sarra, Reynoldsburg
 James Stephen Scafell, Flushing, MI
 John H. Schaeffer, Woodville
 Regina Marie Schajatovic, Canfield
 Scott Howard Scharf, Lyndhurst
 Steven M. Schemeine, Delaware
 David Joseph Schermer, Worthington
 Lisa Anne Schiff, Columbus
 Warren Ray Schneider, Worthington
 Michael J. Schmitkey, Napoleon
 Joni Renee Serelson, Dayton
 Broadwood Wade Shamblin, Sidney
 Bruce Allington Shank, LaCanada, CA
 Shree Mohan Sharma, Upper Arlington
 Amy Michelle Shepherd, Flushing
 James Wayne Sheridan, Jr., Poland
 Lisa Ann Silbaugh, Columbus
 Ronald Joseph Singel, Sacramento, CA

Suneet C.R.D. Singh, New York, NY
 Jeffrey Scott Sites, Shelby
 Adam White Smith, Bellevue
 Julie Elizabeth Smith, Latrobe, PA
 Peggy S. Snyder, Pomeroy
 Jennifer Ruthanna Solt, Arlington
 Bruce Michael Sommerfelt, San Diego, CA
 Karl Alan Sommerkamp, Columbus
 Michael Fredrick Sosnowsky, Beachwood
 Paul Joseph Southern, Annandale, VA
 Katherine Sue Spies, Dover
 Luke William Starkey, Westerville
 Diann Lynn Stefan, Austintown
 David Keith Stein, Columbus
 Elizabeth Wesley Stephenson, New Philadelphia
 Mary Frances Stephenson, Portsmouth
 Stephanie Renee Stevens, Upper Arlington
 Scott Carlton Stewart, Pickerington
 Thomas Peter Stipica, Euclid
 Kristine Nicole Stoller, Cincinnati
 James Earl Straughn, Massillon
 Teresa Elaine Strausbaugh, Cygnet
 Denzil James Suite, New York, NY
 Lora L. Sullivan, Columbus
 Maureen Sullivan, Bay Village
 Julie Ann Swartz, Upper Arlington
 Raymond Abel Swogger, Hubbard
 Joan Elizabeth Sylvester, Worthington
 Emily Yolanda Talley, Columbus
 Andrew Nathan Tanen, Westport, CT
 Sherye Rejeana Tartt, Columbus
 Emiko Elizabeth Tate, Lebanon
 Jeanne Ann Thomas, Alexandria
 Richard Matthew Thomas, Bellaire
 Daniel Bush Thompson III, Cherry Hill, NJ
 Rosemarie Elynn Thornton, Youngstown
 Mark Steven Tibberts, Columbus
 Lauraine Helen Titus, Cape Town, South Africa
 Oleta Elaine Triplett, Grandview Heights
 Kristi Lovell Turner, Columbus
 Deana Elizabeth Turner-Montgomery, University Heights
 Stuart Joseph Uhler, Fairfield
 Robin Gail Underwood, Lorain
 Daniel J. Vaeth, Wooster
 David Thomas Van Schoik, Cincinnati
 Jacqueline Sabellon Veloso, Columbus
 Ann Elise Vincke, Kettering
 Yolanda Vines, University Heights
 Kimberly Kay Vogel, Kettering
 Julie Anne Vondrell, Lima
 Matthew Gerard Vosmik, Lyndhurst
 Simina Vouris, Wickliffe
 Jane Elizabeth Wade, Sandusky
 Anne Louise Wahlrope, Perrysburg
 Whitney Ellen Wallace, Wheelersburg
 Laura Anne Walker, Grove City
 Kevin Joseph Walsh, Lima
 Tori Lynn Washington, Gahanna
 Teresa Marie Weider, Greenville
 Debra Rena Welch, Conroy
 James R. Welch, Jr., Saratoga Springs, NY
 Jayne Leslie Werk, Franklin
 Joan Elizabeth Whaley, Coal Grove
 Susan T. Wiggins, Pittsburgh, PA
 Bruce Edward Williams, Kettering
 Dorothy Elizabeth Wittschen, North Ridgeville
 Michael D. Woodall, Pickerington
 Teresa Jane Woodruff, Gahanna

Rosemarie Arlene Yap, Warren
 Eva Jane Yarger, Elda
 Richard Lee Yekel, Canton
 Andrew Gordon Young, Waite Hill
 Keith Orrin Young, Newark
 Timothy Alan Zerwick, Columbus
 Lori Ann Zimmerer, Columbus

Bachelor of Science

Gail Robin Ahlefeld, Bucyrus
 Richard Wayne Ashcraft, Columbus
 Ellen Marie Bajorek, Wadsworth
 Keith Jacob Baker, Lorain
 Karl Arthur Behling, Columbus
 Linda Susan Broeck, Columbus
 Laura Churgovich, Seven Hills
 Daniel Lee Croghan, Jr., Akron
 Ginger L. Davis, Bedford
 Shelley Jo DeCarlo-Wetherill, Columbus
 Gina Ann DiMauro, Akron
 Sandra Kay Donson, Grove City
 Elizabeth Todd Earl, Cincinnati
 Patrick Charles Evans, Johnstown
 Linda-Maria Federici, Moorestown, NJ
 Teresa Lynn Fightmaster, Newark
 Laura D. Fisher, Portsmouth
 Aaron Michael Fritz, Akron
 Ronna Leah Gerson, Beachwood
 Walter Arthur Green, Cleveland Heights
 Adele Marie Guernica, Lima
 Allison Jill Guttman, Cincinnati
 Melinda Strammer Hanzely, Poland
 Pamela Mary Honsa, Hudson
 Kylene Jane Humphrey, Columbus
 Jeannine Marie Jannot, Mt. Vernon
 Theresa Marie Jaworski, Cincinnati
 Wendy S. Johnson, Elyria
 Larry Howard Keilin, Beachwood
 James Hill Kerr, Ashland
 Dean Eric Larkins, Elyria
 John David Layfield, Warren
 Lisa Lynn Lord, Westerville
 Jon Pierre Lorenzo, Solon
 John Louis MacDougall, Alexandria, VA
 David Gene Makowski, Toledo
 Nancy Corinda Matijasich, Solon
 Edmund Campion Moore, Columbus
 Susan René Moseley, Cleveland
 Laura Kaye Norman, Bay Village
 Elaine Beth Olsen, Akron
 Robert Stephen Pema, Columbus
 Stephen Douglas Pittman, Centerville
 Susan Ruth Powell, Nelsonville
 Patricia Ann Prince, Strongsville
 Dawn Renée Reese, Elda
 Patricia Ann Roach, Zanesville
 Richard Rosenthal, Bexley
 Michael Paul Rowlands, Reynoldsburg
 Mira Satiani, Columbus
 Gregory Mitchell Shad, Douglasville, GA
 Sharon Lou Schumaker, Medina
 Nehemya Sar Stollman, Windsor, Ontario, Canada
 Edith Ann Taylor, Akron
 Cheryl Jane Tibberts, Columbus
 Keith Ellis Tucker, West Chester
 Sharon Elena Vigder, Akron
 Charles David Warner, Wheelersburg

Dane Rebecca Watkins, Steubenville
Debra Sherman Wentz, Columbus
Sterling Lamont Wiggins, Yellow Springs

School of Journalism

Bachelor of Arts in Journalism

David Burton Adams, Chicago, IL
Barbara A. Albert, Grove City
Tracy Jo Arthur, Lima
Martha Ann Bartlett, Bellefontaine
John David Biros, Newark
Kenneth James Blackstone, Oakton, VA
Robyn Sue Blonstein, Dayton
Renee Bocko, Mineral Ridge
Kimberly Sue Borst, Columbus
Kimberly Ann Breese, Akron
Laura Maria Briedis, North Olmsted
Deborah Lynn Brockman, New Albany
Susan Marie Chervenak, Sagamore Hills
Rachelle Cohen, Dayton
Patricia Ann Colley, Ashley
Jennifer Anne Collins, Potosi Heights, IL
Jay Alvin Cooper, Westerville
Brian Patrick Davis, Columbus
Natalie Maria Davis, Franklin
Christopher William Durst, Westerville
Kathleen Marie Edgar, Powell
David M. Farrell, Springfield
Rebecca Wynn Fowler, Kilbuck
Deborah Ann Fradette, Westerville
Desiree Michelle Fuerst, Seven Hills
Paula Kaye Gates, Jefferson
Kathe L. Goldmeier, Bexley
Edward Scott Goodman, Wooster
Lisa Marie Grubb, Westerville
Tracey Leigh Hanlin, Springfield
Laura J. Hayden, Mansfield
Lynda Kaye Holmquist, Canfield
Carl William Horst, Jr., Cincinnati
Wendy Marie Immel, Worthington
Arthur C. Jackson, Jr., St. Louis, MO
Patrick Neal Jackson, Mt. Gilead
Timothy Edward Jones, Shadyside
Elizabeth L. Langer, Pittsburgh, PA
Barry D. Lanham, Navarre
Ina Rene Lubeach, Lima
Michael Andrew Marlow, Cincinnati
Tracy Lynn Maxwell, Bellaire
Diana Chiyo McCabe, Marysville
Jeffrey L. McCrea, Fresno
Deborah A. Moss, Middletown
Brian James Norris, Mayfield Heights
Jo-anne Frances O'Connor, Augusta, ME
Dimitre James Petroff, Akron
Rebecca Lee Pond, Elyria
Addie Lisle Prescott, Upper Arlington
Gina Marie Rogers, Columbus
Inginda Sautins, Perrysburg
Diane Katherine Schilling, Columbus
Patrick Charles Schultz, Norwalk
Stacy Ann Schwarz, Lorain
Denise Renee Seomin, Cincinnati
Donna Joan Shackle, Canton
Richard Morgan Skidmore, Bethel Park, PA
Christian Grant Sonju, Waukegan, IL

Bruce A. Sowards, Heath
David P. Stewart, Westerville
Kimberly Loraine Stock, Pickerington
Anne Karen Szymczak, Westlake
Steven Craig Tate, Canal Winchester
Carrie Sue Tribovich, East Liverpool
Connie June Vetter, Fairfield
Anne Catherine Vignolo, Centerville
Laurie Sue Webb, Kettering
Heather Lynn Weigand, Centerville
Gregory Thomas Wilson, Whitehall
James Charles Wilson II, Thornville

College of Administrative Science

Dean: H. Justin Davidson

Bachelor of Science in Business Administration

Michael James Abel, Lorain
Joseph Eugene Adutiore, Cincinnati
Shawn Thomas Ahern, Springfield
Azilah Ahmad, Batu Pahat, Johore, Malaysia
Linda K. Ahting, Cincinnati
Paul Martin Aitken, Painesville
James Campbell Aitbee, Hudson
Carolyn Elaine Albridge, Lima
DeAnn Rene Allen, Prospect
Christopher Adam Althouse, Columbus
Richard David Altman, Canton
Frederick P. Anderson, Maumee
Lori Sue Anderson, Columbus
Mark William Annis, Reynoldsburg
Gwendolyn Sue Arbaugh, Mansfield
George E. Argyropais, Zanesville
Richard Maynard Arndt, Mansfield
Timothy Matthew Arnholt, Worthington
Daniel Emmett Arnold, Rocky River
Vicki Ann Ashley, Columbus
John Spencer Audet, Upper Arlington
Kathleen Marie Augenstein, Huntington Beach, CA
Sami Nadeem Ayish, Elyria
Cheryl Anne Babbitt, Norwich, CT
Scott Andrew Bade, Huron
Craig Steven Bahner, Wheelersburg
Joe Bernan Bailey III, Columbus
Mark Duane Bailey, Mansfield
David Brent Baker, Findlay
Dennis E. Baker, Marion
Mark Alan Baker, Wilmington
Brian Charles Barker, Columbus
Ines Cristina Barnes, Columbus
Kayton Yvonne Barrows, Columbus
James Benson Barton, Granville
Elizabeth Clare Baughman, Cincinnati
Diane Louise Beasecker, Columbus
Daniel Edwin Beerbower, Upper Arlington
Scott Paul Bellingier, Lorain
Sally Elizabeth Benfer, Hudson
Jeffrey Harris Benkel, Dayton
Michael Dan Berya, Parma
Jeffrey R. Bibbo, Rayland
Gerald John Biedenharn, Elida
Terry Alan Bihary, Lorain
Kyle R. Blackburn, Columbus
Kimberlie Marie Blakeman, Lima

Frank Carl Bocinec, Massillon
Bettina Shepler Boles, Dover
Kathy Ann Boles, New Bloomington
Douglas Craig Bond, Akron
Timothy James Booth, Johnstown
Timothy John Borcharding, Decatur, IL
Elizabeth Mae Bower, Rawson
Laura Ann Bowling, Akron
James Michael Brady, Westerville
Robert Michael Bragg, Columbus
David John Brandt, Lorain
Bonnie Joan Brannigan, Wadsworth
Laura Lynn Briggs, Upper Arlington
Norman Dean Brisker, Mansfield
Deidre Alicia Brown, Queens, NY
Russell Scott Brown, Perry
Dale Gerard Bruggeman, Maria Stein
Stephen Walter Bruns, Kettering
Beth Ann Buchanan, Medina
Mark Edward Bucher, Wooster
Sienna Miller Bucy, Chillicothe
John Gerard Buehler, Bellevue
Joseph Larry Bumbledare, Hilliard
Tracie Ann Bundy, Westerville
Joseph Valentine Burger, Canton
Tal Douglas Burkhardt, Zanesville
Lori Jean Burnside, Columbus
Robert George Burridge, Jr., Cuyahoga Falls
Bradley Alan Busby, Napoleon
Martha Lou Butler, Wilmington
Stephen L. Butz, Springfield
Douglas John Byorth, Hilliard
Elizabeth Ann Byrne, Cincinnati
Kelley A. Byrne, Centerville
Debra Ann Cacchio, Columbus
Beth Ann Cain, Sylvania
Martin Allen Callahan, Perrysburg
Robert W. Camp, Columbus
Allen Lee Carpenter, Ravenna
Danielle Kim Carrier, Canton
Joan Ellen Carter, Reynoldsburg
Teresa Ursina Carter, Shaker Heights
Craig Alan Casdorph, Worthington
Ellen Beth Chabon, Toledo
Wanda R. Chlosta, Fremont
Steven Michael Chmara, Beachwood
Ann Fei Chong, Singapore, Singapore
Choy Fong Chung, Singapore
Renzo G. Cinti, Chagrin Falls
Christopher T. Cira, South Euclid
Nadine Lee Ciricillo, Columbus
Jeffrey Alan Clark, Hubbard
Shona Jo Cleveland, Newton Falls
Kristi Lu Cleveland, Marion
Timothy Martin Coady, Columbus
Yolanda Kay Coatney, Dayton
Maureen Helen Cogan, Kettering
Debra Renee Cohen, Beachwood
Heidi Hope Cohen, Beachwood
Natalie Ellen Cohen, Columbus
Scherrie Rae Coldwell, Willard
Paul Raymond Coleman, New Riegel
Timothy Allen Colvin, Marysville
Mary Ellen Conroy, Middleburg Heights
Steven Frederic Coon, Columbus
Ross Craig Cooper, Akron
Larry Bruce Cordial, Delaware
Susan Belows Cornett, Granville
Kevin Martin Cotleur, Lakewood

Craig James Cozza, Guilford Lake
 Darrel E. Creps III, Bay Village
 James Francis Croft, Coshocton
 John David Crowner, Sylvania
 Mark Douglas Cruza, Columbus
 Kevin W. Crull, Cincinnati
 Michael Lewis Crum, Portsmouth
 Russell Neil Cunningham, Columbus
 David James Curtis, Fulton
 Stephen Craig Cushing, Akron
 Deborah Jean Czwakiel, Lexington, MA
 Peter B. Dailey, Bay Village
 Jana Lynn Daniel, Pickerington
 Richard E. Danner, Jr., Morral
 Dwight Harold Davis, Huron
 Freddy Travis Davis, Woodsfield
 Gregory Michael Davis, Columbus
 James Bryan Davis, Huron
 Laura Pearson Davis, Gibsonburg
 Richard Curry Davison, New Milford, CT
 John Emerson Deam, Sidney
 Thomas George Dedula, North Royalton
 Brian Andrew Defelippi, Huron
 Denise R. Delagrangue, Dublin
 William J. Dempsey, Canton
 Tamer Deniz, Glenview, IL
 Walter Andrew Destocki, Jr., Franklin Furnace
 Joseph Louis Dete, Jr., Parma
 Glenn Charles Dietz, Ocean, NJ
 Elizabeth Ann DiGiandomenico, Newark
 Joann Divic, East Canton
 Jenifer Lyn Doherty, Toledo
 Troy Alan Donley, Conesville
 Patricia Lynn Donovan, Berea
 Richard David Dowell, Crestline
 Debra Lynn Dowling, Worthington
 David Leroy Drechsler, Beachwood
 Elizabeth Mary Dreese, Columbus
 Ann Martha Drury, Columbus
 Mary Kay Duffy, Reynoldsburg
 Rebecca Ann Dunn, Columbus
 Kevin Allen Durst, Euclid
 John W. Duwwe, Toledo
 Judy Lynn Eckstein, Newark
 Michael Scott Efron, Cincinnati
 Sharon Sue Elwing, Marion
 Elizabeth Anne Ely, Elyria
 Richard P. Emich II, Akron
 Scott Norman Engle, Cincinnati
 Bradley Arthur Farmer, Spring Lake, MI
 Charles L. Farris II, Columbus
 Ben Howard Feldmeyer, Galloway
 Christopher Douglas Fidler, Shelby
 Timothy Joseph Fiedler, Kettering
 Susan Joyce Filardi, Hazlet, NJ
 Thomas Andrew Finn, Columbus
 Elizabeth L. Firstenberger, Marion
 Michael H. Fish, Petoskey, MI
 James William Fitch, Chesterland
 Stephen John Fitz, Westerville
 Andrew Barton Fitzpatrick, Cincinnati
 Cynthia Ryals Fleming, Converse, LA
 Kerry Phillip Fleming, Marietta
 Gregory Fletcher, Cleveland
 Rebecca Sue Flowers, Worthington
 Gregory Allan Floyd, Tiffin
 Susan K. Folz, Springfield
 Paul Dennis Foor, Westerville
 Laura Kathleen Forrester, Strongsville

Daniel P. Foster, Columbus
 Marvin L. Founds, New Concord
 John Anthony Frabotta, Mayfield Village
 Jerry E. Francis, Huber Heights
 Allan Lee Frank, Columbus
 Richard Thomas Franz, Jr., Newark
 Laura Sue Frederick, Portsmouth
 Richard Dean Frink, Jr., Basking Ridge, NJ
 Scott Kevin Frost, Columbus
 Susan Jean Fry, Columbus
 Randy C. Gabbert, Delaware
 Randall Mark Gabel, Tiffin
 Kathleen E. Gallo, Cincinnati
 Martin Thomas Garlock, Lima
 Paul Louis Garrigan, Vermilion
 Gene John Gebols, Toledo
 Darren Duane Geddes, Columbus
 William Michael Geib, Lakewood
 Gary Jon Geiger, Toledo
 Lewis Chris George, Canal Winchester
 Michael Allen Gerbert, Rocky River
 William Dale Gilbert, Chillicothe
 Jeffrey Randall Gilliam, Reynoldsburg
 James Thomas Gilmore, Philadelphia, PA
 Michael Ellison Gingery, Columbus
 Cynthia Ann Girard, Worthington
 Cynthia Ann Gilton, Akron
 Lisa Beth Glaser, Canton
 David Lyle Glenn, Ashland
 Stephen Anthony Goddard, Sardis
 Kimberly Ann Godfrey, Sugar Grove
 Donna Lynne Goettler, Fairlawn
 Jeffrey Scott Gold, Columbus
 Mark Robert Gomersall, North Olmsted
 Gary Mitchell Good, Westerville
 Robert Joseph Goss, Columbus
 Richard Eric Gould, Columbus
 Thomas Mark Graham, Columbus
 Scott Bradley Gratz, Pandora
 Gary Paul Grden, Galena
 Marcy Beth Green, South Euclid
 Stacey Herschelle Green, Columbus
 Alita Gail Greene, Circleville
 Joyce Aileen Greenland, Lima
 David Paul Gries, Perrysburg
 Rosemary Carol Griesmer, Cleveland Heights
 David Scott Grissom, Stow
 David M. Haas, Marietta
 Barry Kent Hale, Proctorville
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 Peck Sin Sim, Singapore, Singapore
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 Mira Newell Zeisler, Galion
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 Thomas Charles Zengel, Dayton
 Christine Marie Zimmer, Columbus
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 Virginia Zrebic, South Amboy, NJ

Bachelor of Science in Labor and Human Resources

Kathleen Laux Carwile, Columbus

College of Agriculture

Acting Dean: Frederick E. Hutchinson

Bachelor of Science in Agriculture

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 Dawn Marie Jedlinsky, North Royalton
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 Rex Allen Knipe, Pleasantville
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 Olaf Goetz Krause, Lake Jackson, TX
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 Dale Arnold Krukemyer, Pemberville
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 Christopher Neil Nottke, Huron
 Cheryl Ann Noyes, Wooster
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 Bret Wystan Roof, Gahanna
 Gerard Lucien Rouvrais, Red Bank, NJ
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 James Timothy Sexton, Celina
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 John Garlough Shuey, Springfield
 Joseph Emmanuel Skinner, Logan
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 Dorrie Lyn Speckman, West Mansfield
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 Cynthia Renee Stein, Dalton
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 Jeffrey Brent Sutton, Circleville
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 Ann Elizabeth Yersavich, Columbus
 Gretchen Sue Zarle, Lexington, MA
 Loretta Davis Zimmerman, Radnor
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 Jeffrey Paul Zwiebel, Wapakoneta

Bachelor of Science in Food Science

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 Tisha Jane Simeral, Reynoldsburg

Bachelor of Science in Food Technology

David Wayne Calvin, Defiance
 Debra Rebecca Curtwright, Cincinnati
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 Martin James Hahn, Bellevue
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 Peggy Lynn Morrison, Dola

Bachelor of Science in Nutrition

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 Jerry Joe Boley, Coldwater
 Gregory Regis Poyle, Elyria
 Jon Closman Stocker, Wooster
 Elsie Eh-she Wu, Napoleon

School of Natural Resources

Bachelor of Science in Natural Resources

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 Sharon Marie Downing, Warren
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 Thomas William Howard, Centerville
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 Kevin Daniel Klingler, Kenton
 Gregory Edward Kostenko, Winnipeg, Canada
 Karen Marie Kramer, Fairlawn
 Marilyn Jo Kuhl, Milan
 Steven Carl Kursman, Cleveland
 John William Lehner III, Stow
 Kimberly Dene Maxwell, Worthington
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 Ronald Bennett Meyers, Dayton
 Douglas Eugene Miller, Tipp City
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 Neal Thomas Oberholtzer, Fremont
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Agricultural Technical Institute—Wooster

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 Michael John Lamers, Loudonville
 Marian Lanchman, Highland Heights
 Luke Thomas Lang, Wooster
 Julie Anne Leas, Greenville
 Elmer K. Leeper III, Dover
 John Nick Lioes, Wadsworth
 Rodney Eugene Long, Harrod
 Brian Scott Lowe, West Salem
 Therese Marie McDermott, Wilkowitz
 Patrick Abraham Lynch, Columbus
 Craig Alan Mason, Lima
 Crystal Lynn Maxson, Fredericktown
 Joy Jean McClellan, Vienna
 Marcia Louise McDermott, Fremont
 Audrey McMillen, Seville
 Terry Paul Mizer, Stonecreek
 Virginia Naff, Cleveland Heights
 Andrew W. Nichols, Perry
 William Kevin Orr, Chillicothe
 Jude Allen Ott, Norwalk
 David James Pease, Maumee
 David Alan Perry, Vickery
 Paul John Pfeifer, Wadsworth
 Kathleen Marie Phillips, Troy
 Karl E. Poenicke, Curtrice
 James Claude Prengaman, Derry, PA
 Keith David Rausch, Marysville
 Debra May Reed, Wooster
 Edward Allen Rehmert, Greenville
 John Wayne Roberts, Chillicothe
 Stephen Schneider, Columbus
 Darrin Robert Splierings, Avon Lake
 Bryan Eugene Spindler, Lowell
 Brent Michael Stark, Bryan
 Raymond Wilbur Stewart, Jr., Forest
 Steven Michael Straits, Millersburg
 Robert R. Tagg, Thompson
 Monty Scott Tarrh, Mt. Vernon
 Daniel Marc Tepper, Vermillion
 James Daniel-Roy Vincent, Newark
 Charles Francis Voytko, Garrettsville
 Scott Carlton Walton, Worthington
 Scott Eugene Welch, Polk
 Douglas Emery Wells, London
 Daniel E. Williams, Curtrice
 Dawn Allison Williams, North Baltimore
 Sheryl Ann Williams, West Liberty
 Eric Robert Wott, Clyde
 Philip John Zemanek, North Ridgeville

College of Dentistry

Dean: William R. Wallace

Doctor of Dental Surgery

Scott Wayne Arndt, Willard

Gregory Joseph Austria, Xenia
B.S. (University of Notre Dame)

Randall John Avers, Walbridge
B.S. (United States Naval Academy)

Jeffrey A. Babushkin, Plainview, NY
B.A.

Barry Paul Backiewicz, Gahanna
B.A. (Miami University)

David Read Backus, Sylvania
B.S. (University of Toledo)

Charles Seitz Baker, Toledo
B.A. (University of Toledo)

Roger Charles Baker, Toledo
B.A. (Miami University)

Wayne Sherwood Barker, Bay Village
B.A. (Wittenberg University)

Jeffery James Becker, Middlefield
B.A. (University of Toledo)

Stephen James Belli, Youngstown
B.S.

Mark Leo Billy, Youngstown
B.S. (Youngstown State University)

Michael R. Bisher III, Cincinnati
B.A. (Miami University)

Christopher Bleken Brauning, Nashport
B.A. (Hope College)

Daniel Joseph Brett, Brimfield
B.A. (Walsh College)

Mark Joseph Buchwalder, Beavercreek
B.S. (University of Dayton)

Michael Don Burkholder, Galion
B.A.

Robert Lee Caldwell, Shadyside
B.S.

Charles Vito Caponigro, Beechwood
B.S.

John Joseph Cermak, Chesterland
A.S. (University of Notre Dame)

Deborah Reams Champion, Massillon
B.S.

James Francis Cleary III, Cincinnati
A.D.N. (Cumberland College)

Robert John Clines, Euclid
B.S. (Westminster College)

Steven Martin Cohen, Beachwood
B.S.

Daniel Barry Collins, Bellevue
B.S.

Daniel R. Collins, Jr., Springfield
B.S. (Wright State University)

Robert Paul Cox, Brooklyn
B.S.

Gary William Crump, Warren
B.A. (University of Toledo)

Sean Francis Curran, Bratenahl
B.A. (Saint Vincent College)

Jeffrey Alan Dapoz, New Philadelphia
B.S.

Daniel Michael DeAngelo, Canfield
B.S.

Philip Samuel DeSenze, Jr., Wellsville
B.S.

H. Nelson Eddy, Ninety Six, SC
B.S. (University of South Carolina)

Donald John Elsbernd, Centerville
B.S. (University of Dayton)

Bradley Gail Erbeck, Mason
B.S.

Wayne Jeff Farber, Westchester
B.A. (Miami University)

Henry Fischbach, Mayaguez, PR
B.S. (University of Puerto Rico)

Timothy R. Fisher, Columbus
B.S. (University of Toledo)

Cindy Lynn Fixler, Cincinnati
A.B. (University of Michigan)

John Scott Folk, Worthington
B.A. (Miami University)

Frederic Arthur Foltz, Mansfield
B.A. (Miami University)

Mark Allen Foster, Columbus
B.A. (Miami University)

Edward Brian Fowler, Cortland
B.S.

Stuart Bradley Gair, Mentor
B.A. (Miami University)

Toni B. Georgiades, Toledo
B.A. (University of Toledo)

Jeffrey Mark Gibbs, Columbus
B.S.

Ronald Dean Hackney, Enon
B.A. (Miami University)

Kenneth James Hammer, Cleveland
B.S.

Orest Mychajlo Harkacz, Sr., Lorain
B.S. (University of Toledo)

Christine Anne Tender Harrington, Lorain
B.S., R.D.H.

Frederick A. Heiselman, Akron
B.S. (University of Akron)

Kathryn Agatha Hill, Caldwell
B.S. (University of Cincinnati)

Ruth Robin Holzman, Augusta, GA
B.A. (Miami University)

Erik Walter Hrabowy, Warren
B.A. (Kent State University)

Young Kil Jin, Dayton
B.A. (Miami University)

Stephen Matthew Joseph, Dayton
B.S. (University of Dayton)

Dale Stanley Kanner, Macedonia
B.A.

Steven J. Katz, Columbus
B.S.

Donald Charles Kent, Worthington
B.S. (Denison University)

Behrooz Khademazad, Rochester, NY
B.S. (University of Rochester)

Joseph Albert Koberlein, Uniontown
B.S. (University of Akron)

Edward William Kubic, Jr., Youngstown
B.S. (Youngstown State University)

Cathleen Ann Labate, Akron
B.S.

Cynthia Ann Laub, Cincinnati
B.S.

Daryl Marcus Lechner, Kettering
B.S. (Wright State University)

Stuart Jay Levy, Cincinnati

Geza Edmund Locsey, Columbus
B.S. (University of Toledo)

James Wade Logeman, Cincinnati
B.S. (Miami University)

George Edward Ludwig, Avenel, NJ
B.S. (Marietta College)

Collins Thomas Lyons, Augusta, GA
B.S. (Augusta College)

Stephen Floyd Mattin, Delta

James Eugene Mayer, Jr., Lambertville, MI
B.S. (East Michigan University)

Barbara Lynn McClatchie, Toledo
B.S.

Robert James McGovern, Toledo
B.A. (University of Toledo)

Christen George McVey, Cincinnati
B.A. (University of Utah)

Brenda Rene Merkel, Fort Wayne
A.S., R.D.H. (Indiana University)

Michael Anthony Michelakis, Warren
B.S.

Don Dudley Miller, Blue Rock
A.S., (West Liberty State College)

Richard Bruce Miller, Xenia
B.S. (University of the South)

Robert Alan Miller, Akron
B.S.

Michael James Misencik, Cleveland
B.S. (Kent State University)

John William Monheim, Orrville
B.S.

Matthew Charles Moor, Westerville
B.S., R.D.H.

Beth Ann Morgan Marks, Delphos
B.A. (Miami University)

Tracy Mark Murray, McConnelsville
B.S.

Paul David Nagy, Perrysburg
B.A. (Case Western Reserve University)

Richard James Nagy, Fairview Park
B.A. (Miami University)

John Philip Neary, Kettering
B.S. (Purdue University)

Kenneth William Nevar, Chesterland
B.A. (Miami University)

Timothy Lewis Nibert, Gallipolis

Robert Scott Owen, Granville
B.A. (Wake Forest University)

Laura Ilona Pandy, Lorain
B.A., B.S. (Bowling Green State University)

Raymond Lee Para, Cincinnati
B.A. (University of Cincinnati)

Michael John Parish, Hubbard
B.S. (Youngstown State University)

John Wesley Payne II, Mt. Vernon
B.S. (Ohio University)

Kimsey Kay Petkovic, Columbus
B.S.

Douglas F. Pohl, Maria Stein
B.S. (University of Cincinnati)

Harry Herbert Postle III, Columbus
B.S.

James Robert Potocnik, Cleveland
B.S.

Ladan K. Pourmoghdam, Columbus
B.S.

John Lee Prather, Cincinnati
B.S. (University of Cincinnati)

Samuel Nicholas Pupino, Boardman
B.S.

Jeffrey Everett Rhees, Oakwood
A.A., B.S.

Lisa Anne Richards, Blacklick
B.S.

Timothy John Richter, Cincinnati
B.S. (University of Dayton)

David Thomas Rothan, Cincinnati
B.S. (Xavier University)

Michael Joseph Rothan, Cincinnati
B.S. (Xavier University)

Aurora Roman Saddler, St. Louis, MO
B.A.

Gary Clinton Saddler, St. Louis, MO
B.S. (Amherst College)

Scott Ronald Sanders, Lakewood
B.S. (Bowling Green State University)

Timothy Joseph Sauber, Fremont
B.S.

Timothy William Schiller, Cincinnati
B.S. (Xavier University)

Deborah Howard Schindler, Oxford
B.S. (Miami University)

Nicholas Demus Schooley, Cincinnati
B.A. (Miami University)

David Joseph Schwegmann,
North Tonawanda, NY
B.S. (State University of New York at Buffalo)

Beth Ann Sheridan, Poland
B.S.

Alan Jay Shleier, Dayton
B.S.

Carole Ann Slencsak, Middleburg Heights
B.S.

Zenobia Lee Sowell, Maywood, IL
B.S. (University of Illinois)

Jon Toshiharu Tanabe, Honolulu, HI
B.S. (University of Oregon)

Marsha Yasue Tanabe, Honolulu, HI
B.S.

Jeffrey James Tibbs, Port Clinton
B.A.

Timothy Tomase, Oregon
B.B.A. (University of Toledo)

Andrew George Toth III, Troy, MI
B.S.

Larry Dean Towning, Zanesville
B.S.

