

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

Columbus, Ohio, February 1, 1985

The Board of Trustees met at its regular monthly meeting on Friday, February 1, 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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February 1, 1985 meeting, Board of Trustees

The Chairman, Mr. Hilliker, 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: D. James Hilliker, Chairman, John F. Havens, Daniel M. Galbreath, Leonard J. Immke, John W. Berry, Shirley D. Bowser, Hamilton J. Teaford, and John J. Barone.

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Mr. Hilliker reconvened the meeting at 1:50 p.m.

Present: D. James Hilliker, Chairman, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, Hamilton J. Teaford, and John J. Barone.

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COMMENTS ON DIVESTMENT

President Jennings made the following statement:

During the Fiscal Affairs Committee meeting this morning we heard a very strong and analytical report from our student body on the issue of investments in South Africa. That group has recommended that we create a committee with at least three student representatives chosen by the Students Against Apartheid. Upon reflection, I think that seems very reasonable and I would like to endorse that recommendation and to move forward in the next few weeks to work with the students to form such a committee for the process of review that we intend to conduct in the next two months--if that seems acceptable.

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AMENDMENTS OF BYLAWS OF UNIVERSITY HOSPITALS BOARD

Resolution No. 85-70

Synopsis: Changes in the approved sections of the Bylaws to reflect current unit/operating official title designations; reporting procedure and committee assignments of the University Hospitals Board are proposed.

WHEREAS pursuant to 3335-103-01 of the University Hospitals Board Bylaws, the University Hospitals Board Bylaws may be amended by The Ohio State University Board of Trustees; and

WHEREAS the proposed revisions to Bylaws 3335-93-01, 3335-93-03, 3335-97-02, 3335-97-03, 3335-97-04, 3335-97-05, 3335-99-01, 3335-101-06, and 3335-101-07 have been endorsed and ratified by the University Hospitals Board:

NOW THEREFORE

February 1, 1985 meeting, Board of Trustees

AMENDMENTS OF BYLAWS OF UNIVERSITY HOSPITALS BOARD (contd)

BE IT RESOLVED, That Bylaws as follows of the Administrative Code be amended to read:

AMENDED BYLAWS

3335-93-01 University hospitals board.

- (A) The body responsible to the Ohio state university board of trustees for oversight of patient care services, the university hospitals' support of the Ohio state university health sciences academic programs, shall be known as the university hospitals board (herein called board).
- (6) The president of the Ohio state university will serve as the university's primary administrative contact with the hospitals board and shall interpret proposals and recommend actions of the hospitals board to the university's board of trustees.

3335-93-03 Accountability.

- (A) The appointment of the executive director of university hospitals will be approved by the Ohio state university board of trustees upon recommendation of the president of the university following consultation with the hospitals board.

3335-97-02 Executive committee.

- (B) Composition. The executive committee of the board shall consist of: the chairman of the board, who will serve as chairman of the committee; the vice chairman of the board; the immediate past chairman of the board; the president of the university; and the chairmen of all standing committees of the board. The vice president for health services, or other officer designated by the president of the university, and the dean of the college of medicine are to be ex-officio members without vote. Any standing committee chairman may designate a member of that committee who is also a hospitals board member to represent the chairman at any meeting of the executive committee. As non-voting secretary of the board, the hospitals executive director shall attend all meetings of the executive committee and act as its secretary.

3335-97-03 Joint conference committee.

- (A) (1) Accreditation. The committee shall be responsible for advising the hospitals board on all matters relevant to accreditation within the hospitals. The committee shall monitor hospitals operation to identify areas of potential non-compliance with accreditation standards and shall make recommendations to the hospitals board and to the medical staff for appropriate action.
- (B) Composition. The hospitals board shall be represented on the joint conference committee by five (5) members of the hospitals board to be appointed annually by the hospitals board chairman. The immediate past

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AMENDMENTS OF BYLAWS OF UNIVERSITY HOSPITALS BOARD (contd)

chairman of the board shall be included among the hospitals board members appointed to the committee, and shall serve as an ex-officio member.

Other members of the joint conference committee will be as follows: the executive director of university hospitals, the dean of the college of medicine, the medical director of the hospitals, the associate executive director of nursing services, the chief of staff or person in equivalent position, and two additional members of the medical staff selected by the organized medical staff. The executive director of university hospitals will serve as secretary of the committee.

3335-97-04 Finance committee.

- (B) Composition. The finance committee shall consist of four board members appointed annually by the chairman of the board, one of whom shall be the chairman of this committee; the Ohio state university vice president for health services or designee; the Ohio state university fiscal officer or designee; the Ohio state university vice president for personnel services or designee; the hospitals medical director or designee; and the chief of medical staff or designee. The immediate past chairman of the board shall serve as an ex-officio member.

3335-97-05 Hospital facilities committee.

- (B) Composition. The committee shall consist of five board members, appointed annually by the chairman of the board, one of whom shall serve as chairman of the committee; the Ohio state university vice president for health services or designee; the Ohio state university vice president for business and finance or designee; the Ohio state university fiscal officer or designee; the medical director of the hospitals or designee; and the chief of medical staff or designee. The immediate past chairman of the board shall serve as an ex-officio member.

3335-99-01 Relationships of hospitals to health sciences, academic, and research programs.

The health sciences colleges of the university carry out a significant portion of their educational and research activity in university hospitals. Although the board has not been delegated specific responsibilities for academic programs, it shall lend its best efforts to assure that the programs of the health sciences colleges are effectively supported in collaboration with the hospitals patient care programs. The vice president for health services shall be charged with maintaining an effective liaison between the health sciences colleges and the hospitals board to assure excellence in both academic and patient care programs. (B/T 5/2/80, B/T 2/1/85)

3335-101-06 Medical staff administrative committee.

- (B) Composition. The medical board of the medical staff shall be known as the medical staff administrative committee which shall be composed of the chief of staff, the chief of staff-elect, the chiefs of clinical departments, three at-large members elected by the medical staff, the

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AMENDMENTS OF BYLAWS OF UNIVERSITY HOSPITALS BOARD (contd)

medical director, and the executive director of hospitals. The medical director, who is appointed by the dean of the college of medicine and the vice president for health services subject to approval by the board, shall serve as chairperson of the medical staff administrative committee.

3335-101-07 Hospital clinical departments.

- (A) Appointment of the chief of each clinical department is subject to approval by the board on the recommendation of the dean of the applicable professional school and the vice president for health services. All such appointments shall be periodically reviewed by the board. Chiefs of clinical departments vacancies may be filled on an interim basis at any time by action of the dean of the appropriate professional college, after consulting with the board. (In general, the chiefs of clinical departments will be chairmen of corresponding academic departments in the medical college.)
- (C) The dean of the college of medicine serves as the chief medical officer of the hospitals and in this capacity is accountable directly to the vice president for health services and to the board. In matters relating to medical care in the hospitals, members of the clinical departments of the hospitals are accountable to their clinical chiefs, who are accountable to the medical director, who is accountable to the dean of the college of medicine. (B/T 5/2/80, B/T 9/5/80, B/T 2/1/85)

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

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BYLAWS OF THE MEDICAL STAFF
THE OHIO STATE UNIVERSITY HOSPITALS

Resolution No. 85-71

Synopsis: Ratification and confirmation of rule number and reference sequence relating to Bylaws of the Medical Staff of The Ohio State University Hospitals (Rule 3335-43-01 through 3335-43-14).

WHEREAS pursuant to Resolution #83-76 this Board approved at its February 4, 1983 meeting the adoption of Bylaws of the Medical Staff of The Ohio State University Hospitals; and

WHEREAS subsequent to this approval action subject rules have been filed with the Secretary of State pursuant to Section 111.15 of the Ohio Revised Code and have been designated in the Administrative Code as follows: 3335-43-01, 3335-43-02, 3335-43-03, 3335-43-04, 3335-43-05, 3335-43-06, 3335-43-07, 3335-43-08, 3335-43-09, 3335-43-10, 3335-43-11, 3335-43-12, 3335-43-13, 3335-43-14, and Appendices; and

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BYLAWS OF THE MEDICAL STAFF
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WHEREAS it is desirable now to ratify and confirm the rule number and reference sequence specified herein as rules 3335-43-01 through 3335-43-14 as Bylaws of the Medical Staff of The Ohio State University Hospitals:

NOW THEREFORE

BE IT RESOLVED, That the Board does hereby ratify and confirm the rule number and reference sequence specified as 3335-43-01 through 3335-43-14 as Bylaws of the Medical Staff of The Ohio State University Hospitals to read:

Chapter 3335-43

3335-43-01 Medical staff name.

The board of trustees of the Ohio state university, by official action on September 13, 1963, established "the Ohio state university hospitals." The board of trustees of the Ohio state university, on November 30, 1979, amended rule 3335-1-03 of the Administrative Code to create a university hospitals board and on April 4, 1980, appointed twelve citizen members and three trustee members to serve on the hospitals board. According to Chapters 3335-93-01 to 3335-93-03 of the Administrative Code, the hospitals board designated that the medical staff of the Ohio state university hospitals be delegated the responsibility to prepare and recommend adoption of these bylaws. The dean of the college of medicine serves as the chief medical officer of the hospitals and in this capacity is accountable directly to the vice president for health services and to the board. "The medical staff of the Ohio state university hospitals" shall be the name of the hospitals' medical staff organization.

3335-43-02 Purpose.

The purpose of the medical staff of the Ohio state university hospitals shall be:

- (A) To ensure that all patients admitted to the university hospitals shall receive the best possible care and treatment in a teaching environment, realizing that the care and treatment of the individual patient is the medical responsibility of the member of the attending, courtesy, or honorary medical staff to whose care the patient is admitted or transferred.
- (B) To support educational and research programs; elevate and advance the educational standards of our profession, including, but not limited to, our pre- and post-M.D. students, nurse students, graduate nurse students, students of the allied medical professions, and students of other health professional colleges; provide research programs to enhance and advance the educational and patient-care programs.
- (C) To provide a means whereby medical problems may be reviewed; policies and procedures discussed; and to provide a means for establishing and

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maintaining standards of professional, medical and educational performance, organization, and discipline within the medical staff and harmonious cooperation and understanding among the units comprising the university hospitals.

- (D) To provide service, education and research programs to benefit the mental, physical, and environmental health of the citizens of the state of Ohio; dedicate itself to be responsive to the needs of its patients and to communicate effectively concerning matters of patient care; and encourage dissemination of medical knowledge to health professionals and the public, and conduct research for the prevention and treatment of disease.

3335-43-03 Patients.

- (A) The care and treatment of individual patients is the medical responsibility of the member of the attending, courtesy or honorary medical staff to whose care the patient is admitted or transferred within the university hospitals.
- (B) There shall be only one category or classification of patients in the university hospitals, and those patients are the private patients of the medical staff under whose care they are admitted. Patients admitted to university hospitals who, at the time of admission, have not requested or selected a member of the medical staff to attend them shall be assigned for their care and treatment, by the chief of the appropriate clinical division or department or their designees, to a member of the medical staff.
- (C) All patients admitted to the university hospitals should cooperate and be an integral part of the teaching program of the college of medicine. Should a patient, or on the behalf of the patient, the patient's next of kin, or guardian, refuse to participate or cooperate in the teaching program of the university hospitals or the college of medicine, the medical staff responsible for the care and treatment of the patient will encourage participation in the university's teaching programs. Students, including pre- and post-M.D., but not limited thereto, are under the direction and control of the members of the medical staff to whom the patient is assigned upon admission to the hospital or transfer within the university hospitals' services.

3335-43-04 Membership.

- (A) Qualifications.
 - (1) Membership on the medical staff of the Ohio state university hospitals is a privilege extended to doctors of medicine, osteopathic medicine, dental surgery, and to practitioners of podiatry who consistently meet the qualifications, standards, and requirements set forth in the bylaws, rules and regulations of the medical staff, the university hospitals board and the board of trustees of the Ohio state university.

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(2) All members of the medical staff of the Ohio state university hospitals shall be members of the faculty of the Ohio state university college of medicine, or in the case of dentists, of the Ohio state university college of dentistry, and shall be duly licensed to practice in the state of Ohio. Only those physicians, dentists, and practitioners of podiatry who can document their education, training, experience, competence, adherence to the ethics of their profession, dedication to educational and research-goals, and ability to work with others with sufficient adequacy to assure the university hospitals board and the board of trustees of the Ohio state university that any patient treated by them at university hospitals will be given the high quality of medical care provided at university hospitals, shall be qualified for membership on the medical staff of the Ohio state university hospitals.

(B) Application for membership.

Initial application for medical staff membership shall be made by the applicant to the chief of the clinical department on prescribed forms stating the qualifications and references of the applicant and giving an account of his professional training and experience. Applications may be made only if the qualifications are fulfilled as outlined in paragraph (A) of this rule. A supporting letter from the chief of the clinical department is necessary. It shall include written statements of the applicant to abide by the bylaws, rules and regulations of the medical staff, the university hospitals board, and the board of trustees of the Ohio state university. The application shall also contain a statement acknowledging that membership on the medical staff requires participation in the peer review process of evaluating credentials, medical staff membership and clinical privileges, and that a condition for membership requires mutual covenants between all members of the medical staff to release one another from civil liability in this review process as long as the peer review is not conducted in bad faith, with malice, or without reasonable effort to ascertain the accuracy of information being disclosed or relied upon.

(C) Terms of appointment.

Initial appointment to the medical staff, will be for a period extending to the end of the fiscal year (first of July through thirtieth of June). Reappointment to the medical staff shall be done on an annual basis and for a period of not more than one fiscal year. Initial appointments, except for the honorary and limited categories, will be provisional for six months regardless of the date of his appointment.

(D) Ethics and ethical relationship.

The code of ethics as adopted, or as may be amended, by the American Medical Association, or the American Dental Association shall govern the professional ethical conduct of the respective members of the medical staff.

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(E) Procedure for appointment.

- (1) The written and signed application for membership on the medical staff shall be presented to the chief of the clinical department. The applicant shall include in the application a signed statement indicating that if he should be accepted to membership on the medical staff, he agrees to be governed by the bylaws, rules and regulations of the medical staff, the university hospitals board and the board of trustees of the Ohio state university. Signing the application also constitutes a consent to be interviewed in regard to the application, authorizes university hospitals to consult with members of the medical staffs of other hospitals with which the applicant has been or has attempted to be associated, and with others who may have information bearing on his competence, character and ethical qualifications. The applicant also consents to university hospitals' inspection of all records and documents that may be material to the evaluation of his professional qualifications and competence to carry out the clinical, medical and educational privileges for which he is applying as well as his professional ethical qualifications for medical staff membership and further releases from any liability all representatives of university hospitals for acts performed concerning this process. The applicant has an affirmative duty to disclose any prior or current challenges to his licensure or any loss of membership in any medical, dental, or podiatric professional organization or loss of medical staff membership or privileges at any other hospital. Upon request of the medical staff administrative committee or university hospitals board, the applicant will document his physical and mental status with sufficient adequacy to demonstrate that any patient treated by the applicant will receive care of a generally professionally recognized level of quality and efficiency. The conditions of this paragraph shall be deemed continuing and may be applicable to issues of continued good standing as a member of the medical staff.
- (2) Each chief of a clinical department will be responsible for investigating and verifying the character, qualifications, and professional standing of the applicant and shall submit a report of those findings and recommendations to the medical director of university hospitals who shall forward the application to the medical staff administrative committee for action. The chief of the clinical department shall be responsible to see that each applicant is reviewed and reported upon within three months.
- (3) The medical staff administrative committee shall recommend to the medical director and the chief of the clinical department that the application be accepted, further investigated, or rejected. The medical director will forward the application, with recommendations of the chief of the clinical department, and his own recommendations, to the joint conference committee of the university hospitals board, who will recommend appropriate action to the university hospitals board. The university hospitals board

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shall make their recommendation to the board of trustees of the Ohio state university by communicating through the president of the Ohio state university.

- (4) When the board of trustees of the Ohio state university has acted, the secretary of the board shall inform the chief of the clinical department to transmit the decision to the applicant and, if appropriate, to the chief of the clinical division. The secretary of the board shall also notify the dean of the college of medicine, the medical director and the executive director of the university hospitals of the decision.
- (F) Procedure for reappointment.
- (1) At least sixty days prior to the scheduled final medical staff administrative committee meeting of the fiscal year (first of July through thirtieth of June), the chief of the clinical department shall review the information available on each physician in his department for the purpose of determining recommendations for reappointment to the medical staff and for granting clinical privileges for the ensuing year. Those recommendations shall be transmitted in writing to the medical director at least thirty days prior to the scheduled final medical staff administrative committee meeting of the fiscal year. Where reappointment is recommended the subsequent procedure will be the same as upon appointment. Where a non-reappointment or a change in clinical privileges is recommended, the reason for such recommendation shall be stated. The medical director will forward the recommendations to the medical staff administrative committee.
 - (2) The basis on which the chiefs of the departments are to act concerning the reappointment of a medical staff member and the clinical privileges to be granted upon such reappointment shall be a member's professional competence; clinical judgment; ethical conduct; participation in staff affairs; compliance with the bylaws, rules and regulations of the medical staff, the university hospitals board, and the board of trustees of the Ohio state university; cooperation with university hospitals' personnel and the use of the hospitals' facilities for patients; relations with other physicians, other health professionals or other staff, and his professional attitude toward patients; and the responsibility to the university hospitals and the public.
 - (3) When the medical staff administrative committee is notified of a recommendation of non-reappointment or adverse change in clinical privileges, they shall instruct the dean of the college of medicine to give written notice to the affected member of the decision, the stated reason for the decision, and the member's right to a hearing pursuant to paragraphs (A) and (B) of rule 3335-43-06 of the Administrative Code. This notification and an opportunity to exhaust the administrative appeal process shall occur prior to the imposition of the proposed penalties unless the

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emergency provisions outlined in paragraph (D) of rule 3335-43-05 of the Administrative Code apply. The notice by the dean shall be sent certified return receipt mail to the affected member's last known address as determined by university records.

- (4) If the affected member of the medical staff does not make a written request for a hearing to the medical director within fourteen days after receipt of the adverse decision, it shall be deemed a waiver of his right to any review by the medical staff administrative committee to which he might otherwise have been entitled on the matter.
- (5) If a timely, written request for hearing is made, the procedures set forth in rule 3335-43-06 of the Administrative Code shall apply.

3335-43-05 Corrective action.

(A) Procedures.

- (1) Whenever the activities or professional conduct of a member of the medical staff of university hospitals violates the standards or aims of the medical staff or standards of professional conduct; is considered to be disruptive to the operation of the university hospitals; violates the bylaws, rules and regulations of the medical staff, the university hospitals board, or the board of trustees of the Ohio state university; or the state or federal law; corrective action against such a medical staff member may be initiated by a chief of a clinical division or chief of a clinical department, the medical director, an officer or member of the medical staff, the executive director of university hospitals, the dean of the college of medicine, any member of the board of the Ohio state university hospitals, the vice president for health services, the president of the Ohio state university, and any member of the board of trustees of the Ohio state university. All requests for corrective action shall be in writing, shall be submitted to the dean of the college of medicine, and shall be supported by reference to the specific activities or conduct which constitute grounds for the requested action.
- (2) The dean of the college of medicine shall promptly notify the affected member of the medical staff, in a confidential manner, that a request for corrective action has been made, and inform him of the specific activities or conduct which constitutes grounds for the requested action. The dean shall investigate the matter in whatever manner he deems appropriate. Whenever the dean determines that further action is warranted and that corrective action could result, which action could involve a reduction, suspension or revocation of clinical privileges, the dean shall refer the requests to the chief of the clinical department in which the staff member has clinical privileges, who shall impanel the investigation committee. If the chief of the clinical department is the staff member charged, or has initiated the corrective

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action, the dean shall designate a physician member of his administrative staff to fulfill the functions herein specified for said chief. The affected member of the medical staff shall be notified of the referral to the investigation committee, and be informed that these medical staff bylaws will govern all further proceedings. The dean shall designate a physician member of his administrative staff to exercise any or all duties or responsibilities assigned to him under these rules for implementing corrective action and appellate procedure only if:

- (a) He is the medical staff member charged;
- (b) He is responsible for having the charges brought against another medical staff member; or
- (c) There is an obvious conflict of interest.

If the dean decides that no further action is warranted, he will notify the person(s) who filed the request for corrective action and the member accused, in writing, that no further action will be taken.

- (3) The investigation committee will investigate the request for corrective action and shall report within two weeks its findings and recommendations for action to the chief of the clinical department or the dean's designee. The chief of the clinical department or the dean's designee will forward his recommendation and the findings and recommendations of the investigation committee to the dean of the college of medicine. Prior to making such a report to the dean, the medical staff member against whom the corrective action has been requested shall have an opportunity to interview the chief of the clinical department or the dean's designee. At such interview, the medical staff member shall be informed of the specific activities alleged to constitute grounds for corrective action, and of the specific evidence which the investigation committee and the chief of the clinical department or the dean's designee have discovered which is material to the charge. The medical staff member shall be invited to discuss, explain or refute the charge or the evidence thus far adduced. The medical staff member may furnish written or oral information to the chief at this time. However, such interview shall not constitute a hearing, but shall be investigative in nature. The medical staff member shall not be represented by an attorney at this interview.
- (4) Following receipt by the dean of the college of medicine of the report from the investigation committee and the chief of the clinical department, the dean shall decide whether the grounds for the requested corrective action are such as could involve a reduction, suspension or revocation of clinical privileges. If the

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dean decides that the grounds are not substantiated, he will notify the investigation committee; chief of the clinical department; person(s) who filed the charge; and the medical staff member affected, in writing, that no further action will be taken. If the dean decides that the grounds for corrective action are substantiated, the dean shall notify the chief of staff to impanel a grievance committee of the medical staff as outlined in paragraph (C) of this rule. The affected member of the medical staff shall be promptly notified by the dean and permitted to make an appearance before the grievance committee of the medical staff. The rules of conduct of the meeting shall be as outlined in paragraph (C) of this rule. The grievance committee will forward its findings and recommendations for action to the dean of the college of medicine, medical director, chief of staff and the accused member of the medical staff.

- (5) Following receipt by the dean of the college of medicine of the report from the grievance committee, the dean shall decide whether the grounds for the requested corrective action are such as could involve a reduction, suspension or revocation of clinical privileges. If the dean decides the grounds are not substantiated, he will notify the grievance committee, the person(s) who filed the charge and the medical staff member affected in writing that no further action will be taken. In the event the dean finds the grounds for the requested corrective action are substantiated he may accept, reject or modify the corrective action recommended by the grievance committee and notify the medical staff member of his decision and of the affected medical staff member's appeal rights pursuant to rule 3335-43-06 of the Administrative Code. This notification and an opportunity to exhaust the administrative appeal process shall occur prior to the imposition of the proposed penalties unless the emergency provisions outlined in paragraph (D) of this rule apply. This notice by the dean shall be sent certified return receipt mail to the affected member's last known address as determined by university records.
- (6) If the affected member of the medical staff does not make a written request for a hearing to the medical director within fourteen days after receipt of the adverse decision, it shall be deemed a waiver of his right to any review by the medical staff administrative committee to which he might otherwise have been entitled on the matter.
- (7) If a timely, written request for hearing is made, the procedures set forth in rule 3335-43-06 of the Administrative Code shall apply.

- (B) Composition of investigation committee.