Roger Paul Valliere, Westbrook, ME
B.A. (Colby College)

Jeffery R. Van Treese, Cincinnati
B.A. (Miami University)

Gregory R. Verderber, Cincinnati
B.A. (Miami University)

Peter William Veremis II, Saginaw, MI
B.S. (Saginaw Valley College)

Stephen John Wachendorf, Cincinnati
B.S. (Xavier University)

Cynthia Jackson Wadsworth, Westerville
B.A. (Miami University)

Marc Havens Wadsworth, Fremont
B.S.

Michael Todd Wagenhauser, Toledo
B.A. (University of Toledo)

Barbara Rusanowsky Webster, Akron
B.A. (Miami University)

Daniel Ray Weininger, Sycamore
B.S.

Lynn Marie Wellman, Springfield

Todd Edward Williams, Wyoming
B.A. (Wittenberg University)

Elaine Marie Winter, Murrysville, PA
B.S. (John Carroll University)

Charles Grover Wolfe, Mentor

David Allen Wyatt, Poland
B.S. (Grove City College)

Robert Glenn Yeager, Mogadore
B.S. (University of Akron)

Thomas Aquinas Yonchak, Chesterland
B.S. (Loyola University)

Kevin E. Young, Warren
B.S. (Kent State University)

Mary-Ann Zanoudakis Wolf, Akron
B.S. (University of Akron)

Certificate of Graduate Dental Hygienist

Jo Beth Bailey, Coal Grove

Roseanne Marie Bigos, Port Clinton

Diane Lynn Blumberg, Lorain

Jana Elaine Booth, Hermitage, PA

Catherine Lucy Borer, Tiffin

Jeanne Renee Bridenbaugh, Pandora

Lisa Ellen Butler, Rocky River

Susan Lynn Clark, Bryan

Kelly Rae Cox, Westerville

Ellen Susan Crawford, Dublin

Shelley Jo DeCarlo-Wetherill, Columbus

Gina Ann DiMauro, Akron

Judy Ann Ekstrand, Broadview Heights

Linda-Maria Federici, Moorestown, NJ

Teresa Ann Freeman, Columbus

Sondra Kay Gamble, Winona

Kathleen Ann Gravenkemper, Dayton

Elizabeth Jane Hagan, Zanesville

Stephanie Lynette Hayes, Westerville

Beth Joan Hehr, Bucyrus

Michelle Annette Hickman, Newark

Kylene Jane Humphrey, Columbus

Luann Frances Kendall, Orrville

Angela Marie Lang, Spring Valley

Julie Ann McVane, North Canton

Janet Lynn Morse, Huber Heights

Teri Lynn Mullen, Milan

Tammy Rose Nevins, Dayton

Christine Diane Pawlyszyn, Seven Hills

Cynthia Mae Pilati, Bloomingtondale

Barbara Lynn Place, Vincent

Maria Isidro Price, Chandalersville

Patricia Ann Prince, Strongsville

Beth Anne Restille, Mansfield

Dawn Louise Rippon, Wakeman

Sharon Lou Schumaker, Medina

Denise Marie Sheehy, Warren

Jennifer Ruthanna Solt, Arlington

Annette Louise Staver, Lima

Teresa Marie Weider, Greenville

Kim La-Kietta Williams, Cleveland

Dorothy Elizabeth Wittschen, North Ridgeville

Michelle Renée Zimmerman, Dayton

College of Education

Dean: Donald P. Anderson

Bachelor of Science in Education

Jack David Aakhus, Columbus
Lisa Denise Ackerman, Centerville
Wilma Faye Adams, Wheelersburg
Abubakar Garba Kafar Ahmed, Bauchi, Nigeria
Sally Kathryn Ailes, Alliance
Charles August Aldag III, Columbus
Deborah C. Allinder, Marion
Robert A. Altenburger, Ottoville
Linda Marie Anthony, Westerville
Marna J. Appelfeller, LaRue
Lisa Lynn Arnold, Worthington
Dominique M. Astier, Columbus
Theresa Ann Backs, Lima
Jo Beth Bailey, Coal Grove
Lana Sue Baker, Columbus
Nancy Joanne Baker, Portsmouth
Lynda Carol Barry, Marion
Beth Anne Barwick, Pickerington
Lois Kay Baumgardner, Elida
Michael David Beckmeyer, Cleves
Molly Layne Beery, Lancaster
Lorrie Lynn Belcher, Delaware
James Franklin Bender, Bucyrus
Joseph Eugene Beringer, Jr., Dayton
Lisa Holly Berliner, Columbus
Judith Ann Block, Mayfield Heights
Gilbert Dennis Bloom, Columbus
Jana Elaine Booth, Hermitage, PA
Sandra Kay Borders, Marion
Laurie Ann Bosel, Salem
Nancy Jane Bowman, Cincinnati
Stephana Jean Bowsher, Lima
Stephanie Alice Boyd, Lakewood
Mary Dysle Brainard, Cincinnati
Tamara Kay Branham, Portsmouth
Paula Marie Breitfeller, New Albany
Elizabeth Bastian Brown, Waynesfield
Elizabeth Sarah Brown, Lyndhurst
Michael Richard Brown, Dresden
Jean Elizabeth Browne, University Heights
Philip Wayne Brunton, Columbus
Deborah Lynn Bucholtz, Painesville
David Frederick Buckholz, Middleburg Heights
James Christopher Buffer, Columbus
Kevin Scott Burden, Toronto, Ontario
Lisa Ann Cain, LaRue
Lori Ann Cain, Grove City
Terri D. Caito, New Albany
Eileen Marie Callahan, Lorain
Kimberly Ann Cameron, Auburn, ME
Judy Louise Canfield, Reynoldsburg
Kimberly Joan Carney, New Lexington
Jayne Ellen Carpenter, Grove City
James Steven Carper, Springfield
Linda Jane Carter, Wapakoneta
Pamela Sue Casey, Columbus
Melissa Renee Castetter, Terrace Park
Steven Kent Chapman, Bryan
Gary Lamont Charles, Cedarville
Belinda Kay Clark, Columbus
Karen Lynn Clark, Worthington
Patricia Eileen Clay, Galloway

Anne Coleman Cockley, Mansfield
Debra Marie Colbert, Palos Park, IL
John David Collier, Pickerington
Candelyn Cay Coon, Tipp City
Mary Jean Creswell, Mt. Gilead
Michelle Meister Cruickshank, Strongsville
Bruce Frederick Cupp, Columbus
John Ray Davis II, Newcomerstown
Sandra Kay Davis, Lima
Elizabeth Dean, West Mansfield
Judith Dean, West Mansfield
Mary Louise DeCesaro, Middletown
Theresa Ann DeFrancisco, Ostrander
Susan Marie DeGraaf, Columbus
Robert Evan DeLauder, Shelby
Joseph Michael De Rico, Columbus
Julie Ann DeStazio, Columbus
Karen Sue Dever, Pickerington
Karen Sue Disbennett, Marion
George Lazarus Disch, Columbus
Coleen Marie Donahue, Loveland
Richard Matthew Donley, Springfield
Glenn James Douglass, Worthington
Michele Joann Dragas, Timberlake
Kay Lynn Drake, Circleville
Kathy Lucille Dukes, Columbus
Sherrie LeAnn Dunn, Marion
Nancy L. Eagleston, Mansfield
Carolyn Chism Earl, Cincinnati
Hollys Marie Easterling, Cuyahoga Falls
Alicia Sue Eckhart, Columbus
Connie Sue Edington, Columbus
Laura Jean Eichinger, Chester
Jon Allen Enyart, Fairborn
Jayne Amelia Ervin, Delphos
Pamela Sue Eyink, Coldwater
Dina Jo Falbo, Shadyside
Julian Coyne Fausel, Rocky River
Jeannie Marie Feurer, Westerville
Marcia Lee Flaig, Lebanon
Christine Maria Fleck, Columbus
Amy Jo Fleming, Harrod
Carol Annette Fluharty, Columbus
Ann Elizabeth Fornataro, Jacksontown
Marie Therese Free, Lexington
Todd Douglas Gee, Cincinnati
Laura Louise Gierhart, Wapakoneta
Darlene E. Gilberg, New Bremen
Joan Marie Gillen, Toledo
Yamile Mary Gonzalez, Wooster
Kathleen Mary Gormley, Warren
Peter Lawrence Gough, Columbus
Susan Dorothy Grant, Reynoldsburg
Katherine Lee Graul, Columbus
Kathleen Ann Gravenkemper, Dayton
Diana Lynne Green, Gahanna
Kristen Maria Greenwood, Ashtabula
Sharla Diane Griffin, Akron
Jodi Lynn Gwin, Newark
Elizabeth Jane Hagan, Zanesville
Lori Ann Halfer, Richmond
Sheila Marie Haley, Columbus
Richard John Hamsher, Bexley
Debbie Lou Harbour, Upper Sandusky
Mary Louise Hardesty, Wooster
David James Harnack, Columbus
Laura Ann Harper, Columbus
Donna Lynn Harris, Elyria
Francine Lynn Harris, Cincinnati

Jeni Lynn Harris, Columbus
JoAnn Hauser, Lyndhurst
Beth Joan Hehr, Bucyrus
Rebecca M. Helmlich, Marion
Augustus Henry Heisey, Granville
Sharon Lynn Heiskell, Circleville
Cynthia Ann Helden, Cleveland
Michael Ralph Herron, Columbus
Doug Hill, Miami, FL
Tracy Lynn Hindes, Delaware
Carol Maria Hinton, Fountain Valley, CA
Mary Margaret Holcomb, Richmond
James Shelton Holloway, New Carlisle
Amy Ann Horstman, Scio
Kathleen Siobhan House, Solon
Jane Ann Hoying, Anna
Marilyn Smith Huffman, Tiffin
Cheryl Evans Jason, Cardington
Teresa Ilene Jeffords, Springfield
Jana Jeanette Johnson, Columbus
Rachel Janet Johns, Worthington
James Paul Jones, Celina
Tonda J. Jones, Coshocton
Jeffrey Michael Jurkovic, Youngstown
Douglas James Justus, Columbus
Paul Anthony Kahle, Lima
Byron Keith Kaufman, Lima
Mary Beth Kelleher, Alliance
Holly Lee Keller, Columbus
Luann Frances Kendall, Orrville
Lynnette Marie Kennedy, New Albany
Scott David Ketner, Ottawa
Katherine Carol Kidwell, Lima
Melinda Sue King, Elida
Lisa Lynn Kingseed, Galion
Wendy Sue Klein, Pepper Pike
Hope Sovine Kline, Ashtland
Lori Diane Kodish, Akron
Carolyn Price Kraner, Marion
Michael T. Krieger, Maumee
Donald Emanuel Krolak, Columbus
Mark Wayne Kryling, Findlay
Kathryn Louise Kubik, Whitehall
Marcy Anne Kupchella, Cleveland
David Alan Lang, Mansfield
John Richard Jr. Larkin, Greenfield
Edward Paul Laubacher, Canton
Michael Scott Leeete, Winter Springs, FL
Lori Sue Long, Galion
Kelly B. Looby, Galloway
Anita Diana Loris, Mansfield
Joan Helen Louth, Lima
Siew Hong Low, Singapore
James Lee Mader, Columbus
Alise Mangano, Brookville
Jeffrey Jay Marshall, Dublin
Diane Thomas Martin, Heath
Lloyd D. Martin, Columbus
Michael Alan Massie, Pickerington
Vicki Lynn Matro, Kettering
Brenda Marie Matson, Cloverdale
Elizabeth Birau Maurath, Columbus
Kimberly Dene Maxwell, Lockbourne
Harry Bennett Mayfield, Columbus
Stanley Howard McCauley, Orient
Ann Elizabeth McDermott, Solon
Ricky Eugene McIntosh, Lisbon
Tenah Ridge McMahan, Raymond
Kathleen Rene McMillen, Columbus

Julie Marie Meeker, Columbus
 Dennis Larry Meeks, Piqua
 Carol Frances Merritt, Grove City
 Theresa Lynn Meseroll, Monroe
 Jody Betzhooover Metz, Morrow
 Lisa Marie Meyer, Columbus
 Karen Fay Michael, West Mansfield
 Darla Lynn Miller, Toledo
 Dana Lee Montgomery, Dayton
 Lisa Elaine Moody, Centerville
 Michele Marie Morock, Columbus
 Wayne Richard Morris, Delphos
 Murvin Lee Jr. Morrow, Columbus
 Penelope Jo Moser, Mansfield
 Robert Arthur Moses, Canton
 David Ronald Jr. Moskovitz, Chicago, IL
 Maureen Ann Masure, Canfield
 Curtis F. Mott, Kearns, UT
 Jill Ann Mucha, Painesville
 Teri Lynn Mullen, Milan
 Ezetta Irene Murray, Cincinnati
 Theresa Jo Musille, Mansfield
 Diana Lynn Myers, Huntsville
 Belinda Anne Nauman, Richwood
 Donna Faye Nelms, Middletown
 Tammy Rose Nevins, Dayton
 Julie Catherine Nicol, Chesapeake
 Denise Diane Nisbett, Warren
 Sandra Jean Olanyk, Westerville
 Deborah Ann Owen, North Olmsted
 Jill LiShawn Parrish, Dayton
 Susan Lee Patterson, Delaware
 Debra Williams Payne, Columbus
 Lenore Nadine Perisa, Masury
 Rhonda Lynn Perry, Columbus
 Erika Sue Pfeifer, Columbus
 Linda Lee Pickett, Olmsted Falls
 Angela Denise Pifer, Kenton
 Carolyn Gay Pittenger, Columbus
 Barbara Lynn Place, Vincent
 Janice Beth Ponting, Wadsworth
 Quentin Dale Potter, Columbus
 Scott Bryan Potter, Reynoldsburg
 Cathleen Ann Quinn, Toledo
 Vincent Lee Redman, Circleville
 Beth Anne Restille, Mansfield
 Jennifer Lyn Restuccci, Columbus
 Tara Diane Reuber, Dayton
 Joyce Ann Rhine, Lima
 Cheryl Ann Richcreek, Pleasant City
 Cynthia Sue Riedlinger, Plymouth
 Denise Renee Riehle, Edgerton
 Annette Lou Riley, Ashville
 Lisa Marie Riley, Wooster
 Dawn Louise Rippon, Wakeman
 Gregory Wayne Rivers, Galion
 Sally Katherine Roberts, Lyndhurst
 Katherine Howe Robinson, Akron
 Holly Beth Rodgers, Independence
 Antoinette Cecilia Roesch, Columbus
 Jamie Joseph Roller, Worthington
 Betsy Ringler Rosen, Columbus
 Kimberly Ann Rucker, Port Clinton
 Theresa Anne Sainato, Reynoldsburg
 Patty Marie Salisbury, Ottawa
 Stacey Ann Saltzman, Beachwood
 MaryLynn Dorothy Saul, Franklin
 Sarah Linn Schaad, Waterford
 Mary Elizabeth Schmidt, Galloway

Jill Ann Schoener, Columbus
 Sarah Ellen Schult, Perrysburg
 Annette Marlene Schwartz, Columbus
 Robin H. Scott, Chagrin Falls
 Laurie Ann Secord, Lockport, NY
 Cathy Anne Serfozo, Newark
 Robert Brian Shankle, Galion
 K. Amy Shaw, Westerville
 Denise Marie Sheehy, Warren
 John Wayne Shepard, Newark
 James Richard Jr. Sherfey, Mansfield
 Mary Beth Shivers, Salem
 Paul Franklin Shomper, Huber Heights
 Karen Marie Sickles, Newark
 Tammy Dee Siclar, Galion
 Beth Ann Siefker, Ottawa
 Lorraine Kay Siegel, Mansfield
 Julie Elizabeth Sillin, Elida
 Linda Ann Simone, Columbus
 Brenda Lee Singleton, Utica
 Shirley Mae Skinn, Norwalk
 Nancy Beth Slack, North Kingsville
 Barbara Marie Smith, Perrysburg
 Cynthia Corcoran Smith, Worthington
 Mary Helen Smith, Johnstown
 Karen Howard Smoot, Springfield
 Gregg Michael Snouffer, Delaware
 Robin Lynn Spath, Mansfield
 Laura Ann Spector, Aurora
 Tracy Lynn Spencer, Waynesfield
 Pamela Jo Spurrier, Galena
 Mark Eugene Staffan, Galloway
 Marie Elaine Stemkowski, Shadyside
 Margaret Ann Stetler, West Jefferson
 Denise Lori Stewart, Sabina
 Edward Eugene Stewart, Whitehall
 Mark Alan Stickle, St. Louisville
 Karen Elizabeth St. John, Elmore
 Karen Lynn Stockdale, Lakewood
 Judith Ann Stuckey, Bucyrus
 Kelley Jean Swabb, Worthington
 Patricia Marilyn Swartz, Marion
 Gregory Lewis Swearingen, Columbus
 R. Lowell Taylor, Prospect
 Margaret A. Toft, Upper Arlington
 Chia-Ching Angela Tu, Ping-Tung, Taiwan
 Rebecca Lynn Turson, Plymouth
 Christine Nancy Tysl, Cleveland
 Jeffrey Thomas Utrecht, Cincinnati
 James Michael VanGilder, Tallmadge
 Claudia Jean VanHorsten, Medina
 Luke Horvath Vargulich, Campbell
 Linda Bell Vernon, Coshocton
 Dawn Marie Vishey, Chagrin Falls
 Melissa Ann Vogt, Cincinnati
 Janet Marie Vuksta, Youngstown
 Mary Catherine Walliser, Tiffin
 Jerry Andrew Walters, Bellville
 Kelly Ann Waltz, Lima
 Lisa A. Warehime, Wilmington
 Gardner Michael Watkins, Columbus
 Ellen Ruth Waugh, Somerset
 Walter Eberly Jr. Wellstead, Perrysburg
 Diane J. Wentz, Lakewood
 James Elsworth Westendorf, Reading
 Gale P. Whaley, Chagrin Falls
 Anne Raye White, Radnor
 David Earl Whitehair II, Newark
 Sara Louise Wildoner, Wilmington

Marlene Joyce Williams, Prospect
 Reba Thrasher Williams, Detroit, MI
 Diana Sue Williamson, Van Wert
 DeAnne Willmann, Cincinnati
 Cathy Jean Wilson, London
 Dawn Elizabeth Wilson, Mineral Ridge
 Elizabeth Jo Wilson, Columbus
 M. Elizabeth Wilson, Whitehouse
 David John Winter, Columbus
 Kirby Alan Wister, Marion
 Julia Ann Wiswasser, New Riegel
 Deanna Kay Wolf, Kenton
 Martha Moroney Womeldorph, Phoenix, AZ
 William Lee Woodford, Champion
 Kimberly Marie Woravka, Columbus
 Kymme Denise Wright, Columbus
 Laura Lynne Yazel, Marion
 Cynthia Lee Young, Westerville
 Kathleen Anne Young, St. Albans, WV
 Linda Lou Zartman, Mansfield
 Jean Ann Zimmerman, Fairview Park
 Gayle E. Zucker, Lyndhurst
 Gail Rena Zwick, Mt. Gilead

**Bachelor of Art Education and
 Bachelor of Music Education
 degrees are offered jointly by the
 College of the Arts and
 the College of Education.
 Candidates are listed under
 the College of the Arts.**

College of Engineering

Dean: Donald D. Glower

Bachelor of Science in Aeronautical and Astronautical Engineering

Che-Zulhikam Bin Abidin, Kangar, Perlis, Malaysia
 Akram Abdelqader Alish, Amman, Jordan
 Charles A. Babish IV, Beavercreek
 Robert Perry Baker, Charleston, SC
 Michael Steven Bending, Dayton
 David Allen Brescia, New Hartford, NY
 Scott Wayne Bryant, Dayton
 Charles Daniel Califf, Piqua
 Mustafa Bin Daput, Johor, Malaysia
 William Charles Dickson, Whitehouse
 David Nicholas Drake, Columbus
 Michael Richard Eirk, Louisville, KY
 Gregory Bruce Ennis, Vermilion
 Debra Ann Fogle, Columbus
 Leo Joseph Gallick, Whitehall
 Richard Brent Gibson, Cambridge
 William Steven Gulker, Upper Arlington
 Donald V. Hallock, Bridgeville, PA
 Michael Douglas Harsh, Columbus
 James Ernest Hood, Irondale
 Jack Howard Jacobs, Toledo
 Maureen Ann Kennedy, Springfield
 Robert Michael Koehler, Carrollton
 Christopher Todd Kugel, Celina
 Dean Mark Latta, Chesterland
 Francisco Roberto Lopez Istiarte, West Haven, CT
 Alex Leroy Macinnis, Germantown
 John Robert Marien, Cincinnati

Ivan Gregory McClanahan, Columbus
 Michael Michaud, Garfield Heights
 Robert Joseph Morgan, Shaker Heights
 Jeffrey Alan Palmatier, Westfield, NJ
 Frank Anthony Pakuch, Oregon
 Robert Randall Playter, Bryan, TX
 Scott Allen Provost, Northfield, IL
 Alan Walter Rosebrock, Napoleon
 Mathew Lee Rueger, Dublin
 Michael John Rysz, Rossford
 Michael David Sandoval, Irwin, PA
 Mark Kent Shoemaker, North Royalton
 Douglas Robert Smith, Medina
 Melisa Opal Smith, Cincinnati
 Sandra Lee Snelling, St. Paris
 William Theodore Thomas, North Royalton
 Wayne Alan Ulman, Columbus
 Michael William Wolter, Huntington, NY
 Raju Hiralal Zaveri, Bombay, India

Bachelor of Science in Agricultural Engineering

Curtis William Alden, Woodbine, MD
 Todd Matthew Alexander, Pittsburgh, PA
 John Robert Flanders, Canton
 Wade Shelby Huston, Mt. Sterling
 Scot Alan Irvin, Delaware
 John Mathew Schmidt, Hudson
 Jeffrey Alan Stauch, Dublin

Bachelor of Science in Aviation

Jeffrey W. Bowes, Amherst, NH
 Jill Anne Brown, Wooster
 Stephen Paul Conaway, Cincinnati
 Gerard Patrick Downey, Columbus
 Sharon Kathryn Hajdin, Bridgeport
 Diane Lynn Harper, Tacoma, WA
 Freddie P. Henderson Jr., Shelby
 Eric Richard Huefner, Spartanburg, SC
 David Thomas Kruse, Elida
 Linda Ann Kuhl, North Olmsted
 William Louis Mills, Dublin
 Naim Mohammad, Karachi, Pakistan
 Steven Joseph Mueller, Greenville
 Kevin Christian Rogers, Columbus
 Jerold Arlen Staufer, Medina
 Richard Kenneth Story, Whitehouse
 Gary Lee Weaver, Newark

Bachelor of Science in Ceramic Engineering

Philip Corey Blum, Ashtabula
 Loretta J. Cordrey, Dayton
 Arthur Wesley Foltz, Newark
 Gregory Scott Franklin, Duncan Falls
 Mary Anne Hobson, Columbus
 Richard Edward Kilgore, Wheelersburg
 Biljana Kuzarevski, Columbus
 David Jeffrey Magley, Worthington
 Kathleen Elaine Pollock, New Albany
 Gregory S. Sellers, Lima

Bachelor of Science in Chemical Engineering

Mark Daniel Abel, Waynesburg
 Timothy Mark Allen, Dover
 Jeffrey E. Baker, Wheelersburg
 Steven Patrick Belding, Columbiana
 Timothy Bentley, Columbus
 Cynthia J. Bishop, Cincinnati
 Ritu Chaudhari, Dublin
 Deborah Lee Gardell, Columbus
 Michael Leonard Gilles, Richmond Heights
 Stephen Paul Green, Cincinnati
 Edward Michael Grodecki, Seven Hills
 Jeffrey Lee Hempling, Findlay
 Thomas Brian Henry, Kuala Lumpur, West Malaysia
 Ronald Raymond Hill, Jr., Parkersburg, WV
 Donald John Hoffmann, Detroit, MI
 Melissa Ann Hulburt, Poland
 Bipender Swarup Jindal, Columbus
 Kenneth Herbert Keuchel, Tallmadge
 Donald Eugene Kneir, Harrison
 Sandra Lee Kowaleski, Indianapolis, IN
 Daniel Jay Littlefield, Manetta
 John Arden Lytle, Columbus
 Beth Louise Molloy, Port Clinton
 Kathleen Mary Murphy, Cuyahoga Falls
 Robert Joseph Nolan, Columbus
 Thomas John Paquin, Madison
 Daniel Eric Pritts, Findlay
 Brian Patrick Rice, Dayton
 Isaac Anthony Robinson III, Bluefield, WV
 Sherry Elaine Roddy, Warren
 John Patrick Sage, Rolling Meadows, IL
 Mitzi Latanya Schell, Atlanta, GA
 Andrew John Sherman, Mentor
 Douglas E. Smith, Centerville
 Robert John Stadlander, Mantua
 Lori Ann Stiefel, Columbus
 Stephanie Lin-Lin Sung, Worthington
 Thomas Talbert, Cambridge
 Karen Sue Troy, Columbus
 David Patrick Vance, Marysville
 Rick D. Worthington, Fletcher
 Brian Andrew Yanok, St. Clairsville

Civil Engineer

Joseph Lewis, Columbus

Bachelor of Science in Civil Engineering

Dean Case Aldrich, Solon
 Ahmad Munir Arayssi, Beirut, Lebanon
 Amr Bachir Arayssi, Beirut, Lebanon
 David Anthony Baltzer, Columbus
 Scott Robert Bennett, Bath
 Ghassan E. Chidiac, Bikfaya, Lebanon
 Daniel Taylor Crago, Millersburg
 Nadia Djegham, Sousse, Tunisia
 James Frank Dreher, Strasburg
 Kathleen Elaine Dussault, Columbus
 Mohamed Naceur Eladib, Tunis, Tunisia
 James William Farrell, Geneva
 Jesús Salvadore González Diaz, Valencia, Venezuela
 Vincent Mark Guzzo, Columbus
 Harjeet Singh Hardev Singh, Spoh, Malaysia
 Robert Charles Harr, Sylvania

Kerry Steven Hogan, Brunswick
 Jamal Samir Houssami, Columbus
 Paul Bradley Jones, Upper Arlington
 Shan Kong Lee, Kuala Lumpur, Malaysia
 Jeffrey Lee Loyall, Hamburg, NY
 Michael F. McCarthy, Brookpark
 Steven Konrad Meier, Portage, MI
 Patrick Joseph O'Donovan, Mt. Healthy
 John Anthony Patrick, Highland Heights
 John Allen Ray, New London
 Jeffrey Scott Sands, Newark
 Tedjo Simon, Medan, Indonesia
 Allan P. Stegkamper, Willoughby
 Abdel-Ghani Fouad Tawil, Beirut, Lebanon
 Robert Ross Thompson, Eaton
 Deborah Ann Trierweiler, Wooster
 Marija Beth Yoho, Gallipolis

Bachelor of Science in Computer and Information Science

Abdullah Abdullahi, Mashad, Iran
 Hosni Ihsan Adra, Tripoli, Lebanon
 Nadir Khalid Amra, Strongsville
 Helge Anderson, Bergen, Norway
 Catherine H. Armstrong, Columbus
 Greg James Avery, Clyde
 Hwa Jin Bae, Columbus
 Jean Ellen Banker, Norwich, NY
 Anthony Lee Barbour, Akron
 Kathryn E. Barlow, Fort Worth, TX
 George Charles Barns, Alexandria, VA
 Dale Erwin Beasley, Bryan
 Daniel Bien, Columbus
 Michael Anthony Boehmer, Kettering
 Amy Jo Boston, Columbiana
 David J. Chong, Solon
 Kevin James Claus, Tiffin
 Brian George Davis, Port Jefferson Station, NY
 Jeffrey A. Douglas, Columbus
 David Scott Ebert, Sandusky
 Sarah Ellen Ebert, Waldo
 Joseph Thomas Fischbach, Reynoldsburg
 Karen Griffo Folrod, Worthington
 John Richard Forsythe, Coshocton
 Richard Melvin Gabel, Jr., Tiffin
 Jeffrey L. Gerckens, Columbus
 Bent Gether-Ronning, Oslo, Norway
 James Vernon Giddens, Silver Lake
 Soo Hye Goh, Malacca, Malaysia
 Steven Gary Grafton, Silver Lake
 Thomas Oren Haas, Findlay
 Gary L. Hartman, Columbus
 Melissa Kay Haunhorst, Delphos
 Elaine M. Hsu, Columbus
 Theresa Ann Jenkins, Blacklick
 Steven B. Jennings, Wadsworth
 Gisle John Joergensen, Bergen, Norway
 Susan Elizabeth Keeler, St. Albans, WV
 Richard Joseph Krejci, Medina
 Robert Alan Lane, Highlands, NC
 Dennis Jude Linnevers, North Olmsted
 George Chee Ping Loh, Singapore, Singapore
 Alexander Montague Main, Columbus
 John Michael McCarthy, Canton
 Mark Francis Menden, Toledo
 Anthony L. Mullins, Columbus
 Janelle Lynn Poling, Lancaster

Janene Lee Poling, Lancaster
 Robert E. Powers, Brecksville
 Jill Anne Raudabaugh, Marion
 William M. Raudabaugh, St. Marys
 Gary David Reiner, Carroll
 Blake Alan Roberts, Middletown
 Rebecca Lynn Roberts, Fairborn
 Mark Patrick Roden, Westlake
 Michael Jon Rus, Cincinnati
 Damian Martin Saccocio, Columbus
 Robert Alan Schreiber, Lyndhurst
 Randall Lewis Schrickel, Cadiz
 Sara Louise Schnier, Stow
 Ove Skeie, Arnatveit, Norway
 Christopher Lee Smith, Columbus
 Robert Eugene Smith, Columbus
 Tawni Moore Stroud, Huber Heights
 Stephen Grant Sullivan, Columbus
 Lisa Jan Taylor, New Matamoras
 Michael Alan Teets, Marysville
 Soe An The, Jakarta, Indonesia
 Mark Daniel Thomas, Sagamore Hills
 Frank Vincent Vallone, Columbus
 Karen T. Wallenhorst, Cincinnati
 Thomas John Wills, Memphis, TN
 Chee Mun Michael Yip, Kuala Lumpur, Malaysia
 Alexandra Marie Zolagus, Macedonia

Electrical Engineer

Bhagwan Dass Lahoti, Columbus
 Joseph Alan Leach, Pickerington

Bachelor of Science in Electrical Engineering

David Michael Acker, Toledo
 Babar Rashid Ahmed, Lahore, Pakistan
 William Otis Bailey, Jr., Columbus
 Robert Keith Beachler, Tiffin
 Randall Leigh Beckner, Cincinnati
 Edward John Bedner, Richmond
 Stephen Robert Bennett, Columbus
 Joseph Louis Benver, Columbus
 Jeffery Andrew Berrie, Fairborn
 Richard Allen Bosl, Westlake
 Steven Wayne Brim, Kenton
 Duc Quang Bui, Columbus
 Brian Richard Campbell, Sagamore Hills
 Joseph William Carl, Jr., Satellite Beach, FL
 Carol Jean Carr, Englewood
 Michael John Cavanaugh, Fairview Park
 Hasan Aziz Charania, Karachi, Pakistan
 Tan Van Chu, Columbus
 Stephen William Cook, Rochester, NY
 Nathan Leroy Davenport, Spencerville
 Gregory Ross Dougald, Kettering
 Brian Ray Echard, Waverly
 Robert Andrew Ehret, Whitehouse
 Thomas Brian Elter, Kettering
 Gregory Alan Erickson, Cincinnati
 Debra Lynn Fugitt, Orrville
 David Marc Gentili, Cincinnati
 Michael Gottlieb, Ramat Hasharon, Israel
 Mark R. Graham, Flushing, NY
 Jeffery Wayne Griffith, Lima
 Andrew Jay Harris, Galion
 Arwin Harsono, Indonesia

Steven Allen Hendrickson, Astoria, OR
 Todd Andrew Hitt, Westerville
 Philip Earl Hoffer, Columbus
 Peter Lloyd Holmes, Perry
 Eugene Hudock, Highland Heights
 Gerald Alan Hunt, Ironton
 Timothy James Ikeler, Cincinnati
 Mark David Jacunski, North Olmsted
 Lauren Marie Janusz, Columbus
 Philip Morgan Jones, Westerville
 Thomas Karabinas, Garfield Heights
 Kenneth Elder Kerr, Findlay
 Hooman Khabiri, Columbus
 Duou Kim, Seoul, Korea
 Stephen Edward Kley, Cincinnati
 Crystal Renee Kolarik, South Charleston, WV
 Gary Lee Kosanovic, Columbus
 James G. Kuczma, Parma
 William Edward Lampe, Hamilton
 Chi-Kwong Lee, Hong Kong
 Dale Alan Lehman, Westlake
 Hooman Khabiri, Columbus
 Sean Martin McCarthy, Bay Village
 Vance Millard McMillan, Douglasville, GA
 David Neal Mezera, Dayton
 Christopher I. Michael, Columbus
 Carl Andrew Mottayaw, Mansfield
 Dennis Lynn Mueller, Centerville
 Gregory James Myers, Mentor
 Seth James Myers, Akron
 Arthur P. Paradissis, Amherst
 Tushar M. Patel, Sylvania
 James John Pavlescak, Middleburg Heights
 Wayne Allan Penix, Grove City
 Todd Michael Penkowski, Mentor
 Gary Alan Petrick, Mentor
 Vladimir Rankovic, Columbus
 Anil Kumar Rastogi, Worthington
 Carol Marie Reno, Bloomingburg
 Fred Richard Rentzel, Jr., Whitehall
 Robert Bruce Richart, Centerville
 Jose Mario Rios Alvarez, Santa Ana, El Salvador
 Neil David Sater, Olmsted Falls
 John Edward Saunders, Columbus
 Otto Lee Schellin, Jr., Akron
 Eric Ward Schmidt, Indianapolis, IN
 John A. Schnurrenberger, West Mansfield
 Jeffrey Roger Schultz, Centerville
 Marc Edward Sherman, Circleville
 Stuart Arthur Slack, Columbus
 David Daniel Smith, Columbus
 Gerald David Steeke, Sebring
 Chris N. Steffas, Fairview Park
 Paul Bradley Steiner, Kokomo, IN
 Eric Allen Stephenson, Lorain
 Lynn Elise Stover, Beaver Creek
 David Todd Subar, Cincinnati
 Stephen Henry Sweitzer, Gahanna
 Bich M. Thai, Kettering
 Paul J. Throckmorton, Huber Heights
 David Gregory Toth, Euclid
 Warren Paul Toth, Geneva
 Robert Edward Truthan, Akron
 Hong Tsaï, Wauha, Hubei
 Steve Wilson Turner, Columbus
 James Adam Utrecht, Cincinnati
 Kirk David Urmeý, West Milton
 Barry Landon Veney, Jr., Warsaw, VA
 Susan Diane Vondruska, Brook Park