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- (1) At the beginning of the fiscal year, the chief of the clinical department shall select four members of the department to serve on the standing investigation committee of the department. Three members shall be designated permanent members and one shall serve as an alternate.
 - (2) The investigation committee, when called into session by the chief of the clinical department, shall consist of three members of the medical staff. The alternate shall attend all meetings. When necessary, additional alternates may be selected.
- (C) Composition of grievance committee.
- (1) At the first meeting of the medical staff, during the fall quarter of each academic year, the chief of the medical staff shall submit, for approval by the staff, the names of thirty members of the staff (who shall not be members of the medical staff administrative committee) whom he has chosen as being appropriate to sit on the grievance committee when they are selected, by lot, to do so.
 - (2) The grievance committee, when called into session by the chief of staff, shall consist of five members of the staff whose names have been chosen by lot from the thirty chosen. No person shall be eligible for selection to serve on two successive grievance committees. The chief of the medical staff shall have authority to rule upon alleged conflicts of interest or disqualifications involving grievance committee members.
 - (3) Each grievance committee shall choose from among its number a chairman who shall preside over it and, with the advice and consent of the committee, speak for it, during the hearing, rule on the matters relevant to its proceedings, and arrange for the conduct of the committee's administration. All grievance committee members shall be required to hear all evidence presented. Any recommendation that involves a reduction, suspension, or revocation of clinical privileges may be by majority decision of the committee. If circumstances make attendance by a member of the grievance committee at a hearing impossible, or require an excessive postponement, the chief of staff shall order the remaining four to act upon a clear majority of the remaining four, or shall immediately select a new grievance committee. If more than one member cannot hear all the evidence, a new committee shall be composed.
 - (4) The affected medical staff member shall have the right to personally appear before the grievance committee, to cross-examine witnesses, and to submit to the grievance committee written evidence and memoranda relevant to the issues. The staff member shall be fully apprised of all allegations and all evidence known to the grievance committee, and shall be entitled to

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discuss, explain and refute all evidence adduced against him. The affected medical staff member shall not be represented by an attorney before the grievance committee.

(D) Summary suspension.

- (1) Notwithstanding the provisions of this rule, a member of the medical staff shall have all or any portion of his clinical privileges suspended by the dean of the college of medicine, the medical director, or the chief of his clinical department whenever such action must be taken immediately in the best interest of patient care. Such summary suspension shall become effective immediately upon imposition and the medical staff member will be subsequently notified in writing of the suspension by the dean of the college of medicine. Such notice shall be by certified return mail to the affected medical staff member's last known address as determined by university records.
- (2) A medical staff member whose privileges have been summarily suspended shall be entitled to appeal the suspension pursuant to rule 3335-43-06 of the Administrative Code. If the affected member of the medical staff does not make a written request for a hearing to the medical director within fourteen days after receipt of the adverse decision, it shall be deemed a waiver of his right to any review by the medical staff administrative committee to which he might otherwise have been entitled on the matter. If a timely, written request for a hearing is made, the procedures of rule 3335-43-06 of the Administrative Code shall apply.
- (3) Immediately upon the imposition of a summary suspension, the dean of the college of medicine, the medical director, or the appropriate chief of a clinical department shall have the authority to provide for alternative medical coverage for the patients of the suspended medical staff member who remain in the hospital at the time of suspension. The wishes of the patient shall be considered in the selection of such alternative medical coverage.

(E) Automatic suspension.

- (1) Notwithstanding the provisions of this rule, a temporary suspension in the form of withdrawal of a medical staff member's admitting privileges, effective until medical records are completed, may be imposed automatically by the medical director after a warning, in writing, of delinquency for failure to complete medical records as defined by the rules and regulations of the medical staff. The medical director shall notify the executive director of the university hospitals of the action taken.

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- (2) Action by the state boards of licensure revoking or suspending a medical staff member's license or placing him upon probation will automatically impose the same restrictions to his university hospitals' privileges.

3335-43-06 Hearing and appellate review procedure.

(A) Right to hearing before the medical staff administrative committee and to appellate review.

- (1) When a member of the medical staff who has exhausted his remedies under paragraph (F) of rule 3335-43-04 of the Administrative Code on reappointments; or under rule 3335-43-05 of the Administrative Code for corrective action; or who has been summarily or automatically suspended under paragraph (D) or (E) of rule 3335-43-05 of the Administrative Code; receives notice of a proposed action by the dean of the college of medicine or the medical director that will adversely affect his reappointment as a member of the medical staff or his exercise of clinical privileges. The staff member shall be entitled to a hearing before the medical staff administrative committee which will submit a written report, including its recommendations, to the chairman of the joint conference committee of the university hospitals board within seven days of the conclusion of hearing evidence.

- (2) All hearings and appellate reviews shall be in accordance with the procedural safeguards set forth in this rule to assure that the affected medical staff member is accorded all rights to which he is entitled.

(B) Request for hearing.

- (1) The request for a hearing before the medical staff administrative committee shall be submitted in writing by the affected medical staff member to the medical director within fourteen days of notification by the dean or medical director of his intended action. The medical director shall forward the request to the medical staff administrative committee along with instructions to convene a hearing.

- (2) The failure of a medical staff member to request a hearing before the medical staff administrative committee, to which he is entitled by these bylaws within the time and in the manner herein provided, shall be deemed a waiver of his right to any review by the medical staff administrative committee to which he might otherwise have been entitled on the matter. The dean of the college of medicine shall then implement the decision and that action shall become and remain effective against the medical staff member in the same manner as a final decision of the board of trustees of the Ohio state university as provided for in paragraph (F) of this rule. The dean shall promptly inform the

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affected medical staff member that the proposed decision which had entitled the medical staff member to a hearing has now become final.

(C) Notice of hearing.

- (1) Within fourteen days after receipt of a request for hearing by the medical director from a medical staff member entitled to the same, the medical staff administrative committee shall schedule and arrange for such a hearing and shall, through the dean, notify the medical staff member in writing of the time, place, and date so scheduled. The medical staff member shall be given at least ten days prior notice of the scheduled hearing, provided that this notice may be waived in writing by the medical staff member. Notice shall be by certified return receipt mail to the staff member at his last known address as reflected by university records. The hearing or initial hearing, should more than one hearing be required, shall not be less than fourteen days nor more than thirty days from the date of the receipt of the request for hearing by the medical director; provided, however, that a hearing for a medical staff member who is under suspension, which is then in effect, shall be held as soon as arrangements may be reasonably made.
- (2) The notice of hearing shall state in concise language the acts or omissions with which the medical staff member is charged; a list of representative charts or documents being used; names of potential witnesses to be called; and any other reason or evidence that may be considered by the medical staff administrative committee during the hearing.

(D) Conduct of hearing.

- (1) A majority of the members of the medical staff administrative committee shall be present to convene the hearing and a majority which has heard all the evidence must be present to deliberate and to vote. No member may vote by proxy. The hearing shall be a DE NOVO hearing, although evidence of the prior recommendations and decisions of the dean and the various committees may be presented. Neither the dean of the college of medicine nor any member of his staff who has been designated to carry out the duties and responsibilities of the dean under these procedures shall participate in any way in the proceedings or deliberations of the committee except as an observer, a witness, or to explain his prior recommendations and decisions. The committee shall select a chairman from the committee membership for the purpose of conducting the hearing. The person who brings the charge shall not participate in the deliberation or voting of the committee.

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- (2) An accurate record of the hearing must be kept. The mechanism for taking the record shall be by the use of a professional stenographer. This record will be available to the affected member of the medical staff upon request at his expense.
- (3) The personal presence of the medical staff member for whom the hearing has been scheduled shall be required. A medical staff member who fails without good cause to appear and proceed at such hearing shall be deemed to have waived his rights to appear and to have a hearing before the medical staff administrative committee in the same manner as provided in paragraph (B) of this rule, and to have accepted the adverse recommendation or decision involved and the same shall therein become and remain in effect as provided in paragraph (B) of this rule. The medical staff administrative committee may, in its own discretion, proceed with the hearing without the medical staff member and impose a sanction which is greater or lesser than that originally imposed.
- (4) Postponements of hearings beyond the time set forth in these bylaws shall be made only with the approval of the medical staff administrative committee. Granting of such postponement shall be only for good cause shown.
- (5) The hearing need not be conducted strictly according to the rules of law related to the examination of witnesses or presentation of evidence. Any relevant matters upon which responsible persons customarily rely in the conduct of serious affairs shall be considered, regardless of the existence of any common law or statutory rule which might make evidence inadmissible over objection in civil or criminal action. The member of the medical staff for whom the hearing is being held shall, prior to, or during the hearing, be entitled to submit memoranda concerning any issues of procedure or of fact and such memoranda shall become a part of the hearing record.
- (6) The affected medical staff member shall have the following rights: to be represented by an attorney at law and to call and examine witnesses; to introduce evidence; to cross-examine any witnesses on any matter relevant to the issue of the hearing; and to challenge any witness and to rebut any evidence. If the medical staff member does not testify in his own behalf, he may be called and examined as if under cross examination.
- (7) The medical staff administrative committee may, without special notice, recess the hearing and reconvene the same for the convenience of the participants or for the purpose of obtaining new or additional evidence or consultation. Upon conclusion of the presentation of oral and written evidence, the hearing shall be closed. The committee may thereupon, at a time convenient to itself, conduct its deliberations outside the presence of the medical staff member for whom the hearing was convened.

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- (8) Within seven days after the conclusion of the taking of all evidence and of all hearings, the committee shall make a written report of its findings and decisions and shall forward the same together with the hearings record and all other documentation to the joint conference committee of the university hospitals board. The decision may recommend confirmation, modification, or rejection of the prior adverse decision and may impose more severe sanctions than were provided in the decision from which this request for hearing was made. The affected member of the medical staff shall be notified of the decision of the medical staff administrative committee by the medical director. In successive order, the decision and record of the medical staff administrative committee shall be reviewed by the joint conference committee and the university hospitals board, each of which shall have the authority to accept, reject, or modify the previous decision forwarded to them. The joint conference committee shall notify the affected medical staff member of its decision. When the hospitals board has made its decision, notice of that decision shall be sent certified return receipt mail to the affected medical staff member at his last known address as determined by university records.
- (E) Appeal to the president of the university.
- (1) Within fourteen days after receipt of a notice by an affected medical staff member of the action of the university hospitals board he may, by written notice to the president of the university, request an appellate review by the president of the university. Such appellate review shall only be held on the record on which the adverse decision is based, as appended by the medical staff member's statement provided for below.
- (2) If such review is not requested within said fourteen-day period, the affected medical staff member shall be deemed to have waived his right to the same, and to have accepted such adverse decision, and the same shall become effective immediately as provided for in paragraph (B) of this rule.
- (3) The review shall be conducted by the president of the university.
- (4) The affected medical staff member shall have access to the reports and records, including transcripts, if any, of the medical staff administrative committee and all other material, favorable or unfavorable, that has been considered by that committee; the joint conference committee; and the university hospitals board. He shall then submit a written factual statement in his own behalf in which those factual and procedural matters with which he disagrees, and his reasons for such disagreement, shall be specified. This written statement may cover any matters raised at any step in the procedure to which the appeal is related, and

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legal counsel may assist in its preparation. Such written statement shall be submitted to the president of the university at least seven days prior to the scheduled date for review.

- (5) New or additional matters not raised during the grievance committee hearing or in the medical staff administrative committee hearings shall only be introduced at the review by the president of the university at his sole discretion.
 - (6) The president of the university may affirm, modify or reject any prior decision, or at his discretion refer the matter back to the hospitals board for further review and recommendation within fourteen days. Such referral may include a request for further investigation. The president's decision shall be mailed certified return receipt mail to the affected medical staff member at his last known address as determined by university records.
- (F) Appeal to the board of trustees of the Ohio state university.
- (1) If the affected medical staff member wishes to appeal the final decision of the president of the university, he may within fourteen days after notification of the president's decision request the record of the proceedings of the medical staff administrative committee's hearing be forwarded to the board of trustees of the Ohio state university. Failure to appeal within fourteen days shall make the president's decision final. The board, in its discretion, may accept, reject, or modify the decision of the president. It may request the record of proceedings of the medical staff administrative committee as well as any information considered by the president of the university in order to take specific action relating to the matter under review.
 - (2) The secretary of the board of trustees of the Ohio state university shall notify the medical staff administrative committee, the university hospitals board and the president of the university of the action taken by the board of trustees of the Ohio state university. Subsequent to this notification, the secretary of the board of trustees of the Ohio state university shall notify the affected medical staff member of the final action taken on his appeal.

3335-43-07 Divisions of the medical staff.

The medical staff of the Ohio state university hospitals shall be divided into honorary, attending, courtesy, and limited designations.

(A) Honorary staff.

- (1) The honorary staff will be composed of those individuals recognized for outstanding reputation, notable scientific and professional contributions, and high professional stature. They shall enjoy all

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privileges and responsibilities of attending staff appointments except the right to vote and hold elected office in the medical staff organization.

- (2) Honorary staff members are exempt from the requirement for attendance at staff meetings.

(B) Attending staff.

(1) Qualifications:

The attending staff shall consist of those faculty members of the colleges of medicine and dentistry to whom clinical teaching responsibilities are assigned in the university hospitals and who satisfy the requirements and qualifications set forth in rule 3335-43-04 of the Administrative Code. The assignment of teaching responsibility is the prerogative of the chief of the clinical department or his designee.

(2) Prerogatives:

An attending staff member may:

- (a) Admit patients consistent with the balanced teaching and patient care responsibilities of the institution. When, in the judgment of the chief of the clinical department, a balanced teaching program is jeopardized, following consultation with the dean and the university hospitals' executive director, and with the concurrence of a majority of the medical staff administrative committee, he may restrict admissions. Imposition of such restrictions shall not entitle the attending staff member to the procedures of paragraph (F) of rule 3335-43-04 of the Administrative Code and rule 3335-43-05 of the Administrative Code.
- (b) Be free to exercise such clinical privileges as are granted in this rule.
- (c) Vote on all matters presented at general and special meetings of the medical staff and of the department and committees of which he is a member unless otherwise provided by resolution of the staff, department, or committee and approved by the medical staff administrative committee.
- (d) Hold office in the staff organization and in the department and committees of which he is a member, unless otherwise provided by resolution of the staff, department, or committee and approved by the medical staff administrative committee.

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(3) Responsibilities:

An attending staff member shall:

- (a) Meet the basic responsibilities set forth in rules 3335-43-02 and 3335-43-03 of the Administrative Code.
- (b) Retain responsibility within his area of professional competence for the continuous care and supervision of each patient in the hospitals for whom he is providing care, or arrange a suitable alternative for such care and supervision.
- (c) Actively participate in such quality evaluation and monitoring activities as required by the staff, and discharge such staff functions as may be required from time to time.
- (d) Satisfy the requirements set forth in rule 3335-43-11 of the Administrative Code for attendance at staff and departmental meetings and meetings of those committees of which he is a member.

(C) Courtesy staff.

(1) Qualifications:

The courtesy staff shall consist of those faculty members of the colleges of medicine and dentistry who do not qualify for attending staff appointment.

(2) Prerogatives:

The courtesy staff may:

- (a) Admit patients which complement the clinical teaching program. At times when hospital beds or other resources are in short supply, patient admissions of courtesy staff shall be subordinate to those of attending staff.
- (b) Exercise such clinical privileges as are granted in paragraph (E) of this rule.
- (c) Attend meetings as a nonvoting member of the medical staff and the department of which he is a member and any medical staff or hospitals education programs. He may not hold elected office in the medical staff organization.

(3) Responsibilities:

Each member of the courtesy staff shall be required to discharge the basic responsibilities specified in paragraph (B)(3) of this rule

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and, further, shall retain responsibility within his area of professional competence for the care and supervision of each patient in the hospital for whom he is providing services, or arrange a suitable alternative for such care and supervision.

(D) Limited medical staff.

(1) Qualifications:

The limited staff shall consist of doctors of medicine, osteopathic medicine, and dental surgery who are appointed in good standing in post doctoral educational programs established and supervised by the clinical department or division chiefs.

(2) Responsibilities:

The limited staff shall:

- (a) Participate fully in the teaching programs of the department in which they are appointed.
- (b) Not admit patients, but participate, under supervision, in the care of all patients to whom they are assigned. They shall follow all rules and regulations of the service to which they are assigned, as well as the general rules of the hospital pertaining to limited staff, including, but not limited to this requirement: consultation shall be obtained with the attending, courtesy, or honorary member of the medical staff responsible for the care of that patient before undertaking a procedure or treatment that carries a significant risk to the patient unless this consultation would cause a delay that would jeopardize the life or health of the patient.
- (c) Serve as full members of various hospital committees to which they are assigned. They are not eligible to vote or hold elected office in the medical staff organization.
- (d) Satisfy the expectations of the program director of the post doctoral education program to which they are appointed.

(E) Clinical privileges.

(1) Restrictions:

- (a) Every person practicing at university hospitals by virtue of medical staff membership or otherwise shall, in connection with such practice, be entitled to exercise those clinical privileges specifically granted to him by the clinical department of which he is a member. The process of delineating privileges shall be the responsibility of the clinical division chief with the approval of the chief of the

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clinical department if there is no clinical division and shall be on file with the medical director. A medical staff member may contest the specific privileges granted to him under rule 3335-43-04 of the Administrative Code.

- (b) The evaluation of every initial application for clinical privileges shall be based upon the applicant's education, training, experience, demonstrated competence, references and other relevant information, including an appraisal by the clinical division chief of the division in which such privileges are sought. The applicant shall have the burden of establishing his qualifications and competence in the clinical privileges and the recommendation for increase or reduction of same shall be the responsibility of each clinical division chief or clinical department chief.

(2) Special privileges:

Under special circumstances privileges at the university hospitals may be granted to a doctor of medicine, osteopathic medicine, dental surgery, and to a practitioner of podiatry by the clinical department chief or his designee in concurrence with the medical director. The extent of privileges will be governed by the applicant's training and experience and will be in keeping with clinical department guidelines.

(3) Podiatric privileges:

- (a) All patients admitted for podiatric care shall receive the same medical appraisal as all other hospitalized patients. A member of the medical staff who is a doctor of medicine or osteopathic medicine shall admit the patient and be responsible for the history and physical and medical care that may be required at the time of admission or that may arise during hospitalization, and shall determine the need of any proposed procedure on the total health status of the patient. The podiatrist will be responsible for the podiatric care of the patient including the podiatric history and physical examination and all appropriate elements of the patient's record. Any proposed procedures by the podiatrist must be approved by, and be under the direct supervision of, an active member of the medical staff who is a doctor of medicine or osteopathic medicine.
- (b) The podiatrist will be responsible to the chairperson of the department of surgery.

(4) Associates to the medical staff privileges:

Other health care professionals who are duly licensed in the state of Ohio and who are members of the faculty of the Ohio state university college of medicine may be granted clinical privileges

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to provide specified patient care services under the supervision or direction of a physician member of the medical staff. Such professionals must apply for privileges in the same manner as provided in rule 3335-43-04 of the Administrative Code and this rule for medical staff membership and clinical privileges. Each person granted privileges must be assigned to a clinical department appropriate to his professional training and will be responsible to the chief of the clinical department for his activities. The medical staff administrative committee may establish particular qualifications required of members of a specific health care profession, provided that such qualifications are not founded on arbitrary or discriminatory basis and are in conformance with applicable law. No other section of the medical staff bylaws, including the appeals mechanism, applies to these individuals.

3335-43-08 Organization of medical staff of the Ohio state university hospitals into clinical departments and divisions.

- (A) Each member of the attending, courtesy, limited, and honorary staff shall be assigned to a clinical department or division upon the recommendation of the chief of the clinical department concerned.
- (B) Names of clinical departments and divisions
 - (1) Anesthesiology
 - (2) Family Medicine
 - (3) Medicine. The following divisions are designated:
 - General Medicine
 - Cardiology
 - Infectious Diseases
 - Dermatology
 - Endocrinology and Metabolism
 - Gastroenterology
 - Hematology and Oncology
 - Neurology
 - Pulmonary
 - Renal
 - Rheumatology-Immunology
 - (4) Obstetrics and Gynecology. The following divisions are designated:
 - General Obstetrics and Gynecology
 - Maternal-Fetal Medicine
 - Gynecologic Oncology
 - Endocrinology-Infertility
 - (5) Ophthalmology

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- (6) Otorhinolaryngology
- (7) Pathology
- (8) Pediatrics. The following divisions are designated:
 - Ambulatory Pediatrics
 - Adolescent Medicine
 - Allergy
 - Cardiology
 - Endocrinology/Metabolism
 - Gastroenterology
 - General Pediatrics
 - Genetics
 - Handicapped Child
 - Hematology/Oncology
 - Neonatology
 - Nephrology
 - Neurology
 - Nutrition
 - Pediatric Education/Research and Evaluation
 - Pharmacology/Toxicology
 - Psychology
 - Pulmonary
- (9) Physical Medicine and Rehabilitation
- (10) Preventive Medicine. The following divisions are designated:
 - Preventive Medicine
 - Emergency Medicine
- (11) Psychiatry. The following divisions are designated:
 - General Psychiatry
 - Child Psychiatry
 - Sleep Disorders Medicine
- (12) Radiology. The following divisions are designated:
 - Diagnostic Radiology
 - Nuclear Medicine
 - Radiation Oncology
- (13) Surgery. The following divisions are designated:
 - General Surgery
 - Neurologic Surgery
 - Orthopedic Surgery
 - Pediatric Surgery
 - Plastic Surgery
 - Surgical Oncology

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Thoracic and Cardiovascular Surgery
Urologic Surgery

(14) Dentistry. The following divisions are designated:

General Dentistry
Oral Surgery

(C) The chairmen of the departments in the colleges of medicine and dentistry or their designees will be chiefs of the respective departments in the university hospitals. The chiefs of the divisions in the hospitals will be appointed by the chiefs of the departments in the hospitals in which the divisions are included. Clinical divisions may be added or deleted upon the recommendation of the department chief with the concurrence of a majority of the medical staff administrative committee.

3335-43-09 Elected officers of the medical staff of the Ohio state university hospitals.

(A) Chief of staff.

The chief of staff shall:

- (1) Serve on those committees of the Ohio state university hospitals board as appointed by the chairperson of that board.
- (2) Serve as vice chairperson of the medical staff administrative committee.
- (3) Provide for communication between the medical staff and the hospitals board in matters of quality of care, education, and research.
- (4) Serve as liaison between university hospitals administration, medical administration, and the medical staff in all matters of mutual concern within the hospitals.
- (5) Call, preside, and be responsible for the agenda of all general staff meetings.
- (6) Make medical staff committee appointments jointly with the medical director and chief of staff-elect for approval by the deans and hospitals board, with the exception of the medical staff administrative committee.
- (7) Be spokesman for the medical staff in its external professional and public relations.
- (8) Be representative to the council of the academy of medicine of Columbus and Franklin county, or select a representative to serve on the council.

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(B) Chief of staff-elect.

The chief of staff-elect shall:

- (1) Serve on those committees of the Ohio state university hospitals board as appointed by the chairman of the board.
- (2) Serve as chairperson of the nominating committee of the medical staff.
- (3) Carry out all the duties of the chief of staff when the chief of staff is unable to do so.
- (4) Keep records of all meetings of the medical staff and oversee the inclusion of changes in the bylaws, rules and regulations of the medical staff.

(C) Representatives of the medical staff elected at-large.

- (1) There shall be three medical staff representatives elected at-large. Each will be a member of the medical staff administrative committee and will serve on those committees of the Ohio state university hospitals board as appointed by the chairperson of the board.
- (2) Each will have responsibility for a group of medical staff committees, as defined in the rules and regulations.

(D) Qualifications of officers.

- (1) Officers must be members of the attending staff at the time of their nomination and election and must remain members in good standing during their term of office. Failure to maintain such status shall immediately create a vacancy in the office involved.
- (2) The medical director, associate medical directors, assistant medical directors and chiefs of the clinical departments are not eligible to serve as chief of staff or chief of staff-elect unless they are replaced in their hospitals administrative role during the period of their term of office.

(E) Election of officers.

- (1) All officers (other than at-large officers) will be elected by a majority of those voting by written ballot of the attending staff after the annual meeting of the medical staff in June.
- (2) The nominating committee will be composed of five members. The chief of staff and the chief of staff-elect will serve on the committee and the chief of staff-elect will be its chairperson. The

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three other members of the committee will be nominated from the floor and elected, by a plurality upon written ballot, following the quarterly meeting of the medical staff in September.