Christopher James Ward, Cincinnati
 Franklin Eston Wirsing, Columbus
 Ho Hing Wong, Hong Kong
 Douglas Dean Yoder, North Canton
 Brian George Young, Groveport
 Paul Randolph Younger, Findlay

Bachelor of Science in Engineering Physics

Donald Eddy Grooms, Dayton
 David Stuart Hidingier, New Philadelphia
 Petro Issa Khoury, Birzeit, Jordan
 Michael L. Koehler, Columbus
 John Howard Menke, Westerville
 Dean Alan Zody, Ontario

Industrial Engineer

Anthony Owen, Westerville

Bachelor of Science in Industrial and Systems Engineering

Roger Ray Aber, Ashland
 Victor Eugene Ackley, Zanesville
 Michael Gross Averion, Pomeroy
 David Edmund Bartels, Columbus
 Craig Ellis Black, Cincinnati
 David R. Brackenhoff, Elyria
 Douglas William Brewer, Findlay
 James Half Brown, Euclid
 Mark Andrew Chambers, Galena
 Chee Chen Cheng, Johor Baru, Malaysia
 Raymond Paul Czwakiel, Beaver Creek
 Daniel Joseph Donahue, Toledo
 Arthur John Emrick, Indian Lake
 Richard John Ferrone, Middletown
 Marianne Grannan, Cincinnati
 Kevin James Johnson, Kirtland
 Scott David Kemp, Cincinnati
 Kristine M. Koblenzer, Seven Hills
 Ralph August Kramer, Cincinnati
 Jean Therese Linn, Westlake
 Michael Allen Machemehl, Delaware
 Todd Anthony Manifold, Kettering
 Thomas Jeffery Mann, Amherst
 Timothy David Marsh, Worthington
 Selden W. McKnight, Jr., Orangevale, CA
 John Joseph Murphy, Newark
 Kurt Lawrence Niemeyer, Bexley
 Lisa Anne Pipkorn, Centerville
 William Travis Proctor, Parkman
 Thomas E. Reed, Columbus
 Jeffrey Glenn Reynolds, Orrville
 Allen Isaac Roth, Beachwood
 Jeffrey Eugene Schorr, LaRue
 David Stanley Spotts, Fairborn
 Mark Wesley Thurman, Dover
 Michael Philip Walters, Springfield
 David Forrest Williams, Chesapeake
 Keith Richard Winner, Fort Loramie
 Jeffery Allen Yaroma, Fairview Park

Bachelor of Science in Mechanical Engineering

Paul Abrahamson, Highland Park, IL
 Thomas John Ahrens, Minster
 Doncella D. Alexander, Columbus
 Eric Kurt Bartkus, Mentor
 Mark Roberts Beaver, Columbus
 Ronald Alan Beer, Mansfield
 Michael James Bernert, Steubenville
 Kenneth A. Bertelson, Kettering
 Stephen M. Besette, Malone, NY
 Stephen J. Bissmeyer, Cincinnati
 John Dwight Blaney, Ashville
 Gerald W. Blankenship, Piqua
 Richard David Blickley, Piscataway, NJ
 Robert Stephen Bowe, Canton
 Douglas Edward Boyd, Huber Heights
 Lawrence Gregory Boyles, Farmington, MI
 Christian Tobias Calvo, Kennebunk, ME
 Tahar Chouikh, El-Alia, Tunisia
 Thomas Edward Cook, Columbus
 Andrew David Cothrei, Metamora
 James W. Dandalides, Chardon
 Kameron DeVente, Cincinnati
 Steven Wesley Dibert, Urbana
 Wayne Alan Donaldson, Kettering
 Deborah Lynn Donovan, Ft. Myers, FL
 Bradley Keith Dotson, Marysville
 Daniel Ray Downing, New London
 Greg Earl Fischer, Cincinnati
 Stephen Michael Frankart, Alameda
 Joel Patrick Gebbie, Reynoldsburg
 George C. Harless, Jr., Columbus
 Charles C. Henderson, Salem
 Lewis Arthur Hodgett, Jr., Middleburg Heights
 William Owen Hogue, Dayton
 Robert William Hyde, Kettering
 Scott Alan Jacobs, Centerville
 Tony H. Kim, Fairview Park
 Boen Tjin Lauw, Singapore
 Kevin Edward Layden, Cleveland
 Paul Philip Leahy, Circleville
 Michael Patrick Lewis, Cleveland
 James Douglas Linerode, Canton
 Timothy Matthew Lis, North Olmsted
 John Arthur Long, Detroit, MI
 Richard Kent Ludwig, Gahanna
 Ronald Jon Luffy, Columbus
 Vance Mitchell Lyles, Brunswick
 Mary Ellen MacKinnon, Geneva
 Daniel P. Marty, Gahanna
 Kelly Terrin McAfee, Massillon
 Gregory William Meade, Cincinnati
 Jerome E. Moore, Jr., Canfield
 Frank Eugene Neff, Jr., Kenmore, NY
 Patricia Ursula Neff, Lancaster
 Aaron Yau-Wai Nip, Hong Kong
 Mark Andrew Noltemier, Columbus
 Burton Tadao Otani, Canton
 Andrew Louis Ouellette, Columbus
 James Jerome Palmisano, Willoughby
 Richard A. Pfarrer III, Dayton
 Gregg Evan Pyers, Killbuck
 Cameron Eugene Pytel, Columbus
 Jeffrey Lee Schmerbeck, Clyde
 Lois Lynn Schmitt, Souderton, PA
 Judy Lee Simmons, Kingsville
 Patrick Joseph Smith, Punksutawney, PA
 John William Sohl, Bay Village
 Andrew Jay Son, Akron
 Terry Lee Stewart, London

Kirk Bruno Thut, Chagrin Falls
 Jeanne Ann Valencic, Oregon
 Daniel Anthony Waina, Mentor
 John R. Walsh, Midland Park, NJ
 James Michael Weger, Delphos
 Colin Ian Wigney, Charlotte, NC
 Jeffrey Howard Williams, Avon Lake

Bachelor of Science in Metallurgical Engineering

David Lester Blevins, Piqua
 Loren Mathew Blumberg, Richmond Heights
 Douglas Wayne Christian, Marshall, TX
 Daniel Paul Cook, Cincinnati
 Jonathan Craig Evans, Strongsville
 Robert Edward Lionetti, Wadsworth
 Steven Larry Lohmeyer, Bloomington, IL
 David Michael Miller, Lancaster
 Thomas Steve Namola, Jr., Warren
 Allen Matthew Pesec, Painesville
 Scott Douglas Scarberry, Springfield
 Scott Duane Shambaugh, Perry
 Joan Mary Steigenwald, Lyndhurst
 Gustavo Rafael Tirado Garcia, Columbus

Bachelor of Science in Surveying

Paul Timothy Dinan, Zanesville
 Robert Charles Harr, Sylvania
 James Richard Weinandy, Bowling Green

Bachelor of Science in Welding Engineering

Craig Eric Adams, Lima
 Kevin Patrick Arnold, Columbus
 John Anthony Barrett, Bucyrus
 Kevin Arthur Beardsley, Kingsville
 Jeffrey Conrad Becker, Atlantic Highlands, NJ
 Curt Douglas Carlson, Chicago, IL
 Jeffery Dale Chandler, Elyria
 Douglas Wayne Christian, Marshall
 Peter Earl Daum, Northfield
 Robert Jeffrey Ding, Columbus
 Daniel Lawrence Dittman, Castro Valley, CA
 James Matthew Gruenbaum, Marysville
 Robert Gale Hoey, Pittsburgh, PA
 Oussama Ali Jammal, Beirut, Lebanon
 Joseph M. Kalinowski, Cleveland
 Steven Allen Kochery, Benwyn, IL
 Timothy Joseph Lamantia, Toronto
 Howard Walter Ludewig, Mingo Junction
 Timothy J. Mascarella, Montville
 John Edward Maslakowski, Dunkirk, NY
 Carleton R. Miller, Columbus
 Dan Benet Mitchell, Prospect
 Richard Thomas Ruebusch, Toronto, Canada
 James Nick Sajatovic, Willoughby Hills
 Timothy Joseph Sayre, Cincinnati
 Peter Dewey Schmidt, Kettering
 Michael Douglas Sellers, Marysville
 Michael B. Shelton, Powell
 Scott David Similan, Midland, MI
 Richard Thomas Skebo, Johnstown
 Robert Mitchell Turton, Westerville
 Clyde Carl Verhoff, Glandorf

Emerson Joel Walker, Kilgore
 Steven Lee Worthington, Waynesfield

School of Architecture

Bachelor of Science in Architecture

Ahmad Nazri Abd Aziz, Kedah, Malaysia
 Eric Charles Anderson, Patterson, NY
 Laya Arasta, Teheran, Iran
 Robert William Dazel, Sylvania
 John Coffman Deinhardt, Columbus
 Keith Leslie Dewey, Reynoldsburg
 Donald Robert Fosnight, Covington
 Colleen Lynn Hart, Worthington
 Timothy C. Hawk, New Philadelphia
 Kevin K. Kemner, Plainwell, MI
 Brian Edward Kiggins, Mentor
 Donald Lawrence Klein II, Toledo
 Richard David Luber, Barberton
 Thomas Patrick McKercher, Kalamazoo, MI
 Kevin F. McQueen, Brookfield, CT
 Rokiah Bt. Mohd Yusof, Petaling Jaya, Malaysia
 Roslina Muda, Malaysia
 Craig William Murdick, Columbus
 Edward Neal Nabakowski, Amherst
 Chee Choy Ng, Seremban, N.S.
 John Paul Paszke, Groveport
 Michael J. Pierry III, Seven Hills
 Norliza Tajul Rahim, Kuala Lumpur, Malaysia
 Gregory D. Ray, Canfield
 Michael Todd Roush, Columbus
 Todd Philip Schram, Cincinnati
 Susan Leslie Seastone, Shelby
 Kheng Cheow Sin, Pelabuhan Kelang, Malaysia
 Geoffrey K. Smith, Jr., Grove City
 Elena Sofianou, Nicosia, Cyprus
 Morgan Delynn Spencer, Columbus
 Ramliah Talib, Johor, Malaysia
 Chii Hwa Tay, Tawau, Sabah, Malaysia
 Donald Hendrick Wesley, Flint, MI
 David Willis Williams, Ashtabula
 Bret Alan Young, Columbus

Bachelor of Science in Landscape Architecture

Madelyn Helene Awe, Columbus
 James Lawrence Blythin, Elyria
 Jeffrey Richard Bryan, Youngstown
 Ann Marie DeBrosse, Piqua
 Jeffrey Alan Deeds, Youngstown
 Sheri Ann Dinus, Crestline
 Stephen Gerard Doe, Maumee
 David Joseph Driapsa, Bainbridge
 Stephen G. Eberly, Columbus
 David A. Esler, Wauconda, IL
 Michael Troy Holloway, Reynoldsburg
 Maria Ann Janosko, LaGrange
 Donald L. Jewett, Ashland
 Daniel Joseph Johnson, Toledo
 Michelle Kern, Akron
 Keith Edwin Kittle, Montezuma
 Roger Edward Lutz, Moorestown, NJ
 Gregory John McPherron, Columbus

Kevin Douglas Might, Canfield
David Pandel Savic, Dublin
William Frederick Schwartz V, Elyria
Thomas Jeffery Smith, Kettering
John David Swearingen, Jr., Liberty Center
James Randal von Stein, Arlington
James Andrew Voytus, Hudson
Louise Christine Zimmerman, Fairview Park

College of Home Economics

Dean: Lena Bailey

Bachelor of Science in Home Economics

Anne Carol Abramovitz, Pittsburgh, PA
Lori Paige Allison, Longboat Key, FL
Christine Augeris, Seven Hills
Laurel Ann Bassett, Lexington
Mira Gajanan Bhatt, Columbus
Rebecca Edith Bogen, Columbus
Corinne Ann Bolster, Cleveland Heights
Heldi Sue Brewer, Marengo
Julie Jo Brookhart, Piqua
Kristen Lynn Brooks, Columbus
Julie Ann Burton, Delaware
Cheryl Lynn Carr, Fremont
David Wayne Cline, Columbus
Cheryl Marie Collins, Columbus
Rhonda Elizabeth Cookenour, Columbus
Lori Ellen Corle, Celina
Cheryl Dianne Crouse, Columbus
Lisa Delesk, Columbus
Jacqueline Sue Donovan, Columbus Grove
Richanne Lynn Dradt, Wintersville
Susan Lee Dykstra, Alpharetta, GA
Elizabeth Jean Fitch, Columbus
Victoria Fong, Cleveland
Wanda Lynn Foor, Pataskala
Marilyn Kay Gamble, New Bloomington
Laurie Ann Gerhardt, Centerville
Elizabeth Jean Goldsliager, Reynoldsburg
Jodi Leigh Hareison, Dublin
Melinda L. Harmon, Columbus
Angela Sue Harper, Chillicothe
Betsy Lynn Hart, Cecil
Mary E. Harshorn, Columbus
Jon Bradford Hawk, Toledo
Nancy Jean Heidkamp, Columbus
Juliana Heist, Alexandria
Roland Charles Hemker, Delphos
Natalie Ann Jacob, North Royalton
Rowena Pearl Jagger, Centerburg
Teresa Marie King, Union City
Karen Lynn Knight, Columbus
Kathryn Sue Leonard, Youngstown
Tammera Sue Levering, Bucyrus
Sue A. Littrell, Columbus
Kelly Keopka Loell, Erie, PA
Amy Suzanne Logue, Belpre
Lori Sue Long, Galion
Deborah Ann Macklin, Columbus
Theresa Marie Mansour, Youngstown
Lisa Melaragno March, Columbus
Tracy Kitt Marsh, Piqua
Kimberly Martin, Columbus
Deleana Dee Mays, Hilliard

Sharon Rose McGary, Columbus
Carol Ann McGrath, Columbus
Karen Sue Mecklenburg, Fairborn
Brenda Sue Nedderman, Celina
Lisa Novotney, Columbus
Addie Melise Oosthuizen, Dayton
Donna Jean Osterloh, Minster
Dawn L. Pemberton, Heath
Stephanie Lynn Porter, Fayetteville, NC
Beth Ann Reichelderfer, Tarlton
Carla Kay Ricketts, Pickerington
Mildred Beatrice Rife, Columbus
Cynthia Gail Robinson, Columbus
Jodi Beth Rubinstein, Canton
Karen Lynn Rysavy, Columbus
Teresa Jeanne Salmen, Columbus
Lynne M. Schmalenberger, Columbus
Gwynne Marie Schretter, Columbus
Linda Sue Schrider, Medina
Rebecca Lenor Scott, Columbus
Renee Marie Seipel, Bowling Green
Juliet Lynn Selig, Upper Arlington
Susan Dana Serafini, Martins Ferry
Julie Ann Silk, Columbus
Sarah Lyn Smalley, Jackson Center
Brenda Sue Smith, Columbus
Susan Lynn Stevenson, Columbus
Jennifer Lynn Stickley, Covington
Kelley Anne Swaim, Fairborn
Nancy Elizabeth Swisher, Columbus
Holly Sue Tanner, Mt. Sterling
Patricia Ann Tennill, Columbus
Frank J. Valenti, Columbus
Rhonda Lea Vanbuskirk, Circleville
Sara Lynn Vertuca, Lima
Kimberly Karen Wade, Newark
Melinda Dawn Weiler, Mt. Gilead
Bonnie Lee Wheaton, Dresden
Kimberly M. Williams, Springfield

Bachelor of Science in Nutrition

Raymond Joseph Baddour, Mansfield
Joseph Arthur Gerber, Columbus
Yuka Marushige, Okemos, MI
Sue Anna Meadows, Columbus
Rebecca Ann Miller, Bolivar
Lora Jean Shirley, Mentor

Bachelor of Science in Restaurant Management

Christina Anne Barnhart, Chillicothe
Steven Eric Charnas, Shaker Heights
William Diamond Eggeman, Wadsworth
Adam Richard Gilbert, Columbus
Jonathan Lee Krantz, Beachwood
William Grant Leahy, Sag Harbor, NY
Mary Kay McMichael, Bucyrus
Michael Daniel Mullins, Columbus
Lisa Y. Ogden, Grove City
Carolyn Jane Wolf, Columbus

College of Law

Dean: Francis X. Beytagh, Jr.

Juris Doctor

Philip Lon Allen, Whitehall
B.A. (Miami University)
Nacrina Emilie-Divina Alvarez, Marysville
B.A.
Barbara Freda Andelman, Shaker Heights
B.A. (Cornell University)
John Richard Anderson, Delaware
B.A. (Ohio Wesleyan University)
Gary David Andorka, Lorain
B.A. (University of Toledo)
Stanford Apseloff, Kent
B.A. (University of Pennsylvania),
B.S. (Wharton School of Business),
M.B.A. (University of Chicago)
Jeffrey A. Ayres, Chillicothe
B.A. (University of Kentucky)
David Scott Barbee, Ravenna
B.A. (The King's College)
William Craig Bashein, Pepper Pike
B.A.
Marc Todd Baumgarten, Merrick, NY
B.A. (University of Michigan)
Samuel Charles Beale, Huntsville, AL
B.A. (Harvard University)
Jeffrey John Beigel, Sidney
Bachelor of Philosophy (Miami University)
Jeffrey Franklin Bender, Bucyrus
B.A.
Elizabeth Anne Berner, Dayton
B.S. (Indiana University)
Stephanie Lynn Bisca, Columbus
B.A.
Linda Ann Blair, Chillicothe
B.A.
April Center Bloom, Michigan City, IN
B.A. (Lindenwood College)
Olga Lydia Bosques, Washington, NJ
B.A. (Rider College)
Cathy Lynne Bosworth, Westfield, NY
B.A. (University of Michigan)
Jerry Leigh Bunge, Columbus
B.S. in Architecture
Elizabeth Schorpp Burkett, Brunswick
B.S.
Clare Ellen Cass, Pompton Plains, NJ
B.S., B.A. (Bucknell University)
Perry Michael Chappano, Mingo Junction
B.A.
Sheila Resnick Chodosh, Columbus
B.A. (Kean College of New Jersey),
M.P.A.

Karen Louise Clouse, Canal Winchester B.A. (Capital University)	Gregory George Gallas, Independence A.B. (Ohio University)	Dale Angela Hunte, New York, NY B.S. (Brooklyn College)
Richard Alan Cole, Dayton Bachelor of Philosophy (Miami University)	Rita Marie Garry, Mentor B.A. (John Carroll University)	Robert Louis Hust, Columbus B.A. Jour.
James Patrick Connors, Cleveland Heights B.A. (Miami University)	Susan Beth Gellman, Milwaukee, WI B.A. (Brandeis University), M.S. (Columbia University)	Peter Anthony Igel, Upper Arlington B.S. (Miami University)
Curt Douglas Cooper, Ashland B.S. (Ashland College)	Pamela Suzanne Gibson, Brookfield, WI B.S. (Carroll College)	David John Isaac, Madison B.A. (College of William and Mary)
Maureen Corcoran, Lakewood B.A. (Kenyon College)	Robert Scott Gilmore, University Heights B.A. (University of Cincinnati)	Dean Lawrence Jacob, Marion B.A. (University of Notre Dame)
John Robert Cummins, Cincinnati B.A. (Northwestern University)	Kathryn Lynne Girardat, Cochran, PA B.A. (The Pennsylvania State University)	Kelly Michael James, Zolfo Springs, FL B.S., B.A. (Washington State University)
Barbara Diane Dallis, Youngstown A.B. (Wellesley College)	Lawrence Allen Glassmann, Cincinnati B.A. (University of Cincinnati)	Scott Zelman Jelen, North Canton B.A. (Kent State University)
William Ray Damsel, Worthington B.S. (United States Military Academy)	Kenneth Anthony Golonka, Jr., Richmond Heights B.A. (University of Notre Dame)	James Michael Jones, Westerville B.A. (Miami University)
Mark Richard Dancer, Traverse City, MI B.A. (University of Colorado)	Linda Marie Gordon, Delaware B.S.	Amy Elizabeth Kellog, Avon Lake B.B.A. (University of Toledo)
Carol Anne Davis, Greenfield B.A.	Jannai Charlane Goslee, Hebron, MD B.A. (Hampton Institute), M.A.	Scott Allen King, Columbus B.A.
John Roger Davis, Newton Falls B.S. (Miami University)	Herman Edward Gregory III, Cleveland A.B. (Kenyon College)	Elizabeth Ida Kiovsky, Columbus B.A. (Northwestern University)
Linda Miller Doyle, Columbus B.S., M.A. (Ohio University)	Kathleen Strange Gross, Huntington, WV B.S. (Temple University), M.S. (SUNY College, Buffalo)	Neil Edward Klingshirm, Avon Lake B.B.A. (Kent State University)
David Patrick Dureska, Canton B.S.	Donell R. Grubbs, East Liberty B.A. (Ohio Northern University)	Stuart Michael Kodish, Akron B.A.
Jean Marie Duvall, Westfield, NJ B.S. (Case Western Reserve University)	Andrew Henry Haas, Lakewood B.A., B.S.	Taso William Konstantacos, Canton B.A., B.A., M.A. (Ohio University)
Teresa Ann Earley, Gahanna B.S. (Northwestern University)	Scott Aaron Halpert, Beachwood A.B. (University of Michigan)	Ruth Anne Koutras, Canton B.S., M.S.
Mark Scott Edelman, Shaker Heights B.A. (University of Michigan)	Derek Spraker Hamalian, Athens B.S. (Ohio University)	Anne Margaret Kozelek, Columbus B.A.
Barbara Ann Farnbacher, Dayton B.S. Ed.	Alicia Marie Handwerk, Fredericktown B.A. (Ohio Northern University)	Jonathan Todd Krassenstein, Shaker Heights B.S. (Miami University)
Jeffrey Charles Ferkol, Mentor B.A. (Kent State University)	Constance Picolia Harris, Pinehurst, NC B.A. (University of Massachusetts)	Randall K. Lacey-Jordan, Columbus B.A. (Amherst College)
Matthew Finnegan, Marion A.B. (Ohio University)	David Wendell Herrington, Mantua B.A. (Clemson University)	Steven Gerard LaForge, Columbus B.A., M.A. (University of Illinois)
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Doctor of Medicine

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School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Stacey Elizabeth Addams, Marysville
Victoria Lynn Althouse, Upper Sandusky
Kevin Scott Baird, Shelby
Elizabeth Ann Bailey, Painesville
Mary Malissa Bards, Ashland
Susan Diane Barkley, Fairlawn
Melinda Kay Barrett, Fairborn
Pamela Lynn Beck, Columbus
Cindy Ann Beery, Logan
Carey Jo Bell, Berea
Teresa Marie Bendele, Wapakoneta
Cynthia Ann Berner, Columbus
Robert Joseph Biernot, St. Clairsville
Martha Lee Bonnett, Belmont
Nancy Marie Booth, Zanesville
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Ruth E. Bright, Portsmouth
Heidi Joy Briscoe, Columbus
Annette Lynn Brown, Lima
Sheryl Ann Brown, Beavercreek
Lori Jean Burkhardt, Loveland
Joan Diane Busson, Doylestown
Brent Walter Byerley, Akron
Laura Marie Carmody, Lancaster
Karyn Ellen Carpenter, Belpre
Kathryn Haigh Carpenter, Columbus
Karen Marie Cech, Wickliffe
Jeri Dianne Chandler, Salem
Tina Marie Chiacchiarri, Mayfield Heights
Maureen Sue Cline, Columbus
Paul Anderson Cline, Worthington
Roberta Lynn Collins, Worthington
Ann Catherine Corthell, Tiffin
Shelly Rae Craig, Mt. Vernon
Catherine Christine Crosby, Yellow Springs
Keith Lee DeMorrow, Dublin
Kimberly Lu Detert, Tipp City
Karen Lynn DiDonato, Steubenville
Mary Judith Droughton, Olmsted Falls
Brenda Jean Duncan, Columbus
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Lori Ann Enders, Mt. Orab
Allison Gail Frangos, Yorkville
Lana Arlene Fried, Dayton

Anthony Jay Frisby, Strongsville
 Gregory Allen Frontz, Bylesville
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 Sharon Eileen Garvin, Toledo
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 Robert Charles Hawk, Circleville
 Paula Marie Helmig, Lima
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 Larissa Kay Hill, Frankfort
 Michelle Marie Hinko, Euclid
 Lisa Marie Holscher, Osgood
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 Patrice Marie Jackson, Mentor
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 Donna Jean Jester, Cincinnati
 Michelle Beatrice Jones, Bellaire
 Sandra Rose Kahle, Kalida
 Marcia E. Kelly, Maumee
 Mary Anne Ketcham, Rushville
 Lillian Klancar, Forest Park
 Patricia Louisa Klein, Randolph
 Cindy Elizabeth Kleyn, North Canton
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 Cynthia Lynn Koziatek, Hincley
 Laura Lynn Kucharchuk, Geneva
 Kurt Alan Kuhlman, Ottawa
 David Alan Kuhn, Portsmouth
 Deanna Lynn Lackinger, Toronto
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 Ronna Michelle Leavitt, Lyndhurst
 Linda Jo Ann LeFevre, North Rose, NY
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 Charles Raymond Miller, Temperance, MI
 Richard Allan Miller, Columbus
 Paula Michele Mittal, Brookfield

Laura Kay Moeser, West End, NC
 Gail Elizabeth Moser, Napoleon
 Laura Leatherman Moyle, Columbus
 Kelly Marie Myers, Barberton
 Jeffrey Lee Niehus, Dayton
 Evelyn Nyitray, New York City, NY
 Colleen Marie O'Brien, Reading
 Amy Thompson O'Neal, Solisberry, IN
 Tonya Bowman Orchard, Loudonville
 Lisa Kay Oswald, North Canton
 Steven Michael Pamer, Parma
 Helen Pantelidis, Canton
 Sandra Gail Parks, Cleveland
 Mark David Perry, Westerville
 Jill Allane Pica, Bellaire
 Mary Lynne Platt, Versailles
 Paige Christine Prinz, Niles
 Lynette Marie Pryor, Fostoria
 Shahin Ravangard, Tehran, Iran
 Mark Andrew Read, Westerville
 Richard Joseph Ries, Mansfield
 Kathy Lynn Riggelman, Berea
 Maryann Riley, Minneapolis, MN
 Becky Lee Roberts, Lima
 Amy Lee Rockwell, Chesterland
 Stephen Douglas Rohrer, Plain City
 Noreen Marie Roman, Fairview Park
 Beth Ilene Romanoff, Toledo
 Lisa Ann Ross, Bloomingdale
 Karen Michelle Rowland, Jeromesville
 Adam Rubinstein, New York, NY
 Lorraine Ryan, Perrysburg
 Rhonda Lynne Sapp, Hoytville
 Sigurn Adams Schaudies, Darmstadt,
 West Germany
 Matthew D. Scheidegger, Pataskala
 Diane Marie Schmidt, North Lima
 Shelley Jo Schmidt, Springfield
 Thomas William Seaton, Greenfield
 Ramona Setudenhia, Columbus
 Ann Leslie Simon, Worthington
 James Otis Sketel, Bellaire
 Madeleine Antoinette Skocik, St. Clairsville
 Mark Aaron Smith, Canal Winchester
 Darlene Renee Snuffer, Tallmadge
 Anita Marie Stahl, Columbus
 David Taylor Stallman, Bexley
 Mary Ellen Stitz, West Milton
 Joanne Mae Stopfel, Alfred, NY
 Joyce Pauline Stredney, Ashtabula
 Susan Kay Sumpter, Bryan
 Michele Ann Tallarico, Pittsburgh, PA
 Mary Beth Tighe, St. Clairsville
 Tammy Marie Toon, Cincinnati
 Teresa Dawn Travillian, Kettering
 Christopher R. Trocchio, Ravenna
 Tamara Anne Tuuri, Kettering
 Lorri Jean Valentine, Jackson, MI
 Janice Mary Wagner, Westlake
 Patricia Loray Wibbeler, Wapakoneta
 Donna Edwina Wilson, Clinton, NJ
 Debra Renee Winck, Shelby
 Michele Renee Wolfe, Whitehall
 Donald G. Woodward II, Bloomingdale
 Susan Rosalie Wurtzler, Cincinnati
 Bernadette Evelyn Young, Marietta

Certificate of Post Baccalaureate Circulation Technologist

Mark David O'Shaughnessy, Cincinnati
 B.S. Agr.

Certificate of Post Baccalaureate Medical Illustrator

Jennifer Stuart Smith, Valdosta, GA
 B.A. [Queens College]

Jim John Zangmeister, Columbus
 B.A. [Wittenberg University]

Certificate of Study in Physical Therapy

Sheri Jo Kovaleski, Defiance
 B.S. [Defiance College]

Certificate of Study in Radiologic Technology

Ashok Kumar Saraswat, Columbus
 M.Sc., B.Ed. [Agra University, India]

College of Nursing

Acting Dean: Grayce M. Silts

Bachelor of Science in Nursing

Vildan Aklar, Columbus
 Karen Alma Arters, Bedford
 Kari Asadorian, Chagrin Falls
 Tami Jo Askren, Cincinnati
 Karen Marie Avery, Lyndhurst
 Michelle Annette Baird, Columbus
 Barbara Lourene Beck, Worthington
 Tina Widmer Benedict, Sterling
 Mary Elizabeth Benson, Lancaster
 Kella Jo Berry, Lisbon
 Danette Renee Birkhimer, Dresden
 Margaret Ann Black, Columbus
 Katherine Ruth Blesch, Pickerington
 Sharon Michele Bloom, Gahanna
 Laura Kay Blumenfeld, Akron
 Gretchen B. Bossart, Sandusky
 M. S. Bradford-Keckley, West Jefferson
 Rilla Frances Brady, Granville
 Ginaleen Conol Brickner, Tiffin
 Margaret Ann Brown, Amherst
 Sue Elizabeth Brumfield, Columbus
 Holly Ann Bryk, North Royalton
 Kelly Marie Burton, Youngstown
 Roxanna Campbell, Fredericktown
 Audrey Caplin, Beachwood
 Kathleen Maria Carney, Columbus
 Renee Lyn Carpenter, Canal Winchester
 Alisa B. Casile, Lima
 Michael Chance, Gnadenhuetten
 Carla CM Christopher, Dunkirk
 Lisa M. Christopoulos, Westerville

Nikkimarie Ciavarella, Cuyahoga Falls
 Karen Nedreberg Clark, East Liverpool
 Johannah Clarke, Columbus
 Molly Brendan Cleary, Columbus
 Tanya Rader Clutterbuck, Rocky River
 Melinda Darby Collier, Kettering
 Martha Marie Copley, Oxford
 Sheri Maria Crompton, West Jefferson
 Nancy Sue Cummings, Tiffin
 Lori Ann Dangler, Paulding
 Deborah Scott Dawson, Dublin
 Elizabeth Ann Deister, Mt. Vernon
 Jacqueline Ann DeLaat, Chesterland
 Suzanne Dempsey, Medina
 Elaine Catherine Diehm, Bethel Park, PA
 Charles T. Dilenschneider, Columbus
 Teresa Ann DiMeo, Mingo Junction
 Jacquelyn Wess Dixon, Columbus
 Jane Kathrine Doll, Cincinnati
 Elizabeth C. Drebushenko, Columbus
 Beth Nead Dunn, Cincinnati
 Kelly Sue Edwards, Columbus Grove
 Ina Rae Eisenberg, Shaker Heights
 Traci Lynn English, Cambridge
 Marianne Schlichterle Farquhar, Oberlin
 Aleta Pauline Fisher, Chagrin Falls
 Colleen Carey Focht, Columbus
 Jennifer Jane Forbush, Chagrin Falls
 Katherine B. Francis, Mentor
 Kelly Jean Freer, Warren
 Ruth Ellen Gabel, Dublin
 Kathleen Mary Gallagher, Sandusky
 Ann Marie Garber, Columbus
 Beth Rene Gerhardt, Circleville
 Debora Ann Ghezzi, Columbus
 Gregory Scott Gibbons, Naples, FL
 Schelley Ann Gilmore, Mingo Junction
 Mary K. Giovannone, Steubenville
 Victoria Lee Girard, Worthington
 Nancy Jane Gnagy, Canfield
 Deborah Irene Goldstein, Cleveland Heights
 Helene Joy Greenfield, South Euclid
 Edward Michael Grudus, Dayton
 Sally Adriane Heffer, Dublin
 Linda Jean Hegemann, St. Marys
 Bridget Angela Henry, Sylvania
 Georgianna Hernandez, Boardman
 Julie Kay Hope, Worthington
 Susan Elizabeth Howsmon, New London
 Maribeth Leigh Hrach, Sagamore Hills
 Jane Ellen Huber, Cincinnati
 Rebecca Lucille Huck, Vincent
 Cathy Lee Ipe, Centerville
 Anna Iola James, North Canton
 Linda Joan Jordan, Canal Winchester
 Sally Ann Joslyn, Westerville
 Kassandre Janette Kapes, Solon
 Suzanne Marie Kapoudjian, Cleveland Heights
 Brian Joseph Kasson, Pickerington
 Lisa Corinne Kemp, Dayton
 Renee Marie Kemper, Fairborn
 Regina Marie Kiefer, Cincinnati
 Faye Frances Kleinbaum, Mayfield Heights
 Nancy J. Klug, Cincinnati
 Janifer Smeasoli Kneir, Loveland
 Charlene Gail Kobele, Youngstown
 Linda Faye Koch, Columbus
 Laura Sue Kresheck, Springfield
 Suzanne Hope Kritzer, Dayton

Kristine Renee Kuhman, Ottawa
 Beverly Jo Lanning, Newark
 Martina Maria Lavrisha, Cleveland
 Stephanie Maria Lawson, Columbus
 Carmela Ann Lent, Delaware
 Jennifer Sue Lewis, Zanesville
 Patricia Lynn Lisby, Warren
 Lauri Ann Little, West Chester
 Jean Patricia MacDonald, Lyndhurst
 Connie Elaine Magley, Granville
 Barbara Jean Maher, Worthington
 Daniel Robert Maldovan, Parma
 Janet Pearl Marlow, Crooksville
 Apollo Jean Martin, Columbus
 Beth Haverfield Martin, Steubenville
 Karen Sue Martin, Columbus
 Judith Lynne Mason, Conneaut
 Marsha Anne Mason, Seven Hills
 Lisa Katharin Matherny, Columbus
 Dianne Marie Mawhirter, Coldwater
 Mary Beth McCallister, Columbus
 Anna McCritty, Columbus
 Melissa Ann McCutchen, Cincinnati
 Carol Eileen McFadden, New Albany
 Laura Lee McKenzie, Columbus
 Jon Alan McPhie, Lorain
 Letitia Ann Meglan, Galena
 Janette C. Meredith, Washington C.H.
 Ruth Anderson Miller, Toledo
 Karen Ann Mitchell, Bellefontaine
 Pamela Kay Mitchell, Peebles
 Joan King Montgomery, Washington C.H.
 Robin Ann Moore, Cincinnati
 Lynne Marie Morgan, Fairlawn
 Susan Renee Campbell Morris, Leesburg
 Jodie Sue Kreider Myers, West Milton
 Theresa Antoinette Neal, Coshocton
 Ann Breese Nolan, Columbus
 Marianne Louise O'Connor, Marietta
 Kimberly Ann Otto, Burton
 Theodore Joseph Parker, Delaware
 Marie Louise Parrish, Shreve
 Ronald David Pass, Columbus
 Deborah Lee Pearson, Cuyahoga Falls
 Richard Alan Pence, Waverly
 Cara Lee Petro, Columbus
 Cathryn J. Phillips, Sunbury
 Mary Carol Poquette, Englewood
 Kimberly Sue Porterfield, Newark
 Dedra Lynn Potter, Portsmouth
 Chris K. Rahrig, Columbus
 Alanna Farah Rasekhy, St. Clairsville
 Sharon Rose Ratliff, Fremont
 Tonya Sue Rice-Little, Belpre
 Kimberly A. Richlak, Mayfield Heights
 Amy Louise Roberts, Pepper Pike
 Carol Lee Roshetko, Northfield
 Pamela Diane Ross-Morris, Cleveland
 Carrie Faye Ruesink, Rocky River
 Lynn Marie Russ, Columbus
 Leia Rzepka, Cleveland Heights
 Jennifer Saas, Columbus
 Kathryn Ann Sandrock, Kinsman
 Sharon McCarthy Schmitz, Columbus
 Cynthia Lynn Seum, Columbus
 Katherine Yvette Shores, North Canton
 Anne Frances Short, Mansfield
 Susan Gail Shoup, Castown
 Cathy Lee Smith, Fort Dix, NJ

Diane Ruth Smith, Hiram
 Leslie Dawn Smith, Bluffton, IN
 Leslie Marie Smith, Cincinnati
 Linda Marie Smith, Fairview Park
 Jodie Elizabeth Speicher, Mentor
 Gregory C. Spontak, Newark
 Lori Lynn Springer, Euclid
 Harriet Jane Straight, Columbus
 Angela Marie Surace, Columbus
 Marty Dale Surface, Bylesville
 MaryKay Sweeney, Euclid
 Melinda Grace Swonguer, DeGraff
 Julia Ann Thomas, Gahanna
 Kathryn Thornton, Dublin
 Robert Edward Tootle, Columbus
 Hanan Toukan, Columbus
 Audrey Victoria Trimakas, Westlake
 Lisa Beth Tucker, Cleveland
 Lisa Leigh Tullis, Jewett
 Maria Elena Turchyn, Youngstown
 Rosalie M. Umstaedt, North Royalton
 Robin Ann Vachon-Kraut, Columbus
 Katharina Ann Volk, Parma
 Mary Barbara Warner, Copley
 Kimberly Marie Wellin, Chagrin Falls
 Lisa Marie Wellington, Toronto
 Linda Jean Wetzel, Columbus
 Denise Ann Wilburn, Columbus
 Shanette Teresa Wilhelm, Greenwich
 Michele Renee Williams, Waterville
 Sharon Ann Williams, Troy
 Michelle Ann Young, Dublin

College of Optometry

Dean: Frederick W. Hebbard

Doctor of Optometry

Paul Edward Anderson, Euclid
 B.S. (Ashland College)
 Thomas Sherwood Beal, Poland
 Steven Wylie Binns, Portsmouth
 Mark Allan Blackledge, Columbus
 Harry Lewis Bowers III, Edgerton
 B.S.
 Stephen David Brezinski, Columbus
 Mitchell Charles Brown, Columbus
 Steven Ronald Buckholz, Middleburg Heights
 Carl Thomas Cefalu, Akron
 B.S.
 David Edward D'Amico, Akron
 B.S. (Saint John Fisher College)
 Sally Marie Dillehay, Columbus
 Carol Sue Evans, Columbus
 B.S.
 Kathleen R. Fleming, Jackson
 Paul Henry Foeller, Columbus
 William Jeffery Geisert, Columbus
 B.S. (University of Nebraska, Lincoln)

Nancy J. Griffin, Columbus
 Randall J. Harpring, Columbus
 James Alan Helfer, Toledo
 B.A. (University of Toledo)
 Jeffrey Gilbert Hirschl, Columbus
 B.S.
 Kevin Mark Hobbs, Crete, NE
 Michael Hooven, Columbus
 John Patrick Horner, Napoleon, ND
 Ronald Kevin Jurcak, Cleveland
 David Lee King, Columbus
 Phillip Alexander Kohanov, Youngstown
 Daniel Joseph Kroger, Fairfield
 John Anthony Kruszewski, Cleveland
 Paul A. Kusy, Fairborn
 Nicholas Gerard Luthman, Celina
 B.S.
 David Marshall, Jr., Painesville
 Richard Andrew Martin, Portsmouth
 Darryl Dean Mathewson, Bluffton
 Anthony Joseph Mayo, Jr., Bexley
 Teresa Louise Meyers, Sandusky
 David John Munson, Columbus
 B.A. (Indiana University)
 Curtis D. Myers, Columbus
 Joan Kay Nerderman, Columbus
 Patricia Ann Noonan, Delphos
 Mark Angelo Orso, Columbus
 Janice G. Paynowski, Delaware
 Dianna Leigh Popa, Atwater
 G. William Richter, Jr., Canfield
 B.S.Bus Adm.
 Mark J. Roseman, South Euclid
 B.S. (Miami University)
 Thomas E. Sandy, Columbus
 Drew Allan Sax, Canton
 B.S.
 John Robert Shaw, Lorain
 B.A. (College of Wooster)
 Nancy Lee Smith, Lucasville
 Michael Vincent Sposato, Columbiana
 Michelle Lesko Staarmann, Columbus
 B.A.
 Susan Meimed Stan, Columbus
 B.S.
 Barbara Jean Stewart, Patriot
 B.S.
 Michael John Tangeman, Minster
 James William Tomko, Columbus
 B.A. (Miami University); M.S.

Heidi Ann Wagner, Columbus
 B.S.
 Christopher Edwin Woodruff, Dayton
 B.S. Nat. Res.
 Emmanuel Zancoudakis, Wadsworth
 B.A. (Kenyon College)
 David W. Zehnder, Columbus

College of Pharmacy

Dean: Albert H. Soloway

Bachelor of Science in Pharmacy

Lisa Jane Avey, Medina
 Lisa Ellen Banks, Mansfield
 Denise Horattas Bailey, Stow
 Terrence Lee Beckstedt, Celina
 Raymond Lee Bell, Huntsville
 Lorilee Bernard, Port Clinton
 John Jay Bon, Parma Heights
 Gregory Edward Bonnoront, Sidney
 Lynne Marie Butch, Youngstown
 Ann Elizabeth Carpio, New Albany
 Wayne Lawrence Cohen, Beachwood
 John Michael Colbert, Columbus
 Kelly Jean Cort, Newark
 Mathew Joseph Cosenza, Chillicothe
 Lori A. Dalelio-Yoder, Columbus
 Daniel Earl Daugherty, Canton
 Douglas Peverili Dove, Mt. Vernon
 Jonathan James Edmonds, Ravenna
 Barbara Jean Elenin, Lorain
 Pamela Carlene Erickson, Warren
 Lee Ann Federanich, Elyria
 Shirley Lynn Galford, Norton
 Mark Allen Gerhardt, Circleville
 Robert Andrew Grasso, Jr., Akron
 Shana Lane Greene, Toledo
 Annette Paige Hale, Middletown
 Tamara Sue Harrison, Wakeman
 Joan Elizabeth Heitman, Columbus
 Jeffrey David Hull, Columbus
 Sharon Lee Huston, Worthington
 Jacob Winfield Kammer, Cuyahoga Falls
 Marcia Grace Keeler, Salem
 Terry Ross Kennon, Bellaire
 John Sookwang Kim, Cleveland Heights
 Keith Robert Klemm, Fort Jennings
 Christine Mary Knapke, Glandorf
 Eileen Elizabeth Kochis, Columbus
 Timothy Mark Lauer, Wapakoneta
 Michael Francis Leon, Lorain
 Susan Kim Maki, Parma
 Susan Marie Marx, Cincinnati
 Slater Clark Nash, Jr., South Point
 Pamela M. Neitz, Columbus
 Jodie Elise Novak, Kingsville
 Patricia Ann Nussle, Lorain
 Diane Marie O'Hara, Youngstown
 Jeffrey Allan Oman, Celina
 Stephen Paul Palm, West Carrollton
 Michael David Perciful, Cumberland
 Shelly Elizabeth Perciful, Columbus
 Andrew Joseph Pultz, Jr., Upper Arlington

Larry Emmett Raper, Sardis
 Mark Allen Reed, Dover
 Paul Douglas Ridgway, Utica, MI
 Debora Lynn Roberts, Northwood
 Marie Elizabeth Savini, Girard
 Deno Egkdo Sebastian, Dillonvale
 Tim J. Sheehan, Garrettsville
 John Urban Siegrist, Dayton
 David Ray Spence, Heath
 Gina Marie Stang, Hamilton
 Tina Marie Stritt, Grove City
 Anthony Eric Tong-Villanueva, Marysville
 Ann Mary Tortorella, Ravenna
 Maria Aiki Vrachlioti-Botti, Corfu, Greece
 Donna Lee Vuletic, E. Liverpool
 Paul Richard Wagner, Greenville, SC
 Virginia Anne Wagner, Westerville
 Lori Lee Wetz, Zanesville
 David Lawrence Willis, Cincinnati
 Lisa Elaine Wojtowicz, Novelty

College of Social Work

Dean: Richard E. Boettcher

Bachelor of Science in Social Welfare

Shari Lynne Aldridge, Bay Village
 Catherine Ann Alfidi, Chagrin Falls
 Jane Ann Armstrong, Marysville
 Shari Lynn Bailey, Columbus
 Beatrice Mae Bartram, Obetz
 David Michael Baxter, Delaware
 Michael A. Bayda, Canton
 Andrea Laina Benjamin, Sylvania
 Beth Anne Bokanyi, North Olmsted
 Jo-Anne Anita Bradley-Lawhorn, Columbus
 Molly Christine Brand, Columbus
 Sharon Dickens Brown, Delaware
 Tresha Kay Brown, Fremont
 Dorinda Sue Burley, Vermilion
 Nicole Deneen Casey, Galion
 Juan Pablo Casimiro, New York City, NY
 Kedia Reneé Chasteen, Covington
 Barbara Lynn Christensen, Ashland
 Kathy Anne Corbin, Columbus
 Karen Lynn Daniels, Columbus
 Cheryl Louise Davis, Cleveland
 Sue Ellen Dean, Cincinnati
 Cheryl Lynn Dillon, London
 Beth Ann DiPietro, Hubbard
 Christie Irene Echard, Chillicothe
 Joseph Thomas Evinisky, Austintown
 Cynthia Sue Foust, Elida
 Amy Elaine Freeman, Worthington
 Theresa Ann Garrison, Zanesville
 Carl Jeffrey Gates, Shelby
 Christopher Scott Gerren, Ashtabula
 Laura Marie Gibeby, Sylvania
 Barbara Ruth Gingras, Akron
 Christine Anne Glaser, Westerville
 Lynn Marie Goddard, Columbus
 Erin Gail Greiner, Zanesville
 Christine Michelle Harris, Columbus
 Gayle Louise Heran, Westlake
 Sandra Lee Hoffman, West Lafayette
 Darlene Ann Honigford, Ottoville

Kiman Kirts Jenner, Marion
 Deborah Lynn Johnston, Lancaster
 Heidi Jane Kasunick, Massillon
 Duane Gary Kertyzak, Jefferson
 Julie Marie Macbeth, Dayton
 Laura Lee McCollum, Van Wert
 Marilyn Jo Mehaffie, Columbus
 Karen Renee Metz, Mansfield
 Carmen Sue Metzger, New Riegel
 Kimberly Ann Micale, Mentor-On-The-Lake
 Anna Michele Millard, Mansfield
 LeAnn Jeannette Miller, Columbus
 Sherrie Anne Moran, Mansfield
 Shelly Ann Morrison, Kenton
 Lisa Ann Norden, Hamler
 Lu Anne Orons, Beachwood
 Susan Irene Parrott, Ostrander
 Andrea Rene Pelton, Medina
 Deborah Lynn Powers, Brecksville
 Deborah S. Ray, Grove City
 Laura Louise Raymond, Kirtland
 Ann Christine Rengert, Marion
 Lisa Ann Renier, Louisville
 Deborah Lee Rice, Elida
 Laura Ann Rich, Louisville
 Debra Anne Robichaux, Columbus
 Lynda Louise Rohr, Dayton
 Miriam Elizabeth Rosenberg, Cleveland
 Jennifer Sue Rouch, Fairborn
 Roxanne Louise Ruess, Tiffin
 Stephanie Antoinette Santuomo, Columbus
 Stephanie Schmidt, Columbus
 Amy Helene Schneiderman, Akron
 Michael Shapiro, Columbus
 Derrick Dieter Shea, Fairlawn
 Lavonda Carolyn Simmons, Toledo
 Carmen Carter Slagle, Newark
 Carol Shaven Smalls, Hartsville
 Cynthia Louise Smith, Newark
 Lorraine Kay Street, Marion
 Stacy Jo Tague, Chillicothe
 Roger Martin Timko, Rayland
 Alison Ann Turrill, Worthington
 Linda Elizabeth Van Putte, Columbus
 Shelley Ann Whalen, Columbus
 Wanda Elaine Womack, Georgiana, AL
 Linda Kay Wright, Columbus
 Christine M. Yablonkai, Youngstown

College of Veterinary Medicine

Dean: Ronald A. Wright

Doctor of Veterinary Medicine

Joel Christopher Alsup, Westlake
 Kea Darlene Apilado, Dayton
 B.S. (University of California)
 Kathy Jane Bates, Columbus
 B.A. (William Woods College)
 Judith Louise Bedard, Cincinnati
 B.S. (Xavier University)
 Laurel Anne Berry, Dublin
 Lori Lynn Bohenko, Windham, NH
 B.S. (University of New Hampshire)

Karin Blythe Brauburger, Mt. Orab
 B.S. Agr.
 Mari Viri Bray, Hawthorne, NV
 B.S. (Fort Hays State University)
 Cheryl Ruth Caldwell-Myers, Cambridge
 Steven Edward Carbaugh, Akron
 B.S. (University of Akron)
 Phillip Wayne Carlson, Grand Island, NE
 Brian David Cassell, Mt. Vernon
 B.A. (Miami University)
 Perry Ray Chumley, Papillion, NE
 B.S. (University of Nebraska)
 Debra Kay Collins, Cincinnati
 B.S. Agr.
 William David Collins, Lincoln, NE
 Stephen Randolph Comer, Lincoln, NE
 Tara Rae Corthell, Sidney
 B.S. Agr.
 Donald Lugene Davidson, Sidney
 B.S. Agr.
 Deborah Joan Dennis, Rocky River
 Michael James Downey, Merna, NE
 Holly Bradt Ernest, Macedon, NY
 B.S. (Cornell University); M.S.
 Susan Marget Ferguson, West Friendship, MD
 B.S. (Meredith College)
 Ava Marie Terrell Firth, Elida
 B.S. Agr.
 Candace Kay Fisher, Grove City
 B.S. Agr.
 Carole Marie Foster, Fairborn
 B.S. (Wilmington College)
 Douglas Robert Frels, Hershey, NE
 B.S. (University of Nebraska)
 Donna Elizabeth Frimming, Cincinnati
 Vicki L. Frobose, New Lexington
 B.S. Agr.
 Carol Lynette Fry, Princeton, WV
 B.S. (Concord College)
 Karla Anne Fuls, Chesapeake
 B.S. (Marshall University)
 Mary Robertson Gorrell, Clarksburg, WV
 Paul Edwin Goulker, Columbus
 B.S. (Seton Hall University);
 B.S.
 David Wesley Grant, Kettering
 Michele Louise Greco, Wickliffe
 William Friedman Greentree, Columbus
 B.A. (Miami University)
 Lynette Dallas Greenwood, Kent
 Gretchen Elizabeth Ham, Clark, NJ
 B.S. (Cornell University)
 Cheryl Lynn Harris, Cincinnati

James Richard Hartke, Brandywine, MD
 B.S. (Cornell University)
 Charles Andrew Heller III, North Canton
 B.S. (Ohio Northern University)
 Karen Fay Henry, Ashland
 B.S. (Ashland College)
 Karen Lynne Hess, Columbus
 B.S. Agr.
 Randall Scott Hitesman, Milford
 Cynthia Barbara Hotz, Curtice
 B.S.
 Kathleen Renée Hutton, Wintersville
 B.S. (Heidelberg College)
 Richard Allen Jacobs, Columbus
 Henry Franz Jones, Wooster
 B.S.
 John Milton Jones, Warren
 B.S.
 Wayne Neil Juhnke, South Euclid
 B.S. (Cleveland State University)
 Patricia Helen Keener, Columbus
 B.S.
 David Henry Kehl, Centerville
 B.S. Agr.
 Sean Patrick Kelleher, Alliance
 B.S. Agr.
 Lindsay Anne Kerfoot, Shepherdstown, WV
 B.S. (Shepherd College)
 Judy Beth Kerrigan, North Olmsted
 B.S.
 Michael George Killmer, Strongsville
 Thomas Joseph Kozek, Maumee
 B.S. (University of Dayton)
 John Frederick Kroner III, Athens
 Terri Lynn Lamp, Las Vegas, NV
 B.A. (University of California, San Diego)
 Susan Elizabeth Lance, Ashland
 B.S. (Ashland College)
 Anne Elisabeth Lienau, Reno, NV
 B.S. (University of Nevada)
 Pamela Jean Lohiser-Bowsman, Painesville
 Riccardo Frank Mastrocola, Canton
 B.A. (Walsh College)
 John Raymond Maxwell, Lakewood
 B.S.
 Steven Lloyd Mays, Bellevue
 B.S. Agr.
 Anthony Otto Meves, Northfield Center
 B.S. Agr., M.S.
 Bradley Weston Middlebrooks, Kettering
 B.S. (Cornell University)
 James Angelo Miele, Levittown, PA
 B.S. (Delaware Valley College);
 M.S. (Rutgers University);
 M.S.

Paul Anthony Miggins, Dayton
B.S.

Ruth Marie Miller, Columbus
B.Phil. (Miami University)

Timothy L. Minnix, Middletown

Lori Ann Minter, Fairborn

Martha Mary Misheff, New Richmond
B.S.

Susan Hough Monger, Lancaster
B.S. (Wilmington College)

David Gerard Monti, Rockville, MD
B.S. (Virginia Polytechnic Institute & State
University)

C. Leslie Moore, Cincinnati
B.S. (Auburn University)

Erin Lynne Moore, Alderson, WV

Michael William Moran, Toledo
B.S.

Dawn Elaine Morin, Stratham, NH
B.S. (University of New Hampshire)

James Scott Murray, Youngstown

Joseph Timothy Newsome, Youngstown
B.S., M.S.

Theresa Ann Olivo, Laurel, MD
B.A. (Rhode Island College);
M.A. (Middlebury College)

James Wesley Orr, Greenfield

Cynthia Marie Otto, Toledo
B.S.Agr.

Donna Marie Pagialunga, Canton
B.S. (Ohio University)

Christine Ethel Pappas, Sandusky
B.S.

Tracy Ann Peace, Wheeling, WV

Kathleen Marie Picciano, Gibbstown, NJ
B.S. (Lebanon Valley College)

Joseph William Priess, Mansfield
B.S.Agr.

John Charles Prososki, Columbus, NE

David John Przekop, Demarest, NJ
B.S. (Syracuse University);
M.Sc. (The Pennsylvania State University)

Carol Jean Rader, Columbus
B.S.Agr.

James Allen Raimonde, Defiance
B.S.

Jennifer Louise Ramelmeier, Columbia, MD
B.A. (University of Delaware)

Jules Eric Ratliff, Lucasville

Mark Frederick Reineck, Fremont
B.S.Agr.

Kathleen Joseph Reinhart, Cincinnati
B.S. (University of Dayton)

Barry Lloyd Richardson, Cookville
B.S.Agr.

Jan Ellen Robinson, West Lafayette

Ronald Gregory Sandoval, Reno, NV
B.S. (University of Nevada)

Donald Hoyt Savage, Tucson, AZ
B.S.Agr.
M.Sc. (University of Arizona)

Barbara Ellen Schechter, Columbus
B.S. (University of Kentucky)

Ingrid Amelia Schweinfurth, Mayaguez, PR
B.S. (University of Puerto Rico)

Thomas Eldridge Secor, Omaha, NE
B.S. (University of Nebraska)

Andrew Nicholas Seiter, Cincinnati
B.S.Agr.

Marilyn Ann Sexton, Columbus

Tamara Sue Shearer, Bryan
B.S. (Defiance College)

Terri Sue Short, Gallipolis
B.S.Agr., M.S.

John Louis Showalter, Hastings, NE
B.A. (Hastings College)

Barbara Ann Siegel, Arlington, VA
B.S.Agr.

Terrie Lee Sizemore, Cleveland

Stephen Allen Smith, Marietta
B.S., M.S.

William Alan Spreng, Perrysville
B.S.Agr.

Robert John Starkey, Jr., East Canton
B.A.

Maureen Ellen Sullivan, Keene, NH
B.A. (Dartmouth College)

Martha Jane Tack, Butler, PA
B.A. (Case Western Reserve University)

Lynn Susan Takiff, Shaker Heights

Michael Dean Terrill, Ridgeway

Shelley Jane Thompson, Papillion, NE
B.S. (North Dakota State University)

Glenn Richard Thorson, Dayton
B.S.

Karen Solomon Tomfohrde, Clifton, NJ
B.S. (Bucknell University)

Diane Carol Veale, Broadview Heights
B.S.Agr.

Theodore Donald Winkle, Buffalo, NY
B.S.

Marsia Diane Wojcikowski, Rossford
B.S.

Timothy Duane Woodward, Fletcher
B.S.Agr.

Amy Lynne Wressell, Florence
B.S.

Thomas Michael Zappas, Concord, CA
B.S. (University of Nevada)

Graduates with Honors

Criteria for graduation with honors are as follows:

With Distinction requires successful completion of a Senior Honors Thesis, oral examination, and graduation in the top 25% of the class.

With Honors in the Liberal Arts requires successful completion of the Arts and Sciences Honors Contract and graduation in the top 25% of the class.

Cum Laude designates those graduating in the top 10% of the class (top 6% in the Colleges of the Arts and Sciences).

Summa Cum Laude designates those graduating in the top 3% of the class (top 1.5% in the Colleges of the Arts and Sciences).

With Distinction in Animal Science

Leslie Elizabeth Barnes
Janice Kathleen Evans

With Distinction in Art Education

Ann Louise Jonas

With Distinction in Chemical Engineering

Beth Louise Molloy

With Distinction in Computer and Information Science

Damian Martin Saccocio

With Distinction in Dairy Science

Gretchen Sue Zarie

With Distinction in English Education

M. Elizabeth Wilson

With Distinction in Environmental Education

Roberta Marie Burnes

With Distinction in Medical Technology

Steven W. Hannan

With Distinction in Natural Resources Development

Robert Pierce Graham

With Distinction in Pharmacy

Mark Allen Gerhardt
Jacob Winfield Kammer
David Lawrence Willins

With Distinction in Physics

Terence Carter Yates

With Distinction in Zoology

Suzu Ruth Ellen Steele

With Honors in the Liberal Arts

Suzanne Ballard
Arthur Stephen Beach
Diana Fay Butts
Laura Elaine Cannon
Amy Lynne Eddings
Rachel Ann Eustice
Scott Alan Frey
Jolie Beth Gelman
Rhoda Yvonne Goldschmidt
William Michael Groucutt
Robert Mark Maltz
Robert John Mellors
Carla Ann Orman
Susan Carol Poynter
Robert Alan Schweikert
James Wayne Sheridan, Jr.
Elizabeth Louise Shoman
Elizabeth Daingerfield Zwicky

With Honors in the Liberal Arts and with Distinction in Chemistry

Linda Ann Lutz

With Honors in the Liberal Arts and with Distinction in English

Gisele F. Dubson

With Honors in the Liberal Arts and with Distinction in Microbiology

Timothy Scott Wachtmann

With Honors in the Liberal Arts and with Distinction in Philosophy

Jennifer Ann Moyer

With Honors in the Liberal Arts and with Distinction in Psychology

Gayle Ann Williams

Cum Laude

Gail Robin Ahlefeld
Mary Elizabeth Alton-Heiselman
Helge Andersen
Eric Charles Anderson
Gary Martin Ansel
Miriam Sue Aronovsky
Tracy Jo Arthur
Raymond Joseph Baddour
Hwa Jin Bae
Craig Steven Bahner

Raymond Anthony Bannan
Susan Diane Barkley
Ines Cristina Barnes
Michael David Beckmeyer
Daniel Edwin Beerbower
Molly Layne Beery
David John Bennett
Michael Raymond Bisher III
Deborah Reneé Blankenship
Gerald Wesley Blankenship
Carl Anthony Blau
Katherine Ruth Blesch
Linda Susan Broeckl
Lisa Ann Burns
Steven Edward Carbaugh
Judith Kathleen Carson
Jeffery Taehwan Choh
Belinda Kay Clark
Karen Lynn Clark
Kristi Lu Cleveland
David Wayne Cline
LaVawn Dee Coleman
Jay Alvin Cooper
Deborah Lynn Crooks
Sarah Roney Dalton
Patricia Anne D'Ambrosio
Brian Patrick Davis
Cheryl Louise Davis
Gregory Michael Davis
Sharon Kay Davis
Kimberly Lu Dietert
Karen Sue Dever
Elizabeth Ann DiGiandomenico
Sheri Ann Dirius
Daniel Lawrence Dittman
Stephen Gerard Doe
Lane Francis Donnelly
James Frank Dreher
Elizabeth Todd Earl
Ann Elizabeth Eaton
Sarah Ellen Ebert
Kenneth Harper Egbert, Jr.
Holly Bradt Ernest
James Patrick Ferguson
Christine Maria Fleck
Amy Jo Fleming
Jennifer Jane Forbush
Laura Kathleen Forrester
Mark Allen Foster
Edward Brian Fowler
Douglas Robert Frels
Donna Elizabeth Frimming
Karla Ann Fulks
Cindy Lee Fulmer
Shirley Lynn Galford
Steven Alan Galun
Lee Ellen Gebacz
Connie A. Geidenberger
Beth Rene Gerhardt
Joan Marie Gillen
Christine Anne Glaser
Sherry Beth Glenn
Nancy Jane Gnagy
Francine Bonnie Goldberg
Mary Robertson Gorrell
Mark R. Graham
Lynette Dallas Greenwood
David Scott Grissom
Francis Kevin Hackett

Monica Helga Haller
Orest Mychajlo Harkacz, Sr.
Matthew T. Harlow
Francine Lynn Harris
Joseph Francis Harryhill
Melissa Kay Haunhorst
Philip Michael Hejal
Garrett Lee Hellwarth
Cindi Lynn Hill
Duane W. Hill
Larissa Kay Hill
Kevin Mark Hobbs
Stephen Wayne Hohler
Pamela Mary Honsa
Perry Simpson Huesmann
Tracy Lynn Hull
Janice Marie Jennings
Holly Lynn Jockisch
Rachel Janet Johns
Darrell Evan Jones
Jeffrey Michael Jurkovic
Anthony Theodore Kaplanis
Heidi Jane Kasunick
Alan Lee Kennard
Mary Anne Ketcham
Brian Edward Kiggins
John Sookwang Kim
Wendy Sue Klein
Jon Dana Kleinke
Christine Mary Knapke
Glenn Norman Knopf
Richard Joseph Krejci
Sharon Ann Kremer
John Anthony Kruszewski
Kurt Alan Kuhlman
Timothy Mark Lauer
Christopher Todd Lechner
Adrienne Beth Lehman
Jennifer Sue Lewis
Lori Sue Long
Pauline A. Low
Siew Hong Low
Maria Ulla Ludvigsson
Amy Jo Lutz
William Frank Lyon
David Christopher Mack
Laura Marsh
Riccardo Frank Mastrocola
Brenda Marie Matson
Steven Lloyd Mays
Sharon Rose McGary
James Michael McGill
Jeffrey Matthew McKelley
Julie Ann McVane
Carol Frances Merritt
Christopher Scott Meyer
Paul Anthony Miggins
Ruth Anderson Miller
Kelly Thrush Mitchell
Marjorie Ann Mooney
Robert Daniel Moorhead
Gail Elizabeth Moser
Dennis Lynn Mueller
Daryl John Mummey
John Joseph Murphy
Virginia Naff
Kimberly Kay Ormsby Nagy
Richard James Nagy
Gabriel R. E. Nahagas

Belinda Anne Nauman
 John Philip Neary
 Keith Allen Nestor
 Judith Elaine Neumann
 Kathryn Gerard Neus
 Denise Diane Nisbett
 Ann Breese Nolan
 Robert Joseph Nolan
 Patricia Ann Nussle
 Colleen Marie O'Brien
 Amy Marie Ogrinc
 Craig Daniel Oiler
 Kimberly Ann Otto
 James Donald Overmeyer
 John Thomas Pajka
 Stephen Paul Palm
 Christine Ethel Pappas
 Sharie Louise Parrish
 Janice G. Paynowski
 Tracy Ann Peace
 Kimsey Kay Petkovic
 Gary Alan Petrick
 Cara Lee Petro
 Erika Sue Pfeifer
 Mary Lynne Platt
 Mary Carolyn Porter
 Susan Ruth Powell
 Phillip Edwin Prior
 Karen Marie Pugh
 Siripong Pungpipat
 William M. Raudabaugh
 G. William Richter, Jr.
 Jan Ellen Robinson
 Kimberly A. Robinson
 Lynda Louise Rohr
 Freddie P. Romeo
 Mark J. Roseman
 Charles Nathan Rowland
 Adam Rubinstein
 Carrie Faye Ruesink
 Michael Jon Rus
 Robbin Lynn Salwitz
 MaryLynn Dorothy Sauli
 Scott John Savage
 Annette Marlene Schwartz
 Collin Erik Seely
 Ann Margaret Selby
 Donna Joan Shackie
 Janet Marie Sigler
 Mong Cheng Sim
 Judy Lee Simmons
 Andrea Lynn Simon
 Ronald Patrick Skipper
 Adam White Smith
 Barbara Marie Smith
 Mary Helen Smith
 Patrick Allen Smith
 Gregory Lee Smithberger
 Karl Alan Sommerkamp
 Katherine Sue Spies
 Bryan Eugene Spindler
 Lori Lynn Springer
 David John Staley
 Gina Marie Stang
 Eric Allen Stephenson
 Lorraine Kay Street
 Michael Eugene Studer
 Gretchen M. Studien-Webb
 Penny Sharee Swetesky

David Allen Sybert
 Michael Joseph Szego
 Robert Raymond Tagg
 Lauren Marie Tatalick
 Lisa Jan Taylor
 Bich M. Thai
 Julie Ann Theiss
 Jeane Ann Thomas
 Sheila Roseann Thompson
 Mark Steven Tibberts
 Frank David Tice IV
 Robert Edward Tootle
 David Gregory Toth
 Larry Dean Towning
 Robin Ann Vachon-Kraut
 Roger Paul Valliere
 Jana R. Vavter
 Charles Francis Voytko
 David Joseph Waddell
 Cynthia Jackson Wadsworth
 Marc Havens Wadsworth
 Mary Catherine Walliser
 Marc F. Warncke
 Susan Jean Weir
 Stephanie K. Wevurski
 Lee Hampton Whitley
 Dawn Allison Williams
 Sharon Ann Williams
 Deanna Kay Wolf
 Martha Moroney Womeldorff
 Timothy Charles Wright
 Helen Kuo Mei Wu
 Susan Rosalie Wurtzler
 Bret Alan Young
 Paul Randolph Younger
 Virginia Zrebiec
 Jeffrey Paul Zwiebel

Cum Laude with Distinction in Agricultural Economics

Grant Eric Hellwarth

Cum Laude with Distinction in Animal Science

Martin James Hahn
 Karen Maxine Knabel
 Catherine Diane Watts

Cum Laude with Distinction in Art Education

Kimberly Sue Roberts

Cum Laude with Distinction in Astronomy

Charles Franklin Prosser, Jr.