- (3) The committee's nominees will be submitted in writing to all voting members of the attending staff no later than the fifteenth of May.
 - (4) Nominations for officers will be accepted from the floor at the June meeting.
 - (5) Candidates for the office of chief of staff-elect will be listed and each attending staff member may vote for one. Candidates for the at-large positions will be voted upon as a group. Each voting member of the attending staff may vote for three at-large candidates. The three candidates with the highest number of votes will be elected. A majority of the votes is not necessary.
 - (6) An officer may be removed from the elected position by a majority vote upon written ballot of the attending staff following a regularly scheduled quarterly meeting.
- (F) Term of office.
- (1) The chief of staff and chief of staff-elect will each serve two years in office beginning on the first of July. The chief of staff-elect will be elected in the odd years. The chief of staff may not be elected chief of staff-elect within one year of the end of his term in office.
 - (2) The at-large representatives will each serve two years, beginning on the first of July. They may succeed themselves for three successive terms (six years). They may not continue longer without a period of two years out of office. They may be elected chief of staff-elect at any time.
- (G) Vacancies in office.
- (1) Vacancies in the office of chief of staff during his term will be automatically succeeded and performed by the chief of staff-elect. When the unexpired term is one year or less, the new chief of staff will continue in office until the completion of his expected term in that office. When the unexpired term is more than one year, the new chief of staff will serve until the end of the term of the chief of staff he replaced.
 - (2) Vacancies in the office of chief of staff-elect will be filled by a special election held within sixty days of establishing the vacancy. The nominating committee will make nominations and a special meeting of the attending staff will be called to add nominations and elect the replacement. The new chief of staff-elect will become chief of staff at the end of the term of the incumbent.

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- (3) Vacancies in the at-large representatives positions will be filled by appointment by the chief of staff.

3335-43-10 Administration of the medical staff of the Ohio state university hospitals.

Medical Staff Committees.

- (A) Appointments: Appointments to all medical staff committees except the medical staff administrative committee and the nominating committee will be made jointly by the chief of staff, chief of staff-elect, and the medical director with consultation with the executive director of the hospitals and approved by the dean of the college of medicine and the university hospitals board.
- (B) Medical staff administrative committee:
- (1) Composition
- (a) Chief of staff, chief of staff-elect, chiefs of the clinical departments, three medical attending staff representatives elected at large, the medical director, and the executive director of the hospitals. The medical director will be the chairman and the chief of staff will be vice-chairman.
- (b) Any member of the committee who anticipates absence from a meeting of the committee may appoint a temporary substitute to represent him at the meeting. The temporary substitute will have all the rights of the absent member. The executive director may invite any member of his staff to represent him at a meeting or to attend any meeting with him.
- (2) Duties.
- (a) To represent and to act on behalf of the medical staff, subject to such limitations as may be imposed by these bylaws, by the bylaws of the Ohio state university hospitals board, the bylaws or rules of the board of trustees of the Ohio state university.
- (b) To receive and act upon commission and committee reports. To delegate appropriate staff business to committees while retaining the right of executive responsibility and authority over all medical staff committees.
- (c) To implement policies of the medical staff.
- (d) To provide a liaison between the medical staff, medical director, executive director, and the university hospitals board.

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- (e) To recommend action to the medical director and executive director of university hospitals on matters of medico-administrative nature.
 - (f) To fulfill the medical staff's accountability to the university hospitals board and the board of trustees of the Ohio state university for medical care rendered to patients in the university hospitals.
 - (g) To ensure the medical staff is kept abreast of the accreditation process and informed of the accreditation status of the university hospitals.
 - (h) To review and act on medical staff appointments and reappointments.
 - (i) To report to the medical staff all actions affecting the medical staff.
 - (j) To inform the medical staff of all changes in committees, and the elimination of such committees as circumstances shall require.
 - (k) To appoint committees to meet the needs of the medical staff and comply with the requirements of accrediting agencies.
 - (l) To establish and maintain rules and regulations governing the medical staff.
 - (m) To perform other functions as are appropriate.
- (3) Meetings. The committee shall meet monthly and keep detailed minutes which shall be distributed to each committee member and to the university hospitals board through the joint conference committee.

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 attending 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 attending staff membership.

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3335-43-12 Amendments.

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 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.

3335-43-13 Adoption.

- (A) These bylaws shall be adopted by the medical staff administrative committee and forwarded for approval in the same fashion as provided in rule 3335-43-12 of the Administrative Code.
- (B) Upon adoption by the Ohio state university board of trustees of these bylaws, the bylaws shall replace any previous bylaws, rules and regulations of the medical staff of the Ohio state university hospitals.

3335-43-14 Rules of construction.

- (A) "Shall" as used herein is to be construed as mandatory.
- (B) Use of the masculine gender in the text of these bylaws is not intended to connote any sexually discriminative intent. These bylaws should be construed to be sexually neutral.

APPENDICES

APPENDIX I. COAT OF ARMS OF THE OHIO STATE UNIVERSITY HOSPITALS

The official coat of arms of The Ohio State University Hospitals shall be as follows:

The blazon of the arms of University Hospitals is a shield, 16th century style, on a field of gray surrounded by an "O" in scarlet with the words, "The Ohio State University Hospitals" in black.

The shield is embattled above the chief, with three azure towers. The shield is divided "fesse cotised," through the "fesse point" by three bars, "gemels of or" (gold), separated each by bars, "gemels of argent" (silver). The chief is "gules" (scarlet), impaled by a charge, "The Ohio State University Crest". The "O" is argent, the center is

February 1, 1985 meeting, Board of Trustees

BYLAWS OF THE MEDICAL STAFF
THE OHIO STATE UNIVERSITY HOSPITALS (contd)

gules, impaled by a charge with the "or" book of knowledge, and the base of the "O" is impaled by a charge of a "buckeye leaf vert" (green).

The base is quartered per pale.

The dexter base is vertical with a charge, the staff of Aesculapius.

The sinistra base is azure with a charge, the Hospitalier's cross, gules.

The scroll contains the Latin motto: "Hospitale-Academia-
Investigatus."

The use of the coat of arms of The Ohio State University Hospitals will be by all who are connected with University Hospitals.

APPENDIX II. COAT OF ARMS OF THE MEDICAL STAFF OF THE OHIO STATE UNIVERSITY HOSPITALS.

The official coat of arms of the medical staff of The Ohio State University Hospitals shall be as follows: The shield on vertical narrow stripes, alternating silver and white, is square, parted per green (medicine) chevron. The dexter chief contains the golden oak leaf surmounted by the silver acorn representing the practice of medicine; the sinistra chief contains the multiple atomis circles representing research; the center base contains the golden book of knowledge encircled by the gray "O" from the crest of The Ohio State University and represents the teaching obligation of our staff. The scroll is gold, with the black lettering of the motto, "Eruditio A Scientia Exornata Miliorem Valetudinem Mortalibus Praestat" (knowledge enhanced by science assures better health for mankind).

Encircling the achievement are the words, "The Medical Staff" joined by a green buckeye leaf (symbol of the State of Ohio) to the words, "The Ohio State University Hospitals." Impaled in this "coat of arms" are the heritage of the State of Ohio and The Ohio State University with the obligation of teaching and research to provide and improve medical care. The use of this coat of arms of the medical staff shall be limited to duly appointed members of the medical staff and the staff organization.

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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HONORARY DEGREES

Resolution No. 85-72

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

February 1, 1985 meeting, Board of Trustees

HONORARY DEGREES (contd)

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:

Edwin D. Dodd	Doctor of Business Management
Ragnhild M. Hatton	Doctor of Humane Letters

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.

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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PERSONNEL ACTIONS

Resolution No. 85-73

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the December 14, 1984 meeting of the Board, including the following Changes in Title, Appointment, Appointment of Chairperson of Department, Medical Staff--Appointments, Medical Staff--Reappointment, Leaves of Absence Without Salary, Leave of Absence Without Salary--Extension, and Emeritus Titles as detailed in the University Budget be approved.

Changes in Title

Name:	C. GREY AUSTIN
Title:	Ombudsman
Office:	Office of the President
Effective:	March 1, 1985
Salary:	\$52,520.00
Present Position:	Assistant Dean, Colleges of The Arts and Sciences
Name:	JOHN O. RIEDL, JR.
Title:	Acting Dean
College:	Mathematical and Physical Sciences
Effective:	February 1, 1985
Salary:	\$64,440.00
Present Position:	Associate Dean, College of Mathematical and Physical Sciences

February 1, 1985 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointment

Name: MICHAEL H. COVERT
Title: Executive Director of University Hospitals and
Assistant Vice President for Health Services
Offices: University Hospitals and Health Services
Effective: May 1, 1985
Salary: \$90,000.00
Present Position: Executive Vice President and Chief Operating
Officer, St. Francis Regional Medical Center,
Wichita, Kansas

Appointment of Chairperson of Department

May 15, 1985 through June 30, 1989

Horticulture

Robert A. Kennedy

Medical Staff--Appointments

Effective July 1, 1984

Curtis R. Liu, M.D.
Attending Staff in Pathology; Instructor

Effective September 1, 1984

Barry G. Segal, M.B., BCh.
Limited Staff in Family Medicine

Effective November 1, 1984

Robert B. Chambers, D.O.
Limited Staff in Ophthalmology; Clinical Instructor HS

Daniel E. Ruiz, M.D.
Courtesy Staff in Medicine - Infectious Diseases; Clinical Assistant
Professor

Effective January 1, 1985

Kathleen E. Stern, M.D.
Courtesy Staff in General Psychiatry; Instructor

Medical Staff--Reappointment

Effective November 1, 1984

Adelaide Sauers, M.D.
Courtesy Staff in Pediatrics

February 1, 1985 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary

JAMES R. BARTHOLOMEW, Associate Professor, Department of History, effective Winter Quarter 1985, to complete book project.

EDWARD W. WOLNER, Assistant Professor, Department of Architecture, effective Spring Quarter and Autumn Quarter 1985, to pursue research and publication interests.

Leave of Absence Without Salary--Extension

NIKKI L. CONKLIN, Instructor, Cooperative Extension Service, extension effective December 21, 1984 through January 6, 1985, for personal reasons.

Emeritus Titles

W. KEITH WEARLY, College of Veterinary Medicine - Administration, with the title Assistant Dean and Professor Emeritus, effective February 1, 1985.

PAUL C. CLAYTON, Department of Poultry Science, with the title Professor Emeritus, effective January 1, 1985.

F. JOE CROSSWHITE, Department of Educational Theory and Practice, with the title Professor Emeritus, effective February 1, 1985.

CHRISTIE J. GEANKOPLIS, Department of Chemical Engineering, with the title Professor Emeritus, effective January 1, 1985.

MARIAN F. CHASE, School of Allied Medical Professions, with the title Associate Professor Emeritus, effective January 1, 1985.

MARGARET I. KOSTE, Department of Educational Theory and Practice, with the title Associate Professor Emeritus, effective February 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. 85-74

Synopsis: Resolutions honoring the service of one former member of the Board of Trustees and one of the University's faculty members who have recently died are being proposed.

February 1, 1985 meeting, Board of Trustees

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.

John H. Dunlap, Jr.

The Board of Trustees of The Ohio State University expresses its deep sorrow upon the death on January 22, 1985, of John H. Dunlap, Jr., a former member of this Board.

John H. Dunlap, Jr., was appointed a trustee of The Ohio State University, effective May 14, 1968, by Governor James A. Rhodes, for a term ending in 1977. He served as chairman of the trustees for 1975-76 and also as chairman of the Board of Control of The Ohio Agricultural Research and Development Center at Wooster. He was vice chairman of both boards in 1972-73 and 1974-75 and also served as director of Ohio State's Research Foundation.

A native of Williamsport, Ohio, Mr. Dunlap was a 1928 graduate of The Ohio State University Colleges of the Arts and Sciences. As an undergraduate he was a member of the Scarlet Mask, treasurer of the senior class, treasurer of the former Student Senate, president of Kappa Sigma social fraternity, and member of the Athletic Board.

Members of Mr. Dunlap's family have been farmers in the Scioto Valley for more than seven generations, the original Dunlap having settled north of Chillicothe in 1791. Carrying on with this tradition, Mr. Dunlap farmed all of his life and owned or managed 31 farms totaling over 13,000 acres. In addition, he owned a contracting company which specialized in soil conservation, building lakes, ponds, levees, terraces and ditches. Through this contracting company he built over 100 conservation lakes and ponds.

Mr. Dunlap had an ongoing involvement and a firm friendship with the University for more than 60 years. His contributions to The Ohio State University as a trustee are legendary. Mr. Dunlap was thoughtful, caring, decisive and he always attempted to do those things he judged to be in the best interests of his alma mater. In a truly remarkable sense, Mr. Dunlap was a special person and everyone who came in contact with him recognized his unique humanity and profound character. He touched the lives of many individuals in ways that few others could or would and by deed and actions he demonstrated in a rare and sustained way his commitment to excellence and human progress.

Mr. Dunlap was a nationally recognized agricultural leader and served on many advisory boards and commissions related to agriculture and natural resources, but more importantly he was a friend and staunch supporter of his alma mater.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family and The Ohio State University have sustained.

February 1, 1985 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Fred E. Jones

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 10, 1984, of Fred Emerson Jones, Director Emeritus in the Office of Business and Finance - Stores and Receiving.

Mr. Jones was born August 30, 1880, in Cardington, Ohio. He graduated from The Ohio State University's Pharmacy program in 1908 and at the time of his death was the oldest living graduate of the College of Pharmacy.

Mr. Jones began his employment with the University in 1908 as a storekeeper in the chemical storeroom. In 1921 he became the Director of Stores and Receiving and over the course of his career was instrumental in the modernization and development of the Stores and Receiving Department. He served as Director for 30 years and retired as Director Emeritus in 1951.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Jones 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. 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. 85-75

Synopsis: The reports on contracts, grants, and gifts and the summaries for November and December 1984 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 1984 be approved.

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

February 1, 1985 meeting, Board of Trustees

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

SUMMARY FOR NOVEMBER 1984

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	71	\$4,388,786.45
Engineering Experiment Station	21	\$ 552,011.00
		\$4,940,797.45

The Ohio State University Development Fund

Establishment of Named Funds

Diane M. Cummins Scholarship Fund (Scholarship - Department of Judaic and Near Eastern Languages and Literatures)	\$	5,000.00
The David P. Prior Scholarship Fund (Scholarships - College of Engineering)	\$	5,000.00

Change of Name and Description of Named Fund

From: The James and Stella Lee Scholarship
Fund for National Merit Students

To: The James and Stella Lee Scholarship Fund

Report from Presidents Club

Members to date	4,691
1984-85 members: fiscal year to date	30
New members - November 1984	12

New Presidents Club Members - November 1984

Julie Block Barkan	Metro Industries, Inc.
Jeff D. Block	(Dean T. Jelett)
Maxine B. Block	Charles H. Jones
Ruth Curran	Patricia A. Kimberling
(Mrs. William)	David E. Morgan, M.D.
Jeffrey W. Grimm	Thomas O'Dorisio
John Guzdanski	Jack W. Smith, M.D.

February 1, 1985 meeting, Board of Trustees

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

SUMMARY FOR DECEMBER 1984

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	65	\$11,552,164.57
Engineering Experiment Station	42	\$ 787,165.00
		\$12,339,329.57

The Ohio State University Development Fund

Establishment of Named Funds

OSU Cancer Research Institute Endowment Fund (Cancer research)	\$	50,000.00
The Demkee Athletic Scholarship Fund (Scholarship)	\$	5,000.00

Change of Name and Description of Named Fund

From: The Dr. Donald E. Demkee Wayne-Holmes
County Scholarship Fund

To: The Demkee Wayne-Holmes County
Scholarship Fund

Report from Presidents Club

Members to date	4,698
1984-85 members: fiscal year to date	37
New members - December 1984	7

New Presidents Club Members - December 1984

Bernard S. Abrams	Micro Manufacturing Systems
Bohm, NBBJ, Inc.	(Larry J. Fox)
(Friedrich K. M. Bohm)	Eli E. Rose
John R. Madison	Anthony Tuccillo
	Thomas C. Wertheimer

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (cont'd)

July through December
1983-84 compared to 1984-85

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

CONTRIBUTIONS BY DONOR TYPE

	Donors			Dollars		
	July through 83-84	December 84-85	% Change	July through 83-84	December 84-85	% Change
Alumni	31,351	32,477	4	\$ 4,055,977	\$ 5,078,321	24
Non-Alumni	15,184	19,721	30	4,510,147	2,598,135	(42)
Corporations	1,060	1,109	5	2,897,340	4,500,849	55
Corporate Foundations	200	195	(3)	1,070,117	1,099,415	3
Private Foundations	89	77	(13)	700,556	754,405	8
Other	533	396	(26)	581,334	791,349	36
Total	48,417	53,975	11	\$13,815,471	\$14,822,474	7

NOTE: The balancing of computer statistics with deposit totals is not complete, therefore, the above figures are preliminary. However, final figures would not vary significantly from those above.

February 1, 1985 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - November 1984

Federal Research Contracts/Grants

\$499,979.00 - 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 1984 through 15 January 1985. (Project 764306 - Continuation)

\$370,975.00 - National Science Foundation, Washington, DC, A Numerical Problem Solving Approach to Variables and Functions in Pre-Algebra for Grades 7 and 8, Department of Mathematics (J. R. Leitzel, F. D. Demana and J. R. Leitzel) and Department of Educational Theory and Practice (A. R. Osborne and F. J. Crosswhite), 15 October 1984 through 31 October 1987. (Project 764453 - New)

\$180,196.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Study of Biologically Active Microbial Metabolites, Department of Chemistry (H. G. Floss), 1 December 1984 through 30 November 1985. (Project 763393 - Continuation)

\$169,267.00 - Department of the Army, U. S. Army Medical Research and Development Command, Frederick, MD, Prophylactics and Antidotes against Acetylcholinesterase Inhibition by Nerve Gases, College of Pharmacy (D. T. Witiak), 1 December 1984 through 30 November 1985. (Project 764143 - Continuation)

\$151,625.00 - 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 1984 through 30 November 1985. (Project 760025 - Continuation)

\$150,704.00 - Department of Health and Human Services, Public Health Service, National Institute of Arthritis, Diabetes, Digestive and Kidney Diseases, Bethesda, MD, In Situ T Cell Function in Rejecting Allografts, Department of Surgery (C. Grosz), 1 December 1984 through 30 November 1985. (Project 764493 - New)

\$150,000.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, OH, Optical Scattering Studies, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 1 January 1985 through 31 July 1985. (Project 764396 - Continuation)

February 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)

\$125,894.00 - 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 1984 through 30 November 1985. (Project 762967 - Continuation)

\$113,613.00 - 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 1984 through 30 November 1985. (Project 763879 - Continuation)

\$112,951.00 - 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 1984 through 30 November 1985. (Project 763912 - Continuation)

\$108,595.00 - 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, Departments of Chemistry and Biochemistry and the Chemical Instrumentation Center (A. G. Marshall), 1 January 1985 through 31 December 1985. (Project 762523 - Continuation)

\$105,090.00 - Department of the Air Force, Electronic Systems Division, Hanscom Air Force Base, MA, Application of Full Wave Solutions to High Frequency (HF) Heating and Generation of Irregularities in the F-Region of the Ionosphere, Department of Electrical Engineering (T. A. Seliga), 1 October 1984 through 30 September 1985. (Project 763439 - Continuation)

\$100,968.00 - 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), 15 September 1984 through 30 September 1986. (Project 764460 - New)

\$94,435.00 - 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 1984 through 30 November 1985. (Project 761501 - Continuation)

February 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)

\$84,383.00 - National Science Foundation, Washington, DC, Curatorial Assistance for the Borror Laboratory of Bioacoustics, Department of Zoology (L. Fairchild), 15 October 1984 through 14 October 1986. (Project 764469 - New)

\$77,210.00 - National Science Foundation, Washington, DC, Stereochemistry of Reactions at Prochiral and Propochiral Centers -A¹³C, Deuterium Double Labeling Approach, Department of Chemistry (H. G. Floss), 1 December 1984 through 30 November 1985. (Project 764490 - New)

\$77,000.00 - National Science Foundation, Washington, DC, The Structure of Accretion Disks in Close Binary Systems, Department of Astronomy (R. H. Kaitchuck), 1 December 1984 through 30 November 1986. (Project 764484 - New)

\$74,958.00 - Department of Energy, Argonne, IL, Influence of Nitrogen on the Sensitization, Corrosion, Mechanical and Microstructural Properties of Austenitic Stainless Steels, Department of Metallurgical Engineering (W. A. Clark, B. E. Wilde and S. Pednekar), 15 November 1984 through 14 November 1985. (Project 762818 - Continuation)

\$72,300.00 - National Science Foundation, Washington, DC, Kinetics and Spectroscopy of Carbenes and Biradicals, Department of Chemistry (M. S. Platz), 1 December 1984 through 30 November 1985. (Project 763341 - Continuation)

\$71,973.00 - National Science Foundation, Washington, DC, Investigation of Comagmatic Complexes Using Isotope Systematics, Department of Geology and Mineralogy (K. A. Foland), 15 October 1984 through 31 October 1985. (Project 764458 - Continuation)

\$69,134.00 - 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 October 1984 through 30 September 1985. (Project 763319 - Continuation)

\$65,000.00 - National Science Foundation, Washington, DC, The Role of Calcium in Root Growth and Gravitropism, Department of Botany (M. L. Evans), 1 September 1984 through 31 August 1985. (Project 763770 - Continuation)

\$60,000.00 - National Science Foundation, Washington, DC, Microcracking in Two Phase Ceramics, Department of Ceramic Engineering (K. T. Faber), 14 November 1984 through 31 October 1985. (Project 763875 - Continuation)

February 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)

\$58,898.00 - 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 1984 through 30 November 1985. (Project 763904 - Continuation)

\$50,296.00 - Department of the Army, U. S. Army Medical Research and Development Command, Frederick, MD, Lipopolysaccharide Antigens of *Pseudomonas aeruginosa*, Department of Chemistry (D. Horton), 5 November 1984 through 15 February 1986. (Project 764356 - Continuation)

\$50,000.00 - National Science Foundation, Washington, DC, Ultrastructure of Paleozoic and Mesozoic Pollen and Spores, Department of Botany (T. N. Taylor), 15 October 1984 through 14 October 1985. (Project 764471 - New)

\$40,000.00 - Department of Transportation, Urban Mass Transportation Administration, Washington, DC, Development and Conduct of Train-the-Trainer Workshops, The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1984 through 31 May 1985. (Project 764477 - New)

\$34,540.00 - 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 1984 through 30 November 1985. (Project 764428 - New)

\$31,500.00 - Department of Agriculture, Washington, DC, Developing Interregional Trade with the Caribbean: The Impact of Macro Economic Policies, Department of Agricultural Economics and Rural Sociology - OARDC and Department of Agricultural Economics and Rural Sociology (N. Rask) and Department of Agricultural Economics and Rural Sociology (D. H. Graham), 15 November 1984 through 30 September 1985. (Project 764478 - New)

\$30,000.00 - Department of Commerce, National Bureau of Standards, Washington, DC, Mathematical Treatments of Material Cracks Using Continuum Elastic and Lattice Green's Functions, Department of Metallurgical Engineering (R. H. Wagoner), 1 November 1984 through 31 October 1985. (Project 764492 - New)

\$27,650.00 - Department of the Navy, Office of Naval Research, Arlington, VA, The Vertical and Temporal Structure of Suspended Particle Distribution at the HEBBLE Site, Department of Civil Engineering (K. W. Bedford), 31 December 1984 through 30 September 1985. (Project 763271 - Continuation)

February 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)

\$16,756.00 - 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 1984 through 31 October 1985. (Project 764465 - New)

\$15,177.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Steric Course of Nucleic Acid Methylation by Carcinogens, Department of Chemistry (H. G. Floss and T. M. Zydowsky), 23 November 1984 through 22 August 1985. (Project 763317 - Continuation)

\$12,500.00 - Department of the Army, Army Research Office, Research Triangle Park, NC, International Symposium on Molecular Spectroscopy, Department of Physics (K. N. Rao), 1 November 1984 through 31 October 1985. (Project 763344 - Continuation)

\$10,440.00 - 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 1984 through 30 September 1986. (Project 764461 - New)

\$3,702.00 - National Science Foundation, Washington, DC, Studies of Anatomically Preserved Plants from Antarctica: Glossopteris, Gangamopteris and Dicroidium Foliage, Department of Botany (T. N. Taylor), 15 November 1984 through 14 November 1986. (Project 764489 - New)

\$0 - National Science Foundation, Washington, DC, Development and Applications of Fully Symmetry-Adapted Electronic Structure Programs, Department of Chemistry (R. M. Pitzer), 9 November 1984 through 31 December 1984. (Project 763922 - Continuation)

\$0 - National Science Foundation, Washington, DC, Unitary Group Methods for the Electron Correlation Problem, Department of Chemistry (I. Shavitt), 9 November 1984 through 28 February 1985. (Project 763437 - Continuation)

TOTAL - FEDERAL AWARDS

\$3,467,709.00

State of Ohio Research Contracts/Grants

\$127,857.00 - State of Ohio, Board of Regents, Columbus, OH, Area Health Education Center (Health Services Education), College of Medicine - Administration (G. L. Trzebiatowski), 1 October 1984 through 30 September 1985. (Project 764466 - Continuation)

February 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)

\$56,704.00 - State of Ohio, Department of Mental Health, Columbus, OH, The Impact of a "Right to Refuse Medication" Policy, School of Public Administration (C. R. Huff), 15 November 1984 through 30 June 1985. (Project 764475 - New)

\$53,000.00 - State of Ohio, Department of Health, Columbus, OH, Outreach Education, Department of Pediatrics (L. Cordero), 1 October 1984 through 30 September 1985. (Project 764100 - Continuation)

\$17,886.00 - State of Ohio, Department of Mental Health, Columbus, OH, Neurobiological Variables, Affective Symptomatology, and Eating Disorders, Department of Psychiatry (A. B. Levy), 1 November 1984 through 30 June 1985. (Project 764454 - New)

\$6,100.00 - State of Ohio, Board of Regents, Columbus, OH, National Health Service Corps, College of Medicine - Administration (G. L. Trzebiatowski), 1 December 1983 through 30 September 1985. (Project 764457 - New)

TOTAL - STATE OF OHIO AWARDS

\$ 261,547.00

Industrial Research Contracts/Grants

\$106,259.00 - Price Waterhouse Company, Washington, DC, ARAMCO Maintenance Project, The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1984 through 31 December 1984. (Project 764459 - Continuation)

\$71,000.00 - Minnesota Mining and Manufacturing Company, St. Paul, MN, Green Colors from Nickel Complexes, Department of Chemistry (D. H. Busch), 1 December 1984 through 30 November 1986. (Project 764468 - New)

\$27,000.00 - United Technologies Corporation Research Center, East Hartford, CT, Engineering Kinetics of Coal Devolatilization, Department of Mechanical Engineering (R. H. Essenhigh), 1 November 1984 through 30 June 1985. (Project 764480 - New)

\$16,240.00 - Madison County Hospital, London, OH, Madison County Internship Project, Department of Educational Theory and Practice (J. J. Quaranta), 1 September 1984 through 31 August 1985. (Project 764494 - Continuation)

\$15,231.00 - Rockwell International, Los Angeles, CA, A Short Course on Electromagnetics, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters, Jr.), 1 July 1984 through 30 September 1984. (Project 764456 - New)

February 1, 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)

\$8,120.00 - Madison County Hospital, London, OH, Madison County Hospital Internship Project, Department of Educational Theory and Practice (J. J. Quaranta), 1 June 1984 through 30 June 1985. (Project 764171 - Continuation)

\$3,000.00 - Eli Lilly and Company, Greenfield, IN, Guanylate Metabolism in *Mycoplasma hypopneumoniae*, Department of Medical Microbiology and Immunology (J. D. Pollack), 1 November 1984 through 28 February 1985. (Project 764479 - New)

\$2,637.00 - Owens-Illinois, Inc., Columbus, OH, Video Program for Job Orientation, College of Education - Administration (J. J. Buffer), 15 June 1984 through 31 August 1984. (Project 764160 - Continuation)

\$1,780.00 - Smith Kline & French Laboratories, Philadelphia, PA, Dose Range Study of Triamterene in Patients Developing Hypokalemia during Hydrochlorothiazide Therapy, College of Pharmacy (J. A. Visconti) and Department of Family Medicine (P. J. Fahey), 1 November 1984 through 31 January 1985. (Project 763185 - Continuation)

\$390.45 - Sterile Systems, Inc., Logan, UT, Analysis of Prostaglandins in Serum, Department of Pharmacology (R. H. Fertel), 1 March 1983 through 30 June 1985. (Project 763485 - Continuation)

TOTAL - INDUSTRIAL AWARDS

\$ 251,657.45

Other Non-Federal Research Contracts/Grants

\$75,640.00 - University of Wisconsin-Madison, Madison, WI, World Bank/Indonesian IXth Education Project--Food Technology, Department of Food Science and Nutrition - OARDC and Department of Food Science and Nutrition (P. M. T. Hansen), 1 September 1983 through 19 May 1987. (Project 764491 - New)

\$64,000.00 - City of Columbus, Human Services Department, Columbus, OH, Area Commission Intern Program, Department of City and Regional Planning (S. I. Gordon), 1 October 1984 through 31 July 1985. (Project 764446 - Continuation)

\$63,735.00 - University Corporation for Atmospheric Research, Boulder, CO, Cooperative Radar Polarimetric Studies Utilizing the NCAR (National Center for Atmospheric Research) CP-2 Radar System, Department of Electrical Engineering (T. A. Seliga), 1 November 1984 through 31 October 1985. (Project 763878 - Continuation)

February 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)

\$59,963.00 - Pardee (Elsa U) Foundation, Midland, MI, Neutron Capture Therapy of Experimental Brain Tumors, Department of Pathology (R. F. Barth), 1 November 1984 through 31 October 1985. (Project 764463 - New)

\$44,758.00 - The Council for Tobacco Research-U.S.A., Inc., New York, NY, Potential for Lung Cancer Prevention by Inhibiting De-Glucuronidation, Department of Physiological Chemistry (Z. Walaszek), 1 January 1985 through 31 December 1985. (Project 764483 - New)

\$15,638.00 - United Cancer Council, Incorporated, Indianapolis, IN, In Vivo Animal Studies of New Aromatase Inhibitors for the Treatment of Estrogen-Dependent Cancers, College of Pharmacy (R. W. Brueggemeier), 1 January 1985 through 31 December 1985. (Project 764487 - New)

\$15,000.00 - 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 1985 through 31 December 1985. (Project 764482 - New)

\$14,000.00 - Research Corporation, Tucson, AZ, Affinity and Photoaffinity Labeling of a Calmodulin-Dependent Protein Kinase, Department of Chemistry (M. M. King), 1 October 1984 through 30 September 1985. (Project 764481 - New)

\$12,600.00 - Massachusetts State Department of Education, Quincy, MA, Consortium for the Development of Professional Materials for Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1984 through 30 June 1985. (Project 764464 - New)

\$9,946.00 - Fauquier County Public Schools, Warrenton, VI, An Assessment and Study of the Vocational Education Program in the Fauquier County Public Schools, The National Center for Research in Vocational Education (R. E. Taylor), 1 November 1984 through 31 January 1985. (Project 764462 - New)

\$8,000.00 - American Cancer Society, Ohio Division, Inc., Cleveland, OH, Identification of Proteins Stably Bound to HSV DNA in Vivo, Department of Medical Microbiology and Immunology (D. S. Parris), 1 November 1984 through 31 October 1985. (Project 764476 - New)

February 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)

\$6,701.00 - Cancer Therapy & 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 1984 through 31 December 1984. (Project 761460 - Continuation)

\$4,700.00 - American Cancer Society, Ohio Division, Inc., Cleveland, OH, Study of *in Vivo* Lymphokine - Activated Killer (LAK) Activity, Department of Surgery (C. G. Orosz), 1 November 1984 through 31 October 1985. (Project 764485 - New)

\$4,592.00 - Cancer Therapy & Research Center, San Antonio, TX, Gynecologic Cancer Pathology Subcommittee, Department of Pathology (R. V. O'Toole), 1 September 1984 through 31 August 1985. (Project 764004 - Continuation)

\$4,400.00 - American Cancer Society, Ohio Division, Inc., Cleveland, OH, Metabolism of Antineoplastic Drugs by DT-Diaphorase, Department of Biochemistry (R. P. Swenson), 1 November 1984 through 31 October 1985. (Project 764473 - New)

\$2,000.00 - Hawaii Office of Vocational Education, Honolulu, HI, 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)

\$2,000.00 - Missouri Department of Elementary and Secondary Education, Jefferson City, MO, 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)

\$200.00 - Sigma Xi, New Haven, CT, Induction of Proteins in Cultured Astrocytes by Glucocorticoid Hormones, Department of Anatomy (R. W. Burry), 1 September 1984 through 31 August 1985. (Project 764455 - New)

TOTAL - OTHER NON-FEDERAL AWARDS

\$ 407,873.00

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

\$97,544.00 - The Ohio Department of Transportation, Columbus, OH, "Long-Term Strength of Embankment Materials: Shale and Colluvium," Department of Civil Engineering, 1 September 1984 through 31 August 1985. (529628, Ext. 2)

February 1, 1985 meeting, Board of Trustees

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

ENGINEERING EXPERIMENT STATION (contd)

Industrial and Other Sponsored Research and Development

\$327,417.00 - from 17 sponsors for 18 development projects under the direction of eight engineering departments.

\$104,887.00 - The Whitaker Foundation, Camp Hill, PA, "Dosimetry with CR-39 in TE Liquid for Clinical Neutron Beams," Department of Nuclear Engineering (in Mechanical Engineering), 1 November 1984 through 30 October 1986. (529667)

\$22,163.00 - 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 16 February 1985. (529666)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 454,467.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

Diane M. Cummins Scholarship Fund

The Diane M. Cummins Scholarship Fund was established February 1, 1985, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Office of University Development from Diane M. Cummins, B.S.Ed. '60, 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 fund a student scholarship in the Department of Judaic and Near Eastern Languages and Literatures to benefit those studying Hebrew and/or Yiddish. Selection of the recipient shall be made in consultation with Diane Cummins by the Dean of the College of Humanities and the Department Chairperson in cooperation with the 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 recommendations meeting the educational goals of the College of Humanities.

The David P. Prior Scholarship Fund

The David P. Prior Scholarship Fund was established February 1, 1985, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from David P. Prior's parents, Paul G. and JoAnn Prior, Clarkston, Michigan.

February 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 David P. Prior 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 from this fund shall be used to provide scholarships to worthy and academically superior students who have completed their freshman year and are enrolled in the College of Engineering. Preference would be extended to native born Americans. This scholarship is limited to undergraduate students with financial need and the support would remain in effect through each recipient's undergraduate years as long as all academic qualifications are maintained. The selection of the recipients and the annual review of their academic progress will be made by the Dean of the College of Engineering in cooperation with the 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 recommendations from the appropriate administrative official of the University who is then directly responsible for engineering education.

Change of Name and Description of Named Fund

The James and Stella Lee Scholarship Fund

The James and Stella Lee Scholarship Fund for National Merit Students was established June 11, 1981, 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, Greenwich, Connecticut. The name was changed to The James and Stella Lee Scholarship Fund, February 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 provide scholarships for one or more student(s) who are graduates of Marion Harding High School (Marion, Ohio) enrolling at The Ohio State University. The selection of the recipient(s) shall be made by the principal of Marion Harding High School in consultation with the 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 currently available program(s) supporting merit scholarships.

February 1, 1985 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - December 1984

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 1985 through 15 January 1986. (Project 763413 - Continuation)

\$1,190,942.00 - 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. B. Malarkey), 1 December 1984 through 30 November 1985. (Project 761196 - Continuation)

\$1,040,750.00 - Department of Education, Office of Educational Research and Improvements, Washington, DC, Research Program of Employability, The National Center for Research in Vocational Education (R. E. Taylor), 1 December 1984 through 30 November 1985. (Project 763927 - Continuation)

\$353,464.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Otitis Media with Effusion, Department of Otolaryngology (D. J. Lim), 1 December 1984 through 30 November 1985. (Project 760043 - Continuation)

\$248,379.00 - 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 October 1984 through 18 July 1986. (Project 763740 - Continuation)

\$162,578.00 - 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. Newman), 1 December 1984 through 30 November 1985. (Project 764517 - Continuation)

\$128,980.00 - 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 1985 through 31 January 1986. (Project 763420 - Continuation)

February 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)

\$120,825.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Interaction of DNA Topoisomerase I with Chromatic, Department of Microbiology (M. T. Muller), 1 January 1985 through 31 December 1985. (Project 763392 - Continuation)

\$116,680.00 - 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 1984 through 30 November 1985. (Project 763902 - New)

\$113,977.00 - Department of the Air Force, Air Force Systems Command, Hanscom Air Force Base, MA, Theoretical Studies on Determinations, Predictions, and Accuracies of Geodetic Parameters and Gravimetric Quantities, Department of Geodetic Science and Surveying (U. A. Uotila), 10 November 1984 through 9 October 1985. (Project 762947 - Continuation)

\$109,641.00 - 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)

\$107,231.00 - 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 1985 through 31 December 1985. (Project 763945 - Continuation)

\$104,242.00 - 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 1985 through 31 December 1985. (Project 760578 - Continuation)

\$103,911.00 - National Science Foundation, Washington, DC, The Large Eddy Simulation of Surface Water Transport: Phase I, A Study of the Higher Order Averaging and Closure Techniques for Two Dimensional Dynamic Models, Department of Civil Engineering (K. W. Bedford), 15 November 1984 through 30 October 1986. (Project 764508 - New)

\$91,684.00 - 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 October 1984 through 30 September 1985. (Project 763308 - Continuation)

February 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)

\$90,930.00 - Department of Education, Office of Elementary and Secondary Education, Washington, DC, Math Anxiety in Adolescent Females: Self-Instructional Training and Exploration of Cognitive Processes, Department of Human Services Education (J. Genshaft and J. Naglieri), 1 December 1984 through 30 November 1985. (Project 764506 - New)

\$79,830.00 - 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 1985 through 31 January 1986. (Project 763747 - New)

\$71,301.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, OH, Unified Head Injury Theory, Department of Mechanical Engineering (R. L. Stalnaker), 1 October 1984 through 30 September 1985. (Project 764510 - New)

\$66,000.00 - National Science Foundation, Washington, DC, Measurement of the Exchange-Scattering Rate of Conduction Electrons in Superconducting Spin Glasses, Department of Physics (T. R. Lemberger), 1 February 1985 through 31 January 1986. (Project 763737 - Continuation)

\$64,123.00 - 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 1984 through 30 November 1985. (Project 764501 - New)

\$62,900.00 - National Science Foundation, Washington, DC, Superconductivity, Optical Properties and Transport in Binary Composite Media, Department of Physics (D. G. Stroud), 1 December 1984 through 30 November 1985. (Project 764511 - New)

\$60,000.00 - 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 1984 through 30 September 1985. (Project 763802 - Continuation)

\$52,719.00 - 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 (G. M. Gregorek and M. B. Bragg), 30 November 1984 through 31 October 1985. (Project 762009 - Continuation)

February 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)

\$50,503.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Enzyme Aging and Gene Expression in Anucleate Cells, Department of Microbiology (J. N. Reeve), 1 December 1984 through 30 November 1985. (Project 762514 - Continuation)

\$50,235.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Washington, DC, Deoxycytosine in Lymphoid Malignancies, Cancer Research Center and Department of Medicine (M. R. Grever), 1 December 1984 through 30 November 1985. (Project 763911 - Continuation)

\$48,485.00 - Department of Education, Washington, DC, Career Planning Support System (CPSS) Developer/Demonstration Project, The National Center for Research in Vocational Education (R. E. Taylor), 12 May 1984 through 11 August 1985. (Project 763287 - Continuation)

\$44,000.00 - 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 1984 through 30 April 1985. (Project 763264 - Continuation)

\$37,554.00 - Department of the Navy, Office of Naval Research, Arlington, VA, Resonant Structure NCTR (Noncooperative Target Recognition), Department of Electrical Engineering, ElectroScience Laboratory (J. D. Young), 1 January 1985 through 30 September 1985. (Project 762920 - Continuation)

\$30,366.00 - 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 October 1984 through 30 June 1985. (Project 764086 - Continuation)

\$9,597.00 - National Science Foundation, Washington, DC, Intermediate Cities and Developmental/Exploitative Impacts on Regional Development, Department of Geography (L. A. Brown and V. A. Lawson), 15 November 1984 through 31 October 1985. (Project 764497 - New)

\$3,600.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, MD, Intensity Measurements of CO₂ Lines in Selected Regions by Using the Highest Resolution of a Diode Laser, Department of Physics (K. N. Rao), 23 November 1984 through 15 January 1985. (Project 764496 - New)

February 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)

\$0 - National Science Foundation, Washington, DC, Resonance Phenomena in Electron-Molecule Collisions, Department of Chemistry (C. W. McCurdy), 5 December 1984 through 28 February 1985. (Project 763440 - Continuation)

\$0 - National Science Foundation, Washington, DC, Structure, Dynamic Behavior and Synthesis of Selected Carbanionic Substances, Department of Chemistry (G. A. Fraenkel), 5 December 1984 through 30 June 1985. (Project 763630 - Continuation)

TOTAL - FEDERAL AWARDS \$10,215,427.00

State of Ohio Research Contracts/Grants

\$20,000.00 - State of Ohio, Department of Health, Columbus, OH, Rape Prevention Training and Education Project, Office of Student Life (S. A. Blanshan), 1 October 1984 through 30 September 1985. (Project 764495 - New)

\$19,440.00 - State of Ohio, Department of Youth Services, Columbus, OH, Graduate Student Internship, Department of Human Services Education (D. S. Hill), 22 October 1984 through 30 June 1985. (Project 764519 - Continuation)

\$2,500.00 - State of Ohio, Ohio Arts Council, Columbus, OH, Haciendo Punto en Otro Son, Office of Student Life (C. Alvarez-Breckenridge), 2 January 1985 through 29 January 1985. (Project 764513 - New)

\$2,156.00 - State of Ohio, Department of Mental Health, Columbus, OH, Comparison of Family Dynamics in Families with a Suicidal, Emotionally Disturbed/Nonsuicidal or Nonproblematic Adolescent, Department of Home Economics - OARDC and Department of Family Relations and Human Development (P. C. McKenry), 14 December 1984 through 30 June 1985. (Project 764516 - New)

TOTAL - STATE OF OHIO AWARDS \$ 44,096.00

Industrial Research Contracts/Grants

\$49,825.00 - Owens-Illinois, Inc., Columbus, OH, Job/Task and Video Training Development, College of Education - Administration (J. J. Buffer), 1 January 1985 through 31 December 1985. (Project 764507 - New)

\$39,150.00 - International Business Machines Corporation, White Plains, NY, Generic Instrumentation, College of Pharmacy (C. L. Olson and J. M. Jagadeesh), 1 June 1982 through 30 June 1985. (Project 762771 - Continuation)

February 1, 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)

\$37,409.00 - 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)

\$20,325.00 - American Matrix, Inc., Tampa, FL, Stereological Computer-Assisted Fluorometry: Development of Techniques for Analysis of Biological Material, Department of Surgery (J. F. Cornhill), 1 December 1984 through 28 February 1985. (Project 763373 - Continuation)

\$20,000.00 - Rockwell International Corporation, Columbus, OH, Electromagnetic Studies, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters, Jr.), 3 December 1984 through 4 March 1985. (Project 764505 - New)

\$19,417.00 - Bristol Laboratories, Syracuse, NY, Butorphanol versus Fentanyl in Ambulatory Surgery, Department of Anesthesiology (B. Kuperwasser), 1 November 1984 through 31 January 1985. (Project 764500 - New)

\$9,740.00 - Rota-Dent, Copenhagen, Denmark, A Study to Evaluate a New Commercially Available Rotary Type Electric Toothbrush, College of Dentistry - Periodontics (J. E. Horton), 19 November 1984 through 29 December 1984. (Project 764486 - New)

\$9,108.00 - Youthworks, Inc., Washington, DC, Planning Grant: Design Specifications for the Implementation of a Vocational Internship Program (VIP) between Public Schools and the Federal Government, The National Center for Research in Vocational Education (R. E. Taylor), 15 December 1984 through 15 March 1985. (Project 764525 - New)

\$7,700.00 - The Conover Company, Ltd., Omro, WI, Adapting CPS for the Apple II Plus, The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1984 through 30 April 1985. (Project 764527 - New)

\$49.57 - 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 December 1984 through 28 February 1985. (Project 763633 - Continuation)

TOTAL - INDUSTRIAL AWARDS

\$ 212,723.57

February 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

\$485,600.00 - University of Cincinnati, Cincinnati, OH, Area Health Education Center, College of Medicine - Administration (G. L. Trzebiatowski and M. Tzagournis), 1 October 1984 through 30 September 1985. (Project 764406 - Continuation)

\$134,313.00 - University of Wisconsin, Madison, WI, MUCIA (Midwest Universities Consortium for International Activities, Inc.) Indonesia Higher Education Project, Department of Mathematics (J. P. Tull), 1 September 1984 through 31 August 1986. (Project 764498 - New)

\$100,000.00 - American Cancer Society, New York, NY, Syngeneic Graft-versus-Host Disease in Rat Radiation Chimera, Department of Medicine (P. J. Tutschka), 1 January 1985 through 31 December 1985. (Project 763963 - Continuation)

\$83,451.00 - Eastland Joint Vocational School District, Groveport, OH, Ohio Vocational Education/University Linkage, The National Center for Research in Vocational Education (R. E. Taylor), 1 December 1984 through 30 April 1985. (Project 764503 - New)

\$43,668.00 - 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 1985 through 31 December 1985. (Project 764528 - Continuation)

\$35,554.00 - The AARP Andrus Foundation, Washington, DC, Crime Prevention Benefits: An Analysis of the Relationship between Fear of Crime and Program Participation among the Elderly, Department of Agricultural Economics and Rural Sociology - OARDC and Department of Agricultural Economics and Rural Sociology (J. F. Donnermeyer) and Agricultural Technical Institute (G. M. Kreps), 1 January 1985 through 31 December 1985. (Project 764509 - New)

\$30,000.00 - American Heart Association, Central Ohio Chapter, Columbus, OH, Distinguished Investigatorship, Department of Medicine (H. Boudoulas), 1 December 1984 through 30 November 1985. (Project 764518 - New)

\$25,000.00 - Metropolitan Life Foundation, New York, NY, Nutrition Education for Ohio State University Freshman Students, School of Allied Medical Professions (M. R. Schiller), 1 September 1985 through 31 August 1986. (Project 764514 - New)

\$22,000.00 - Eleven Members of the National Alliance, National Alliance of Postsecondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1984 through 30 June 1985. (Project 763548 - Continuation)

February 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)

\$21,170.00 - Florida International University, Miami, FL, Consortium for the Development of Professional Materials for Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1984 through 30 June 1985. (Project 764502 - Continuation)

\$20,000.00 - Research Corporation, Tucson, AZ, The Transition to Turbulence of a Convecting Fluid in a Cavity with Differentially Heated Sidewalls, Department of Physics (C. D. Andereck), 1 November 1984 through 31 October 1985. (Project 764499 - New)

\$15,528.00 - Gallia, Jackson, Vinton County Vocational School, Rio Grande, OH, Impact Evaluation of Day Care Services Funded by the Ohio Department of Education Home Economics Department, The National Center for Research in Vocational Education (R. E. Taylor), 1 January 1985 through 30 September 1985. (Project 764522 - New)

\$12,000.00 - Southeastern Center for Electrical Engineering Education, St. Cloud, FL, Development and Implementation of Cost-Effectiveness and Utility Methodologies for the AF Performance Project, Department of Psychology (R. J. Vance), 1 January 1985 through 31 October 1985. (Project 764520 - New)

\$11,652.00 - Southeastern Center for Electrical Engineering Education, St. Cloud, FL, An Investigation of the Process of Model Modification in Structural Equation Modeling, Department of Psychology (R. C. MacCallum), 1 October 1984 through 31 July 1985. (Project 764504 - New)

\$10,000.00 - The Deafness Research Foundation, New York, NY, Elemental Analysis of the Cochlear Cells, Department of Otolaryngology (D. J. Lim), 1 January 1985 through 31 December 1985. (Project 763932 - Continuation)

\$10,000.00 - The Deafness Research Foundation, New York, NY, The Role of Endotoxin in Adhesive Otitis Media, Department of Otolaryngology (T. F. DeMaria), 1 January 1985 through 31 December 1985. (Project 763933 - Continuation)

\$10,000.00 - University Affiliated Cincinnati Center for Developmental Disorders, Cincinnati, OH, Prevention Continuing Education in Rural Areas, College of Medicine - Administration (G. L. Trzebiatowski), 1 January 1985 through 31 December 1985. (Project 763887 - Continuation)

February 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)

\$9,982.00 - The Deafness Research Foundation, New York, NY, A Clinically Feasible Method of Determining Frequency Selectivity in Normally-Hearing and Hearing-Impaired Listeners, Department of Otolaryngology (W. Melnick), 1 January 1985 through 31 December 1985. (Project 763940 - Continuation)

TOTAL - OTHER NON-FEDERAL AWARDS \$ 1,079,918.00

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

\$249,950.00 - Ohio Department of Development, Thomas Alva Edison Fund, Columbus, OH, "Development of Design Analysis Algorithms for Machine Component," Department of Mechanical Engineering, 1 January 1985 through 30 December 1986. (312831)

\$50,000.00 - Ohio Department of Development, Thomas Alva Edison Fund, Columbus, OH, "Optimization of the Detector Subsystem in a Diode Array Digital Radiography System," Nuclear Engineering Area of the Department of Mechanical Engineering, 1 October 1984 through 31 March 1985. (312829)

\$50,000.00 - Ohio Department of Development, Thomas Alva Edison Fund, Columbus, OH, "Computer Modeling and Control of Acrylic Sheet Extrusion," Department of Chemical Engineering, 1 December 1984 through 30 December 1985. (528668)

TOTAL - STATE SPONSORED RESEARCH \$ 349,950.00

Industrial and Other Sponsored Research and Development

\$157,898.00 - from 31 sponsors for 33 development projects under the direction of four engineering departments.