Cum Laude with Distinction in Computer and Information Science

Mark Daniel Thomas

Cum Laude with Distinction in Natural Resources Development

Marilyn Jo Kuhl

Cum Laude with Distinction in Photography and Cinema

Phyllis Renee Burstein

Cum Laude with Distinction in Psychology

Laura D. Fisher

Cum Laude with Distinction in Wildlife Management

Kara Maureen Downey

Cum Laude with Distinction in Zoology

Mark Alan Wainstein

Cum Laude with Honors in the Liberal Arts

Regina Ann Benson
 Rachelle Cohen
 Adam Paul Hall
 Jeffrey Howard Hurdley
 Theresa Marie Jaworski
 Marc David Matlock
 Rusty Allen Payton
 Cathleen Rose Radcliffe
 John Michael Rutan, Jr.
 Barry Neal Wacksman
 David Alan Waylonis
 Nancy Elaine Whittier
 Eva Jane Yarger

Cum Laude with Honors in the Liberal Arts and with Distinction in Biochemistry

David Harold Shariks

Cum Laude with Honors in the Liberal Arts and with Distinction in Classics

James Ernest Gauch

Cum Laude with Honors in the Liberal Arts and with Distinction in Mathematics

Patrick Timothy McDonald

Summa Cum Laude

Lori Sue Anderson
 Gwendolyn Sue Airbaugh
 Catherine Hayes Armstrong
 Joe Berman Bailey III
 Anthony Lee Barbour
 Kevin Patrick Barton
 Tina Widner Benedict
 Daniel Bien
 Paula Marie Breitfeller
 Stephen David Brezinski
 Annette Lynn Brown
 Dale Gerard Bruggeman
 Charles Daniel Califf
 Brian Richard Campbell
 Susan Renee Campbell

Nadine Lee Circilio
 Steven Edward Clark
 Anne Coleman Cockley
 Andrew David Cothrei
 Russell Neil Cunningham
 Ann Marie DeBrosse
 James Robert Delius
 John Christopher Dick
 William Charles Dickson
 Sally Marie Dillehay
 David Scott Ebert
 Richard P. Emich II
 Mahianne Schlichterle Farquhar
 Debra Ann Fogle
 Melanie Kyle Fullen
 Roy Ellis Gabbert, Jr.
 Stephen Anthony Goddard
 Deborah Irene Goldstein
 Mary Robertson Gorrell
 David Wesley Grant
 Katherine Lee Graul
 David Paul Gries
 Roger Alan Hall
 Juliana Marie Halley
 Donald Valentine Hallock
 Deborah Lee Halm
 Emily Elizabeth Heid
 Michelle Marie Hinko
 Mary Margaret Holcomb
 Lisa Marie Holscher
 Marilyn Smith Huffman
 David Allen Jacoby
 Scott David Ketner
 Jacqueline Cambere Kilsheimer
 Lillian Klancar
 Keith Robert Kleman
 Amy Lynne Klinebriel
 Charlene Gail Kobele
 Charles Robert Krietemeyer
 Marian Lanchman
 Anne Elisabeth Lienau
 Linda Jean Luecken
 Ronald Jon Luffy
 Michael Allen Machemehl
 Elizabeth Binau Maurath
 James D. McBride
 Christopher I. Michael
 Marisa J. Monroe
 Dawn Elaine Morin
 Michele Marie Morock
 Susan Renee Campbell Morris
 Kenneth William Nevar
 Andrew Wayne Nichols
 Neal Thomas Oberholtzer
 Tonya Bowman Orchard
 Raymond Lee Para
 Hun Joo Park
 Susan Lee Patterson
 Shelly Elizabeth Perciful
 Robert Randall Playter
 Robert E. Powers
 John Lee Prather
 Lind Richard Pratt
 Ann Christine Rengert
 Joseph Thaddeus Rinaldi
 Rebecca Lynn Roberts
 George William Robson
 Stephen Neale Samp
 Jay D. Schlaifer

Shelley Jo Schmidt
 Sarah Ellen Schult
 Susan Leslie Seastone
 Michael Shapiro
 Aletha Mae Shipley
 Vernon Richard Smith
 Shelley Ann Stienecker
 Teresa Elaine Strausbaugh
 Marty Dale Surface
 Martha Jane Tack
 Hadley A. Thompson
 Paul J. Throckmorton
 Lisa A. Tooker
 Russell P. Toth
 James Adam Uetrecht
 Jeffrey Thomas Uetrecht
 Kelly Ann Vinson
 Marc Havens Wadsworth
 Brian Dale Williamson

Summa Cum Laude with Distinction in Accounting

Danielle Kim Carrier
 Kevin Michael Lawrie

Summa Cum Laude with Distinction in Animal Science

Jerry Joe Boley

Summa Cum Laude with Distinction in Chemical Engineering

Stephanie Lin-Lin Sung

Summa Cum Laude with Distinction in Finance

Robert Willem Van Diest

Summa Cum Laude with Distinction in Fisheries Management

Daniel Jude Bach

Summa Cum Laude with Distinction in Nutrition

Joseph Arthur Gerber

Summa Cum Laude with Distinction in Psychology

Julie Elizabeth Smith

Summa Cum Laude with Distinction in Wildlife Management

Doreen Madelene Robb

Summa Cum Laude with Honors in the Liberal Arts

Rebecca Ann Beach
 Robert William Spech

Summa Cum Laude with Honors in the Liberal Arts and with Distinction in Biology

Paul Marino Vespa

Summa Cum Laude with Honors in the Liberal Arts and with Distinction in International Studies

Anita Madan

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND TWO HUNDRED AND TWENTY-FIRST MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, June 11, 1986

The Board of Trustees met at its regular monthly meeting on Friday, June 11, 1986, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

* * *

Minutes of the last meeting were approved.

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June 10 and 11, 1986 meeting, Board of Trustees

The Chairman, Mr. Galbreath, called the meeting of the Board of Trustees to order on June 10, 1986, at 6:30 p.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: Daniel M. Galbreath, Chairman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, Hamilton J. Teaford, John J. Barone, Deborah E. Casto, and John W. Kessler.

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Mr. Galbreath reconvened the meeting on June 11, 1986, at 10:05 a.m.

Present: Daniel M. Galbreath, Chairman, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, Hamilton J. Teaford, John J. Barone, Deborah E. Casto, and John W. Kessler.

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INTRODUCTION OF NEW BOARD MEMBER

Mr. Galbreath introduced the new member of the Board of Trustees:

It is my pleasure to introduce John W. Kessler to you. Mr. Kessler is our newest Trustee, having been appointed by Governor Celeste on May 14 for a term which expires in 1995.

Jack Kessler lives and works in Columbus. He is a 1958 graduate of The Ohio State University in the College of Business. He is the owner of the John W. Kessler Company and Chairman of Marsh & McLennan Real Estate Advisors.

In addition to being active in real estate development, consulting, financing and investing, Jack is on the Board of Directors of the Avalon Corporation, Banc One, The Limited and Rax Restaurants. He is involved with numerous civic organizations, including The Ohio State University Foundation, the Columbus Foundation, the Columbus Museum of Art and the Capitol South Community Urban Redevelopment Corporation.

We are pleased to have you with us, Jack, and we all look forward to working with you.

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President Jennings:

Thank you, Mr. Chairman. I would like to give you an update on the selective admissions policy

President Jennings: (contd)

change--and for that I'd like to call on Professor Tom Willke to review the recommendation that is before you.

Professor Tom Willke:

Thank you, President Jennings. Mr. Chairman, Board Members and guests, this is a proposal for selective admission of new first-quarter freshmen to the Columbus campus for Autumn Quarter 1986. This will involve Ohio residents exclusively.

For many years, the University has had some difficulty in meeting the state-mandated enrollment ceilings for the Columbus campus for Autumn Quarter. Our principal point of control has been the admission of new first-quarter freshmen and we exercise that control with a first come, first served policy for Ohio residents. That policy served neither the applicants nor the University very well, for it selected students on the basis of a post-mark rather than on a basis of more rational criteria. Moreover, it was self-defeating. The earlier we closed for applications, the earlier the students applied the next year and the earlier still we had to close. Each year the dates move forward and for Autumn Quarter 1986, we had to close for applications on November 15, 1985. Clearly an unacceptable situation. If the policy were continued, the closing date for the entering class of 1987 would probably be in October of this year. Even with these extremely early closing dates, the control of the numbers was not good. If only for this reason alone, a new policy is necessary.

In his state of the University message last October, President Jennings charged the University to examine its admissions policy and find a better way to manage. The Council on Admission and Registration--the University-level committee composed of faculty, students and administrators--worked with the President examining alternative policies and their consequences. At the February meeting of the University Senate, the President made a major address to that body presenting the rationale for a change in policy and the general principles which a new policy should encompass.

At the March meeting of the Senate, the Council presented a proposal for a new selective admission policy. That document dated March 7, is in the Board book you received for this meeting. The document was mailed to all faculty/staff and

Professor Willke: (contd)

student governance bodies for comments. The purpose of this document was to give the general principles for an outline of a selective admission policy for new first-quarter freshmen. In the light of experience, most of the details will be worked out and we recognize that some of the details in the document may need a change with practice.

In brief, the proposal was that for new first-quarter freshmen admission to the Columbus campus for Autumn Quarter, the University should set a traditional fixed closing date in late winter and select from among all applicants those most likely to benefit from Autumn Quarter admission and most likely to advance the mission of the University. Those not so admitted would still have the option of enrolling at the Columbus campus for another quarter or at a Regional campus any quarter or as a part-time evening commuter student, if that were appropriate.

The principal criteria for admission would be the applicant's high school program, high school rank, and special qualifications. Several years ago, the University gave a clear message with its conditional admission policy--that high school students should take college-preparatory courses if they intend to attend this University, or any other for that matter. In accordance with that same reasoning, those who pursue a college-preparatory program would be favored in the selection process besides what a student did in high school. How well the student did would also be important. Class rank would be the primary measure of that. Furthermore, the University is committed to promoting racial, cultural, and geographic diversity and to recognizing the special talents or circumstances of individuals. In accordance with its missions of affirmative action and of generally promoting diversity, these special qualifications of some students will also be principal criteria.

At the heart of the selection process will be a Faculty Committee which will make the actual decisions on individual students. That committee will report to the Council on Admission and Registration for policy matters and that body, in consultation with the Council on Academic Affairs, will report on important issues to the University Senate. Under current conditions, there will probably be about 15,000 or 16,000 new first-quarter freshmen applicants for Columbus campus Autumn Quarter. Of these, about eight percent or more will be admitted because the acceptance to

Professor Willke: (contd)

enrollment ratio is a little less than fifty percent. Thus, it is important to understand that most of the applicants can be admitted rather routinely on the basis of their high school records with no close scrutiny or difficult judgments involved.

Therefore, the Faculty Committee will only need to individually examine the applications of the much smaller set of students who are not admitted routinely. With this still large, but manageable load, that committee can exercise individual judgments which will be necessary to ensure that our goals of affirmative action, promotion of diversity, and recognition of special talent or circumstances are fulfilled.

Finally, it should be noted, again, that those who are not admitted to the Columbus campus for Autumn Quarter will be offered alternative ways to enroll at Ohio State. Thus, while some students may not have their first choice of time and place of enrollment, no student will be completely denied the opportunity to enroll at Ohio State. The response of the University community to this proposal was overwhelmingly positive. At its May meeting, the University Senate unanimously passed the general resolution supporting the adoption of selective admission policy, following the principles advanced in the March 7 document. That's the first part of the resolution which was given to you for this meeting. The second two parts of the resolution concern the appointment and composition of the Faculty Committee. There was some dissent on that, but, even so, they passed with a healthy majority. Therefore, in accordance with the bylaws of this Board, and the approval of the University, this resolution is presented to the Board.

President Jennings:

Thank you, Tom. Are there any questions? The dissent that Tom talked about was the exclusion of students on that, which we ordinarily do not do on our University governance structure. But since this is a curriculum matter--which is approved by the faculty--it is a faculty committee.

Mr. Immke:

Thank you, Tom.

June 10 and 11, 1986 meeting, Board of Trustees

SELECTIVE ADMISSION OF NEW FIRST-QUARTER FRESHMEN

Resolution No. 86-135

WHEREAS the current procedures for limiting admission of new first-quarter freshmen to the Columbus campus for Autumn Quarters provide inadequate control in meeting the state-mandated enrollment ceiling, serve our applicants badly, and impede progress toward our institutional goals; and

WHEREAS the Council on Admission and Registration's document of March 7, 1986, provides a set of principles for limiting admission of new first-quarter freshmen to the Columbus campus for Autumn Quarters and the basis for implementing an acceptable procedure to achieve that end; and

WHEREAS the University community's response to that March 7, 1986, document has been strongly supportive; and

WHEREAS on May 3, 1986, the University Senate approved the practice of selective admission of new first-quarter freshmen to the Columbus campus for Autumn Quarters, beginning with Autumn Quarter 1987, based on the academic and special qualifications of the applicants and according to the principles established in the March 7, 1986, document of the Council on Admission and Registration:

NOW THEREFORE

BE IT RESOLVED, That an interim Faculty Committee on Admissions be appointed for the purpose of implementing the principles of this policy. This committee shall be appointed by the Vice President for Academic Affairs and Provost in consultation with the Steering Committee of the University Senate. The committee shall consist of eight members as follows:

- (A) Six members of the regular faculty, including two faculty members currently serving on the Council on Admission and Registration, and one faculty member currently serving on the Council on Academic Affairs.
- (B) The Director of Admissions, or designee, non-voting.
- (C) The Vice Provost for Minority Affairs, or designee, non-voting.

This committee shall report to the Council on Admission and Registration. Proposed recommendations for changes in policy for selective admission will be forwarded as well to the Council on Academic Affairs; and

BE IT FURTHER RESOLVED, That the composition and responsibilities of this committee will be reviewed within one year and a recommendation made to the University Senate for appropriate further action.

June 10 and 11, 1986 meeting, Board of Trustees

SELECTIVE ADMISSION OF NEW FIRST-QUARTER FRESHMEN (contd)

Upon motion of Mr. Teaford, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

MARCH 7, 1986

A PROPOSAL FOR SELECTIVE ADMISSION OF NEW FIRST-QUARTER FRESHMEN TO THE COLUMBUS CAMPUS FOR AUTUMN QUARTER

INTRODUCTION

In his presentation to the University Senate, President Jennings outlined the shortcomings of this University's first-come, first-served policy for managing the admission of New First Quarter Freshmen (NFQF) to the Columbus campus for Autumn Quarter. In particular, he noted that the policy provides inadequate control in meeting the state-mandated enrollment ceiling, serves our applicants badly, impedes progress toward our institutional goals, and harms the University's public image.

In the past few years this self-defeating policy has led to ever-earlier closing dates to the point that this year we had to close admission for Autumn Quarter 1986 on November 15, 1985. Thus, in practice the University had open admission for a few short weeks. After mid-November, The Ohio State University became as selective as any university, in the country, admitting only a select few honors candidates, Freshman Foundation applicants, and students with special talents. Even with these extreme measures, next fall we will exceed our enrollment target for freshmen by almost 1,000 students. Without a change in policy we can expect a closing date in October 1986 for Autumn Quarter 1987 because applicants will rush even more to beat the deadline.

As the President pointed out, many of those admitted under the first-come, first-served policy in recent years have not been well served by the "false promise of open admission." Fully one-quarter of these freshmen have left before the beginning of the sophomore year. Even though our conditional admission policy is helping, the fact is that "open admission tends to signal unfortunate, and unfounded, perceptions that it also means lower academic standards." He further noted that, "It is neither possible nor desirable for Ohio State to be all things to all people." Many other institutions of high quality have excess capacity that our Columbus campus does not, and some students will be better served by these colleges and universities, community colleges, regional campuses, and technical schools.

While some applicants are poorly served by admission to the University, others who could benefit from attendance have been denied admission, often through no fault of their own. Many of the latter group are those whom Ohio State has a special obligation to serve, for example, the first

June 10 and 11, 1986 meeting, Board of Trustees

**A PROPOSAL FOR SELECTIVE ADMISSION OF NEW FIRST-QUARTER
FRESHMEN TO THE COLUMBUS CAMPUS FOR AUTUMN QUARTER (contd)**

generation college students who lack the advantage of family experience with college application forms and deadlines.

Our progress toward affirmative action and our recruitment of top scholars have been seriously hindered by the early closing dates because many are discouraged from applying for admission by the news that it is too late.

A change to a more rational selective admission policy is clearly necessary, and legal and historical precedents from both this University and others indicate that a change is possible. In this report the Council on Admission and Registration proposes a procedure for selective admission similar to that used at colleges and universities throughout the country. Three other state universities, Miami, Bowling Green and Ohio University, currently use a similar procedure as did OSU as late as the 1960's.

PROCEDURE FOR SELECTIVE ADMISSION

Immediately following is an outline of the suggested procedure for the admission of Ohio residents to the Columbus campus for Autumn Quarter. A flow chart is attached. Further discussion of the key issues, e.g., criteria to be used for judging admissibility, follow.

A fixed closing date for applications would be announced at the beginning of the admission cycle. All applications received before that date would receive equal consideration.

As applications are received they would be reviewed, and those applicants clearly meeting the established criteria would be admitted on a rolling basis; that is, notices of admission would be sent on a continuous basis as applications are received and approved. The criteria for admission on a rolling basis would need to be set high enough to ensure control of the number admitted while preserving consistency of judgement. Or put another way, the expected enrollment yield from the rolling admission must be safely below the enrollment target so that the enrollment target would not be exceeded or so that an arbitrary tightening of the criteria for later applicants would not be required to meet the target.

Rolling admission would be managed in two ways. First, many of the applicants would be admitted routinely by the Admissions Office because their qualifications would be apparent and easily judged. For example, an applicant with high class rank and no admission conditions needs no special scrutiny for admission. With an estimated 16,000 applications it is a practical necessity that most be admitted routinely. That is possible because probably less than 20% of the total 1987 applicant pool will ultimately be denied admission for Autumn Quarter, Columbus campus.

**A PROPOSAL FOR SELECTIVE ADMISSION OF NEW FIRST-QUARTER
FRESHMEN TO THE COLUMBUS CAMPUS FOR AUTUMN QUARTER (contd)**

Rolling admission would also be done by a faculty committee. Every application not accepted as above would be referred to a faculty committee for a closer inspection. The committee would determine whether the applicant had qualifications equivalent to those of students admitted as described above or had other qualifications to advance the University's special missions. If so, that student would be admitted on a rolling basis.

Applicants not admitted through the Admissions Office review or the faculty committee inspection would be notified that their admission decisions were deferred until after the closing date. At that time, all applications in this deferred pool would be reviewed by the faculty committee. The number of applicants admitted from the deferred pool would depend upon the spaces available to meet the enrollment target.

Those applicants not admitted would be sent letters denying them admission to the Columbus campus, Autumn Quarter, but offering the alternatives of enrolling on the Columbus campus for another quarter, on a regional campus any quarter, or, if appropriate, as a part-time evening commuter on the Columbus campus Autumn Quarter.

ADMISSION CRITERIA

The primary academic criteria for admission should be the applicant's high school class rank and high school program. High school class rank, or an equivalent calculated from grade-point average, is readily available, is relatively free of legal complications, and has proved to be a good predictor of academic success in college.

The high school program, as reflected by the number and kind of admission conditions assessed, would be the other significant academic factor in determining admission preference. This University's conditional admission policy has been an enormous success in leading high school students to stronger college preparatory studies, and the new admission policy should capitalize on the strengths of that policy. High grades alone, regardless of the courses taken, should not be sufficient for admission.

Analyses of Columbus campus Autumn Quarter 1984 NFQF showed higher retention rates, fewer failed courses, and higher cumulative point-hour ratios for students who met the unconditional admission requirements. Mathematics and English were the most important courses in this regard, with foreign language and the natural sciences less so; deficiencies in the visual and performing arts do not seem to affect retention probabilities. Deficiencies in the social sciences are very rare. Thus, there should be a very

**A PROPOSAL FOR SELECTIVE ADMISSION OF NEW FIRST-QUARTER
FRESHMEN TO THE COLUMBUS CAMPUS FOR AUTUMN QUARTER (contd)**

serious trade off between high school rank and admission conditions in mathematics and English. If a student has more than one deficiency in mathematics and English combined, normally acceptable high school rank would not be sufficient for rolling admission. Such cases would be referred to the faculty committee, but applicants would not be considered admissible unless there were special circumstances or qualifications. Admission conditions in the natural and social sciences or foreign language would have lesser effect while those in the visual and performing arts would have none. Students admitted with conditions would, as now, still need to remove these conditions.

Reaching beyond the academic criteria, the admission procedure, especially through the faculty committee, must be especially sensitive to applicants who promote cultural, racial, economic, and geographic diversity as well as those who possess special talents. These special recognitions will be an integral part of the admission procedure and will advance the University's commitment to these special goals.

Test scores would be used only in a positive way, that is, if they indicate that the high school record may underestimate a student's potential to succeed in college or if they suggest special talents not apparent otherwise.

FACULTY COMMITTEE ON FRESHMAN ADMISSION

The Faculty Committee on Freshman Admission would be central to the new process. Its first charge would be to establish criteria that would allow the majority of the admissible applicants to be cleared routinely by the Admissions Office. In the first year especially, the committee would have to make many individual decisions. It would admit all applicants whose qualifications appear to be equivalent, although not identical, to those needed for routine admission. By judging applications on an individual basis, the committee would ensure that the merits of each applicant are considered even though they do not fit the standard mold. For example, an applicant might have a lower class rank but come from a high school with demonstrably high standards and successful graduates. Or, through test scores or other means (e.g., audition, portfolio) the applicant may show talents or potential not reflected in the high school record.

As part of its selection process, the committee must take positive action to maintain and enhance the University's policies regarding affirmative action and the accommodation of other university goals. As a result, the committee must be permitted a flexibility that allows for unique merit and qualifications in whatever form they appear. Ideally the policy would lead to a healthy diversity in the incoming freshman class.

**A PROPOSAL FOR SELECTIVE ADMISSION OF NEW FIRST-QUARTER
FRESHMEN TO THE COLUMBUS CAMPUS FOR AUTUMN QUARTER (contd)**

The committee should function in a manner similar to that of the Faculty Committee on Conditional/Unconditional Admission. With some experience the committee should make and refine explicit policies for the Admissions Office to follow, thereby allowing an increasingly greater proportion of the admissible applicants to be admitted routinely. The experience of the Conditional/Unconditional Admission Committee indicates that this will happen rather quickly and efficiently.

The committee will always be needed to make decisions on the marginal applicants. It will monitor the new process, provide appropriate flexibility, and rule on appeals. The committee should also make recommendations as necessary for changes to the freshman admission policies and procedures to the Council on Admission and Registration.

The committee should consist of six faculty with staggered three-year terms and one graduate teaching associate. It should be assisted--ex officio--by resource persons from the Admissions Office and the Office of Minority Affairs. To assure the broadest student-faculty representation of opinion, policy matters will be addressed by the appropriate University committees.

CLOSING DATE

The traditional closing date for admission at most institutions is between February 1 and March 1. The Council recommends a February 15 date for 1987. A February 1 date would jeopardize the processing of the graduate student applications which are due on that date. A March 1 date would further delay notification of the final decision to the large pool of deferred applicants, and it is important to give them final word as soon as possible so that those denied admission to the Columbus campus have time to pursue alternate choices.

Exceptions to the closing date for the special categories will still be needed, but in much smaller numbers than before. Prior to the closing date, exceptions will not be needed because affirmative action and the other special goals will be an integral part of the admission criteria.

OTHER CONSIDERATIONS

Under current conditions it is estimated that about 20% of the total applicant pool would be denied admission to the Columbus campus for Autumn Quarter. When a sufficient high school preparatory program has been followed, a high school rank cut-off at approximately the upper 40% to 50% from the top would be required. Students with a lower high school

**A PROPOSAL FOR SELECTIVE ADMISSION OF NEW FIRST-QUARTER
FRESHMEN TO THE COLUMBUS CAMPUS FOR AUTUMN QUARTER (contd)**

rank would be admitted on the basis of an unusually strong high school program or special qualifications which fulfill a specific University mission, for example, affirmative action.

A preliminary assessment of the effects of this new policy indicates that it would greatly assist recruitment of honors and minority students, increase costs in the Admissions Office, and incur considerable faculty involvement the first year and a lesser, but still significant, amount thereafter. It would increase the proportion of more qualified students and therefore, ultimately, the proportion of upper-division students. This, in turn, would have an effect, both welcome and manageable, on various University units. Increased retention will ultimately decrease the allowable number of NFQF for Columbus for Autumn.

With some care in the execution of the new policy, regional campuses need not suffer a loss of image. For each of the past few years fewer than sixty Columbus campus applicants who were denied admission under our first-come, first-served policy actually enrolled at regional campuses. Under the proposed policy the type of students may change, but the number will probably remain insignificant because the total number denied admission to the Columbus campus, Autumn Quarter, should be the same as before.

CONCLUSION

The Council recommends the adoption of the freshman admission policy and procedure presented above. It incorporates competitive criteria to admit the majority of the applicants efficiently by setting quantitative standards based upon the latest available profile of Columbus campus Autumn Quarter NFQF. The faculty committee review of other applicants will not only ensure flexibility in the application of the academic criteria, but also the fulfillment of the University's affirmative action and other specific admission goals.

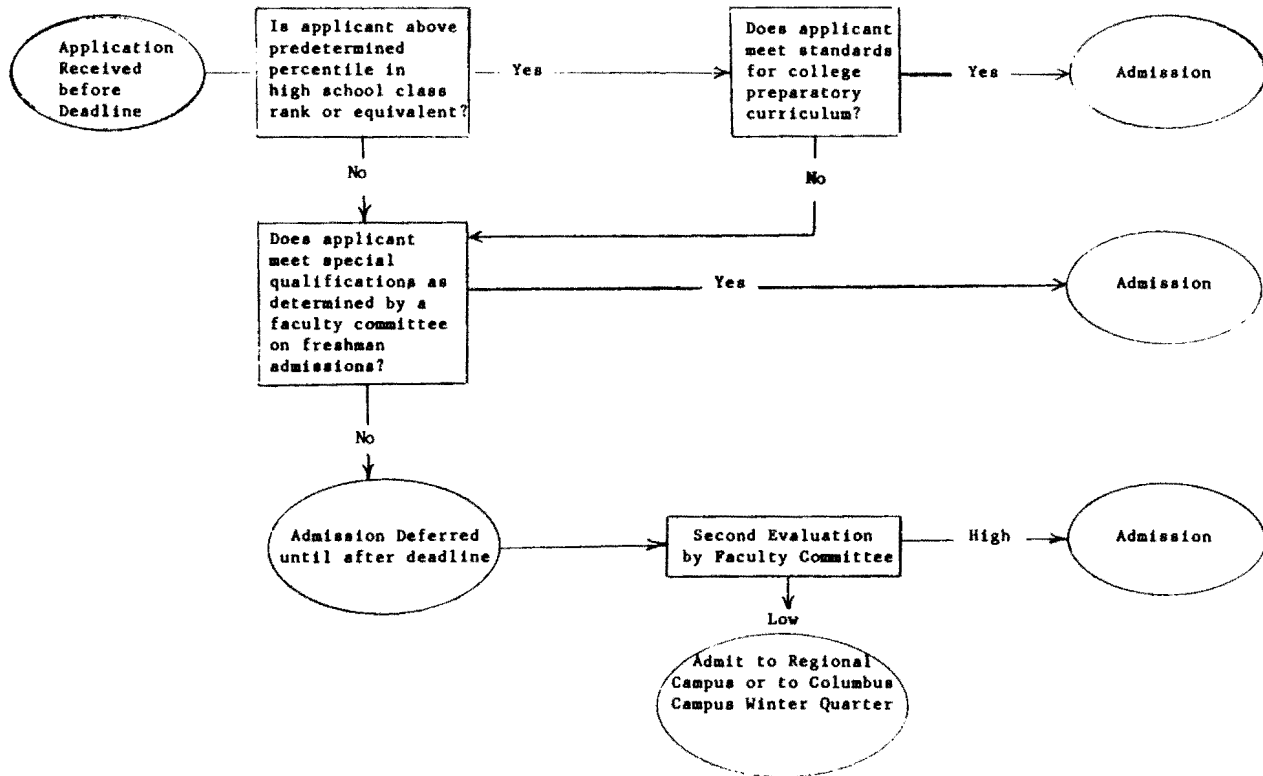
Replacing the present self-defeating, self-contradictory freshman admission policy with the proposed policy would have a number of salutary consequences:

- It would preserve the open admission tradition of the University by admitting all eligible applicants while restricting only the choice of time and place of enrollment.
- It would ensure finer and steadier control over the number of students admitted.
- It would end the tightening spiral of earlier and earlier closing dates and the negative consequences which accompany it.

**A PROPOSAL FOR SELECTIVE ADMISSION OF NEW FIRST-QUARTER
FRESHMEN TO THE COLUMBUS CAMPUS FOR AUTUMN QUARTER (contd)**

- It would advance the goals of the University and its pursuit of excellence by admitting a greater concentration of more qualified students and thus would allow limited resources to be used to the best advantage.
- It would enhance the reputation of the University as an institution in the pursuit of excellence.
- It would facilitate the recruitment of students having special qualifications which advance the goals of the University.
- It is a straightforward policy congruent with public expectations for a quality institution of higher education.
- It would replace the current mixture of both non-judgmental and highly selective policies with an internally consistent policy.

PROPOSED FRESHMAN ADMISSIONS POLICY
THE OHIO STATE UNIVERSITY
COLUMBUS CAMPUS, AUTUMN QUARTER



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AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY

Resolution No. 86-136

Synopsis: Amendments to rules 3335-3-291 and 3335-3-35 and the rescission of the Pattern of Departmental Administration of the Rules of the University Faculty are being proposed.

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to the Rules of the University Faculty as approved by the University Senate; and

WHEREAS the existing statement describing "Pattern of Departmental Administration," as found following Rule 3335-3-39 in the Rules of the University Faculty, contains information of value but is not a part of the rules; and

WHEREAS the Committee on Academic Freedom and Responsibility recommends that a clarification of the intent of those statements, "adopted in principle by Faculty Council in 1941," be incorporated in Rule 3335-3-35; and

WHEREAS Rule 3335-3-291, Dean and Director of a Regional Campus, also makes reference to this issue; and

WHEREAS after such incorporation, the statement on "Pattern of Departmental Administration" is no longer necessary and should be deleted; and

WHEREAS the University Senate approved the following proposed amendments to Faculty Rules 3335-3-291, and 3335-3-35 and the rescission of "Pattern of Departmental Administration," on May 3, 1986, as follows:

AMENDED RULES

3335-3-291 Dean and director of a regional campus.

- (B) (2) To develop in consultation with the faculty a pattern of administration for the regional campus following the principles set forth in paragraph (B) (2) of rule 3335-3-35 of the Administrative Code.

3335-3-35 Chairpersons of departments, directors of schools.

- (B) (2) To develop in consultation with the faculty a pattern of administration. This pattern of administration shall be made available to all present and prospective members of the faculty of the department or school, and a copy shall be deposited in the office of the dean of the college and in the office of the vice president for academic affairs and provost.