\$85,313.00 - Avco Lycoming Division, Stratford, CT, "An Investigation of the LASPOT Process," Department of Welding Engineering, 1 October 1984 through 30 December 1985. (529639)

\$79,104.00 - Carrier Corporation, Syracuse, NY and Copeland Corporation, Sydney, OH, "Compressor Pulsations and System Interactions: Preliminary Analytical and Experimental Studies," Department of Mechanical Engineering, 1 January 1985 through 31 December 1985. (529671)

\$49,900.00 - AT&T, Bell Laboratories, Columbus, OH, "Radiation Heat Transfer in Modeling Glass/Metal Electronic Sealing Components," Department of Mechanical Engineering, 17 December 1984 through 31 December 1985. (529669)

February 1, 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)

\$30,000.00 - LTV Aerospace and Defense Co., Dallas, TX, "High Temperature Materials Research," Department of Ceramic Engineering, 1 December 1984 through 1 December 1985. (529670)

\$25,000.00 - C. A. Schwartz Co., Beachwood, OH, "Characteristics of High Frequency Resistance Welding Transformers," Department of Welding Engineering, 1 August 1984 through 30 September 1984. (529663)

\$10,000.00 - Sandia National Laboratories, Livermore, CA, "Development of Destructive and Non-Destructive Evaluation Methods of Inertia Welds Between Similar and Dissimilar Alloys - Ext. 2," Department of Welding Engineering, 30 September 1984 through 31 December 1984. (529660)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 437,215.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

OSU Cancer Research Institute Endowment Fund

The OSU Cancer Research Institute Endowment Fund was established February 1, 1985, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Doris H. Preston, B.S.Ed. '30.

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 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.

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.

February 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 Demkee Athletic Scholarship Fund

The Demkee Athletic Scholarship Fund was established February 1, 1985, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the Demkee Family, Wooster, 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 a scholarship to an undergraduate student in good standing and involved in a varsity athletic program who is planning a career in the health professions. Award recipients shall be determined by the Director of the Department of Athletics in cooperation with the 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 recommendations from the appropriate administrative official of the University who is then directly responsible for student financial aids.

Change of Name and Description of Named Fund

The Demkee Wayne-Holmes County Scholarship Fund

The Dr. Donald E. Demkee Wayne-Holmes County Scholarship Fund was established April 2, 1976, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the Demkee Family, Wooster, Ohio. The name was changed to The Demkee Wayne-Holmes County Scholarship Fund, February 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 provide one scholarship to an undergraduate student who is a resident of Wayne County or Holmes County and is to be presented to the award recipient at his/her high school graduation. Financial need may or may not be a consideration. Recommendations for students who qualify should be forwarded to the University Scholarship Committee for final selection in conjunction with the Dean of the intended recipient's chosen College.

February 1, 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 Fund (contd)

The Demkee Wayne-Holmes County 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 official on the University Scholarship Committee.

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**EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
1100 KINNEAR ROAD BUILDING REMODELING
(ALLIS-CHALMERS BUILDING)**

Resolution No. 85-76

Synopsis: Authorization to employ an architectural/engineering firm and request construction bids is proposed.

WHEREAS The Ohio State University recently purchased the property at 1100 Kinnear Road, Columbus, Ohio, for use as a part of the proposed University Research Park; and

WHEREAS it is advisable to prepare a feasibility study to determine the best usage of this building and to develop plans, specifications, and contract documents for bidding and construction; and

WHEREAS \$1,200,000 will be made available from University funds for this project:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance 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 Finance 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.

February 1, 1985 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
1100 KINNEAR ROAD BUILDING REMODELING
(ALLIS-CHALMERS BUILDING) (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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EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
LIMA TECHNICAL COLLEGE CLASSROOM ADDITION

Resolution No. 85-77

Synopsis: Authorization to employ an architectural/engineering firm and request construction bids is proposed.

WHEREAS Amended Substitute House Bill 798 (the capital appropriations bill) enacted by the 115th General Assembly included funds for the Lima Technical College to construct a classroom addition and remodel their Technical Education Laboratory building; and

WHEREAS the Lima Technical College has asked The Ohio State University to assist them with the programming, design, and construction of these facilities:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance, in cooperation with the Lima Technical College, 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 Finance, in cooperation with the Lima Technical College, 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. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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February 1, 1985 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS

Resolution No. 85-78

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:

HEALTH SCIENCES CENTER ROADWAY (INTERNAL LOOP)

Description: The construction of a new roadway section between Cannon Drive and Belmont Avenue, the widening of Belmont Avenue north of the new roadway, the elimination of a portion of Belmont Avenue, the modification of West Tenth Avenue east of Belmont Avenue, and the appropriate signage, barriers, landscaping, and traffic control devices in order to reduce congestion and simplify traffic flow. Work is scheduled to begin in March and be completed by August 1985.

General Contract

Date Received:	December 12, 1984
No. of Bids:	6
Low Bid:	\$594,226.90*
High Bid:	\$784,140.64*
Estimate of Cost:	\$608,700.00*
Awarded to:	Concrete Construction Co., Columbus, Ohio

Electrical Contract

Date Received:	December 12, 1984
No. of Bids:	2
Low Bid:	\$154,343.00*
High Bid:	\$166,581.12*
Estimate of Cost:	\$175,500.00*
Awarded to:	Jess Howard Electric Co., Blacklick, Ohio

*Recommended alternates reflected in these figures.

February 1, 1985 meeting, Board of Trustees

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

HEALTH SCIENCES CENTER ROADWAY (INTERNAL LOOP) (contd)

Total All Contracts:	\$748,569.90*
Total Contingency Allowance:	\$ 37,428.42 (which is 5 per cent of construction costs)
Total Project Cost:	\$937,343.00*
Funding:	Senate Bill 381 and University Funds

*Recommended alternates reflected in these figures.

LIMA REGIONAL CAMPUS RENOVATIONS - 1984

Description: This project involves the general renovation of Room 114 of the Student Activity Building, including electrical, plumbing, and HVAC work, and electrical, plumbing, and HVAC work in the Maintenance Building at the Lima Regional Campus. The Maintenance Building work consists of a hot water heating branched piping system, an air distribution system, bathroom exhaust system, and the necessary site work for the hot water piping system, including fill, grade finish, and resurfacing of drive and parking areas. Work is expected to begin in February 1985, and be completed within sixty days.

General Contract

Date Received:	December 7, 1984
No. of Bids:	2
Low Bid:	\$ 4,200.00
High Bid:	\$10,940.00
Estimate of Cost:	\$ 4,250.00
Awarded to:	Ed Ross Construction, Co., Westerville, Ohio

Plumbing Contract

Date Received:	November 27, 1984
No. of Bids:	5
Low Bid:	\$ 4,431.00
High Bid:	\$ 9,883.00

February 1, 1985 meeting, Board of Trustees

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

LIMA REGIONAL CAMPUS RENOVATIONS - 1984 (contd)

Plumbing Contract (contd)

Estimate of Cost: \$ 8,977.00
Awarded to: Gast Plumbing & Heating, Lima, Ohio

HVAC Contract

Date Received: November 27, 1984
No. of Bids: 5
Low Bid: \$14,428.00
High Bid: \$30,876.00
Estimate of Cost: \$25,123.00
Awarded to: Gerald Miller Plumbing, Covington, Ohio

Electrical Contract

Date Received: November 27, 1984
No. of Bids: 3
Low Bid: \$ 5,762.00
High Bid: \$ 8,091.00
Estimate of Cost: \$ 6,650.00
Awarded to: W. B. Electric, Delta, Ohio

Total All Contracts: \$28,821.00
Total Contingency Allowance: \$ 2,871.04 (which is 10 per cent of construction costs)
Total Project Cost: \$33,700.00
Funding: Senate Bill 381, Reappropriated 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.

February 1, 1985 meeting, Board of Trustees

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

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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**ACCEPTANCE OF THE GIFT OF REAL PROPERTY
5.16 ACRES IN VINTON COUNTY**

Resolution No. 85-79

Synopsis: Acceptance of the gift by Dr. and Mrs. Glen H. Mitchell of approximately 5.16 acres of real property in Vinton County is proposed.

WHEREAS Dr. and Mrs. Glen H. Mitchell of Blacksburg, Virginia, are the owners of approximately 5.16 acres of undeveloped real property located in Jackson Township in Vinton County, Ohio, and wish to make a gift of this property to The Ohio State University, through The Ohio State University Development Fund, for the purpose of establishing, through the sale of the property, the David Louis Mitchell Consumer Action Award Fund; and

WHEREAS income from the David Louis Mitchell Consumer Action Award Fund would be used to provide grants to University students and/or student organizations to support creative action-oriented projects enabling students to ameliorate economic or social problems on campus or in the larger community; and

WHEREAS it has been determined that the acceptance of this property and the establishment of the David Louis Mitchell Consumer Action Award Fund are in the best interest of the University:

NOW THEREFORE

BE IT RESOLVED, That this property be accepted as a gift from Dr. and Mrs. Glen H. Mitchell to The Ohio State University, through The Ohio State University Development Fund, and that the President and/or Vice President for Business and Finance be authorized to acquire title to this property in the name of the Board of Trustees.

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 - STATE BUDGET PROPOSALS FOR 1985-1987

President Jennings made the following statement:

As you know, the Governor has made his budget recommendations to the General Assembly for the 1985-1987 biennium and I would add that all of us are greatly encouraged by the recommended levels of support for higher education in the Governor's 1985-87 budget. In

February 1, 1985 meeting, Board of Trustees

REPORT - STATE BUDGET PROPOSALS FOR 1985-1987 (contd)

President Jennings: (contd)

particular, the emphasis on reducing the proportion of costs borne by tuition is an important step forward. The level of funding recommended for the instructional subsidy will allow a reduction in the students' share of the cost of their education from 40 percent to 36 percent over the biennium. This represents significant progress toward the more traditional and appropriate 33 percent level historically shared by students and their parents. A strong instructional subsidy is the cornerstone of higher education support.

We also are pleased with the Selective Excellence programs. The long-term impact of Ohio's leadership in taking these initiatives will be especially significant in sustaining and enhancing the quality of higher education in the state and in promoting the economic revitalization of Ohio.

The Governor's budget builds upon the fiscal stability achieved in the current biennium, which was made possible by the proposed increases in higher education's overall share of the state budget. The 15.8 percent of the General Revenue Funds recommended for higher education in 1986-87 reverses the declining trend of past budgets. While the budget share for higher education remains significantly below the 17.1 percent provided in 1978-79, the change from the last biennium is indeed encouraging.

While this budget clearly moves in the right direction, the challenge remains to improve Ohio's national ranking in terms of public support for higher education. We have reversed past trends, but not yet advanced the state's comparative position. Even with the stability achieved in this biennium, state appropriations per student remain 47th nationally. This means Ohio has the third highest average public-college tuition per \$100 of state appropriations. We will continue to emphasize the need for further attention to the level of instructional subsidies with the goal of further reducing the share of higher education costs that students and their parents must pay.

This University must look to the State of Ohio for the basic foundation of taxpayer support upon which our excellence depends. I believe the fundamental commitment is there, along with the vision of what can be accomplished. That has been demonstrated in the budgetary commitments to Selective Excellence and research achievement.

We look forward to working with the General Assembly as the Executive Budget is considered. Our central message, as the state budget process continues in the coming weeks, will emphasize that the time is right to assure an enhanced and secure funding base for higher education.

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February 1, 1985 meeting, Board of Trustees

**QUARTERLY REPORT -
WAIVERS OF COMPETITIVE BIDDING REQUIREMENTS**
Resolution No. 85-80

RESOLVED, That the quarterly report on the Waivers of Competitive Bidding Requirements, dated September 7 through December 31, 1984, 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. 85-81

RESOLVED, That the report on the University's Investment Portfolio, dated January 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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Thereupon the Board adjourned to meet Friday, March 1, 1985, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

D. James Hilliker
Chairman

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

Columbus, Ohio, March 1, 1985

The Board of Trustees met at its regular monthly meeting on Friday, March 1, 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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March 1, 1985 meeting, Board of Trustees

The Chairman, Mr. Hilliker, called the meeting of the Board of Trustees to order at 11:25 a.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: D. James Hilliker, Chairman, Daniel M. Galbreath, Leonard J. Immke, John W. Berry, Shirley D. Bowser, and Hamilton J. Teaford.

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Mr. Hilliker reconvened the meeting at 1:35 p.m.

Present: D. James Hilliker, Chairman, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, and Hamilton J. Teaford.

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NEW DEGREE PROGRAM - PH.D. IN WELDING ENGINEERING

Resolution No. 85-82

Synopsis: Recommendation for a Ph.D. program in Welding Engineering is proposed.

WHEREAS the Department of Welding Engineering presently offers the B.S. and M.S. degrees; and

WHEREAS the proposed Ph.D. program in Welding Engineering is consistent with the long-range goals of the College; and

WHEREAS the College faculty and the Graduate Council approved the Ph.D. proposal in December 1983 and April 1984, respectively; and

WHEREAS Welding Engineering has undertaken an extensive departmental development during the past several years that has served to greatly strengthen its graduate and research programs, faculty and facilities; and

WHEREAS there is a national need for graduates at the Ph.D. level in this field:

NOW THEREFORE

BE IT RESOLVED, That the University Senate has approved the establishment of a Ph.D. program in Welding Engineering, and respectfully requests concurrence by the Board of Trustees.

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 1, 1985 meeting, Board of Trustees

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY

Resolution No. 85-83

Synopsis: Amendments to rules 3335-5-01 and 3335-7-21 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 January 26, 1985, as follows:

AMENDED RULES

3335-5-01 Academic freedom and responsibility.

- (B) The principal elements of academic freedom include the freedom of teachers to:
- (1) Teach, conduct research, and publish research findings;
 - (2) Discuss in classrooms, in their own manner, any material that is relevant to the subject matter as defined in the course syllabus;
 - (3) Exercise their constitutional rights as citizens without institutional censorship or discipline;
 - (4) Seek changes in academic and institutional policies through lawful and peaceful means.
- (C) Academic freedom carries with it correlative academic responsibilities. The principal elements include the responsibility of teachers to:
- (1) Meet their defined teaching, research, and service obligations;
 - (2) Pursue excellence, intellectual honesty, and objectivity in teaching, in conducting research, and in publishing research findings;
 - (3) Encourage students and colleagues to engage in free discussion and inquiry;
 - (4) Evaluate student and colleague performance on a scholarly basis;
 - (5) Refrain from persistently introducing matters that have no bearing on the subject matter of the course;
 - (6) Work with appropriate individuals and bodies to provide optimal conditions conducive to the attainment of the free search for truth and its free exposition;

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

- (7) Differentiate carefully between official activities as teachers and personal activities as citizens, and to act accordingly. (B/T 9/14/65, B/T 5/2/75, B/T 3/1/85)

3335-7-21 Marks.

The official marks of the university are as follows: "A," "A-," "B+," "B," "B-," "C+," "C," "C-," "D+," "D," "E," "EM," "I," "K," "P," "PA," "NP," "R," "S," "U," "W." These marks shall have the following meaning:

(J) "PA"--pass, "NP"--non-pass

- (1) The grade pass "PA" means the student has satisfied the stated objectives of the course, and the grade non-pass "NP" is the equivalent of the grade "E."
- (2) These marks may be used at the option of undergraduate or continuing education students only, subject to the following conditions:
 - (A) This grading pattern may be chosen for a maximum of thirty credit hours, provided the student has an accumulated point-hour ratio of 2.0 or higher.
 - (B) Among these thirty credit hours, an undergraduate student may elect this option for courses in fulfillment of the curricular requirements of rule 3335-7-06 of the Administrative Code.
 - (C) An undergraduate student may elect this option for courses that are not required or designated as required electives in the curriculum leading to the degree for which the student is a candidate.
 - (D) Hours graded pass "PA" count toward the minimal number of hour required for a degree. Pass or non-pass marks "PA," "NP" are not computed in the point-hour average of the student.
 - (E) Before five p.m. of the third Friday of a quarter or the second Friday of a term, a student must have declared intention to take a course on this basis by filing the appropriate form with the dean or director of the student's enrollment unit. A student may not change to or from this option after five p.m. of the third Friday of a quarter or the second Friday of a term.

(K) "R"--registered to audit

- (1) This mark indicates that the student has registered to audit the course and has met the conditions established for audit enrollment in the course. No credit hours shall be awarded for this mark (see rules 3335-7-29 and 3335-7-33 of the Administrative Code).

March 1, 1985 meeting, Board of Trustees

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

- (2) Before five p.m. of the third Friday of a quarter, semester, or session, or the second Friday of a term, a student must have declared intention to take a course for audit or to change from a credit to an audit basis by filing the appropriate form with the dean or director of the student's enrollment unit. A student may not change to or from the audit option after five p.m. of the third Friday of a quarter, semester, or session, or the second Friday of a term.
- (L) "S"--satisfactory, "U"--unsatisfactory
- (1) The mark "S" may be used to record either satisfactory progress in or completion of work, provided that the course has been approved for this mark by the dean of the college offering the course, and in the case of courses carrying graduate credit, by the dean of the graduate school. It shall be used as an alternative to "U" or "I" in all individual studies courses whatever their number. "S" credit shall be counted as hours only, and shall not be considered in determining a student's point-hour ratio under rule 3335-7-26 of the Administrative Code.
 - (2) The mark "U" shall be used for unsatisfactory work in courses in which a student would be entitled to the mark of "S" if the student's work had been satisfactory. No credit shall be given for work marked "U." This mark shall not be considered in determining a student's point-hour ratio under rule 3335-7-26 of the Administrative Code.

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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THE OHIO STATE UNIVERSITY HOSPITALS
MEDICAL STAFF RULES AND REGULATIONS

Resolution No. 85-84

Synopsis: The Ohio State University Hospitals Medical Staff Rules and Regulations are proposed for adoption.

WHEREAS Bylaw 3335-43-10 (1) of the Medical Staff Bylaws authorizes the Medical Staff Administrative Committee to establish and maintain rules and regulations governing the medical staff of The Ohio State University Hospitals; and

March 1, 1985 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY HOSPITALS
MEDICAL STAFF RULES AND REGULATIONS (contd)

WHEREAS the University Hospitals Board approved the Medical Staff Rules and Regulations at their December 6, 1984 meeting; and

WHEREAS subject Rules and Regulations as originally approved were amended to include a revised Section 84-12 (by the University Hospitals Board) at their January 31, 1985 meeting;

NOW THEREFORE

BE IT RESOLVED, That the Board adopt The Ohio State University Hospitals Medical Staff Rules and Regulations, including the referenced amendment as follows:

84-01 Ethical pledge.

- (A) Each member of the medical staff shall pledge adherence to standard medical ethics, including:
- (1) Refraining from fee splitting or other inducements relating to patient referral;
 - (2) Providing for continuity of patient care;
 - (3) Refraining from delegating the responsibility for diagnosis or care of hospitalized patients to a medical or dental practitioner who is not qualified to undertake this responsibility and who is not adequately supervised;
 - (4) Seeking consultation whenever necessary; and
 - (5) Refraining from providing "ghost" surgical or medical services.

84-02 Admission procedures.

- (A) Except in an emergency, no patient shall be admitted to the hospital until after a provisional diagnosis has been stated by the patient's attending physician or by a member of the attending staff or a designee, in the interest of assignment to the appropriate service area. The request for admission shall also include the following information:
- (1) Any facts essential for the protection of the general hospital population against unnecessary exposure to infectious and other communicable diseases.
 - (2) Any information which will warn responsible hospital personnel of any tendency of any patient to try to commit suicide or to injure others because of mental disturbance.
 - (3) Any information concerning physical condition or personality idiosyncrasy which might be objectionable to other patients who might be occupying the same or adjoining rooms.

March 1, 1985 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY HOSPITALS
MEDICAL STAFF RULES AND REGULATIONS (contd)

84-03 Attending assignment.

All patients entering university hospitals who have not requested the services of a member of the medical staff of university hospitals to be responsible for their care and treatment while a patient therein shall be assigned to a member of the attending staff of the clinical division or service concerned with the treatment of the disease, injury, or condition which necessitated the admission of the patient to university hospitals. This shall also apply to the transfer of patients within the clinical divisions or services of the university hospitals.

84-04 Order writing privileges.

The physician, dentist, or podiatrist member of the staff responsible for the hospitalization, care, and treatment of the patient is responsible for all orders for that patient. Attending, courtesy, and honorary staff may designate members of the limited staff who have valid licenses to practice medicine in the state of Ohio to write orders under their direction. The attending staff member may also designate members of the pre-M.D. student group to write orders, but in all cases the orders shall be signed by a physician, dentist, or podiatrist who is familiar with that patient's care and has the right of practice of medicine, dentistry, or podiatry as licensed by the proper board of the state of Ohio. All written orders must be signed by a licensed practitioner prior to the execution of the order by the hospital nursing staff or other professional groups. All verbal orders must be given to a registered nurse on duty and familiar with the patient. Verbal orders may be given only by members of the medical staff with valid licenses. This policy does not prohibit the patient's private physician or dentist from writing orders, and no such prohibition shall be instituted without the consent of the private physician or dentist. Further, the staff member's declination to participate in this practice shall not in itself be a basis for sanctions relating to staff membership or the holding of clinical privileges, or to the loss of other medical staff prerogatives. Under normal circumstances, all medication orders will expire at the end of seventy-two hours unless the order states otherwise.

84-05 Telephone orders.

Telephone orders must be given to a registered nurse on duty and familiar with the patient by a licensed physician or dentist familiar with that patient. Such an order is to be signed by the nurse to whom it is dictated by telephone as "dictated by Dr. _____" (giving name and hour), followed by the nurse's signature. Telephone orders must be authenticated by the signature of a licensed physician within seventy-two hours, on the occasion of first visiting the unit after giving the order.

84-06 Death procedures.

- (A) Every member of the medical staff shall be actively interested in securing necropsies whenever possible. No necropsy shall be performed without written consent, permission, or direction as prescribed by the laws of Ohio.

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THE OHIO STATE UNIVERSITY HOSPITALS
MEDICAL STAFF RULES AND REGULATIONS (contd)

- (B) The death of a patient in the hospital within twenty-four hours of admission must be reported to the proper legal authorities under the laws of Ohio.
- (C) When a necropsy is performed, provisional anatomic diagnosis should be recorded in the medical record within three days and the complete protocol should be made a part of the record within ninety days.

84-07 Disaster plan.

In case of a civil, military, natural emergency or disaster, patients may be discharged from university hospitals, moved to other community hospitals, or moved to other facilities made available for the care and treatment of patients, by the order of the medical director of the university hospitals or the director's designated agent, to preserve life and health, to make room for more critically ill or injured patients sent to the hospitals from a disaster area or for the purpose of saving lives and to provide adequate medical care and treatment.

84-08 Sanctions.

Each member of the medical staff shall abide by policies approved by the medical staff administrative committee and by the Ohio state university hospitals. Failure to abide may result in suspension of some or all hospital privileges.

84-09 Surgical case review (tissue committees).

Surgical case review shall be performed monthly by each department regularly doing surgical procedures. The review shall include indications for surgery and all cases in which there is a major discrepancy between preoperative and postoperative (including pathologic) diagnoses. A screening mechanism based on predetermined criteria may be established for cases involving no specimens. Written records of the evaluations and any action taken shall be maintained in the department office, available to the medical director or the director's designee.

84-10 Tissue disposition.

All tissue and foreign bodies removed during a surgical procedure shall be sent to the pathology laboratory for examination except for the following categories. These exceptions may be invoked by the attending surgeon only when the quality of care is not compromised by the exception, when another suitable means of verification of the removal is routinely employed, and when there is an authenticated operative or other official report that documents the removal. The categories of specimens that may be exempted from pathological examination are the following:

- (A) Specimens that by their nature or condition do not permit fruitful examination, such as cataract, orthopedic appliance, foreign body, or portion of rib removed only to enhance operative exposure;

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THE OHIO STATE UNIVERSITY HOSPITALS
MEDICAL STAFF RULES AND REGULATIONS (contd)

- (B) Therapeutic radioactive sources, the removal of which shall be guided by radiation safety monitoring requirements;
- (C) Traumatically injured members that have been amputated and for which examination for either medical or legal reasons is not deemed necessary;
- (D) Foreign bodies (for example, bullets) that for legal reasons are given directly in the chain of custody to law enforcement representatives;
- (E) Specimens known to rarely, if ever, show pathological change, and removal of which is highly visible postoperatively, such as the foreskin from the circumcision of a newborn infant;
- (F) Placentas that are grossly normal and have been removed in the course of operative and non-operative obstetrics; and
- (G) Teeth, provided the number, including fragments, is recorded in the medical record.

84-11 Committees.

In addition to the medical staff committees (medical records, operating room, pharmacy and therapeutics, transfusion and blood products), the medical staff shall participate in the following hospital committees and monitoring functions: infection control, quality assurance, safety, and disaster planning.

84-12 Medical records committee.

- (A) The medical records committee has representation from medical staff, nursing, medical records department, and hospital administration. The majority of members shall be members of the medical staff. The committee shall meet at least quarterly and carry out the following duties:
 - (1) Review the quality of medical records for clinical pertinence and timely completion.
 - (2) Assure that each medical record or representative sample of records reflects the diagnosis, results of diagnostic tests, therapy rendered, condition, in-hospital progress of the patient, and condition of the patient at discharge.
 - (3) Review summary information regarding the timely completion of all medical records.
 - (4) Determine or recommend the format of the medical record, the forms used in the medical record, and the use of electronic data processing and storage systems for medical record purposes.
 - (5) Maintain written records of conclusions, recommendations, actions taken, and results of actions taken.

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THE OHIO STATE UNIVERSITY HOSPITALS
MEDICAL STAFF RULES AND REGULATIONS (contd)

(B) Each member of the medical staff shall conform to the policies established by the medical records committee, including the following:

(1) Chart contents

(a) The attending physician shall be responsible for the preparation of a complete medical record of each patient. This record shall include the following:

(i) Identification and related data.

(ii) Statement of present complaint.

(iii) History of present illness.

(iv) Previous personal history.

(v) Family history.

(vi) Physical examination.

(vii) Special reports, as those from:

(a) The clinical laboratory, including examination of tissues and autopsy findings, when applicable.

(b) The x-ray department.

(c) Consultants.

(viii) Provisional diagnosis.

(ix) Medical and surgical treatments.

(x) Progress notes.

(xi) Memorandum copy of the death certificate, when applicable.

(xii) Condition of patient at discharge, including instructions given at that time.

(xiii) Summary and final diagnosis as verified by the attending physician's signature.

(xiv) Documentation of informed consent.

(2) Deadlines and sanctions

THE OHIO STATE UNIVERSITY HOSPITALS
MEDICAL STAFF RULES AND REGULATIONS (contd)

- (a) The complete history and physical examination shall be recorded on the patient's chart no later than 24 hours after admission of the patient.
 - (b) When the history and physical examination, including the results of indicated laboratory studies and x-rays and the attending staff's notes, are not recorded in the chart before the time stated for a procedure, the procedure cannot proceed until the history, physical, and laboratory results are entered into the chart. In cases where such a delay would likely cause harm to the patient, this condition shall be entered into the chart by the attending physician, and the procedure may begin. When there is a disagreement concerning the urgency of the procedure, it will be adjudicated by the medical director or his designee.
 - (c) All procedures performed shall be fully described in the record by the responsible physician or the physician's designee within 24 hours of the time of completion of the procedure. An operative report must be dictated within 48 hours of an operation. The transcribed operative report must be signed by the attending surgeon within 21 days of the patient's discharge. Any operative report not dictated within 48 hours shall be deemed delinquent and the attending surgeon responsible will lose operating room privileges. A list will be prepared and distributed daily by the medical record administrator indicating the delinquent operative reports and the responsible attending surgeon. The surgeon will be given three days' notice of an intention to suspend operating room privileges. The pathologist shall make such examination as necessary to arrive at a satisfactory diagnosis. The pathologist's report shall then be included on the patient's record.
- (3) Discharges
- (a) Patients shall be discharged only on written order of the attending physician, or of the agent of the attending physician acting for and under the specific instructions of the attending physician. At the time of ordering the patient's discharge or at the time of next visit to the hospital, if the attending physician should have authorized a member of the post-M.D. student group to sign the order of discharge, the attending physician shall see that the record is complete. The attending physician is responsible for certifying the principal diagnosis, principal procedure, complications, comorbidities, and other significant O.R. procedures on the face sheet by the time of discharge. If a principal diagnosis cannot be determined in the absence of outstanding test results, the attending physician must record a "provisional" principal diagnosis by the time of

THE OHIO STATE UNIVERSITY HOSPITALS
MEDICAL STAFF RULES AND REGULATIONS (contd)

discharge. The medical records committee will advise the medical staff administrative committee of the compliance on the part of the medical staff with this provision.

- (b) The discharge summary for each patient must be dictated by the responsible physician or the physician's designee within seven days of discharge for any patient stay of more than 48 hours. A handwritten or dictated discharge summary must be completed within seven days of discharge for any patient stay of 48 hours or less. A dictated summary is required on all patients who die, regardless of length of stay. The medical record must be completed by the attending physician or, when applicable, by his designee within 21 days of discharge of the patient. Attending physicians who have incomplete records (of patients discharged for more than 21 days) assigned to them will have their admitting privileges suspended until all records are completed. A list of delinquent records, by attending physician, will be prepared and distributed by the medical records administrator once each week. The list will include the name of the responsible resident or intern when applicable. The attending physician will be given one week's notice of an intent to suspend. If an attempt is made by the attending physician, or his designee when applicable, to complete the record, and the record is not available, the record is not counted against the attending physician until the next list is prepared.

(4) Records storage and security

All patient's records, pathological examinations, slides, radiological films, photographic records, cardiographic records, laboratory reports, statistical evaluations, etc., are the property of the university hospitals and shall not be taken from university hospitals except on court order, duly filed with the medical record administrator or the hospital administration. The hospital administration may, under certain conditions, arrange for copies or reproductions of the above concerning patients' records to be made. Such copies may be removed from the hospitals after the medical record administrator or the proper administrative authority has received a written receipt thereof. In the case of readmission of the patient, all previous records or copies thereof shall be available for the use of the attending physician. Under normal circumstances, the original hospital records, pathological examinations, slides, radiological films, etc., will be maintained by the hospital for no less than five years. Microfilms, electronic tape recordings, and such other acceptable storage techniques will be used to maintain patients' records, following the above prescribed five years.

(5) Informed consent documentation

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THE OHIO STATE UNIVERSITY HOSPITALS
MEDICAL STAFF RULES AND REGULATIONS (contd)

- (a) Where informed consent is required for a special procedure (such as surgical operation), documentation that such consent has been obtained must be made in the hospital record prior to the initiation of the procedure.
- (b) In the case of limb amputation, a limb disposition form, in duplicate, must be signed prior to the operation.

(6) Sterilization consent

Prior to the performance of an operative procedure for the expressed purpose of sterilization of a (male or female) patient, the attending physician will be responsible for the completion of the legal forms provided by the hospital and signed by the patient. Patients who are enrolled in the Medicaid program must have their forms signed at least 30 days prior to the procedure. Informed consent must also be obtained from one of the parents or the guardian of an unmarried minor.

(7) Criteria changes

The medical records committee shall define the criteria for record completion with approval of the medical staff.

(8) Signature stamps

Signature stamps may be used by physicians only when there is a statement on file with the medical records department stating that the physician maintains possession of the stamp and will be the only person who will use the stamp in the medical record. The use of the stamp may not be delegated by the physician to any other person for the purpose of affixing a signature to an entry in the medical record.

84-13 Operating room committee

- (A) The operating room committee shall have representation from all clinical departments utilizing the operating room, associate medical director, vice chairman of the department of surgery, director of operating room nursing, assistant executive director, director of admitting, and the operating room coordinator. The committee shall meet at least quarterly and carry out the following duties:
 - (1). Insure that surgical privileges have been delineated for each member of the medical staff who uses the operating rooms.
 - (2) Develop written policies and procedures concerning the scope and provision of care in the surgical suite in cooperation with the departments and services concerned.
 - (3) Consider problems in operating room functions brought to its attention by any of its members.

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THE OHIO STATE UNIVERSITY HOSPITALS
MEDICAL STAFF RULES AND REGULATIONS (contd)

- (4) Monitor medical staff compliance with operating room policies established for patient safety, infection control, and smooth functioning of the operating rooms.
 - (5) Develop and make recommendations to the medical staff administrative committee regarding conduct of medical staff in the operating rooms.
 - (6) Maintain written records of actions taken, and results of those actions, and make these available to each committee member, the vice president of health services, the medical director, the executive director, and the associate executive directors.
- (B) Each member of the medical staff shall conform to the policies established by the operating room committee, including the following:

A member of the attending staff and a member of the anesthesiology staff shall be present in person for crucial periods of surgical procedures and anesthetization, shall be familiar with the progress of the procedure, and be immediately available at all times during the procedure.

84-14 Pharmacy and therapeutics committee.

The pharmacy and therapeutics committee has representation from medical staff, nursing, pharmacy department, college of pharmacy, and hospital administration. The majority of members shall be members of the medical staff. The committee shall meet at least quarterly and carry out the following duties:

- (A) Review the appropriateness, safety, and effectiveness of the prophylactic, empiric, and therapeutic use of drugs, including antibiotics, through the analysis of individual or aggregate patterns of drug practice.
- (B) Develop or approve policies and procedures relating to the selection, distribution, use, handling, and administration of drugs and diagnostic testing materials.
- (C) Review all significant untoward drug reactions.
- (D) Maintain the Formulary of Accepted Drugs with review of proposed additions and deletions and review of use of non-formulary drugs within the institution.
- (E) Maintain written reports of conclusions, recommendations, actions taken, and the results of actions taken, and report these at least quarterly to the medical staff administrative committee.

84-15 Transfusion committee.

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MEDICAL STAFF RULES AND REGULATIONS (contd)

- (A) The transfusion committee has representation from physicians of the clinical departments frequently using blood products, nursing, transfusion service, and hospital administration. The majority of members shall be members of the medical staff. The committee shall meet at least quarterly and carry out the following duties:
- (1) Evaluate the appropriateness of all transfusions, including the use of whole blood and blood components.
 - (2) Evaluate all confirmed or suspected transfusion reactions.
 - (3) Develop and recommend to the medical staff administrative committee policies and procedures relating to the distribution, use, handling, and administration of blood and blood components.
 - (4) Review the adequacy of transfusion services to meet the needs of patients.
 - (5) Review ordering practices for blood and blood products.
 - (6) Provide a liaison between the clinical departments, nursing services, hospital administration, and the transfusion service.
 - (7) Use clinically valid criteria for screening and more intensive evaluation of known or suspected problems in blood usage.
 - (8) Keep written records of meetings, conclusions, recommendations, and actions taken, and the results of actions taken, and make these available to each committee member and to the medical staff administrative committee.
- (B) Each member of the medical staff shall conform to the policies established by the transfusion committee, including the following:
- (1) All pregnant patients admitted for delivery or abortion shall be tested for Rh antigen.
 - (2) No medicine may be added to blood or blood products.
- 84-16 Mechanism for changing rules and regulations.
- (A) These rules and regulations may be amended upon recommendation of the medical staff administrative committee.
- (B) Proposals for amendment to the rules and regulations may be made by any member of the attending staff. Such proposals shall be referred to the medical staff bylaws committee for review. Notice will then be given at any meeting of the medical staff administrative committee and this notice will be tabled until the next meeting. Two-thirds vote of the members present will be required for adoption.

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THE OHIO STATE UNIVERSITY HOSPITALS
MEDICAL STAFF RULES AND REGULATIONS (contd)

- (C) Before approval the medical director or chief of staff shall circulate the proposed change to all medical staff, allowing adequate time for comment.
- (D) Amendments so accepted shall become effective when approved by the vice president for health services and presented to the Ohio state university hospitals' board.
- (E) These rules and regulations shall not conflict with the rules and regulations of the board of trustees of the Ohio state university.

84-17 Adoption of the rules and regulations.

These rules and regulations shall be adopted by the Medical Staff Administrative Committee and forwarded for approval in the same fashion as provided in Section 84-16.

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

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DISTINGUISHED SERVICE AWARDS

Resolution No. 85-85

Synopsis: Recommendation for five 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 five individuals for approval by the Board of Trustees to receive the Distinguished Service Award at a time convenient to the University and the recipients:

Molly Caren
F. Miles Flickinger
George Greenleaf
John W. Nelson
D. Ransom Whitney

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

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March 1, 1985 meeting, Board of Trustees

DEGREES AND CERTIFICATES - WINTER QUARTER COMMENCEMENT

Resolution No. 85-86

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 22, 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 Mrs. Bowser, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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HONORARY DEGREE

Resolution No. 85-87

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:

Myrl H. Shoemaker

Doctor of Laws

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

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March 1, 1985 meeting, Board of Trustees

PERSONNEL ACTIONS

Resolution No. 85-88

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the February 1, 1985 meeting of the Board, including the following Appointment, Appointment of Chairperson of Department, Medical Staff--Appointments, Medical Staff--Reinstatements, Medical Staff--Reappointments, Leave of Absence Without Salary--Extension, Leave of Absence Without Salary--Cancellation, and Emeritus Titles as detailed in the University Budget be approved.

Appointment

Name:	FREDERICK E. HUTCHINSON
Title:	Director and Professor in the Department of Agronomy
Office:	Ohio Agricultural Research and Development Center
Effective:	July 1, 1985
Salary:	\$75,000.00
Present Position:	Executive Director, Board for International Food and Agricultural Development, AID

Appointment of Chairperson of Department

June 17, 1985 through June 30, 1989

Psychiatry

Henry A. Nasrallah

Medical Staff--Appointments

Effective July 1, 1983

Thomas R. Carter, M.D.

Limited Staff in Orthopedic Surgery; Clinical Instructor HS

Effective October 1, 1984

Ann M. Snyder, M.D.

Courtesy Staff - General Psychiatry; Clinical Instructor

Effective November 1, 1984

Thomas Mason, M.D.

Limited Staff in Radiology; Clinical Instructor HS

Effective December 1, 1984

William D. Barker, M.D.

Courtesy Staff in Orthopedic Surgery; Clinical Instructor

March 1, 1985 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Medical Staff--Appointments (contd)

Effective December 1, 1984 (contd)

Robert A. Durbin, M.D.

Courtesy Staff in Orthopedic Surgery; Clinical Instructor

Janice Moranz, M.D.

Limited Staff in Family Medicine; Clinical Instructor HS

Effective January 1, 1985

William E. Maher, M.D.

Attending Staff in Infectious Diseases; Assistant Professor

Jeffrey Vasiloff, M.D.

Limited Staff in Endocrinology; Clinical Instructor HS

Medical Staff--Reinstatements

Effective December 12, 1984

Edwin M. Chang, M.D.

Limited Staff in Neurological Surgery

John T. Cozzone, M.D.

Limited Staff in Plastic Surgery

William R. Finkelmeier, M.D.

Limited Staff in General Surgery

William R. Miely, M.D.

Limited Staff in Orthopedic Surgery

Jose' A. Ramirez, M.D.

Limited Staff in Orthopedic Surgery

Omran M. Shamam, M.D.

Limited Staff in Radiology

Effective January 9, 1985

Abdussalam A. Kamag, M.D.

Limited Staff in Surgery

March 1, 1985 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Medical Staff--Reappointments

Effective December 12, 1984

Deborah J. Kennedy, M.D.

Courtesy Staff - Obstetrics & Gynecology

Richard Simmons, M.D.

Attending Staff - Ophthalmology

Leave of Absence Without Salary--Extension

SAMMY R. ALZOFON, Instructor, University Libraries, extension effective February 1, 1985 through June 30, 1985, for personal reasons.

Leave of Absence Without Salary--Cancellation

JAMES R. BARTHOLOMEW, Associate Professor, Department of History, effective Winter Quarter 1985.

Emeritus Titles

HELEN P. ALKIRE, Department of Dance, with the title Professor Emeritus, effective July 1, 1985.

LEON M. DORFMAN, Department of Chemistry, with the title Professor Emeritus, effective March 1, 1985.

JACK R. FRYMIER, Department of Policy and Leadership Education, with the title Professor Emeritus, effective October 1, 1984.

ANTHONY C. RICCIO, Department of Human Services Education, with the title Professor Emeritus, effective February 1, 1985.

RICHARD U. SHERMAN, JR., Department of Economics, with the title Professor Emeritus, effective April 1, 1985.

EDWARD W. STROUBE, Department of Agronomy, with the title Professor Emeritus, effective March 1, 1985.

GEORGE S. TAYLOR, Department of Agronomy, with the title Professor Emeritus, effective April 1, 1985.

BENJAMIN H. WILLIAMS, College of Dentistry - Orthodontics, with the title Professor Emeritus, effective February 1, 1985.

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

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March 1, 1985 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM

Resolution No. 85-89

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.

Daniel T. Hughes

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 18, 1985, of Daniel T. Hughes, Professor in the Department of Anthropology and in the College of Law.

Daniel T. Hughes was born on February 7, 1930, in New York, New York. He joined the Department of Anthropology at The Ohio State University in 1970 where he also served as the Department Chairperson between 1976-84. In 1984, he was also appointed as a Professor in the College of Law.

Dr. Hughes earned an A.B. in English (1953), the Ph.L. in Philosophy (1955), and the M.A. in Education (1956) at Bellarmine College, New York. After attending the Summer Institute of Linguistics at the University of Washington in 1961, he earned the S.T.B. in Theology (1962) from Woodstock College, Maryland. He directed research courses in Linguistics and Political Science at the University of Hawaii in Fall of 1965 and earned the Ph.D. in Anthropology from Catholic University, Washington, D.C. in 1967.

In addition to teaching, Dr. Hughes was an active participant in a number of university committees--i.e., the University Senate, the University Graduate Council, and the Search Committee for Dean of the Graduate School. Professionally, he was an elected member to the Board of Directors of the Association for Social Anthropology in Oceania, a Research Fellow in Ohio University's Center for International Studies, a member of the Tropical Renewable Resources Program at The Ohio State University, and a Fellow of the American Anthropological Association. These positions reflected his commitment to research in the Philippines and Oceania, specifically Micronesia and Ponape in the Caroline Islands. Most recently, Dr. Hughes conducted a pilot study on the emerging legal systems of the Federated States of Micronesia. The author and editor of several books, he also published numerous articles on the political and legal systems found in Oceania. His background and interest in the Catholic Church was manifested in a series of articles concerning the effects of missionization on the cultures studied.

His distinguished career was recognized by many awards and honors in his lifetime. He is listed in Biography International (1985), Community Leaders of the World (1984, Commemorative Issue), Contemporary Authors (1985), The International Who's Who of Contemporary Achievement (1984), Who's Who in America (1984), and American Men and Women of Science (13th Edition), to name only the most recent additions to his list of honors.

March 1, 1985 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Daniel T. Hughes (contd)

On behalf of the University, the Board of Trustees expresses to the family of Professor Daniel T. Hughes 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 sincere appreciation of the Board's realization of the loss that the family, the University and his many friends and associates have sustained.

David O. Jones, DVM, MS, MPH

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 27, 1985, of David O. Jones, Professor Emeritus in the Department of Veterinary Preventive Medicine.

A native of Cleveland, Ohio, Dr. Jones earned his Doctor of Veterinary Medicine degree from The Ohio State University in 1943 then entered a large animal practice in Camden, Ohio. He became an Instructor at Iowa State University in 1947, returned to OSU in 1949, completed a Master of Science degree in 1954, and was promoted at OSU to Assistant Professor, Associate Professor and full Professor in 1960. During this time he took a one-year leave of absence to earn a Master of Public Health degree from Harvard University in 1956.

Dr. Jones served in all three branches of the United States Armed Forces and, after being discharged from active duty in 1946, he later served as a veterinary officer in the U. S. Air Force Reserve.

Following his academic training, Dr. Jones was instrumental in establishing various University programs including a veterinary out-patient program which provided preventive medicine, immunization and treatment to all livestock maintained for food production for the State of Ohio penal and mental institution inmates. He also established a successful rabies prevention and vaccination program for all faculty and students in the College of Veterinary Medicine.

Dr. Jones had been an intercollegiate wrestler and was captain of the OSU wrestling team. He was a member of Sigma Xi, Phi Zeta, Phi Eta Sigma and Phi Tau Sigma, all honorary fraternities. He served on the Board of the Capital Humane Society and Pilot Dogs, was active in Boy Scouts, his church and community, and was Assistant Health Commissioner and Health Commissioner for the City of Upper Arlington for 28 years.