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

For purposes of defining minimum content, the following shall be included in the pattern of administration:

- (a) A statement requiring the chair to provide a schedule of all regular faculty meetings (see rule 3335-5-18 of the Administrative Code) to all faculty members before the start of each quarter, semester, or session.
 - (b) A statement requiring the chair to maintain minutes of all faculty meetings and to maintain records of all other actions covered by the pattern of administration.
 - (c) A statement that the chair will consult with the faculty as a whole on all policy matters, and that such consideration will, whenever practicable, be undertaken at a meeting of the faculty as a whole.
 - (d) A statement recognizing in principle the presumption favoring majority faculty rule on all matters covered by the pattern of administration.
 - (e) A statement affirming that the faculty shall be consulted in the initiation and in the review and selection of new faculty members for appointment.
- (3) To prepare, after consultation with the faculty and in accordance with the pattern of departmental administration, a statement setting forth the criteria and procedures according to which recommendations are made concerning appointments and/or dismissals, salary adjustments, promotions in rank, and matters affecting the tenure of the faculty. 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 dean of the college and in the office of the vice president for academic affairs and provost. At the beginning of each four-year term of the chairperson of a department or the director of a school, the members of the department or school, the office of the dean of the college, and the office of the vice president for academic affairs and provost shall receive either a revision or reaffirmation of the original statement.
- (4) Unchanged.
- (5) To plan with the members of the faculty and the dean of the college a progressive program.

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

- (6) Unchanged.
- (7) To evaluate faculty members periodically in accordance with criteria approved by the board of trustees and subject to instructions from the vice president for academic affairs and provost, and also according to such supplemental criteria as may be set up by the department or school.
- (8) To recommend to the dean of the college, after consultation with the faculty in accordance with paragraph (B) (3), appointments, promotions, dismissals, and matters affecting the tenure of members of the department or school faculty.
- (9) Unchanged.
- (10) Unchanged.
- (11) To see that adequate supervision and training are given to those members of the faculty and staff who may profit by such assistance.

Recission of Pattern of Departmental Administration.

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to the Rules of the University Faculty be adopted as recommended by the University Senate.

Upon motion of Mr. Berry, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**ADDITIONAL AMENDMENTS TO THE
RULES OF THE UNIVERSITY FACULTY**

Resolution No. 86-137

Synopsis: An amendment to rule 3335-9-08, (Medical examination and enrollment denial for medical reasons) and the creation of a new rule 3335-9-081 (Withdrawal for medical reasons) of the Rules of the University Faculty are being proposed.

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend the adoption of amendments to the Rules of the University Faculty through the President to the Board of Trustees; and

**ADDITIONAL AMENDMENTS TO THE
RULES OF THE UNIVERSITY FACULTY (contd)**

WHEREAS the University currently requires students, upon admission, to submit a medical examination report form to the University Student Health Service; and

WHEREAS from time to time some students may present a substantial danger or risk of causing harm to the student, others, or the property of the University or members of the University community as a result of their state of physical or mental health; and

WHEREAS the University Senate has approved an amendment to rule 3335-9-08 and the creation of rule 3335-9-081 of the Faculty Rules as follows:

AMENDED RULE

3335-9-08 Medical examination and enrollment denial for medical reasons.

- (A) After admission, but prior to enrollment, each student seeking to enroll shall complete and submit to the university health service medical information in a form prescribed by the health service. Failure to comply with this requirement may result in denial of enrollment.
- (B) Students with certain physical, psychological or emotional health conditions may be subject to a hold from enrollment. Such a hold may be imposed when there is clear and convincing evidence that:
 - (1) The student's current state of physical health poses a substantial danger to the health and well-being of other members of the university community; or
 - (2) The student is suffering from a mental disorder and as a result of that disorder engages, or threatens to engage in behavior which:
 - (a) Poses a substantial danger or risk of causing harm to the student or to others or
 - (b) Poses a substantial danger or risk to university property, or to the property of another member of the university community.
- (C) When the health of a student is alleged to be as defined in paragraph (B) above, the director of the university health service, or designee, shall consult with the student about the student's health status. If

**ADDITIONAL AMENDMENTS TO THE
RULES OF THE UNIVERSITY FACULTY (contd)**

the director decides it is necessary, the student may be required to submit to examination(s) deemed sufficient to evaluate such condition. The university health service will then review the case, including any medical evidence or opinion available, and determine appropriate university action. If the student fails to submit to an examination, or fails to furnish relevant health condition information, or if the review by the director discloses the existence of an immediate danger to the university community as set out in paragraph (B) above, the student may be subject to a hold from enrollment; or conditions appropriate to protect the university community may be placed upon enrollment. In arriving at appropriate action, the director will take into account reasonable action on the part of the university to accommodate the student's condition.

(D) If a student has been placed on a hold from enrollment, or otherwise experienced modification of enrollment status by reason of health conditions enumerated in paragraph (B) above, the student may petition for revision of that status through the office of the vice provost for student affairs.

(1) Such request must be accompanied by supporting documentation that the conditions for revision of enrollment status have been fulfilled, and/or that the health condition has changed sufficiently to make revision appropriate. Upon receipt of such request, the vice provost for student affairs will evaluate the evidence, or convene the case consultation committee (composed of representatives of counseling and consultation service, university health service, the student's academic unit, and other academic/administrative units as appropriate) for that purpose, and decide to:

(a) Approve enrollment without condition;

(b) Approve enrollment with specified conditions such as medical treatment; or

(c) Deny enrollment.

(2) The student must, in addition, meet all normal and appropriate standards for enrollment set by the academic unit in which the student seeks to enroll.

NEW RULE

3335-9-081 Withdrawal for medical reasons.

(A) Students with certain physical, psychological, or

**ADDITIONAL AMENDMENTS TO THE
RULES OF THE UNIVERSITY FACULTY (contd)**

emotional health conditions may be subject to the sanctions provided in rules 3335-29-02 through 3335-29-08 of the Administrative Code. Appropriate sanctions may be imposed when there is clear and convincing evidence that:

- (1) The student's current state of physical health poses a substantial danger to the health or well-being of other members of the university community; or
- (2) The student is suffering from a mental disorder and as a result of that disorder engages or threatens to engage in behavior which:
 - (a) Poses a substantial danger or risk of causing harm to the student or to others;
 - (b) Poses a substantial danger or risk to university property, or to the property of another member of the university community; or
 - (c) Results in conduct which substantially impedes or disrupts the authorized activities of other members of the university community as defined in rule 3335-11-02 of the Administrative Code.

- (B) When the health of a student is alleged to be as defined in paragraph (A) above, the vice provost for student affairs, or designee, shall consult with the student about the student's health status. If the vice provost for student affairs decides it is necessary, the student may be required to submit to examination(s) deemed sufficient by the university health service to evaluate such condition. The office of the vice provost for student affairs will then review the case, including any medical evidence or opinion available, and determine appropriate university action. If the student fails to submit to an examination, or fails to furnish relevant health condition information, or if the review by the vice provost for student affairs discloses the existence of an immediate danger to the university community as set out in paragraph (A) above, the student may be subject to any sanction provided in the rules 3335-29-02 through 3335-29-08 of the Administrative Code; immediate involuntary withdrawal from the university with an order to leave the campus; or conditions appropriate to protect the university community may be placed upon continued enrollment. In arriving at appropriate action, the vice provost for student affairs will take into account reasonable action on the part of the university to accommodate the student's condition. Involuntary withdrawal will be used as a last resort.

June 10 and 11, 1986 meeting, Board of Trustees

**ADDITIONAL AMENDMENTS TO THE
RULES OF THE UNIVERSITY FACULTY (contd)**

- (C) If a student has been withdrawn, or otherwise experienced modification of enrollment status by reason of health conditions enumerated in paragraph (A) above, the student may petition for revision of that status through the office of the vice provost for student affairs.
- (1) Such request must be accompanied by supporting documentation that the conditions for revision of enrollment status have been fulfilled, and/or that the health condition has changed sufficiently to make such revision appropriate. Upon receipt of such request, the vice provost will evaluate the evidence, or convene the case consultation committee (composed of representatives of counseling and consultation service, university health service, the student's academic unit, and other academic/administrative units as appropriate) for that purpose, and decide to:
- (a) Revise the status, without condition;
 - (b) Revise the status, with specified conditions of continuation, such as medical treatment or disciplinary action; or
 - (c) Not revise the status.
- (2) The student must in addition meet all normal and appropriate standards for admission or enrollment set by the academic unit in which the student seeks to enroll.

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendment to rule 3335-9-08 and the creation of rule 3335-9-081 of the Rules of the University Faculty be adopted as recommended by the University Senate.

Upon motion of Mr. Immke, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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NAMING OF BUILDING

Resolution No. 86-138

Synopsis: A name is proposed for the building under construction on the Columbus campus at 480 West Ninth Avenue, now described as The Ohio State University Arthritis and Geriatrics Center.

NAMING OF BUILDING (contd)

WHEREAS this Board has authority in naming of all buildings and structures at The Ohio State University, as set forth in paragraph (G) of rule 3335-1-08 of the Administrative Code; and

WHEREAS the building being constructed on the Columbus campus at 480 West Ninth Avenue is currently described as The Ohio State University Arthritis and Geriatrics Center; and

WHEREAS Dorothy M. Davis of Columbus has provided significant and generous private financial support to the University to assist the diversity of medical research programs that will be conducted in the Center; and

WHEREAS said support has been provided to honor the memory of Dorothy M. Davis's late husband, William H. Davis, who received a bachelor of science degree in business administration from Ohio State in 1926, and was a loyal alumnus and generous benefactor of the University throughout his life; and

WHEREAS the President recommended, with the concurrence of the President's staff, that the aforementioned building at 480 West Ninth Avenue be named in honor of William H. Davis:

NOW THEREFORE

BE IT RESOLVED, That henceforth the building at 480 West Ninth Avenue shall bear the name, "The William H. Davis Medical Research Center," in honor and memory of William H. Davis.

Upon motion of Mr. Immke, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 86-139

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the May 1, 1986 meeting of the Board, including the following Appointments, Reappointment of Principal Administrative Official, Appointment of Chairperson of Department, Reappointment of Chairpersons of Departments and Division and Director of Center, Other Appointment, Leaves of Absence Without Salary, Leave of Absence Without Salary--Continuation, Leave of Absence Without Salary--Cancellation, Promotions/Tenure, and Emeritus Titles as detailed in the University Budget be approved.

PERSONNEL ACTIONS (contd)

Appointments

Name: CAROLE A. ANDERSON
Title: Dean/Professor
College/Department: Nursing/Family and Community
Effective: August 1, 1986
Salary: \$75,000.00
Present Position: Associate Dean for Graduate Studies,
Associate Professor of Nursing and of
Psychiatry, University of Rochester,
School of Nursing, Rochester, NY

Name: PAPPACHAN E. KOLATTUKUDY
Title: Director/Professor
Center/Department: Biotechnology/Biochemistry
Effective: September 1, 1986
Salary: \$91,800.00
Present Position: Fellow and Director of Institute of
Biological Chemistry, Professor of
Biochemistry, Washington State Uni-
versity, Pullman, WA

Name: MERVIN E. MULLER
Title: Chairperson Professor (The Robert M.
Critchfield Professorship in Engineer-
ing)
Department: Computer and Information Science
Effective: June 1, 1986
Salary: \$90,080.00
Present Position: Chairperson Professor, Computer and In-
formation Science

Name: RONALD W. HANSEN
Title: Associate Professor (Merrell Dow Pro-
fessorship in Pharmaceutical Adminis-
tration)
Division: Pharmaceutical Administration
Effective: July 1, 1986
Salary: \$61,080.00
Present Position: Associate Director, Center for Research
in Government Policy and Business,
Graduate School of Management, Uni-
versity of Rochester, Rochester, NY

Reappointment of Principal Administrative Official

WILLIAM R. WALLACE, Dean of the College of Dentistry,
effective July 1, 1986 through June 30, 1991, pursuant
to rule 3335-3-17 of the Administrative Code.

Appointment of Chairperson of Department

July 1, 1986 through June 30, 1990

Industrial Design

Joseph A. Koncelik

June 10 and 11, 1986 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Reappointment of Chairpersons of Departments and Division and Director of Center

July 1, 1986 through June 30, 1987

Center for Comparative Studies
in the Humanities
Photography and Cinema

Marilyn R. Waldman
George P. Crepeau*

July 1, 1986 through June 30, 1988

Preventive Medicine

Martin D. Keller

July 1, 1986 through June 30, 1989

Division of Medicinal Chemistry
and Pharmacognosy

Duane D. Miller

July 1, 1986 through June 30, 1990

Anatomy
Anesthesiology
Aviation
Ceramic Engineering
Engineering Mechanics
Industrial and Systems
Engineering
Medical Microbiology &
Immunology
Pediatrics
Physiological Chemistry
Radiology

James S. King
John S. McDonald
G. Stacy Weislogel
Dennis W. Readey
Sunder H. Advani

George L. Smith, Jr.

M. Ronald Glaser
Grant Morrow, III
Gerald P. Brierley
A. John Christoforidis

October 1, 1986 through June 30, 1987

Art Education

Kenneth A. Marantz

*Acting Chairperson

Other Appointment

Name:	EARLE D. BRUCE
Title:	Men's Head Football Coach
Department:	Athletics
Term of Appointment:	July 1, 1986 through June 30, 1989
Salary:	\$87,120.00
Special Instructions:	This Board action ratifies and confirms the agreement between the University and Mr. Bruce.

Leaves of Absence Without Salary

BERNHARD FISCHER, Assistant Professor, Department of German, effective Autumn Quarter 1986 and Winter Quarter 1987, to accept a visiting teaching position at the University of Siegen, Federal Republic of Germany.

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

JUDITH A. GROVES, Assistant Professor, Department of Pediatrics, effective January 21, 1986 through March 31, 1986, for medical reasons.

JOANNE H. TURNER, Assistant Professor, Academic Faculty of Accounting and Management Information Systems, effective Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987, to undertake a concentrated program of academic research.

Leave of Absence Without Salary--Continuation

VIJAYARAGHAVAN GOVINDARAJAN, Associate Professor, Academic Faculty of Accounting and Management Information Systems, Autumn Quarter 1986, Winter Quarter and Spring Quarter 1987, to continue as a Visiting Professor at Dartmouth College.

Leave of Absence Without Salary--Cancellation

EDMUND D. LOWNEY, Professor, Department of Medicine, effective May 1, 1986.

Emeritus Titles

ROBERT E. TAYLOR, National Center for Vocational Education and Department of Agricultural Education, with the title Executive Director and Professor Emeritus, effective July 1, 1986.

ARTHUR D. LYNN, JR., College of Business and School of Public Administration, with the title Associate Dean and Professor Emeritus, effective July 1, 1986.

DOROTHY BRICKMAN, Office of International Student and Scholar Services, with the title Director Emeritus, effective July 1, 1986.

IAN W. GREGORY, Department of Psychiatry, with the title Professor Emeritus, effective June 1, 1986.

RONALD B. HOHN, Department of Veterinary Clinical Sciences, with the title Professor Emeritus, effective May 1, 1986.

EDMUND D. LOWNEY, Department of Medicine, with the title Professor Emeritus, effective May 1, 1986.

WALTER D. CRAIG, Department of Photography and Cinema, with the title Associate Professor Emeritus, effective July 1, 1986.

NOEL W. HIATT, College of Dentistry - Oral Surgery, with the title Associate Professor Emeritus, effective April 1, 1986.

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

RICHARD V. NORTHRUP, Academic Faculty of Accounting and Management Information Systems, with the title Associate Professor Emeritus, effective July 1, 1986.

BYRON B. STINSON, Department of Psychiatry, with the title Associate Professor Emeritus, effective July 1, 1986.

CELIANNA I. TAYLOR, University Libraries, with the title Associate Professor Emeritus, effective July 1, 1986.

WILLIAM FORM, Department of Sociology, with the title Professor Emeritus, effective July 1, 1986. This appointment was approved pursuant to the recommendation of the Office of Academic Affairs and with the concurrence of the Office of the President as an exception to the Rules of the University Faculty, 3335-5-19(C).

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

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RESOLUTIONS IN MEMORIAM

Resolution No. 86-140

Synopsis: Resolutions honoring the service of three of the University's faculty members who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Charles B. Boyles

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 23, 1986, of Charles B. Boyles, Assistant Professor in the Department of Animal Science.

Charles B. Boyles was born January 10, 1925, in Phillipi, West Virginia. He attended West Virginia University and received B.S. and M.S. degrees. He was associated with Lundale Farm of Oak Hill, West Virginia, and was Farm Superintendent for West Virginia University.

In 1966, he joined the Eastern Ohio Resource Development Center of The Ohio State University and the faculty of the Animal Science Department.

RESOLUTIONS IN MEMORIAM (contd)

Charles B. Boyles (contd)

While at OSU/EORDC he was active in research projects on agricultural improvement in Eastern Ohio. He lead the development of the modern hay harvesting systems in Eastern Ohio, managed the development of the Eastern Ohio Bull Testing Station and improved the livestock managements for beef cattle and sheep. In 1974, he received an award from Guernsey and Noble County Chamber of Commerce as the "Outstanding Man of the Year."

He was a member of Sigma Xi; The American Society of Animal Science; Noble County Chamber of Commerce; Ohio Sheep Improvement Association; Ohio Beef Cattle Association; and the Masons.

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

Ronald Bruce Hohn

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 8, 1986, of Ronald Bruce Hohn, DVM, Professor in the Department of Veterinary Clinical Sciences.

Dr. Hohn was born on October 17, 1925, in St. Paul, Minnesota. He received his primary and secondary education at Lakewood Consolidated School in Duluth, Minnesota. He was a second lieutenant in World War II. Dr. Hohn received a bachelor of science degree (1949), a doctor of veterinary medicine degree (1951), and a master of science in veterinary surgery degree (1967) from the University of Minnesota. He was the first veterinarian to serve as an orthopedic fellow at the Mayo Clinic in Rochester, Minnesota.

Dr. Hohn served on numerous professional and college committees and boards, and had published extensively. He was internationally known for his work in orthopedic surgery and, in particular, for his role as general program chairman of the annual Internal Fixation of Fractures and Non-Unions course held at Ohio State since 1970. He was also named "Veterinarian of the Year" in 1976 by the American Animal Hospital Association, and was the Humboldt U.S. Awardee in Munich, West Germany, for 1984-85.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Hohn its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered

June 10 and 11, 1986 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Ronald Bruce Hohn (contd)

to the family of Dr. Hohn as a sincere expression of the Board's realization of the loss that the family, the University, and his many friends and associates have sustained.

Clarence E. Taft

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 31, 1986, of Clarence E. Taft, Professor Emeritus in the Department of Botany.

Clarence E. Taft was born November 13, 1906, in Romeo, Michigan. He received a bachelor's degree from Michigan State Normal College in 1929, a master's degree from the University of Oklahoma in 1931, and a doctorate from The Ohio State University in 1934. Dr. Taft had a long and distinguished career at The Ohio State University where he served as a teacher for 43 years before becoming Professor Emeritus. He was a distinguished teacher who received the College of Biological Sciences Distinguished Teaching Award in 1971, and the University Distinguished Teaching Award in 1974. He inspired many undergraduate students over the years and supervised over 25 masters and 12 doctoral students. As director of the general botany courses from 1959 to 1965, and in establishing training programs in the College of Education and School of Natural Resources, he particularly influenced the education of numerous students in the botanical sciences.

Professor Taft's interests in research related to algae and in particular to the role of these aquatic plants in human affairs. He did research on Lake Erie and also frequently taught at the University's Stone Laboratory there. He was first Co-Director and then Director of The Ohio State University multidisciplinary training program in water pollution control. His knowledge of water pollution problems led to a book on algae in human affairs and many papers. He served as consultant to numerous public and private organizations concerned with water quality, and for many years, even after his retirement from the University, he was a regular consultant for the Columbus Department of Water. He also served his profession as editor and reviewer for scientific journals.

The long and distinguished service of Clarence E. Taft to The Ohio State University, the profession of botany, and the people of Ohio was recognized with a University Distinguished Service Award at the Summer 1981 commencement. His distinguished career and leadership in education will long be remembered by those whom they influenced.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding

June 10 and 11, 1986 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Clarence E. Taft (contd)

in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Upon motion of Mr. Immke, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 86-141

Synopsis: The reports on contracts, grants, and gifts and the summary for April 1986 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial and other agencies and alumni and various other individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station and The Ohio State University Development Fund during the month of April 1986 be approved.

Upon motion of Mr. Berry, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

SUMMARY FOR APRIL 1986

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	104	\$6,797,961.53
Engineering Experiment Station	46	\$ 236,262.00
Total	150	\$7,033,223.53

June 10 and 11, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR APRIL 1986 (contd)

The Ohio State University Development Fund

Establishment of Named Funds

The Gerald E. Ermlich Memorial Scholarship Fund (Scholarship - insurance majors)	\$ 10,000.00
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The James H. Tilberry Law Library Fund (Support activites of the Law Library)	\$ 7,400.00
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The Webster B. Kay Scholarship Fund in Chemical Engineering (Scholarships)	\$ 7,359.90
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The Albert Shapero Memorial Fund (Interest free loan - College of Business)	\$ 6,576.95
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Ralph and Ruth Haignere Rose Student Nurse Scholarship Fund (Tuition and incidental fees - College of Nursing)	\$ 6,000.00
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The Harry L. Thoman, Jr., Scholarship Fund (Scholarships - real estate majors)	\$ 5,000.00
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Change of Name and Description of Named Fund

From:	The Harold E. Kaeser Endowed Scholarship Fund
To:	The Harold E. and Florence R. Kaeser Scholarship Fund

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY
OFFICE OF UNIVERSITY DEVELOPMENT

July through March
1984-85 compared to 1985-86

CONTRIBUTIONS BY DONOR TYPE

	Donors			Dollars		
	July through	March		July through	March	
	<u>1984-85</u>	<u>1985-86</u>	<u>% Change</u>	<u>1984-85</u>	<u>1985-86</u>	<u>% Change</u>
Alumni	38,715	35,637	(8)	\$ 5,718,245	\$ 6,924,160	21
Non-Alumni	22,349	17,869	(20)	3,369,759	4,587,273	36
Corporations	1,421	1,184	(17)	6,032,031	4,928,409	(18)
Corporate Foundations	228	207	(9)	1,557,974	1,526,116	(2)
Private Foundations	97	100	3	961,614	2,597,170	170
Other	<u>524</u>	<u>484</u>	(8)	<u>966,180</u>	<u>1,190,524</u>	23
TOTAL	63,334	55,481	(12)	\$18,605,803	\$21,753,652	17

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

The Ohio State University Campaign

Progress Report

Through March 31, 1986

	<u>*Campaign Expectancies</u>	<u>Current Year Campaign Receipts (July-Mar. 1985-86)</u>	<u>Previous Years Campaign Receipts (As of June 30, 1985)</u>	<u>Total</u>	<u>Campaign Goal</u>	<u>% Achieved</u>
Alumni	\$52,699,194	\$ 6,924,160	\$1,308,238	\$ 60,931,592	\$122,500,000	50
Friends	25,876,229	4,587,273	4,126,814	34,590,316	70,000,000	49
Corporations	5,071,026	7,645,049	2,133,306	14,849,381	122,500,000	12
Foundations	<u>1,300,000</u>	<u>2,597,170</u>	<u>226,363</u>	<u>4,123,533</u>	<u>35,000,000</u>	12
Total	\$84,946,449	\$21,753,652	\$7,794,721	\$114,494,822	\$350,000,000	33

*Defined as pledges and deferred commitments less payments already received.

June 10 and 11, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - April 1986

Federal Research Contracts/Grants

\$799,300.00 - Department of the Army, Army Tank - Automotive Command, Warren, MI, A Mobility System Design Study for an Agile Automatic Land Vehicle, Department of Electrical Engineering (R. B. McGhee), Department of Mechanical Engineering (K. J. Waldron) and Department of Computer and Information Science (B. Weide), 16 February 1986 through 31 October 1986. (Project 764306 - Continuation)

\$320,000.00 - National Science Foundation, Washington, DC, Nuclear Physics at Low and Intermediate Energies, Including Investigations of Fundamental Symmetries and Nuclear Astrophysics, Department of Physics (S. L. Blatt, T. R. Donoghue, H. J. Hausman and E. R. Sugarbaker), 1 May 1986 through 30 April 1987. (Project 764671 - Continuation)

\$223,386.00 - Department of Defense, Defense Advanced Research Projects Agency, Griffis Air Force Base, NY, Explanation in Problem-Solving and Planning Systems, Department of Computer and Information Science (B. Chandrasekaran), 16 January 1985 through 15 January 1987. (Project 764562 - Continuation)

\$215,917.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Exercise in Elders: Life Style and Physiologic Change, School of Health, Physical Education and Recreation (D. R. Lamb), 1 April 1986 through 31 March 1987. (Project 764047 - Continuation)

\$164,856.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Polycondensed Alicyclics and Their Antiviral Role, Department of Chemistry (L. A. Paquette), 1 May 1986 through 30 April 1987. (Project 763920 - Continuation)

\$161,198.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Biomedical Research Support Grant, College of Medicine - Administration (D. G. Cornwell), 1 April 1986 through 31 March 1987. (Project 761078 - Continuation)

\$150,000.00 - National Science Foundation, Washington, DC, A Cooperative Paleoclimatic Study of the Dundee Ice Cap and its Relationship to Global Climatic Variability, Institute of Polar Studies (L. G. Thompson and E. Mosley-Thompson), 1 May 1986 through 30 April 1987. (Project 765310 - New)

\$145,684.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health,

June 10 and 11, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

Bethesda, MD, Stereochemistry of Enzyme Reactions, Department of Chemistry (H. G. Floss), 1 April 1986 through 31 March 1987. (Project 763422 - Continuation)

\$141,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Video Image Analysis of Neural and Cell Biology, Department of Surgery (M. S. Beattie), 1 April 1986 through 31 March 1987. (Project 765309 - New)

\$138,104.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, DC, Remediating Social Deficits in Peer Interactions: A Model Early Intervention Program, Department of Psychology (S. J. Beck) and Nisonger Center for Mental Retardation (M. J. Guralnick), 1 July 1986 through 30 June 1987. (Project 764269 - Continuation)

\$137,864.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Biomedical Research Support Grant, Research and Graduate Studies Administration (T. L. Sweeney), 1 April 1986 through 31 March 1987. (Project 764748 - Continuation)

\$135,000.00 - National Science Foundation, Washington, DC, Research in Astrophysics, Medium Energy Physics and Fundamental Particles, Department of Physics (R. N. Boyd), 1 May 1986 through 30 April 1987. (Project 765332 - New)

\$134,930.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Metabolism of (n-3) Fatty Acids, Department of Physiological Chemistry (H. W. Sprecher), 1 April 1986 through 31 March 1987. (Project 760745 - Continuation)

\$130,096.00 - Department of Education, Rehabilitation Services Administration, Chicago, IL, Training Grant in Physical Medicine and Rehabilitation, Department of Physical Medicine (E. Johnson), 1 September 1986 through 31 August 1987. (Project 765014 - Continuation)

\$126,956.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Epstein-Barr Virus DNA in Transfected Cells, Department of Medical Microbiology and Immunology (M. R. Glaser), 1 April 1986 through 31 March 1987. (Project 762623 - Continuation)

\$125,000.00 - Environmental Protection Agency, Research Triangle Park, NC, Evaluation of Carcinogen-Induced Transformation of Normal Human Fibroblasts, Department of

June 10 and 11, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

Physiological Chemistry and Cancer Research Center (G. E. Milo), 15 September 1985 through 14 September 1987. (Project 765021 - Continuation)

\$124,500.00 - National Science Foundation, Washington, DC, Special Purpose Computer Architectures for Control of Robotic Mechanism, Department of Electrical Engineering (D. E. Orin and K. W. Olson), 1 May 1986 through 30 April 1987. (Project 764136 - Continuation)

\$123,891.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Immunochemical Analysis of Exotoxin-A from Pseudomonas aeruginosa, Department of Microbiology (D. R. Galloway), 1 April 1986 through 31 March 1987. (Project 765322 - New)

\$120,422.00 - Environmental Protection Agency, Washington, DC, Fate of DNA Damage in Human Fetal Cells, Department of Radiology (S. M. D'Ambrosio and A. A. Wani), 1 May 1986 through 30 April 1988. (Project 763308 - Continuation)

\$120,000.00 - Department of the Air Force, Geophysics Lab, Hanscom Air Force Base, MA, Improved Gravity Field Estimation Procedures and the Development of Improved Reference Frames, Department of Geodetic Science and Surveying (R. H. Rapp), 1 April 1986 through 31 March 1987. (Project 765306 - New)

\$119,688.00 - National Science Foundation, Washington, DC, Synthesis and Isomerization Reactions of Novel Alicyclic Molecules, Department of Chemistry (L. A. Paquette), 1 September 1986 through 31 August 1987. (Project 764023 - Continuation)

\$107,954.00 - Department of Energy, Argonne, IL, Investigations of Ultrasonic Wave Interactions at Boundaries Separating Anisotropic Materials, Department of Welding Engineering (L. Adler), 1 April 1986 through 31 March 1987. (Project 764033 - Continuation)

\$102,327.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Deletions in the Alpha and Beta Globin Gene Clusters, Department of Biochemistry (E. F. Vanin), 1 April 1986 through 31 March 1987. (Project 764634 - Continuation)

\$101,091.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Dietary Fat: Physiological Function, Department of Physiological Chemistry (H. W. Sprecher), 1

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

May 1986 through 30 April 1987. (Project 764415 - Continuation)

\$99,831.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, DC, Mechanisms of Chemical Modulation Toxicity of the Immune System, Department of Veterinary Pathobiology (M. J. Tarr and R. G. Olsen), 15 April 1986 through 14 April 1987. (Project 765335 - New)

\$92,022.00 - Department of Education, Office of Special Education, Washington, DC, Training Teachers to Educate Children Transitioning from County Segregated Programs to Public School Programs at the Elementary Level, Department of Human Services Education (T. Stephens), 1 June 1986 through 31 May 1987. (Project 764897 - Continuation)

\$82,409.00 - Department of the Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, OH, Heat Transfer and Fluid Friction on Rough Turbine Blades, Department of Mechanical Engineering (L. S. Han), 1 April 1986 through 30 September 1988. (Project 765354 - New)

\$81,348.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Synthesis of Substituted Polycyclic Hydrocarbons, Department of Chemistry (M. S. Newman and H. G. Floss), 1 April 1986 through 31 March 1987. (Project 761809 - Continuation)

\$76,000.00 - National Science Foundation, Washington, DC, Chemistry of Metal-Carbon and Metal-Metal Bonds, Department of Chemistry (A. Wojcicki), 1 June 1986 through 31 May 1987. (Project 764673 - Continuation)

\$75,473.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Physiological Analysis of Optic Nerve Disease, College of Optometry (P. E. King-Smith), 1 April 1986 through 31 March 1987. (Project 763996 - Continuation)

\$74,042.00 - Department of Education, Office of Special Education, Washington, DC, In Support of a Model Graduate Teacher Preparation Program for Preservice Teachers of the Hearing Handicapped Based on Teaching Effectiveness, Department of Human Services Education (P. Connard), 1 June 1986 through 31 May 1987. (Project 764899 - Continuation)

\$63,509.00 - National Science Foundation, Washington, DC, Glaciology in Central Greenland, Institute of Polar Studies (D. H. Elliot and J. Bolzan), 15 May 1986 through 30 April 1987. (Project 765363 - New)

June 10 and 11, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$59,380.00 - National Science Foundation, Washington, DC, Cenozoic Micropaleontology and Biostratigraphy of the Victoria Land Basin, Institute of Polar Studies and Department of Geology and Mineralogy (P. N. Webb), 1 May 1986 through 30 April 1987. (Project 765359 - Continuation)

\$58,500.00 - National Science Foundation, Washington, DC, Free Radical Cyclizations in Carbocycle Synthesis, Department of Chemistry (D. J. Hart), 1 September 1986 through 31 August 1987. (Project 764775 - Continuation)

\$57,600.00 - National Science Foundation, Washington, DC, Rydberg States of Atoms and Molecules, Department of Physics (R. D. Knight), 1 July 1986 through 30 June 1987. (Project 764851 - Continuation)

\$56,583.00 - National Science Foundation, Washington, DC, Sedimentology of the Permian-Triassic Gondwana Sequence in the Central Transantarctica Mountains, Institute of Polar Studies (J. W. Collinson) and Department of Geology and Mineralogy (L. Krissek), 1 May 1986 through 30 April 1987. (Project 764678 - Continuation)

\$55,452.43 - Department of Agriculture, Cooperative State Research Service, Washington, DC, Pathogenic Mechanisms and Immune Response in Potomac Horse Fever, Department of Veterinary Pathobiology (Y. Rikihisa), 1 April 1986 through 30 September 1986. (Project 765318 - New)

\$52,140.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Biomedical Research Support Grant, College of Veterinary Medicine - Administration (R. A. Wright), Department of Veterinary Clinical Sciences (C. G. Couto) and Department of Veterinary Pathobiology (C. L. Brooks), 1 April 1986 through 31 March 1987. (Project 762776 - Continuation)

\$48,000.00 - National Science Foundation, Washington, DC, Anodic Oxidation Studies and Their Applications to Organic Synthesis, Department of Chemistry (J. S. Swenton), 1 July 1986 through 30 June 1987. (Project 764272 - Continuation)

\$47,000.00 - National Science Foundation, Washington, DC, Relativistic Optical Model at Intermediate Energies, Department of Physics (B. C. Clark), 1 July 1986 through 30 June 1987. (Project 765350 - New)