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.

March 1, 1985 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Richard L. Meiling

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 14, 1984, of Richard L. Meiling, Vice President Emeritus in the Office of Health Sciences and Professor Emeritus in the Department of Obstetrics and Gynecology.

Professor Meiling was born in Springfield, Ohio, on December 12, 1908. After graduating from Wittenberg University he went to Munich, Germany, where he studied medicine and earned his degree Doctor of Medicine at the Ludwig-Maximilian-University, Munich. He then became a surgical intern at The Ohio State University in 1938 and after WW II returned as an Assistant Professor in Obstetrics and Gynecology in 1947. He was promoted to Associate Professor in 1951 and to Professor in 1953.

He was appointed Associate Dean of the College of Medicine and Associate Director of University Hospitals in 1951. In 1960, he was selected to be Dean and Director. He was appointed as the first Vice President for Medical Affairs in 1970. On July 1, 1974, he retired and was then appointed Vice President Emeritus and Professor Emeritus.

From Wittenberg University, Professor Meiling received the honorary degree Doctor of Science in 1950. The Ludwig-Maximilian-University conferred upon him the "Venia Legendi" in 1952. In 1971, The Ohio State University established the "Richard Lewis Meiling Endowed Chair in Obstetrics and Gynecology." In 1977, it conferred upon him the honorary degree Doctor of Humane Letters. The University of Athens, Greece, presented him with its "Certificate of Excellence" in 1978. In 1984, The Ohio State University recognized Professor Meiling's many contributions by naming the Medical Administration Building, "Richard Lewis Meiling Hall."

During WW II, Professor Meiling was on active military duty from 1940 to 1946. He served as assistant to the Secretary of Defense for Medical and Health Affairs from 1948 to 1951. He was promoted to Brigadier General in 1949 and to Major General in 1961. He retired from the U. S. Air Force in 1968 and was awarded the U. S. Air Force Distinguished Service Medal.

Professor Meiling held memberships in important national organizations. He was a member of the House of Delegates of the American Medical Association. He served on the AMA's Commission on Research, the Long Range Planning and Development Council, the Council on National Emergency Medical Care, and the Council on National Security. He was a Founding Fellow of the American College of Obstetricians and Gynecologists, a Diplomate of the American Board of Obstetrics and Gynecology, a Diplomate of the American Board of Preventive Medicine (Aviation Medicine), and a Governor of the American College of Surgeons. He also served as President of the Ohio Medical Association from 1956 to 1957.

Professor Meiling also served on the boards of many charitable organizations and was a board member of several industrial, financial, business, and insurance corporations, nationally and statewide.

March 1, 1985 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Richard L. Meiling (contd)

On behalf of the University, the Board of Trustees expresses to the family of Professor Meiling 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 sincere appreciation of the Board's realization of the loss that the family, the University and his many friends have sustained.

Oskar Seidlin

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 11, 1984, of Oskar Seidlin, Professor Emeritus in the Department of German.

Professor Seidlin was born in Konigshutte, Oberschlesien, Germany, on February 17, 1911. He received his doctorate from the University of Basel in 1935, and emigrated to the United States in 1938. He worked for a time in New York City as secretary to Thomas Mann and Erika Mann, and began his teaching career as lecturer at Smith College in 1941.

After serving in the U. S. Army, 1942-46, Professor Seidlin came to The Ohio State University, where his work as teacher and scholar soon brought the Department of German an international reputation for excellence. Among the honors bestowed upon him were the Alumni Distinguished Teaching Award, 1960; the Arts and Sciences Good Teaching Award, 1955; the Eichendorff Medal, 1948; Golden Goethe Medal, 1963; the Deutsche Akademie fur Sprache und Dichtung Prize for Germanic Studies Abroad, 1958; and the Honorary Doctor of Humane Letters, University of Michigan, 1969. In 1966, he was designated Regents Professor at The Ohio State University; in 1972 he was designated Regents Professor Emeritus and then he moved to Indiana University.

Among Oskar Seidlin's publications are an edition of the correspondence between Schnitzler and Brahm, 1953, and several volumes of essays: Von Goethe zu Thomas Mann, 1963; Versuche uber Eichendorff, 1965; Klassische und moderne Klassiker, 1972; Vom erwachendem BewuBtsein und vom Sundenfall, 1979. As both writer and teacher, Professor Seidlin was a man of extraordinary poetic sensitivity and intensity (he was himself the author of a volume of poetry, 1938, and of two children's books). At the close of one particularly lively seminar on Schiller, a graduate student once asked him: "Why do you always get so excited? You act as if the Holy Ghost had appeared." Oskar Seidlin answered: "What do you mean 'as if'?" When a great poet writes, that is the moment when the Holy Ghost appears." The answer is characteristic of his affirmation of humanism, and his dedication to 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.

March 1, 1985 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

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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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 85-90

Synopsis: The reports on contracts, grants, and gifts and the summary for January 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 January 1985 be approved.

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

SUMMARY FOR JANUARY 1985

	No. of Projects	Support Level
The Ohio State University Research Foundation	68	\$4,487,857.22
Engineering Experiment Station	37	\$ 346,582.00
		\$4,834,439.22
The Ohio State University Development Fund		
Establishment of Named Funds		
Merrell Dow Professorship in Pharmaceu- tical Administration (Supplement the salary of a faculty member in the pharmaceutical adminis- tration division in the College of Pharmacy)		\$ 125,000.00

March 1, 1985 meeting, Board of Trustees

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

SUMMARY FOR JANUARY 1985 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

The George G. Greenleaf Agri-Industry Award (Awards - College of Agriculture)	\$ 60,000.00
Jessie and Harold Zieg OSU Cancer Research Institute Endowment Fund (Support cancer research)	\$ 20,000.00
The Woody Hayes Cancer Fund in the College of Medicine (Support cancer research)	\$ 17,365.00
Richard J. and Martha D. Denman Fund (Establishment of a full professorship)	\$ 12,500.00
The Dwight DeLong Memorial in Entomology (Assist one or more students to attend professional meetings)	\$ 8,980.00
The Home Economics Cooperative Extension Fund (Support for activities and projects)	\$ 6,100.00
The W. Keith Davis Memorial Scholarship Fund (Scholarship assistance)	\$ 5,750.00
Doris Gildea-Morgan and Thomas E. Morgan Fund (Research into public employees collective bargaining problems)	\$ 5,000.00

Change in Name of Fund

From: The Noel F. George Chair in Law Fund
To: Mildred S. and Noel F. George Chair in Law Fund

Change of Name and Description of Named Funds

From: College of Law Senior Class Fund
To: The Law Class of '67 Endowed Fund

From: Mortar Board Alumnae Scholarship Fund
To: Mortar Board Alumni Scholarship Fund

March 1, 1985 meeting, Board of Trustees

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

SUMMARY FOR JANUARY 1985 (contd)

The Ohio State University Development Fund (contd)

Report from Presidents Club

Members to date	4,720
1984-85 members: fiscal year to date	59
New members - January 1985	22

New Presidents Club Members - January 1985

Lee R. Beck	T. Michael Murphy
James E. Bradley	Mrs. Warren C. Nelson
Carlton V. Broden	John B. Nordholt, III
Sheldon H. Davis	Ohio Seed Improvement Assoc.
GTE	(John E. Armstrong)
(Robert Case)	George A. Ross
Richard B. Hartley	Marion Rowley
Donald M. Hild	Service Supply Ltd.
Robert B. Hoyt	(Ben Groves)
Industrial Products Group	Telsystems
(Richard E. Helland)	(Robert Case)
Fred H. Johnson	Harry L. Thoman, Jr.
Dorothy E. Klotz	Kathleen Vesha
	Don J. Vicic

March 1, 1985 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - January 1985

Federal Research Contracts/Grants

\$270,158.00 - 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) and Department of Pathology (K. P. Clausen), 1 January 1985 through 31 December 1985. (Project 761094 - Continuation)

\$252,140.00 - Department of Education, Office of Educational Resources and Improvements, Washington, DC, Operation of an Educational Resources Information Center (ERIC) Clearinghouse on Science, Mathematics and Environmental Education, Department of Educational Theory and Practice (R. W. Howe), 1 January 1985 through 30 August 1985. (Project 763390 - Continuation)

\$204,356.00 - Department of the Navy, Office of Naval Research, Arlington, VA, Microstructure Development and Failure Mechanisms of Ceramic Capacitor Dielectrics, Department of Ceramic Engineering (D. W. Readey), 1 October 1984 through 30 April 1986. (Project 763540 - Continuation)

\$198,800.00 - Department of Education, Office of Postsecondary Education, Washington, DC, Fellowship Program GPOP, Academic Affairs Administration (A. S. Pruitt), 1 September 1985 through 31 August 1986. (Project 764563 - Continuation)

\$196,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Computer Graphics Facility, Department of Chemistry (M. H. Klapper), 1 December 1984 through 30 November 1985. (Project 764541 - New)

\$151,468.00 - 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 1985 through 31 December 1985. (Project 762976 - New)

\$133,000.00 - National Science Foundation, Washington, DC, Relaxation and Magnetic Ordering in Highly Polarized Spin Systems, Department of Physics (J. R. Gaines), 1 December 1984 through 31 July 1986. (Project 764313 - Continuation)

\$118,948.00 - Environmental Protection Agency, Washington, DC, Optimization of Surfactant-Aided Desorption Techniques, Department of Civil Engineering (A. J. Rubin), 1 February 1985 through 31 January 1987. (Project 764540 - New)

March 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)

\$112,881.00 - Environmental Protection Agency, Washington, DC, Another Mechanism for the Oxygenation of Environmental Genotoxic PAH Compounds to Human Carcinogens: In Vitro Transformation in Human Cells, College of Pharmacy (D. T. Witlak), 2 January 1985 through 1 January 1987. (Project 764536 - New)

\$110,000.00 - 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, Jr.), 16 November 1984 through 30 September 1985. (Project 764394 - Continuation)

\$101,353.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Professional Oncology Education Program, Department of Surgery (A. G. James) and College of Medicine - Administration (C. B. Meleca), 1 January 1985 through 31 December 1985. (Project 761412 - Continuation)

\$100,118.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, OH, Tailored Airfoils for Wind Turbine Applications, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and J. D. Lee), 1 January 1985 through 31 December 1985. (Project 763285 - Continuation)

\$99,118.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Effects of Aging and GI Disease on Digoxin Metabolism, College of Pharmacy (R. H. Reuning and L. W. Robertson) and Department of Medicine (J. H. Caldwell and R. L. Donnerberg), 1 January 1985 through 31 December 1985. (Project 763950 - Continuation)

\$89,925.00 - 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 1985 through 31 December 1985. (Project 761012 - Continuation)

\$74,569.00 - 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), 12 February 1985 through 11 February 1986. (Project 763822 - Continuation)

\$69,000.00 - 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), 16 January 1985 through 30 September 1985. (Project 763524 - Continuation)

March 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)

\$60,000.00 - National Aeronautics and Space Administration, George C. Marshall Space Flight Center, 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 December 1984 through 31 December 1985. (Project 763891 - Continuation)

\$55,500.00 - National Science Foundation, Washington, DC, Mechanisms of Nucleoside Kinase Regulation, Department of Biochemistry (D. H. Ives), 15 January 1985 through 14 January 1986. (Project 764531 - Continuation)

\$54,939.00 - Department of Energy, Pittsburgh Energy Technology Center, Pittsburgh, PA, Effect of in Situ Heat Treatment on Coal Char Reactivity, Department of Mechanical Engineering (R. H. Essenhigh), 15 August 1985 through 14 May 1986. (Project 764092 - Continuation)

\$43,075.00 - National Science Foundation, Washington, DC, Kinetics and Spectroscopy of Carbenes and Biradicals, Department of Chemistry (M. S. Platz), 1 November 1984 through 30 November 1985. (Project 763341 - Continuation)

\$30,000.00 - Environmental Protection Agency, Washington, DC, Dietary Factors on the Uptake of Aluminum from Drinking Water, Department of Pharmacology (D. Couri), 19 November 1984 through 18 November 1985. (Project 764449 - Continuation)

\$30,000.00 - National Endowment for the Arts, Washington, DC, Clothing Designs for Mastectomies, Department of Textiles and Clothing (E. A. Meacham and N. A. Rudd) and Cooperative Extension State Operations (N. A. Deyo), 3 December 1984 through 2 December 1985. (Project 764554 - New)

\$28,387.00 - National Science Foundation, Washington, DC, The Formation of Science in Japan, Department of History (J. R. Bartholomew), 1 January 1985 through 31 December 1985. (Project 764552 - New)

\$20,004.00 - 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), 1 January 1985 through 31 December 1985. (Project 764537 - New)

March 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)

\$12,500.00 - 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, Agricultural Economics and Rural Sociology - OARDC and Agricultural Economics and Rural Sociology (D. L. Forster) and Agricultural Economics and Rural Sociology and Cooperative Extension State Operations (R. D. Duvick), 26 December 1984 through 30 September 1986. (Project 764542 - New)

\$9,935.00 - Department of Transportation, Federal Aviation Administration, Washington, DC, Feasibility Study for the Development of an Objective Assessment Methodology for Cockpit Resource Management Training, Department of Aviation (R. S. Jensen), 1 January 1985 through 30 April 1985. (Project 764523 - New)

\$5,076.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Steric Course of Nucleic Acid Methylation by Carcinogens, Department of Chemistry (H. G. Floss and T. M. Zydowsky), 23 November 1984 through 22 August 1985. (Project 763317 - Continuation)

\$3,230.49 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, OH, Improvement of the Mechanical Performance of the Thorax of the Hybrid III Dummy, Department of Mechanical Engineering (D. A. Guenther), 1 September 1984 through 30 September 1984. (Project 763710 - Continuation)

TOTAL - FEDERAL AWARDS

\$2,634,480.49

State of Ohio Research Contracts/Grants

\$140,471.00 - State of Ohio, Department of Health, Columbus, OH, Care of the High Risk Mother and Infant, Department of Pediatrics (L. Cordero) and Department of Obstetrics and Gynecology (F. P. Zuspan), 1 October 1984 through 30 September 1985. (Project 764448 - Continuation)

\$80,402.00 - State of Ohio, Department of Mental Retardation, Columbus, OH, Deinstitutionalization Task Force Implementation, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 December 1984 through 30 November 1985. (Project 763871 - Continuation)

\$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), 12 January 1985 through 31 December 1985. (Project 763404 - Continuation)

March 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)

\$1,639.00 - State of Ohio, Department of Mental Health, Columbus, OH, Differential Effects of Mood Alteration on Cognition, Department of Psychology (P. A. Marks and L. Nelson), 1 January 1985 through 30 June 1985. (Project 764548 - New)

TOTAL - STATE OF OHIO AWARDS

\$ 272,512.00

Industrial Research Contracts/Grants

\$145,250.00 - Ross Laboratories, Columbus, OH, Germ-Free Piglet Studies of Rotavirus Diarrhea, Department of Veterinary Pathobiology (G. S. Krakowka), 1 January 1985 through 31 December 1986. (Project 764550 - New)

\$68,157.00 - Pfizer, Inc., Groton, CT, Evaluation of the Tolerance of Normal Subjects to a Single Dose of CP-61,146 - A Double-Blind, Placebo-Controlled Study, Department of Pharmacology (N. Gerber), 1 November 1984 through 30 June 1985. (Project 764001 - Continuation)

\$63,293.00 - The Procter & Gamble Company, Cincinnati, OH, A Double-Blind, Parallel Comparison Investigating the Drug Effect of a Currently Available Nutritional Supplement (DL-Phenylalanine) on the Analgesic Potency of Aspirin following Tooth Extraction in Dental Patients, College of Dentistry - Oral Surgery and Diagnostic Services (J. M. Weaver and F. M. Beck), 1 January 1985 through 31 December 1985. (Project 764556 - New)

\$59,747.00 - 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 31 December 1986. (Project 764551 - New)

\$51,330.00 - Cummins Engine Company, Columbus, IN, Basic Mechanisms of Sliding Friction and Wear - Wear Mechanisms in Engines, Department of Metallurgical Engineering (D. A. Rigney), 1 January 1985 through 30 June 1985. (Project 764561 - New)

\$39,778.00 - Monsanto Company, St. Louis, MO, Responses of Lactating Dairy Cows to Polychlorinated Biphenyls, Department of Dairy Science - OARDC (L. B. Willett), 26 August 1983 through 31 October 1985. (Project 763767 - Continuation)

\$31,917.33 - Oxford Research International Corp., Clifton, NJ, A Double-Blind Placebo-Controlled Parallel Study to Determine the Safety and Efficacy of Two Doses of Coenzyme Q10 in Patients with Angina Pectoris, Department of Medicine (H. Boudoulas), 1 January 1985 through 31 December 1985. (Project 764549 - New)

March 1, 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)

\$26,882.00 - Oxford Research International Corp., Clifton, NJ, Protocol for a Double-Blind Placebo-Controlled Escalating Multiple Dose Study to Evaluate the Safety and Toleration of Suloctidil (Continental Pharma) in Healthy Geriatric Volunteers, Department of Pharmacology (N. Gerber), 1 October 1984 through 30 June 1985. (Project 764001 - Continuation)

\$22,478.00 - Pfizer, Inc., Groton, CT, Phase I Double-Blind, Placebo-Controlled Single Dose Study to Establish Toleration, Pharmacokinetics and Bioavailability of CP-63,748, Department of Pharmacology (N. Gerber), 1 June 1984 through 30 November 1984. (Project 764001 - Continuation)

\$22,370.00 - Pioneer Hi-Bred International, Inc., Johnston, IA, Maize Rhabdovirus Identification and Characterization, Department of Plant Pathology - OARDC (D. T. Gordon) and Department of Entomology - OARDC (L. R. Nault), 1 January 1985 through 31 December 1985. (Project 763430 - Continuation)

\$16,000.00 - Wyeth Laboratories, Philadelphia, PA, Multi-center Evaluation of Open-Label Subcutaneous Dezocine (10 to 20 mg) in Patients with Chronic Cancer Pain, Department of Surgery (E. A. Woltering) and Department of Pharmacology (N. Gerber), 1 November 1984 through 30 June 1985. (Project 764001 - New)

\$12,945.60 - Defense Systems, Inc., McLean, VA, Content Analysis Applications to Foreign Intelligence Topics, Mershon Center for Education (M. G. Hermann), 7 December 1984 through 15 July 1985. (Project 764535 - New)

\$3,697.50 - Sandoz, Inc., East Hanover, NJ, Feasibility of Developing a Vaccine for Controlling Hypertension, Department of Obstetrics and Gynecology (V. C. Stevens), 8 January 1985 through 1 August 1985. (Project 764543 - New)

\$2,480.00 - Agron Corporation, London, OH, Effect of Aerobic Fermentation Production Reproductive Performance, Diet Consumption and Water Intake of Laying Hens, Phase I, Department of Poultry Science (E. C. Naber), 1 January 1985 through 30 June 1985. (Project 764526 - New)

\$1,739.30 - Oxford Research International Corporation, Clifton, NJ, Protocol for a Double-Blind Placebo-Controlled Escalating Multiple Dose Study to Evaluate the Safety and Toleration of Suloctidil (Continental Pharma) in Healthy Geriatric Volunteers, Department of Pharmacology (N. Gerber), 1 October 1984 through 31 December 1984. (Project 764001 - Continuation)

March 1, 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)

\$1,250.00 - Adria Laboratories, Dublin, OH, Bioavailability of Triamide, Department of Pharmacology (N. Gerber), 1 November 1984 through 31 December 1984. (Project 764001 - Continuation)

TOTAL - INDUSTRIAL AWARDS

\$ 569,314.73

Other Non-Federal Research Contracts/Grants

\$413,003.00 - Midwest Universities Consortium for International Activities, Inc., Champaign, IL, Burma Maize and Oilseeds Production Project, International Programs in Agriculture (H. D. Bauman), 22 September 1982 through 26 October 1986. (Project 763368 - Continuation)

\$132,093.00 - W. K. Kellogg Foundation, Battle Creek, MI, Inter-professional Development of Clinical and Continuing Education by the Commission on Interprofessional Education and Practice, Department of Educational Policy and Leadership (L. L. Cunningham), 1 October 1984 through 30 September 1985. (Project 762825 - Continuation)

\$128,720.00 - American Cancer Society, New York, NY, Biochemical Pharmacology of New Aromatase Inhibitors for the Treatment of Estrogen-Dependent Cancers, College of Pharmacy (R. W. Bruegge-meier), 1 January 1985 through 31 December 1986. (Project 764529 - New)

\$60,886.00 - Iowa State University, Ames, IA, Ultrasonic Non-destructive Evaluation of Aluminum Cast Materials, Department of Welding Engineering (L. Adler), 1 October 1984 through 30 September 1985. (Project 764431 - Continuation)

\$52,500.00 - The Petroleum Research Fund, Washington, DC, State Specific Studies of Molecules Produced at Surfaces by Ion Bombardment, Department of Chemistry (P. L. Jones), 1 January 1985 through 31 August 1988. (Project 764547 - New)

\$33,360.00 - Pennsylvania Department of Education, Harrisburg, PA, Consortium for the Development of Professional Materials for Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1984 through 30 June 1985. (Project 764557 - New)

\$30,000.00 - California Institute of Technology, Pasadena, CA, Support of the NASA Propagation Studies and Measurement Program, Department of Electrical Engineering, ElectroScience Laboratory (C. A. Levis and E. K. Damon), 1 October 1984 through 31 December 1985. (Project 763692 - Continuation)

March 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)

\$29,593.00 - 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 1985 through 31 December 1985. (Project 764524 - New)

\$24,500.00 - Muscular Dystrophy Association, New York, NY, Mechanism of Action of Calcium Binding Proteins, Department of Physiological Chemistry (J. D. Johnson), 1 January 1985 through 31 December 1985. (Project 763866 - Continuation)

\$23,287.00 - Ohio Cancer Research Associates, Columbus, OH, Function of the Herpes Simplex Virus Deoxyribonuclease, Department of Medical Microbiology and Immunology (D. S. Parris), 1 December 1984 through 30 November 1985. (Project 763919 - Continuation)

\$15,411.00 - Danforth Foundation, St. Louis, MO, Improving the High School World History Course, Mershon Center for Education (R. B. Woyach), 1 January 1985 through 28 February 1987. (Project 764546 - New)

\$12,000.00 - J. F. Ingram State Technical College, Deatsville, AL, Ohio Department of Rehabilitation and Correction, Columbus, OH, Michigan Department of Corrections, Lansing, MI and Maryland State Department of Education, Baltimore, MD, National Corrections Education Consortium, The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1984 through 30 September 1985. (Project 764553 - New)

\$12,000.00 - Southeastern Center for Electrical Engineering Education, St. Cloud, FL, SiC Fiber Reinforced Zirconia-Magnesia-Aluminosilicate Glass-Ceramic Composites, Department of Ceramic Engineering (C. H. Drummond, III), 1 November 1984 through 31 October 1985. (Project 764538 - New)

\$11,140.00 - Columbus Foundation, Columbus, OH, Alfred L. Willson Conference Planning Grant, Department of Educational Policy and Leadership (L. L. Cunningham), 1 December 1984 through 30 September 1986. (Project 764530 - Continuation)

\$9,955.00 - The Deafness Research Foundation, New York, NY, Velocity and Acceleration Limits of Smooth Pursuit Eye Movements in Normal Humans, Department of Otolaryngology (K. Barin), 1 January 1985 through 31 December 1985. (Project 764532 - New)

\$9,000.00 - Battelle Memorial Institute, Columbus, OH, Development of Nondestructive Testing Expert System Improvements, Department of Computer and Information Science (B. Chandrasekaran), 16 December 1984 through 15 July 1985. (Project 764544 - New)

March 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)

\$7,518.00 - University of New Hampshire, Durham, NH, Screen Water Filtration Device for Amoebicidal Properties, Department of Civil Engineering (A. J. Rubin), 1 August 1984 through 31 July 1985. (Project 764545 - New).