\$46,110.00 - Department of the Navy, David Taylor Naval Ship Research and Development Center, Bethesda, MD, Vortex Motion Past a Cavity with Elastic Obstructions, Department of Mechanical Engineering (A. T. Conlisk), 7 April 1986 through 6 April 1987. (Project 765323 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$44,999.00 - National Science Foundation, Washington, DC, Origin of Basalt Flows and Sources of Glacial Deposits in the Transantarctic Mountains, Institutes of Polar Studies and Department of Geology and Mineralogy (G. Faure), 1 July 1986 through 30 June 1987. (Project 764807 - Continuation)

\$40,500.00 - Department of Energy, Argonne, IL, Chemoradiotherapy of Cancer: Boronated Antibodies and Boron-Containing Derivatives of Chlorpromazine and Porphyrins for Neutron Capture Therapy, College of Pharmacy (A. H. Soloway) and Department of Pathology (R. F. Barth), 1 April 1986 through 31 March 1987. (Project 763051 - Continuation)

\$39,999.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, VA, An Experimental Study of the Effect of Pitch Rate on Delta Wing Aerodynamics and Stability, Department of Aeronautical and Astronautical Engineering (M. B. Bragg), 1 April 1986 through 31 March 1987. (Project 765327 - New)

\$38,799.00 - National Science Foundation, Washington, DC, Petrology of Ferrar and Uppermost Beacon Rocks, Beardmore Glacier Region Antarctica, Institute of Polar Studies (D. H. Elliot), 1 May 1986 through 30 April 1987. (Project 764703 - Continuation)

\$38,550.00 - National Science Foundation, Washington, DC, L Functions and the Oscillator Representation, Department of Mathematics (S. Rallis), 1 July 1986 through 30 June 1987. (Project 764289 - Continuation)

\$36,360.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Biomedical Research Support Grant, College of Pharmacy (A. H. Soloway), 1 April 1986 through 31 March 1987. (Project 760661 - Continuation)

\$33,000.00 - National Science Foundation, Washington, DC, Arithmetics of Low Dimensional Integral Quadratic Forms, Department of Mathematics (J. S. Hsia), 1 July 1986 through 30 June 1987. (Project 764856 - Continuation)

\$29,941.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, MD, Terrestrial Gravity Data Analysis for Interim Gravity Model Improvement, Department of Geodetic Science and Surveying (R. H. Rapp), 30 June 1986 through 29 June 1987. (Project 765353 - New)

\$27,479.00 - Department of Agriculture, Animal and Plant Health Inspection Service, Hyattsville, MD, Evaluation of Economic and Epidemiologic Data from the National Animal

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

Disease Detection System (NADDS), Department of Veterinary Preventive Medicine (G. Y. Miller and C. R. Dorn), 14 March 1986 through 30 September 1986. (Project 765325 - New)

\$24,996.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Analysis of Purkinje Cell Axonal Collaterals, Department of Anatomy (J. S. King, G. A. Bishop and D. L. O'Donoghue), 1 June 1986 through 31 May 1987. (Project 764731 - Continuation)

\$20,000.00 - Department of the Navy, Office of Naval Research, Arlington, VA, Exploratory Research on the Protection of Carbon-Carbon Composites against Oxidation at Very High Temperatures ($\geq 3000^{\circ}\text{F}$) with Engel-Brewer and Other Intermetallic Compounds, 1 November 1985 through 31 October 1986. (Project 765280 - Continuation)

\$18,025.00 - National Science Foundation, Washington, DC, Applications of Algebraic Geometry to Quasi-Periodic Soliton Theory, Department of Mathematics (N. M. Ercolani and M. G. Forest), 1 November 1985 through 31 October 1986. (Project 764465 - Continuation)

\$15,034.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Biomedical Research Support Grant, College of Nursing - Administration (K. S. Stone), 1 April 1986 through 31 March 1987. (Project 764658 - Continuation)

\$13,044.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Short-Term Training: Students in Health Professional Schools, College of Dentistry - Oral Biology (S. Rosen), 1 June 1986 through 31 May 1987. (Project 764680 - Continuation)

\$11,715.00 - National Science Foundation, Washington, DC, Raman and Spatially Resolved Spectroelectrochemistry, Department of Chemistry (R. L. McCreery), 1 July 1986 through 30 June 1987. (Project 764803 - Continuation)

\$10,000.00 - National Science Foundation, Washington, DC, Characterization of Cognitive Strategies Used in Mechanical Design, Department of Engineering Graphics (M. B. Waldron) and Department of Mechanical Engineering (K. J. Waldron), 1 September 1985 through 31 August 1986. (Project 765022 - Continuation)

\$9,999.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, MD, Evaluation of the

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

Effectiveness of Some On-Campus Components of the Old Woman Creek, National Estuarine Sanctuary, Educational Program, School of Natural Resources (R. W. Fortner and G. W. Mullins) and Department of Educational Theory and Practice (V. J. Mayer), 1 March 1986 through 30 September 1987. (Project 765265 - New)

\$9,923.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Biomedical Research Support Grant, College of Optometry (F. W. Hebbard), 1 April 1986 through 31 March 1987. (Project 765317 - New)

\$8,265.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, OH, Evaluation of Hybrid III Double Rib Design, Department of Mechanical Engineering (J. A. Collins), 1 May 1985 through 30 June 1986. (Project 764736 - Continuation)

\$252.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Biomedical Computing and Information Processing, College of Medicine - Administration (G. L. Trzebiatowski) and Department of Computer and Information Science (A. E. Petrarca), 1 July 1984 through 30 June 1986. (Project 761133 - Continuation)

Computer Time - National Science Foundation, Washington, DC, Numerical Studies in Lattice Gauge Theory, Department of Physics (J. Shigemitsu), 15 June 1986 through 15 June 1987. (Project 765311 - New) (Approximate Dollar Value - \$75,000)

TOTAL - FEDERAL AWARDS \$5,765,443.43

State of Ohio Research Contracts/Grants

\$49,075.00 - State of Ohio, Department of Development, Columbus, OH, Characterization of Tissue Specific Drug Delivery Liposomes, Electron Micro Laboratory - OARDC (R. E. Whitmoyer), 1 April 1986 through 31 March 1987. (Project 765221 - New)

\$21,956.00 - State of Ohio, Department of Mental Health, Columbus, OH, The Psychological Impact of a Nuclear War Curriculum on Adolescents, Marion Campus and Department of Psychology (D. J. Christie), 24 March 1986 through 31 January 1987. (Project 765352 - New)

\$21,538.00 - State of Ohio, Department of Mental Health, Columbus, OH, The Impact of a Medication Administration Policy on a State Mental Health System, School of Public

June 10 and 11, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

Administration (C. R. Huff), 12 March 1986 through 31 December 1986. (Project 765314 - Continuation)

\$9,489.00 - Ohio Children's Trust Fund Board, Governor's Office of Criminal Justice Services, Columbus, OH, Teen Parenting Project, Cooperative Extension Field Operations (B. J. Wurzel), 1 April 1986 through 31 March 1987. (Project 765319 - New)

\$781.00 - State of Ohio, Department of Natural Resources, Columbus, OH, Field Studies of Chlorotettix Species (Homoptera: Cicadellidae) in an Ohio Fen and Bog, Department of Entomology (C. A. Triplehorn), 27 March 1986 through 1 June 1987. (Project 765320 - New)

TOTAL - STATE OF OHIO AWARDS \$ 102,839.00

Industrial Research Contracts/Grants

\$70,000.00 - Searle (GD) & Company, Skokie, IL, Double-Blind, Placebo-Controlled Study of the Efficacy and Safety of Misoprostol (Cytotec) in Preventing the Recurrence of Acute Upper G.I. Bleeding, College of Medicine - Administration and Department of Medicine (H. S. Mekhjian), 1 April 1986 through 1 September 1986. (Project 765312 - New)

\$56,224.00 - Bristol-Myers Company, Wallingford, CT, Multicenter, Double-Blind Comparison of Gepirone with Placebo in Anxiety Disorder, Department of Psychiatry (B. A. Jones and S. C. Olson), 1 April 1986 through 31 March 1987. (Project 765351 - New)

\$33,153.00 - Burroughs Wellcome, Research Triangle Park, NC, Single Dose Bioequivalence Study of Peppermint Flavored and Unflavored Immediate Release Film-Coated Actifed Tablets versus the Currently Marketed Uncoated Actifed Tablet in Healthy Male Volunteers, Department of Pharmacology (N. Gerber), 1 April 1986 through 31 March 1987. (Project 764001 - Continuation)

\$28,755.00 - The Squibb Institute of Medical Research, Cincinnati, OH, Nystatin Pastille in Oral Candidosis, II Denture Stomatitis, College of Dentistry - Restorative Dentistry (R. O. Dagefoerde and M. H. Reisbick), 1 April 1986 through 31 March 1987. (Project 765316 - New)

\$15,401.00 - Robo-Tech Systems, Worthington, OH, Computer Control of a Two Degree-of-Freedom Finger, Department of Electrical Engineering (D. E. Orin), 15 April 1986 through 14 April 1987. (Project 765339 - New)

June 10 and 11, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$15,043.00 - Edison Welding Institute, Columbus, OH, Center for Welding Education, Department of Educational Policy and Leadership (J. E. Sage), 1 April 1986 through 30 June 1986. (Project 764812 - Continuation)

\$12,040.00 - Honda of America Manufacturing, Inc., Marysville, OH, Strength Training and Conditioning Internship, School of Health, Physical Education and Recreation (C. L. Mand), 1 July 1986 through 30 June 1987. (Project 765321 - New)

\$12,002.00 - Edison Welding Institute, Columbus, OH, Administration of the Center for Welding Education, Department of Educational Policy and Leadership (J. E. Sage), 1 April 1986 through 30 June 1986. (Project 764853 - Continuation)

\$10,275.10 - Boehringer Ingelheim, Ridgefield, CT, Analysis of Dipyridamole in Plasma, Department of Veterinary Clinical Sciences (R. A. Sams), 1 October 1984 through 31 December 1986. (Project 762928 - Continuation)

\$10,150.00 - Triton Biosciences, Inc., Alameda, CA, Open-Label Phase II Study to Evaluate the Safety and Efficacy of High Dose IFN- β ser in Patients with Renal Cell Carcinoma, Department of Medicine (J. J. Rinehart), 31 March 1986 through 30 September 1987. (Project 765338 - New)

\$10,000.00 - Hoffmann-LaRoche Inc., Nutley, NJ, Ro 17-2301 in the Parenteral Therapy of Bacterial Infections, Department of Medicine (J. L. Plouffe), 1 January 1986 through 30 June 1986. (Project 763852 - Continuation)

\$8,750.00 - Bausch and Lomb, Rochester, NY, Ocular Response to Hard Gas Permeable Contact Lenses Worn Overnight for Extended Periods of Time, College of Optometry (J. T. Barr and G. J. Andrasko), 1 May 1986 through 30 April 1987. (Project 765344 - New)

\$1,000.00 - The Horticultural Research Institute, Inc., Washington, DC, Interaction of Nursery Source and Planting Site on the Establishment of Deciduous Trees, Department of Horticulture - OARDC and Department of Horticulture (D. K. Struve), 1 January 1986 through 31 May 1987. (Project 765292 - New)

TOTAL - INDUSTRIAL AWARDS \$ 282,793.10

Other Non-Federal Research Contracts/Grants

\$172,142.00 - Franklin County Mental Retardation and

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

Developmental Disabilities Board, Columbus, OH, Early Childhood Classes, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 October 1986 through 30 September 1987. (Project 765358 - Continuation)

\$99,840.00 - Solar Energy Research Institute, Golden, CO, An Experimental Investigation of the Unsteady Aerodynamic Characteristics of Wind Turbine Airfoils, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek), 1 April 1986 through 31 March 1987. (Project 765348 - New)

\$97,931.00 - American Institute for Cancer Research, Falls Church, VA, Dietary Glucarate-Mediated Inhibition of Mammary Carcinogenesis, Department of Physiological Chemistry (Z. A. Walaszek), 1 July 1986 through 30 June 1988. (Project 765345 - New)

\$77,076.00 - Muscular Dystrophy Association, New York, NY, Clinical Investigation of Duchenne Dystrophy, Department of Neurology (J. R. Mendell), 1 March 1986 through 28 February 1987. (Project 761360 - Continuation)

\$30,000.00 - California Institute of Technology, Pasadena, CA, Comparative Design Study of Locomotion Systems for a Mars Rover, Department of Mechanical Engineering (K. J. Waldron), 16 April 1986 through 15 April 1987. (Project 765330 - New)

\$28,350.00 - Upper Arlington City Schools, Columbus, OH, Upper Arlington Career Education Intern Project, Department of Educational Theory and Practice (J. J. Quaranta), 1 September 1985 through 7 June 1986. (Project 765313 - Continuation)

\$18,000.00 - Upper Arlington City Schools, Columbus, OH, Upper Arlington-Ohio State Middle School Project, School of Health, Physical Education and Recreation (A. Taggart), 3 September 1985 through 11 June 1986. (Project 765333 - Continuation)

\$17,482.00 - American Lung Association, New York, NY, Antioxidant Properties of Lower Respiratory Tract Ceruloplasmin, Department of Medicine (E. R. Pacht), 1 July 1986 through 30 June 1987. (Project 765357 - New)

\$17,000.00 - Columbus Technical Institute, Columbus, OH, Articulation Assistance for Columbus Technical Institute, The National Center for Research in Vocational Education (R. E. Taylor), 15 April 1986 through 30 June 1987. (Project 765341 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$15,000.00 - The George Gund Foundation, Cleveland, OH, The Great Lake Erie: A Reference Text for Educators and Communicators, School of Natural Resources (R. W. Fortner) and Department of Educational Theory and Practice (V. J. Mayer), 15 July 1986 through 14 July 1987. (Project 765334 - New)

\$11,064.00 - Miami University, Oxford, OH, Relationship between Insect Diapause and Cold Hardiness, Department of Entomology (D. L. Denlinger), 1 March 1986 through 31 August 1988. (Project 765336 - New)

\$10,000.00 - Research Corporation, Tuscon, AZ, Azimuthal Angle Determination by Echolocating Bats: Test of Two Hypotheses, Department of Zoology (W. M. Masters), 1 April 1986 through 31 March 1987. (Project 765328 - New)

\$10,000.00 - Research Corporation, Syracuse, NY, Studies of Xanthine Oxidase and Sulfite Oxidase, Department of Physiological Chemistry (C. R. Hille), 1 April 1986 through 31 March 1987. (Project 765329 - New)

\$6,800.00 - American Heart Association, Central Ohio Heart Chapter Inc., Columbus, OH, Smokeless Tobacco (S.T.) Health Education and Influences of S.T. on Blood Pressure in Adolescents and College Students, College of Dentistry - Oral Biology (K. Schroeder) and School of Health, Physical Education and Recreation (M. S. C. Chen), 1 July 1986 through 30 June 1987. (Project 765349 - New)

\$6,500.00 - University of Pittsburgh, Pittsburgh, PA, The Treatment of Primary Breast Cancer, Department of Surgery (W. B. Farrar), 1 February 1986 through 31 January 1987. (Project 763659 - Continuation)

\$5,645.00 - Memphis City Schools, Memphis, TN, Technical Assistance on Long-Range Plan for Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 April 1986 through 30 September 1986. (Project 765346 - New)

\$4,800.00 - Canadian Embassy, Public Affairs Division, Washington, DC, Course Development: Natural Resources Management in Canada, School of Natural Resources (M. L. Bowman-Cowen), Department of Natural Resources - OARDC and Department of Natural Resources (D. L. Johnson and G. W. Mullins), 1 April 1986 through 31 March 1987. (Project 765267 - New)

\$4,650.00 - North Atlantic Treaty Organization, Brussels, Belgium, Inosine Biosynthesis in tRNA: Role in Regulating

June 10 and 11, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

Gene Expression, Department of Physiological Chemistry and Cancer Research Center (R. W. Trewyn), 1 April 1986 through 31 March 1988. (Project 765315 - New)

\$4,000.00 - Greater Columbus Arts Council, Columbus, OH, Mime/Clown Festival, Department of Theatre (E. R. Gilbert), 1 July 1985 through 30 September 1985. (Project 765331 - New)

\$3,075.00 - Family Health Foundation of America, Kansas City, MO, Double-Blinded Prospective Clinical Trail of Sucralfate versus Placebo for the Treatment of Aphthous Ulcers, Department of Family Medicine (R. E. Ricer), 1 May 1986 through 30 April 1987. (Project 765337 - New)

\$3,000.00 - Business and Professional Women's Foundation, Washington, DC, Job Displacement of Women Steelworkers, Center for Women's Studies (M. M. Fonow), 1 April 1986 through 31 March 1987. (Project 765356 - New)

\$2,731.00 - Iowa State University, Ames, IA, Ultrasonic Evaluation of Porosity in Aluminum Cast Material, Department of Welding Engineering (L. Adler), 1 October 1985 through 30 September 1986. (Project 765031 - Continuation)

\$1,500.00 - International Center for Industry, Labor and Rehabilitation, Dublin, OH, Pilot Study to Investigate Work Disability, Disability Management, and the Older Worker, Department of Preventive Medicine (M. L. Moeschberger), 1 January 1986 through 31 July 1986. (Project 765355 - New)

\$300.00 - Sigma Xi, New Haven, CT, Sepsis-Related ARDS: In vitro Study of Macrophage-Fibroblast Interaction Leading to Fibrosis, Department of Anatomy (K. H. Jones), 1 June 1986 through 31 May 1987. (Project 765361 - New)

TOTAL - OTHER NON-FEDERAL AWARDS \$ 646,886.00

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$56,486.00 - The Whitaker Foundation, Camp Hill, PA, "Prototype Graphic Communication Device for Deaf Persons," Department of Engineering Graphics, 1 April 1986 through 31 March 1987. (312870)

\$48,970.00 - additional funds from EPRI, Palo Alto, CA, "Characterization of Ceramic Materials for Electric Power Plant Operations," Department of Ceramic Engineering, 1 November 1983 through 1 July 1986. (312792, Ext. 2)

June 10 and 11, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION (contd)

Industrial and Other Sponsored Research and Development
(contd)

\$44,838.00 - IBM Corporation, Yorktown Heights, NY, "A Micro/370 Based Fault-Tolerant Multiprocessor Architecture," Department of Electrical Engineering, 15 March 1986 through 14 March 1987. (529703)

\$32,803.00 - ASHRAE, Atlanta, GA, "Revision and Update of the ASHRAE Brochure on Psychrometry," Department of Mechanical Engineering, 1 April 1986 through 31 March 1987. (312872)

\$27,989.00 - from 27 sponsors of 41 development projects under the direction of four engineering departments or research areas.

\$25,176.00 - Aircraft Owners and Pilots Association, Frederick, MD, "Test of AOPA Air Safety Foundation Pilot Decision Making Training Models," Department of Aviation, 1 February 1986 through 31 July 1986. (312871)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 236,262.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

The Gerald E. Ermlich Memorial Scholarship Fund

The Gerald E. Ermlich Memorial Scholarship Fund was established June 11, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Physicians Insurance Company of Ohio, Pickerington, Ohio, in memory of Gerald E. Ermlich, CLU, ChFC.

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

The annual income shall be used to provide scholarship support to a junior or senior student majoring in insurance with a grade point average of 2.75 or better. The selection of the recipient(s) will be made upon the recommendation of the Griffith Foundation for Insurance Education governing board in cooperation with the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of

June 10 and 11, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Gerald E. Ermlich Memorial Scholarship Fund (contd)

Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for business education.

The James H. Tilberry Law Library Fund

The James H. Tilberry Law Library Fund was established June 11, 1986, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from James H. Tilberry, J.D. '51, of Cleveland, Ohio.

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

The annual income shall be used to support the activities of the Law Library in the College of Law.

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

**The Webster B. Kay Scholarship Fund
in Chemical Engineering**

The Webster B. Kay Scholarship Fund in Chemical Engineering was established June 11, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni and friends in honor of Professor Emeritus Webster B. Kay, B.Ch.E. '22.

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

Ten percent (10%) of the annual income shall be reinvested into the principal to insure future growth. The remaining ninety percent (90%) shall be used to provide annual scholarships to promising Chemical Engineering undergraduate

June 10 and 11, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Webster B. Kay Scholarship Fund
in Chemical Engineering (contd)

and graduate students. Undergraduate students will be limited to those who have completed their freshman year. Selection will be made by the Chairperson of the Department of Chemical Engineering with assistance from the Dean of the College of Engineering and the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for chemical engineering education.

The Albert Shapero Memorial Fund

The Albert Shapero Memorial Fund was established June 11, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from family and friends in memory of Albert Shapero.

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

The annual income shall be used to provide an interest free loan to a student enrolled in the College of Business who has demonstrated a financial need and an interest in small business. The recipient should be made aware that this is to be repaid within a reasonable time (five - ten years) after leaving the University. All loan repayments shall be added to the principal for replacement and growth of the endowment for future student grants. The grant is to be administered by the University Committee on Student Financial Aid in consultation with the Dean of the College of Business.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees.

June 10 and 11, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

**Ralph and Ruth Haignere Rose
Student Nurse Scholarship Fund**

The Ralph and Ruth Haignere Rose Student Nurse Scholarship Fund was established June 11, 1986, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Ralph (B.Cer.E. '42) and Ruth (B.S.Ed. '40; Certificate, Nursing '40) Rose.

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

The annual income is to be used for tuition and incidental fees for the College of Nursing by qualified undergraduate Black students who are citizens of the United States and who have financial need. They must agree to sponsor another student nurse in their lifetime. Such is not the responsibility of The Ohio State University but, it is incumbent upon the award recipient. The selection of the recipients is to be made by the chairperson of the Affirmative Action Committee for the College of Nursing at The Ohio State University in conjunction with the regular selection committee for nurses and in cooperation with or with the approval of the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever in the College of Nursing as directed by the Board of Trustees, with preference being given to recommendations from the Dean of the College.

**The Harry L. Thoman, Jr.
Scholarship Fund**

The Harry L. Thoman, Jr. Scholarship Fund was established June 11, 1986, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Harry Thoman, Jr., B.S.Bus.Adm. '52, and Sue Dell Thoman.

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

The annual income shall be used to provide a scholarship(s) for a student with junior year status, good academic

June 10 and 11, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Harry L. Thoman, Jr.
Scholarship Fund (contd)

standing, a major interest in real estate and enrolled in the College of Business. Selection shall be made by the Dean of the College of Business in cooperation with the Real Estate Faculty and the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for real estate education or related studies.

Change of Name and Description of Named Fund

The Harold E. and Florence R. Kaeser Scholarship Fund

The Harold E. Kaeser Endowed Scholarship Fund was established May 5, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from former judging team members and alumni, friends and colleagues of Harold E. Kaeser who retired in 1980 after 39 years as a Professor of Dairy Science and Coach of Dairy Science Judging Teams. The name and description were changed to The Harold E. and Florence R. Kaeser Scholarship Fund, June 11, 1986.

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

The annual income shall be used to provide one or more scholarships to students enrolled in the College of Agriculture at The Ohio State University majoring in Dairy Science with intent to pursue a career in the dairy industry. Students selected should have above average academic ability, demonstrated leadership and a demonstrated or expressed interest in exhibiting and evaluating dairy cattle. Selection of recipients shall be made by the College of Agriculture in cooperation with the University Committee on Student Financial Aid.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of

June 10 and 11, 1986 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change of Name and Description of Named Fund (contd)

The Harold E. and Florence R. Kaeser Scholarship Fund (contd)

Trustees, with preference being given to recommendations from the Chairperson of the Dairy Science Department and the Dean of the College of Agriculture.

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**EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
RESEARCH AND GRADUATE STUDIES OFFICE IMPROVEMENTS
(RESEARCH CENTER BUILDING, 1314 KINNEN ROAD)**

Resolution No. 86-142

Synopsis: Authorization to employ an architectural/engineering firm and request construction bids is proposed.

WHEREAS this project provides for remodeled space in the Research Center Building to include improved staff office space for the Office of Sponsored Programs Administration and the Office of Sponsored Development and associated activities; and

WHEREAS this will include some reconfiguration of existing space, creation of a new entry for the building, redecoration of some spaces, together with associated mechanical and electrical work; and

WHEREAS \$1,800,000.00 will be made available from the Research Foundation for this project, of which approximately \$1,404,000.00 is estimated for renovation:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to select a qualified architectural/engineering firm for this project in conjunction with the Department of Administrative Services, and that the fees for this architectural/engineering service be negotiated between the firm selected and the Department of Administrative Services, Division of Public Works; and

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts with all actions to be reported to this Board at the appropriate time.

June 10 and 11, 1986 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
RESEARCH AND GRADUATE STUDIES OFFICE IMPROVEMENTS
(RESEARCH CENTER BUILDING, 1314 KINNEAR ROAD) (contd)**

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

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**REQUEST FOR CONSTRUCTION BIDS AND
ESTIMATE OF COST - FUNDING
MULTI-SPORT COMPLEX**

Resolution No. 86-143

Synopsis: Authorization to request construction bids is proposed.

WHEREAS the plans and specifications for this project have been completed and reviewed by the appropriate administrative officials, it is the recommendation of the President that the Board of Trustees authorize the request for construction bids.

Project:

On March 1, 1985, the Board of Trustees authorized employment of an architectural/engineering firm to design plans and specifications for the expansion of the Biggs Athletic Training Facility to approximately double its present size, and provide an all weather multi-sport practice facility. Patrick & Associates, architects and Moody/Nolan, engineers were employed.

The University desires to proceed with the construction of this project which includes improved and expanded locker rooms, shower rooms, coaches' rooms, training room, doctors' examining rooms, a large meeting room, several variable size meeting rooms, an equipment issue room adjacent to the locker rooms, a new improved weight room, and an all weather indoor multi-sport practice facility which will contain a full size football field with synthetic turf.

June 10 and 11, 1986 meeting, Board of Trustees

REQUEST FOR CONSTRUCTION BIDS AND
ESTIMATE OF COST - FUNDING
MULTI-SPORT COMPLEX (contd)

Funding: University Athletic Department
Funds

Estimated Construction Cost: \$ 8,750,000.00

Estimated Project Cost: \$10,600,000.00

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts with all actions to be reported to this Board at the appropriate time.

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

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REQUEST FOR CONSTRUCTION BIDS AND
ESTIMATE OF COST - FUNDING
BIOLOGICAL SCIENCES BUILDING - ROOF REPLACEMENT
Resolution No. 86-144

Synopsis: Authorization to request construction bids is proposed.

WHEREAS the plans and specifications for this project have been completed and reviewed by the appropriate administrative officials, it is the recommendation of the President that the Board of Trustees authorize the request for construction bids.

Project: Replacement of old, deteriorated roof with a new roof system.

Funding: University Funds

Estimated Construction Cost: \$123,000.00

Estimated Project Cost: \$169,000.00

NOW THEREFORE

June 10 and 11, 1986 meeting, Board of Trustees

**REQUEST FOR CONSTRUCTION BIDS AND
ESTIMATE OF COST - FUNDING
BIOLOGICAL SCIENCES BUILDING - ROOF REPLACEMENT (contd)**

BE IT RESOLVED, That the plans and specifications, bills of materials and estimates of cost be approved, that the President and/or Vice President for Business and Administration be authorized to request construction bids on this project for The Ohio State University in accordance with established University procedures, and if satisfactory bids are received to award construction contracts with all actions to be reported to this Board at the appropriate time.

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

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**REQUEST FOR CONSTRUCTION FUNDS AND
ESTIMATE OF COST - FUNDING
HUGHES HALL - ELEVATOR REPLACEMENT**

Resolution No. 86-145

Synopsis: Authorization to request construction bids is proposed.

WHEREAS the plans and specifications for this project have been completed and reviewed by the appropriate administrative officials, it is the recommendation of the President that the Board of Trustees authorize the request for construction bids.

Project:	Removal of existing, obsolete elevator and replacing it with a modern elevator meeting Code requirements for the physically impaired.
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Funding:	University Funds
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Estimated Construction Cost:	\$137,500.00
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Estimated Project Cost:	\$145,000.00
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NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts with all actions to be reported to this Board at the appropriate time.

June 10 and 11, 1986 meeting, Board of Trustees

**REQUEST FOR CONSTRUCTION FUNDS AND
ESTIMATE OF COST - FUNDING
HUGHES HALL - ELEVATOR REPLACEMENT (contd)**

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

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**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 86-146

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Administration to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

ROOF REPLACEMENTS 1986

Description: This project provides for the replacement of deteriorated roofs with a complete, water-tight roof system on the following buildings: Single ply roofs for Bevis Hall, Pressey Hall, Rightmire Hall, Caldwell Laboratory, and Scott Hall; Built-up roofs for Hitchcock Hall, MacQuigg Laboratory, Sullivant Hall and ElectroScience Laboratory. Construction is scheduled to begin June 1986 and is expected to be completed within 180 days.

General Contract (Single ply roofs)

Date Received:	April 1, 1986
No. of Bids:	5
Low Bid:	\$655,201.00*
High Bid:	\$718,210.00*
Estimate of Cost:	\$674,100.00*
Awarded to:	Harold J. Becker Co., Dayton, OH

*Recommended alternate reflected in these figures.

June 10 and 11, 1986 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

ROOF REPLACEMENTS 1986 (contd)

General Contract (Built-up roofs)

Date Received:	April 1, 1986
No. of Bids:	5
Low Bid:	\$ 332,444.00
High Bid:	\$ 403,241.00
Estimate of Cost:	\$ 309,500.00
Awarded to:	C. R. Huffer Roofing, Columbus, OH
Total All Contracts:	\$ 987,645.00*
Total Contingency Allowance:	\$ 54,363.88 (which is 6% of construction costs)
Total Project Cost:	\$1,057,750.00*
Funding:	H.B. 798 (U & R) and University Funds

BOTANY AND ZOOLOGY REMODELING

Description: This project provides for up to seven specialized or multi-use biological sciences laboratories to accommodate zoology teaching. Construction is scheduled to begin July 1986 and is expected to be completed by December 1986.

General Contract

Date Received:	April 23, 1986
No. of Bids:	6
Low Bid:	\$ 120,300.00*
High Bid:	\$ 133,080.00*
Estimate of Cost:	\$ 177,349.50*
Awarded to:	Ed Ross Construction, Wester- ville, OH

*Recommended alternates reflected in these figures.

June 10 and 11, 1986 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

BOTANY AND ZOOLOGY REMODELING (contd)

Plumbing Contract

Date Received:	April 23, 1986
No. of Bids:	4
Low Bid:	\$ 76,770.00*+
High Bid:	\$144,529.00*
Estimate of Cost:	\$ 69,287.00*
Awarded to:	Marco Plumbing & Heating, Columbus, OH

HVAC Contract

Date Received:	April 23, 1986
No. of Bids:	6
Low Bid:	\$116,600.00*
High Bid:	\$130,781.00*
Estimate of Cost:	\$148,561.00*
Awarded to:	Farber Corp., Columbus, OH

Electric Contract

Date Received:	April 23, 1986
No. of Bids:	1
Low Bid:	\$ 86,165.00*+
Estimate of Cost:	\$ 61,224.30*
Awarded to:	Electric Power Equipment, Columbus, OH

Total All Contracts: \$399,835.00*

*Recommended alternates reflected in these figures.

+Plumbing and Electric Contracts are in excess of filed estimate of cost; however, the total price of all contracts is within 10% of the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code.

June 10 and 11, 1986 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

BOTANY AND ZOOLOGY REMODELING (contd)

Total Contingency Allowance: \$ 21,936.22 (which is 5% of
construction costs)

Total Laboratory Equipment: \$108,988.00

Total Project Cost: \$600,000.00*

Funding: HB 798; SB 381 (Planning)

ELECTRICAL DISTRIBUTION IMPROVEMENTS - SUBSTATION D

Description: This project provides for the replacement of obsolete equipment by converting Hopkins Hall, Hayes Hall, Hughes Hall and Page Hall from the 4,160 volt system to a 13,800 volt electrical system. This will be accomplished by installing new underground duct and manhole system; new concrete pads for new primary switchgear and transformers; and new secondary voltage conduit system, cable and switchgear. Work is scheduled to begin in June 1986 and be completed within eighteen months.

Electric Contract

Date Received: April 1, 1986

No. of Bids: 2

Low Bid: \$333,000.00*

High Bid: \$386,665.00*

Estimate of Cost: \$472,000.00*

Awarded to: Jess Howard Electric, Blacklick, OH

Total All Contracts: \$333,000.00*

Total Contingency Allowance: \$ 31,517.50 (which is 9% of
construction costs)

Total Project Cost: \$374,255.00*

Funding: HB 798 (U & R); SB 381

*Recommended alternates reflected in these figures.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the

June 10 and 11, 1986 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

establishment of project funds and contingency funds for the projects listed above are hereby approved.

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

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President Jennings:

Thank you, Mr. Chairman. I would like to call on Mr. Ihrig to present the details of the budget to you for your approval.

Mr. Ihrig:

Thank you, Mr. President. Today, we are presenting for your consideration a balanced budget for Fiscal Year 1986-87, which is summarized on page 1 of the red covered book titled Current Funds Budget. This budget includes revenues of \$885,140,000 to support planned commitments of \$885,040,000. As shown on page 4, this represents an increase of 5.9 percent in total revenues over 1985-86. The recommended budget for 1986-87 incorporates the budget planning guidelines approved by this Board at your May meeting.

In addition to grouping Ohio State's budgets by campus, pages 7 and 8 show the sources and uses of funds by the basic fund categories we use to account for current revenues and expenditures: General Funds, Earnings Operations and Restricted Funds. The restricted funds budgeted at \$207.7 million or 23 percent of the total, are monies received for specific purposes specified by an external entity such as in the case of Federal or private sponsored research. These funds are accounted for so that they are only spent for the purposes agreed upon with the external organization or person providing the funds.

Earnings operations, budgeted at \$282.6 million or 32 percent of the total, are all those units who charge separately for their services, which include everything from University Hospitals and student dormitories to copying services and sales of publication. These operations earn the revenues they spend as well as pay University overhead and facilities costs. They also receive interest income on their positive balances, and pay interest on any negative balances.

Mr. Ihrig: (contd)

The General Funds, budgeted at \$394.8 million or 45 percent of total, are the unrestricted, non-earnings resources used to fund the basic instructional, administrative, and physical plant activities at Ohio State. As shown on page 9 under the column titled "Unrestricted General," the major two sources of these funds are the State instructional subsidies and student tuition.

It is important to note that while the University's accounting system is based upon these three fund groups, management actions to support the needs of instruction, research and support services are based upon making the best use of all available resources. The deans, vice presidents and department chairs have the flexibility and the responsibility to make maximum use of all available resources to support their priority needs.

The table on page 9 also summarizes the distribution of the University's total current resources for 1986-87, and shows State appropriations as \$295.07 million, which represent 33.34 percent of total revenues, an increase from the 32.8 percent last year; while student tuitions represent 14.05 percent of current revenues versus 14.7 percent last year. If we were to compare State instructional subsidies for the Columbus campus in constant dollars to 1979-80, the year prior to the time of high inflation and cuts in State Appropriations, instructional subsidies in 1979-80 totaled \$198.6 million versus the \$218.9 million budgeted for 1986-87. In other words, 1985-86 and 1986-87 are the only two years that Ohio State's instructional subsidy in constant dollars has exceeded the 1979-80 level.

The General Fund budget at Ohio State is directly impacted by student enrollment expectations, not only the numbers on each campus, but also the mix of students by class rank and program. Enrollments affect not only tuition revenue, but also the amount of State instructional subsidies. Since Ohio State Columbus has a legislated enrollment limit of 40,000 Full Time Equivalent (FTE) students, the mix between class rank and program will have the greatest impact on State instructional subsidy earnings.

Pages 14 and 15 show Ohio State's historical enrollments along with our expectations for this coming Autumn Quarter. The projected headcount enrollment of 53,198 on the Columbus Campus is expected to result in a non-exempt FTE enrollment of 41,340, versus the 40,890 this past Autumn

Mr. Ihrig: (contd)

Quarter. This increase in non-exempt FTE results from a greater percentage of students at the lower division undergraduate level as a result of the unexpectedly high numbers of new freshman applications which caused admissions to be closed early this past November for the Autumn Quarter, 1986. The new selective admissions procedures will provide a much better opportunity for students interested in attending Ohio State than the previous "cut off date lottery."

As in prior years, we are concerned about the total impact on Ohio State's students of all student related charges. The chart on page 20 shows that the increase in the package of University controlled charges to undergraduate and graduate students, including tuition, residence hall room and board, books, supplies, parking, football and basketball tickets are less than 2.0 percent.

Page 21 contains a listing of undergraduate fees since 1970-71. The fifth column of numbers shows undergraduate student tuition in constant dollars, and we can compare the annual cost in 1979-80 of \$1,476 versus this year's \$1,704. Our expectation was that last year's undergraduate tuition increase of 3.84 percent would be less than inflation rates, but inflation surprised us by coming down to 3.5 percent. Therefore, with no tuition increase for 1986-87, this year will result in a real decline in student tuitions for the first time since 1979-80. This improved trend in student tuition reflects the new levels of State support for instructional subsidies along with the University's internal reallocation and cost containment activities.

Comparing Ohio State undergraduate fees with the Big Ten is difficult due to the variety of tuition arrangements, and not all of the Universities have yet decided on their new tuition rates. However, preliminary data indicate that we will drop two places to below Indiana and Purdue, leaving only Wisconsin and Iowa with lower tuitions than Ohio State. Comparing the average annual increases since 1983, Ohio State ranks last in the Big 10 with an average increase of only 3.15 percent.

While the level of State support this biennium has been encouraging, Ohio State has continued to use internal reallocations to support new and expanded program initiatives. In the previous biennium, colleges and offices had their base budgets reduced by 3 percent, and these funds were reallocated to meet the highest priority needs throughout the University as recommended by Deans and Vice

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Mr. Ihrig: (contd)

Presidents. Budget plans for 1986-87 include reallocations of another 2.5 percent for the current biennium, which funds are again being used to support priority needs. Similarly, this budget provides \$5.8 million in one-time cash allocations for equipment, facility renovations and library holdings.

Details of the earnings budgets are provided on pages 27-32, and the table on page 27 shows that the University-wide average change in earnings rates for 1986-87 is only 2.4 percent.

Details on restricted and regional campus budgets are provided on pages 33-36.

We are presenting this balanced 1986-87 current funds budget totaling \$885,140,000 for your consideration and recommend its approval.

I would be happy to respond to any questions regarding this budget. Thank you.

Mr. Redman:

I have a question. On page 27, Mr. Ihrig, on telephone services it shows an increase of 14 percent. Is that due to an increase in rates by the telephone company?

Mr. Ihrig:

Yes. That's primarily because of the telephone company direct pass-through on their rates. Now we are in the process, as you know, of converting over to our own telephone services activity. But this still is reflecting those pass-through rates at this time.

Mr. Redman:

So this does not reflect the new work that you are doing.

Mr. Ihrig:

Not 100 percent yet--it's a partial--

Mr. Redman:

What effect will that have upon its completion?

Mr. Ihrig:

The overall plan was to bring these charges down

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Mr. Ihrig: (contd)

after we get conversion, so the rate of increase will be more at the rate of inflation.

Mr. Redman:

What effect will the overall increase be on telephone costs?

Mr. Ihrig:

As far as the rate of increase, it will be a lower rate of increase.

Mr. Teafor:

As I understand it, for internal accounting purposes, you are going to follow the Bell rates in terms of how you charge within the University.

Mr. Ihrig:

That's in its initial start-up period until we get over the hump, then we will level-off the rates.

President Jennings:

We continue to be impressed about the substantial institutional rate of return that we will generate from this almost \$30 million investment in becoming our own telephone system. There is no question that that is going to be a very substantial rate of return. It will take two or three more years to fully begin to realize that.

Mr. Teafor:

And to quote--telephone system definitely understates what it really is, since it will provide the University with state of the art technology.

President Jennings:

Well, that's important to note, too, that we would probably have to do this anyway for scientific reasons around the campus. The fact that we can earn a rate of return on this is a bonus. It is our mechanism of financing something we would have had to have done anyway.

Mr. Barone:

I agree with the financial figures and they are excellent. But I have a strong objection and I don't understand--I'm referring to page 24--why you call this the Columbus campus. To me that is

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Mr. Barone: (contd)

implying that The Ohio State University is simply a City of Columbus entity. I don't think we are giving Ohio State credit as the flagship University in the entire State of Ohio. You have the Columbus campus--

Mr. Ihrig:

That differentiates it from our branch campuses.

Mr. Barone:

Well, I realize that, but why Columbus campus? Can't you say Ohio State local campus? This is Ohio State campus.

Mr. Ihrig:

No. This table has on it all the campuses of the University. The first campus we looked at is the Columbus campus. If you move down, there is a total for the Columbus campus and then we list the regional campuses and then OARDC at Wooster. Because Columbus is such a large percentage of the budget on all the tables where we summarized everything for the entire University--which this table does--we always list Columbus first then we list the regional campuses and then the agricultural activities at Wooster.

Mr. Barone:

I would have the same objection if you would call it the Mansfield campus or the Newark campus. It is Ohio State campus and we could identify the locality accordingly. I don't think it is a Columbus campus.

President Jennings:

John, I fully agree that we are the University of the entire State of Ohio. The reason for this nomenclature, as you recall, is that when we receive state appropriations we receive a separate appropriation for the Columbus campus, a separate appropriation for each of the regional campuses, and a separate appropriation for OARDC from the General Assembly. We have to continue to maintain these separate designations in conjunction with the General Assembly's appropriations. I think, however, you are making an extraordinarily important point. This is the flagship University of the State of Ohio, it belongs to the entire State of Ohio and we are very proud of that. And as you also know, we keep emphasizing that point.

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President Jennings: (contd)

Throughout everything we are doing, not only in our activities with the General Assembly, but within our fund-raising activities, we are making the point that this institution is not a Columbus institution--it is a State of Ohio institution. It probably doesn't include Toledo--that is part of Michigan.

Mr. Barone:

That is one of my big objections.

President Jennings:

We won the war though, right, and got Toledo.

Mr. Barone:

We want to include Toledo into the Ohio State family.

Mr. Teaforde:

I think, Mr. Ihrig, too, you mentioned the comparison with the other universities in the Big 10, but, indeed, there are only two state universities in Ohio with lower tuitions than Ohio State. And I think that is particularly important to note because, I think, you probably get more for your money here even if all the tuitions were the same. So I think that is quite significant.

President Jennings:

Also, in the Big 10 you get more for your money here. And in terms of quality and what you get, we should be the highest tuition institution in the Big 10.

Mr. Galbreath:

I reviewed that and I was really surprised. Even though we talked about it--you are saying that we are third lowest in tuition in the Big 10?

Mr. Ihrig:

Yes, third from the bottom.

Mr. Galbreath:

Third lowest?

Mr. Ihrig:

Yes, only Wisconsin and Iowa are below us.

June 10 and 11, 1986 meeting, Board of Trustees

Mr. Galbreath:

And within the State, we are--

Mr. Ihrig:

Third lowest, with only Youngstown and Central State being lower.

President Jennings:

I might add--this is from a ranking in the Big 10, of being the third highest. We have been working this down by basically doing roughly half, in terms of tuition, of what the General Assembly has been suggesting in their appropriations.

Mr. Teaforde:

Until this year--we didn't do that for the biennium--

President Jennings:

For the biennium we did--the General Assembly's appropriation included an assumption of a 4 percent increase per year. We did 4 percent last year and nothing this year, so we did do half for the biennium. That is by design, by intention. I think it is very important to note also that fundamentally, the way this has mostly been done is through internal reallocation in the institution. Obviously, there is never enough money in the institution and our folks fuss sometimes, but the outcome is appropriate.

Mr. Teaforde:

In discussion, the Fiscal Affairs Committee was hard-pressed to come up with another university that did not raise tuition this year, public, private or anything else. Any further questions?

1986-87 CURRENT FUNDS BUDGET

Resolution No. 86-147

Synopsis: The budget for Fiscal Year 1986-87 is being submitted for adoption.

WHEREAS the levels of State support have been established for the second year of the 1985-87 biennium; and

WHEREAS appropriate planning and consultation within the University has been accomplished; and

June 10 and 11, 1986 meeting, Board of Trustees

1986-87 CURRENT FUNDS BUDGET (contd)

WHEREAS the President is now prepared to present a balanced 1986-87 budget:

NOW THEREFORE

BE IT RESOLVED, That the University Current Funds Budget for Fiscal Year 1986-87, as described in the accompanying text and tables, be approved, with authorization for the President to make expenditures within the projected income levels; and

BE IT FURTHER RESOLVED, That student tuition and fees remain at the same rates as were approved beginning Autumn Quarter, 1985, and that the Student Fee Schedule effective Autumn Quarter, 1986, be hereby approved; and

BE IT FURTHER RESOLVED, That the Secretary be instructed to incorporate all supporting documents into the minutes of this meeting, including faculty tenure approvals, salary rolls with promotions, fees and charges for the Fiscal Year 1986-87, and to file these materials with the official records of this University.

Mr. Galbreath made the following statement:

The Personnel Committee of this Board met on June 10, 1986, and the following report is submitted to the Board of Trustees.

During the past year, the Board of Trustees has continued the practice of making an ongoing evaluation of the President's performance and it is our belief that conclusions rendered relative to his performance should be publicly recorded. September 1, 1986, will mark the beginning of his sixth year as President of The Ohio State University. During his tenure, President Jennings has brought new vitality and enthusiasm to the institution and has also demonstrated unusual talents and skills in working with the diverse constituencies of the University--leaders of government, both state and federal; members of this Board; alumni of the University; faculty, staff and students.

Several examples will serve to illustrate the essence of the President's efforts and leadership initiatives during the preceding year. Much has already been written and said about the formulation of plans and the development of implementation strategies regarding the first major fund raising drive in the University's history. The credit for the extraordinary success of this drive must be attributed to the leadership vision, creative insight and wisdom of Ed Jennings. His ability to

Mr. Galbreath: (contd)

marshall the support among the many constituent groups and build a university team to coordinate this effort has been simply magnificent. His leadership role in enhancing the academic quality and excellence within the University has had a synergistic effect. The vibrant mood of the campus is heartening, morale is high, the budget is balanced, new academic facilities are coming on line and almost daily some announcement is made about the addition of another distinguished person to the ranks of our faculty/staff and new programmatic changes are in the headlines with much regularity. This evidence strongly attests to Ed Jennings's leadership ability, competency, and commitment to the best traditions of The Ohio State University.

In sum, this Board has again concluded that President Jennings's leadership, service, and dedication on behalf of the University has been outstanding merit. Given his performance and continued excellence in leadership we have determined that he merits a salary increase commensurate with his achievements. And we therefore have voted that President Jennings receive a \$10,500 per year increase in his salary.

The Secretary of the Board is hereby authorized and directed to develop the appropriate document/agreements to implement this compensation change for the President.

May I now have a motion to approve the President's budget report and recommendation as well as the Board Personnel Committee's proposal relative to President Jennings's salary for the coming year.

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

STATEMENT OF BUDGET GUIDELINES/PRINCIPLES FOR 1986-87

I. INTRODUCTION

The uncertainties which resulted in presenting to this Board a provisional budget one year ago, have turned into optimism as a result of the funding initiatives implemented by the State of Ohio for the 1985-87 biennium. First, real progress on accessibility was made by reducing the state-wide average student share of tuition costs from 40 to 36 percent over the biennium. The State has demonstrated a positive effort by this significant move to return the student share toward the traditional 30 percent levels.

June 10 and 11, 1986 meeting, Board of Trustees

**STATEMENT OF BUDGET GUIDELINES/PRINCIPLES
FOR 1986-87 (contd)**

This level of funding, along with Ohio State's continued internal reallocation efforts, enabled President Jennings to fulfill his commitment of last year not to increase student tuition in 1986-87 if State support were adequate. The state responded to enhance accessibility; therefore, the tuition levels of 1985-86 will remain in effect for the biennium, through June 1987.

Second, the State provided significant support for the package of excellence enhancement initiatives for this biennium. In addition to extending funding for the Eminent Scholars Program, the State added funding for four other important excellence initiatives - Research Challenge, Academic Challenge, Program Excellence and Productivity Improvement Challenge grants. Both the Academic Challenge and Research Challenge funds enable this University to extend initiatives begun in the previous biennium with University resources. Three departments were designated as Centers of Excellence in 1984-85 and received special funding from existing resources to further enhance their programs. Thirteen Columbus campus programs are now benefitting from Ohio State's \$4.2 million Academic Challenge grant. In addition, the four regional campuses and the Agricultural Technical Institute have received entitlements totalling \$500,000 to enhance selected outstanding programs on their campuses.

The \$12.6 million Research Challenge grant will be awarded in several areas to further stimulate sponsored research activities throughout the University. These include support for investigators' funds and competitive seed grants aimed at encouraging and assisting faculty in expanding current and creating new research initiatives, centrally shared research facilities, matching equipment funds and major research starts. In addition, enhanced agricultural research and service support has been provided by the State for the Ohio Agricultural Research and Development Center and the Ohio Cooperative Extension Service to initiate the University's Ohio 21 program.

The Program Excellence Awards encourage a statewide competition among the best undergraduate programs for one-time enrichment funds. Ohio State has three programs in the finals of the competition for this biennium. In addition, the Productivity Improvement Challenge provides incentives to two-year institutions to develop innovative approaches for increasing participation in postsecondary education, job training and retraining. For the regional campuses and Agricultural Technical Institute, Ohio State received a total of \$378,966 in Productivity Improvement funds for this biennium.

These new areas of State resources along with the University's emphasis on internal reallocations continue to

STATEMENT OF BUDGET GUIDELINES/PRINCIPLES
FOR 1986-87 (contd)

provide funding for new and enhanced activities in support of excellence and to address emerging needs throughout the University.

II. SOURCES OF FUNDS

The Current Funds Budget proposed for 1986-87 includes funding sources which total \$885,140,000 as detailed in the Sources of Income Schedule. This amount includes State support totalling \$295,070,000 which represents 33.3 percent of the total resources budgeted. Other major funding sources include student tuition, providing 14.0 percent; earnings operations, generating 30.7 percent; Federal grants and contracts, 10.8 percent; and private gifts and grants plus endowment income, totalling 5.9 percent.

With this level of State support, a significant enhancement in student access is being achieved at The Ohio State University by holding tuition at 1985-86 levels. The current tuition rates, recommended to be continued, are shown in the Student Fee Schedule. While this zero increase maintains tuition increases to less than the projected rate of inflation for two straight years, it does not yet enable this University to make the desired progress in reducing the students' cost of their education in Ohio. While Ohio State continues to keep tuition below the Board of Regents projections, further efforts will be needed in future biennia if Ohio students' access to public higher education is to become competitive nationally.

Continuing prior efforts to control increases in all fees and charges of the University, the average University-wide increase will be limited to less than 3.0 percent. The Residence and Dining Halls have again done their part to assist student accessibility by keeping their average rate increases to only 3.0 percent. University Hospitals continue to emphasize containment of health care costs by setting hospital rate increases to an average of 5.0 percent.

The other income components of the 1986-87 Current Funds Budget are in line with expected growth from 1985-86 revenues. The projected revenues for 1985-86 show an increase of \$7.97 million, which is less than 1.0 percent above the original budget approved by this Board on July 7, 1985. The majority of this difference results from increases in Federally sponsored research, private gifts, grants and temporary investment income. The other revenue adjustments represent normal differences in projected income versus the budget expectations of a year ago.

III. USES OF FUNDS

As detailed in the Schedule of Budgeted Uses for Fiscal Year 1986-87 and the supporting documents, this University's

STATEMENT OF BUDGET GUIDELINES/PRINCIPLES
FOR 1986-87 (contd)

recommended Current Funds expenditures total \$885,040,000. These planned expenditures will support the following budget planning guidelines.

- * Increase faculty, administrative/professional and classified staff salaries by 3.0 percent and provide 3.0 percent in salary funds for merit increases plus 0.5 percent for promotions and market adjustments.
- * Fund salary increases for negotiated wage settlements.
- * Increase general expense budgets by 5.0 percent for colleges and offices.
- * Generate internal reallocations by reducing base budgets 2.5 percent effective 1 July 1986.
- * Provide funding to maintain the purchasing power of University-funded student financial aid, plus \$4.3 million to address critical needs that include providing adequate instructional staffs, supporting continued efforts to enhance excellence and quality, and assisting implementation of program changes, as well as cost containment efforts.
- * Provide resources to meet mandatory General Fund cost increases, such as utilities and employee benefits.

One-time funds totalling \$5.8 million will be provided for equipment replacement, facilities renovation and the acquisition of library materials to continue to improve the quality of these fundamental support resources. This will be in addition to the expected \$10.0 million for replacement of instructional equipment and computers provided in the 1986-88 State Capital Improvements Bill, to be effective July 1, 1986.

This balanced budget for 1986-87 is being presented for Board of Trustees approval. As proposed, the budget supports significant enhancements in excellence at Ohio State. However, such momentum can only be sustained with continued careful attention to cost containment activities within the University matched by the State's willingness to extend its support of excellence and student accessibility.

June 10 and 11, 1986 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1986-87 CURRENT FUNDS BUDGET

Proposed Budget
Sources of Income
(In Millions)

	1985-86 Budget July 1, 1985	1985-86 Revised Estimate	1986-87 Proposed Budget
Columbus Campus			
State Appropriations	\$241.33	\$241.14	\$266.42
Student Fees	120.22	121.71	122.60
Other Income			
Federal Appropriations & Grants	84.46	86.22	89.10
Ohio Grants & Contracts	7.23	7.77	8.27
Local Grants & Contracts	11.04	11.64	11.79
Private Gifts & Grants	37.18	40.60	45.27
Endowment Income	6.77	6.91	7.31
Departmental Sales & Services	21.16	22.41	23.29
Auxiliary Sales & Services	69.35	68.47	71.44
Hospital Sales & Services	165.43	164.52	176.89
Other Sources	15.86	17.89	14.24
Total Other Income	\$418.48	\$426.43	\$447.60
Total Columbus Campus	\$780.03	\$789.28	\$836.62
Regional Campuses			
State Appropriations	8.17	9.08	9.87
Student Fees	6.34	6.50	6.57
Other Income	3.36	2.79	3.00
Total Regional Campuses	\$ 17.87	\$ 18.37	\$ 19.44
OARDC			
State Appropriations	18.15	18.15	18.78
Federal Appropriations	7.89	6.03	6.06
Other Income	3.92	4.00	4.24
Total OARDC	\$ 29.96	\$ 28.18	\$ 29.08
Total University			
State Appropriations	267.65	268.37	295.07
Student Fees	126.56	128.21	129.17
Other Income	433.65	439.25	460.90
Total Resources	\$827.86	\$835.83	\$885.14

THE OHIO STATE UNIVERSITY
1986-87 CURRENT FUNDS BUDGET

Proposed Budget
Budgeted Uses
(In Millions)

	1985-86 Budget July 1, 1985	1985-86 Revised Estimate	1986-87 Proposed Budget
Columbus Campus			
Educational & General	\$522.69	\$530.38	\$565.57
Auxiliary Enterprises			
Residence & Dining Halls	27.70	26.76	28.33
Intercollegiate Athletics	15.64	15.47	16.45
Other Auxiliaries	22.16	24.14	25.47
Total Auxiliaries	\$ 65.50	\$ 66.37	\$ 70.25
University Hospitals	177.50	173.15	187.65
Total Columbus Campus	\$765.69	\$769.90	\$823.47
Transfers	14.27	14.25	13.13
Grand Total Columbus Campus	\$779.96	\$784.15	\$836.60
Regional Campuses			
Agricultural Technical Inst.	4.86	4.67	5.02
Lima Campus	3.59	3.91	4.13
Mansfield Campus	3.67	3.70	3.74
Marion Campus	2.57	2.71	2.93
Newark Campus	3.09	3.38	3.54
Total Regional Campuses	\$ 17.78	\$ 18.37	\$ 19.36
OARDC	29.96	28.08	29.08
Total All Campuses	\$827.70	\$830.60	\$885.04

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THE OHIO STATE UNIVERSITY
1986-87 Current Funds Budget

Student Fee Schedule (Fees Per Quarter)

College or School	Credit Hours Enrollment	Instructional Fees	General Fees	Resident Total	Non- Resident Tuition	Non- Resident Total
Undergraduate Colleges						
Agriculture & Home Economics						
Allied Medical Professions						
Architecture						
The Arts						
Biological Sciences						
Business						
Continuing Education						
Dental Hygiene						
Education						
Engineering	0-1	\$ 76	\$ 18	\$ 94	\$ 75	\$ 169
Health, Phys. Educ. & Rec.	2	95	23	118	151	269
Humanities	3	115	28	143	226	369
Journalism	4	153	37	190	301	491
Mathematics & Physical Sci.	5	191	46	237	377	614
Music	6	229	55	284	452	736
Natural Resources	7	267	64	331	527	858
Nursing	8	305	73	378	603	981
Pharmacy	9	344	83	427	678	1,105
Social & Behavioral Sciences	10	382	92	474	753	1,227
Social Work	11	420	101	521	829	1,350
University College	12+	458	110	568	904	1,472
Graduate School						
	0-1	80	14	94	105	199
	2	127	22	149	210	359
	3	191	33	224	315	539
	4	254	44	298	420	718
	5	318	55	373	525	898
	6	382	66	448	630	1,078
	7	445	77	522	735	1,257
	8	509	88	597	840	1,437
	9	572	99	671	945	1,616
	10+	636	110	746	1,050	1,796

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THE OHIO STATE UNIVERSITY
1986-87 Current Funds Budget

Student Fee Schedule

College or School	Credit Hours Enrollment	Instructional Fees	General Fees	Resident Total	Non- Resident Tuition	Non- Resident Total
Graduate Professional						
Law (Fees Per Semester)	0-1	\$ 140	\$ 21	\$ 161	\$ 211	\$ 372
	2	225	33	258	337	595
	3	337	50	387	506	893
	4	450	66	516	675	1,191
	5	562	83	645	844	1,489
	6	675	99	774	1,012	1,786
	7	787	116	903	1,181	2,084
	8	900	132	1,032	1,350	2,382
	9	1,012	149	1,161	1,518	2,679
	10+	1,125	165	1,290	1,687	2,977
Medicine (Fees Per Quarter)	0-1	166	14	180	326	506
	2	266	22	288	522	810
	3	400	33	433	782	1,215
	4	533	44	577	1,043	1,620
	5	666	55	721	1,304	2,025
	6	799	66	865	1,565	2,430
	7	932	77	1,009	1,826	2,835
	8	1,066	88	1,154	2,086	3,240
	9	1,199	99	1,298	2,347	3,645
	10+	1,332	110	1,442	2,608	4,050
Dentistry	0-1	136	14	150	296	446
Optometry	2	218	22	240	474	714
Veterinary Medicine (Fees Per Quarter)	3	328	33	361	710	1,071
	4	437	44	481	947	1,428
	5	546	55	601	1,184	1,785
	6	655	66	721	1,421	2,142
	7	764	77	841	1,658	2,499
	8	874	88	962	1,894	2,856
	9	983	99	1,082	2,131	3,213
	10+	1,092	110	1,202	2,368	3,570
Pharmacy, Doctor of (Fees Per Quarter)	0-1	93	14	107	141	248
	2	150	22	172	225	397
	3	225	33	258	337	595
	4	300	44	344	450	794
	5	375	55	430	562	992
	6	449	66	515	675	1,190
	7	524	77	601	788	1,389
	8	599	88	687	900	1,587
	9	674	99	773	1,013	1,786
	10+	749	110	859	1,125	1,984

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June 10 and 11, 1986 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1986-87 Current Funds Budget

Student Fee Schedule (Fees Per Quarter)

College or School	Credit Hours Enrollment	Instructional Fees	General Fees	Resident Total	Non- Resident Tuition	Non- Resident Total
Regional Campuses						
Undergraduate	0-1	\$ 76	\$ 16	\$ 92	\$ 75	\$ 167
	2	95	19	114	151	265
	3	115	23	138	226	364
	4	153	31	184	301	485
	5	191	39	230	377	607
	6	229	47	276	452	728
	7	267	54	321	527	848
	8	305	62	367	603	970
	9	344	70	414	678	1,092
	10	382	78	460	753	1,213
	11	420	85	505	829	1,334
	12+	458	93	551	904	1,455
Graduate	0-1	80	12	92	105	197
	2	127	19	146	210	356
	3	191	28	219	315	534
	4	254	37	291	420	711
	5	318	47	365	525	890
	6	382	56	438	630	1,068
	7	445	65	510	735	1,245
	8	509	74	583	840	1,427
	9	572	84	656	945	1,601
	10+	636	93	729	1,050	1,779

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PAY RANGE SCHEDULE

Effective June 23, 1986

Pay Range	Step 1	Step 2	Step 3	Step 4	Step 5	Step 6	Step 7	Step 8	Step 9
01	5.68 11,814.40	5.86 12,188.80	6.04 12,563.20	6.24 12,979.20	6.44 13,395.20	6.64 13,811.20	6.85 14,248.00		
02	5.96 12,396.80	6.13 12,750.40	6.33 13,166.40	6.55 13,624.00	6.77 14,081.60	6.98 14,518.40	7.20 14,976.00		
03	6.24 12,979.20	6.44 13,395.20	6.66 13,852.80	6.89 14,331.20	7.12 14,809.60	7.36 15,308.80	7.61 15,828.80		
04	6.55 13,624.00	6.77 14,081.60	7.00 14,560.00	7.26 15,100.80	7.49 15,579.20	7.75 16,120.00	8.02 16,681.60		
05	6.89 14,331.20	7.12 14,809.60	7.38 15,350.40	7.64 15,891.20	7.82 16,265.60	8.08 16,806.40	8.34 17,347.20		
06	7.26 15,100.80	7.49 15,579.20	7.73 16,078.40	7.95 16,538.00	8.20 17,056.00	8.46 17,596.80	8.72 18,137.60		
07	7.64 15,891.20	7.82 16,265.60	8.07 16,785.60	8.32 17,305.60	8.60 17,888.00	8.93 18,574.40	9.21 19,156.80	9.50 19,760.00	
08	8.07 16,785.60	8.32 17,305.60	8.60 17,888.00	8.93 18,574.40	9.28 19,302.40	9.66 20,092.80	10.00 20,800.00	10.36 21,548.80	
09	8.60 17,888.00	8.93 18,574.40	9.28 19,302.40	9.66 20,092.80	10.12 21,049.60	10.57 21,985.60	11.01 22,900.80	11.47 23,857.60	
10	9.28 19,302.40	9.68 20,092.80	10.12 21,049.80	10.57 21,985.80	11.04 22,963.20	11.60 24,128.00	12.14 25,251.20	12.70 26,416.00	
11	10.12 21,049.60	10.57 21,985.60	11.04 22,983.20	11.60 24,128.00	12.17 25,313.60	12.76 26,540.80	13.37 27,809.60	14.01 29,140.80	
12	11.04 22,963.20	11.60 24,128.00	12.17 25,313.60	12.76 26,540.80	13.39 27,851.20	14.03 29,182.40	14.72 30,617.60	15.44 32,115.20	
23	6.04 12,563.20	6.24 12,979.20	6.44 13,395.20	6.66 13,852.80	6.89 14,331.20	7.12 14,809.60	7.36 15,308.80	7.61 15,828.80	
24	6.33 13,166.40	6.55 13,624.00	6.77 14,081.60	7.00 14,560.00	7.26 15,100.80	7.49 15,579.20	7.75 16,120.00	8.02 16,681.60	
25	6.66 13,852.80	6.89 14,331.20	7.12 14,809.60	7.38 15,350.40	7.64 15,891.20	7.82 16,265.60	8.08 16,806.40	8.34 17,347.20	
26	7.00 14,560.00	7.26 15,100.80	7.49 15,579.20	7.73 16,078.40	7.95 16,536.00	8.20 17,056.00	8.47 17,617.60	8.74 18,179.20	
27	7.38 15,350.40	7.64 15,891.20	7.82 16,265.60	8.07 16,785.60	8.32 17,305.60	8.60 17,888.00	8.93 18,574.40	9.21 19,156.80	9.51 19,780.80
28	7.82 16,265.60	8.07 16,785.60	8.32 17,305.60	8.60 17,888.00	8.93 18,574.40	9.28 19,302.40	9.66 20,092.80	10.00 20,800.00	10.36 21,548.80
29	8.32 17,305.60	8.80 17,888.00	8.93 18,574.40	9.28 19,302.40	9.66 20,092.80	10.12 21,049.60	10.57 21,985.60	11.01 22,900.80	11.46 23,836.80
30	8.93 18,574.40	9.28 19,302.40	9.66 20,092.80	10.12 21,049.60	10.57 21,985.60	11.04 22,963.20	11.60 24,128.00	12.14 25,251.20	12.68 26,374.40
31	9.66 20,092.80	10.12 21,049.60	10.57 21,985.60	11.04 22,963.20	11.60 24,128.00	12.17 25,313.60	12.76 26,540.80	13.37 27,809.60	14.01 29,140.80
32	10.57 21,985.60	11.04 22,963.20	11.60 24,128.00	12.17 25,313.60	12.76 26,540.80	13.39 27,851.20	14.03 29,182.40	14.72 30,617.60	15.44 32,115.20
33	11.60 24,128.00	12.17 25,313.60	12.76 26,540.80	13.39 27,851.20	14.03 29,182.40	14.72 30,617.60	15.45 32,136.00	16.21 33,716.80	16.99 35,339.20
34	12.76 26,540.80	13.39 27,851.20	14.03 29,182.40	14.72 30,617.60	15.45 32,136.00	16.21 33,716.80	17.00 35,360.00	17.86 37,148.80	18.74 38,979.20
35	14.03 29,182.40	14.72 30,617.60	15.45 32,136.00	16.21 33,716.80	17.00 35,360.00	17.86 37,148.80	18.72 38,937.60	19.66 40,892.80	20.63 42,910.40
36	15.45 32,136.00	16.21 33,716.80	17.00 35,360.00	17.86 37,148.80	18.72 38,937.60	19.66 40,892.80	20.63 42,910.40	21.66 45,052.80	22.73 47,278.40

June 10 and 11, 1986 meeting, Board of Trustees

**QUARTERLY REPORT -
WAIVERS OF COMPETITIVE BIDDING REQUIREMENTS
Resolution No. 86-148**

RESOLVED, That the quarterly report on the Waivers of Competitive Bidding Requirements, dated January through March 1986, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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**REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO
Resolution No. 86-149**

RESOLVED, That the report on the University's Investment Portfolio, dated May 16, 1986, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Thursday, July 10, 1986, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 6:30 p.m.

Attest:

Madison H. Scott
Secretary

Daniel M. Galbreath
Chairman

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