\$4,000.00 - Caldwell Community College and Technical Institute, Hudson, NC and Dallas County Community College District, Dallas, TX, National Alliance of Postsecondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1984 through 30 June 1985. (Project 763548 - Continuation)

\$2,000.00 - Ohio Dairy Goat Association, LaRue, OH, The Suitability of Using Bovine Colostrum to Prevent Caprine Arthritis Encephalitis (CAF) in Goats, Department of Veterinary Clinical Sciences (B. L. Hull), 1 January 1985 through 31 December 1985. (Project 764555 - New)

\$584.00 - 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 December 1982 through 31 January 1985. (Project 763513 - Continuation)

TOTAL - OTHER NON-FEDERAL AWARDS

\$1,011,550.00

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

\$9,310.00 - Ohio Department of Transportation for the conduct of a one-day implementation workshop on left turn treatments at signal controlled intersections. The Department of Civil Engineering will direct this activity during the Winter '85 quarter.

Industrial and Other Sponsored Research and Development

\$337,272.00 - from 31 sponsors of 36 development projects managed by eight engineering departments.

March 1, 1985 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

Merrell Dow Professorship in
Pharmaceutical Administration

The Merrell Dow Professorship in Pharmaceutical Administration was established March 1, 1985, by the Board of Trustees of The Ohio State University with gifts to the Office of University Development from Merrell Dow Pharmaceuticals, Inc., a subsidiary of Dow Chemical Co., headquartered in Cincinnati.

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 from this fund is to be used to supplement the salary of an outstanding faculty member in the pharmaceutical administration division in the College of Pharmacy. In addition, Merrell Dow Pharmaceuticals, Inc., has agreed to provide \$15,000 annually for the first three years for program support. The Merrell Dow Professor and the faculty members and students who work under his or her direction will conduct research and development programs which address major economic issues confronting the delivery of pharmaceuticals in health care.

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 pharmacy education.

The George G. Greenleaf Agri-Industry Award

The George G. Greenleaf Agri-Industry Award was established March 1, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Ohio Grain and Feed Association, the Ohio Fertilizer and Pesticide Association and his many friends, to recognize his contributions to Ohio Agriculture during his 25 years as an association executive in the grain, feed, fertilizer and pesticide industries.

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 provide awards for students in the College of Agriculture, the Agricultural Technical Institute and other Ohio technical colleges, which offer an agri-business program. The primary purpose of the fund shall be to recognize outstanding students with an interest in Agricultural Business Management, and to encourage those activities which would provide them with practical experience in the agri-business industry. A committee consisting of representatives of the Ohio Grain and Feed Association and Ohio Fertilizer and Pesticide Association, as well as representatives from the

March 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 George G. Greenleaf Agri-Industry Award (contd)

College of Agriculture, ATI and other institutions as determined by the OGFA and OFPA representatives will meet annually to determine the number and amount of awards to be presented in a given year.

Should the need for these funds 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 Agriculture.

Jessie and Harold Zieg OSU Cancer Research
Institute Endowment Fund

The Jessie and Harold Zieg OSU Cancer Research Institute Endowment Fund was established March 1, 1985, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Harold F. Zieg, B.S.Bus.Adm. '32.

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 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.

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 Woody Hayes Cancer Fund in the
College of Medicine

The Woody Hayes Cancer Fund in the College of Medicine was established March 1, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund in honor of W. W. (Woody) Hayes, M.A. '48, 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.

March 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 Woody Hayes Cancer Fund in the
College of Medicine (contd)

The annual income is to be used to support cancer research in the College of Medicine under the direction of 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 must be used for medical research as determined by the Dean of the College of Medicine.

Richard J. and Martha D. Denman Fund

The Richard J. and Martha D. Denman Fund was established March 1, 1985, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Richard J. (B.S.Bus.Adm. '57) and Martha D. Denman of Laguna Beach, California.

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 intent of this endowment is to lead to the establishment of a full professorship to be known as the Richard J. and Martha D. Denman Professorship in the College of Medicine. All interest earned shall be added to the principal until such time as sufficient funding is available to fully establish the Professorship. Once the Professorship is established, future funding will lead to the eventual establishment of a Chair. The Professorship will support the work of a distinguished researcher, teacher and practitioner to be selected by the Dean of the College of Medicine in consultation with Mr. and Mrs. Denman as long as they are alive.

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 directly responsible for the College of Medicine.

The Dwight DeLong Memorial in Entomology

The Dwight DeLong Memorial in Entomology was established March 1, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from family, friends, colleagues and former students of Dwight DeLong, entomology emeritus professor.

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 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 Dwight DeLong Memorial in Entomology (contd)

The annual income from the fund shall be used to assist one or more students to attend professional meetings in entomology and, if resources additionally permit, other student-oriented departmental purposes as will promote excellent teaching and research.

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 programs in entomology.

The Home Economics Cooperative Extension Fund

The Home Economics Cooperative Extension Fund was established March 1, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from faculty, friends and associates of the Cooperative Extension Service.

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 support for activities and projects of the Home Economics Cooperative Extension Service. Funds will be allocated upon the recommendation of the Associate Dean for extension education and approval of the Dean of the College of Home Economics.

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 W. Keith Davis Memorial Scholarship Fund

The W. Keith Davis Memorial Scholarship Fund was established March 1, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Gerald A. and Betty L. Davis, 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.

March 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 W. Keith Davis Memorial Scholarship Fund (contd)

The annual income is to be used to provide scholarship assistance to qualified students of sophomore standing or higher who are enrolled at The Ohio State University, Marion Campus. The selection of the scholarship recipient(s) 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.

Doris Gildea-Morgan and Thomas E. Morgan Fund

The Doris Gildea-Morgan and Thomas E. Morgan Fund was established March 1, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Mrs. Doris Gildea-Morgan, 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 from this fund may be used for research into public employees collective bargaining problems in the State of Ohio and public employees equal pay legislation in Ohio, and other research projects on unionized public employee problems approved by the Academic Faculty of Labor Education and Research Service of The Ohio State University. Further, funds may be used for rank and file union member scholarships at Academic Faculty of Labor Education and Research Service sponsored educational projects fitting the needs of public employee workers and their union. In addition, funds may also be used for a Thomas E. Morgan Fellowship in approved graduate programs in labor and human resources for workers who belong to the American Federation of State, County and Municipal Employees, AFL-CIO, located anywhere in the United States.

Decisions regarding use of the funds shall be made by the appropriate department chairperson in cooperation with the Dean of the College of Administrative Science and in consultation with the donor, Mrs. Doris Gildea-Morgan, during her lifetime.

March 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)

Doris Gildea-Morgan and Thomas E. Morgan 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 unionized public employee problems as deemed appropriate by the College of Administrative Science of The Ohio State University, keeping the original intent of the donor in mind at all times.

Change of Name and Description of Named Funds

The Law Class of '67 Endowed Fund

The College of Law Senior Class Fund was established October 7, 1970, 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 1967. The name was changed to The Law Class of '67 Endowed Fund, March 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 at the discretion of the Dean 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 the College of Law.

Mortar Board Alumni Scholarship Fund

The Mortar Board Alumnae Scholarship Fund was established June 6, 1953, by The Ohio State University Board of Trustees with gifts to The Ohio State University Development Fund from the Mortar Board Alumni. The name was changed to the Mortar Board Alumni Scholarship Fund, March 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 support scholarships for undergraduate women students at The Ohio State University. Selection of the award recipients shall be made by the University Committee on Student Financial Aids upon recommendations from the Columbus Mortar Board Alumni Club.

March 1, 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)

Mortar Board Alumni 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 directly benefiting women students as determined by the Board of Trustees of The Ohio State University.

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EMPLOYMENT OF ARCHITECT/ENGINEER
STORES AND RECEIVING BUILDING

Resolution No. 85-91

Synopsis: Authorization to employ an architectural/engineering firm is proposed.

WHEREAS this project provides 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 in the University Services Center on Kenny Road; and

WHEREAS this facility will contain a receiving dock; an enclosed shipping dock; a service counter for on-campus customers; a short-term parking area for customers, sales representatives, maintenance and service personnel, and other visitors; and storage capacity for over 4,000 different stock items that are received from vendors and used by the University; and

WHEREAS \$3,500,000 will be made available from University funds for this project:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance 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 Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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March 1, 1985 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER
BIGGS ATHLETIC TRAINING FACILITY EXPANSION AND
INDOOR FOOTBALL PRACTICE FIELD

Resolution No. 85-92

Synopsis: Authorization to employ an architectural/engineering firm is proposed.

WHEREAS this project will provide for the expansion of the Biggs Athletic Training Facility to approximately double its present size and provide an all weather indoor multi-sport practice facility; and

WHEREAS the expansion of the Biggs Facility will provide 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, and a new, improved weight room; and

WHEREAS the indoor multi-sport facility will contain a full size football field with synthetic turf and will be designed for multi-sport practices, with direct access from the locker rooms:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance 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. Redman, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PLANS AND SPECIFICATIONS

Resolution No. 85-93

Synopsis: Approval of plans and specifications for the following project is proposed.

WHEREAS at the request of the Vice President for Business and Finance, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials and estimates of cost for the following project:

March 1, 1985 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

COLLEGE ROAD EXTENSION (SOUTH)

Project: 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.

Funding: University Funds

Estimated Project Cost: \$76,455.00

NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimates of cost for the project listed above be approved and that the President and/or Vice President for Business and Finance be authorized to sign the plans and specifications for this project and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That this action be reported to the Board at a later meeting.

Upon motion of Mr. Immke, seconded by Mr. Redman, 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. 85-94

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:

MARION REGIONAL CAMPUS PHASE III

Description: The construction of a new Student Activity Center, and the renovation of existing buildings to provide additional classrooms, several laboratories for the Marion Technical College, and additional space for the Child Care Center, bookstore and maintenance/storage area. Work is scheduled to begin in April and be completed in June 1986.

March 1, 1985 meeting, Board of Trustees

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

MARION REGIONAL CAMPUS PHASE III (contd)

General Contract

Date Received:	January 10, 1985
No. of Bids:	8
Low Bid:	\$1,155,700.00*
High Bid:	\$1,320,831.23*
Estimate of Cost:	\$1,233,150.00*
Awarded to:	Peterson Construction Co., Wapakoneta, Ohio

Plumbing Contract

Date Received:	January 10, 1985
No. of Bids:	10
Low Bid:	\$ 99,177.00*
High Bid:	\$ 141,300.00*
Estimate of Cost:	\$ 104,527.00*
Awarded to:	Bruner Corp., Columbus, Ohio

Fire Protection Contract

Date Received:	January 10, 1985
No. of Bids:	6
Low Bid:	\$ 43,474.00
High Bid:	\$ 57,300.00
Estimate of Cost:	\$ 43,805.00
Awarded to:	J. A. Croson Co., Columbus, Ohio

HVAC Contract

Date Received:	January 10, 1985
No. of Bids:	8

*Recommended alternates reflected in these figures.

March 1, 1985 meeting, Board of Trustees

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

MARION REGIONAL CAMPUS PHASE III (contd)

HVAC Contract (contd)

Low Bid:	\$396,700.00*
High Bid:	\$479,580.00*
Estimate of Cost:	\$447,357.00*
Awarded to:	R. H. Reeb Co., Columbus, Ohio

Electrical Contract

Date Received:	January 10, 1985
No. of Bids:	3
Low Bid:	\$276,585.00*
High Bid:	\$309,153.00*
Estimate of Cost:	\$274,700.00*
Awarded to:	Owens Electric, Marion, Ohio

Total All Contracts:	\$1,971,636.00*
Total Contingency Allowance:	\$ 95,079.58 (which is 5 per cent of construction costs)
Total Project Cost:	\$2,352,000.00*
Funding:	Senate Bill 381, University Funds and Marion Technical College Funds

*Recommended alternates reflected in these figures.

DENTISTRY FACILITIES RENOVATION

Description: This project involves the renovation of the operatory areas, the upgrading of the service space within the fourth floor clinic area, and the modification of a lecture room to complete the first floor Dental Learning Resources Center in Postle Hall. Work is expected to begin in April 1985 and be completed in April 1986.

General Contract

Date Received:	January 15, 1985
No. of Bids:	10

March 1, 1985 meeting, Board of Trustees

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

DENTISTRY FACILITIES RENOVATION (contd)

General Contract (contd)

Low Bid:	\$ 332,700.00
High Bid:	\$ 446,245.92
Estimate of Cost:	\$ 369,337.00
Awarded to:	Concepts Enterprise Inc., Columbus, Ohio

Plumbing Contract

Date Received:	January 15, 1985
No. of Bids:	8
Low Bid:	\$ 128,646.00*
High Bid:	\$ 199,600.00*
Estimate of Cost:	\$ 136,268.00*
Awarded to:	R. H. Reeb Co., Columbus, Ohio

HVAC Contract

Date Received:	January 15, 1985
No. of Bids:	8
Low Bid:	\$ 177,300.00**
High Bid:	\$ 215,916.00
Estimate of Cost:	\$ 169,235.00
Awarded to:	R. H. Reeb Co., Columbus, Ohio

Electrical Contract

Date Received:	January 15, 1985
No. of Bids:	8

* 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 1, 1985 meeting, Board of Trustees

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

DENTISTRY FACILITIES RENOVATION (contd)

Electrical Contract (contd)

Low Bid:	\$ 95,590.00*
High Bid:	\$ 143,200.00*
Estimate of Cost:	\$ 123,850.00*
Awarded to:	Royal Electric, Columbus, Ohio
Total All Contracts:	\$ 734,236.00*
Total Contingency Allowance:	\$ 59,210.12 (which is 8 per cent of construction costs)
Total Project Cost:	\$ 963,000.00*
Funding:	Senate Bill 381 (reapp. U & R) 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 projects listed above are hereby approved.

Upon motion of Mr. Redman, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution with six affirmative votes cast by Messrs. Hilliker, Galbreath, Redman, Immke, and Berry and Mrs. Bowser, and an abstention by Mr. Teaford.

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EASEMENT
COLUMBUS AND SOUTHERN OHIO ELECTRIC COMPANY
Resolution No. 85-95

Synopsis: Renewal of an electric line easement for Columbus and Southern Ohio Electric Company is proposed.

WHEREAS in 1969 the University granted to the Columbus and Southern Ohio Electric Company a 15-year easement consisting of a strip of land ten feet in width, running approximately from the intersection of North Star Road and Kinneer Road to the ElectroScience Laboratory, for the purpose of installing and maintaining electric lines; and

March 1, 1985 meeting, Board of Trustees

EASEMENT -
COLUMBUS AND SOUTHERN OHIO ELECTRIC COMPANY (contd)

WHEREAS this easement expired on October 27, 1984, and the Columbus and Southern Ohio Electric Company has requested a renewal of the easement for a period of 15 years; and

WHEREAS the electric lines for which this easement is requested will serve University property; and

WHEREAS the appropriate University offices have recommended a 15-year renewal of this easement on the same terms and conditions as the original grant:

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

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EASEMENT
COLUMBIA GAS OF OHIO

Resolution No. 85-96

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

WHEREAS in 1970 the University granted to Columbia Gas of Ohio a 15-year easement consisting of a strip of land running from Kenny Road to Defiance Drive along the south side of Ackerman Road for the purpose of maintaining a 20-inch gas pipeline; and

WHEREAS this easement expires on March 18, 1985, and Columbia Gas of Ohio has requested a renewal of the easement for a period of 15 years; and

WHEREAS the gas line serves only University facilities; and

WHEREAS the appropriate University offices have recommended a 15-year renewal of this easement upon the same terms and conditions as the original grant:

NOW THEREFORE

March 1, 1985 meeting, Board of Trustees

EASEMENT
COLUMBIA GAS OF OHIO (contd)

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

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EASEMENT
COLUMBIA GAS OF OHIO

Resolution No. 85-97

Synopsis: Renewal of a regulator station easement to Columbia Gas of Ohio is proposed.

WHEREAS in 1970 the University granted to Columbia Gas of Ohio a 15-year easement consisting of a .058 acre tract of land for the purpose of maintaining a regulator station; and

WHEREAS this easement expires on March 18, 1985, and Columbia Gas of Ohio has requested a renewal of the easement for a period of 15 years; and

WHEREAS the regulator station serves only University facilities; and

WHEREAS the appropriate University offices have recommended a 15-year renewal of this easement upon the same terms and conditions as the original grant:

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

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March 1, 1985 meeting, Board of Trustees

LEASE OF LAND
1.04 ACRES ON NORTH STAR ROAD, COLUMBUS, OHIO
Resolution No. 85-98

Synopsis: Authorization to grant a lease to the Ohio Educational Broadcasting Network Commission (OEBNC) for the installation of a parabolic dish antenna for satellite communications is requested.

WHEREAS the Ohio Educational Broadcasting Network Commission has requested a lease consisting of 1.04 acres of land located directly south of University property currently occupied by OEBNC; and

WHEREAS the purpose of the proposed lease is for the installation of a parabolic dish antenna; and

WHEREAS OEBNC agrees to provide to the University a two-way television communication link between the Columbus Campus and the Agricultural Technical Institute and the Ohio Agricultural Research and Development Center in Wooster in consideration of the proposed lease; and

WHEREAS the lease shall be for one year with two one-year renewal options; and

WHEREAS the appropriate University offices have recommended that this lease 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 lease.

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

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO
Resolution No. 85-99

RESOLVED, That the report on the University's Investment Portfolio, dated February 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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March 1, 1985 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, April 5, 1985, at the Ohio Agricultural Research and Development Center, Wooster, Ohio, at 10:30 a.m.

Attest:

Madison H. Scott
Secretary

D. James Hilliker
Chairman

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APPENDIX III
Degrees Conferred at
THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION
March 22, 1985

Commencement Speaker

Edwin D. Dodd **Doctor of Business Management**

Throughout his distinguished life, Edwin D. Dodd has demonstrated continued excellence. While studying for his B.A. in business administration at Ohio State, he participated in Ohio Staters Inc., Sphinx, Strollers, and the Student Senate. Dodd went on to earn a master's degree in industrial administration at Harvard. During World War II, he rose to the rank of major and was a member of General MacArthur's Pacific staff. As a businessman, he achieved national prominence with Owens-Illinois in Toledo. Joining the company as a public relations representative, he went on to become president, chief executive officer, and chairman before his retirement in 1984. Dodd received the Phoenix Award in 1974 for leadership in the glass container industry and was honored as "Packaging Man of the Year" in 1977 by the Packaging Education Association. He has been chairman of the United States Chamber of Commerce and is a member of the National Corporations Committee of the United Negro College Fund. He was asked to serve on President Reagan's Commission on Industrial Competitiveness and was appointed to national commissions by former Presidents Carter and Nixon.

Dodd has been a leader in the revitalization of downtown Toledo and in many other civic efforts there. He has served Ohio State as a member of the Alumni Advisory Council and as chairman of the Development Fund Board of Directors. His alma mater takes pride in recognizing his achievements.

Recipients of Honors

Myrl H. Shoemaker

Doctor of Laws

When names of exemplary public servants in the state of Ohio are recorded, Myrl H. Shoemaker will surely appear on the list. This lifelong Ross County resident has spent nearly 50 years serving his community and home state through elected office. He served for 22 years as a member and clerk-treasurer of the Twin Rural and Paint Valley local school districts. He then went on to spend 23 years as a member of the Ohio House of Representatives. During that time he was chairman of the House Finance-Appropriations Committee and a member of all other major committees. Shoemaker was a member of the State Controlling Board, the Emergency Board, and the Legislative Service Commission. In 1982, his public service career entered a new phase when he was elected as Ohio's lieutenant governor. Not content to limit his efforts to a single governmental capacity, he was appointed by Governor Richard F. Celeste to the additional position of director of the Ohio Department of Natural Resources. He remains active in the civic affairs of his home community of Bourneville, where he is a member of the Farm Bureau, the Conservation League, and the Concerned Citizens for the Handicapped. Ohio State is proud to honor this distinguished native son.

Recipients of Honors

Myrl H. Shoemaker Doctor of Laws

When names of exemplary public servants in the state of Ohio are recorded, Myrl H. Shoemaker will surely appear on the list. This lifelong Ross County resident has spent nearly 50 years serving his community and home state through elected office. He served for 22 years as a member and clerk-treasurer of the Twin Rural and Paint Valley local school districts. He then went on to spend 23 years as a member of the Ohio House of Representatives. During that time he was chairman of the House Finance-Appropriations Committee and a member of all other major committees. Shoemaker was a member of the State Controlling Board, the Emergency Board, and the Legislative Service Commission. In 1982, his public service career entered a new phase when he was elected as Ohio's lieutenant governor. Not content to limit his efforts to a single governmental capacity, he was appointed by Governor Richard F. Celeste to the additional position of director of the Ohio Department of Natural Resources. He remains active in the civic affairs of his home community of Bourneville, where he is a member of the Farm Bureau, the Conservation League, and the Concerned Citizens for the Handicapped. Ohio State is proud to honor this distinguished native son.

The Graduate School

Acting Dean: John B. Gabel

Doctor of Musical Arts

Michael Eldon Dellinger, Columbus; B.M., M.M.; Music;

Dr. Richard Tetley-Kardos

Dorothy Elder, Wooster; B.M. (Wheaton College Conservatory); M.M.; Music;

Dr. Marshall H. Barnes

Doctor of Philosophy

Rodney Cliff Akers, Lynchburg, VA.; B.S. (Lynchburg College); M.S. (Virginia Polytechnical Institute and State University); Entomology;

Dr. David G. Nielsen

Evelyn Carole Anderson, Springfield; B.A., M.A.; Geography;

Dr. A. John Arnfield

Sue Ann Baudry, Mt. Pleasant, MI; B.S.; Anatomy;

Dr. G. Adolph Ackerman

William Charles Baudry, Rochester, MI; B.S., M.A. (Central Michigan University); M.S.; Mathematics;

Dr. Paul G. Neval

Andrea Jean Bedway, Cadiz; B.A. (Xavier University); M.S. (University of North Carolina); Sociology;

Dr. Alfred C. Clarke

Veerabhadrao Bheemini, Sattenapalle, A.P., India; B.Tech. (Banaras Hindu University); Ceramic Engineering;

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Dr. George H. Staab, Dr. Carl H. Popelar

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Dr. Hooshang Hemami

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Master of Architecture

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Master of Arts

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- William F. Schwartz**, Canton, B.B.A. (University of Michigan); *Business Administration*
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Master of City and Regional Planning

- Cavery Bopalah**, Bangalore, Karnataka, India; B.Arch. (J.J. College of Architecture); *City and Regional Planning*
- Shih-Kung Lai**, Taipei, Taiwan, R.O.C.; B.S.E. (National Cheng-King University); *City and Regional Planning*
- Argentino Carlos Landaburu**, Buenos Aires, Argentina; Lic., Ph.D. (University of Buenos Aires); *City and Regional Planning*
- Zahai Abidin Omar**, Makim Nawar, Perak, Malaysia; B.A. (Universiti Kebangsaan Malaysia); *City and Regional Planning*

Master of Fine Arts

- Mark C. Zetterberg**, Bayport, NY; B.A., B.M., M.A. (University of Colorado); *Theatre*

Master of Health Administration

- Carol Marie Ebersole**, Bellefontaine, B.S. (Bowling Green State University); M.S.; *Hospital and Health Services Administration*
- Sally Florence Royse**, Columbus; B.B.A. (Harding University); *Hospital and Health Services Administration*
- Betsy Ellen Wolf**, Columbus; Associate (Shawnee State); B.S.; *Hospital and Health Services Administration*

Master of Labor and Human Resources

- Ludana DeSanctis**, Caracas, Venezuela; B.A. (Universidad Central de Venezuela); *Labor and Human Resources*
- James B. Weidaw**, Newark; B.S.Ed.; *Labor and Human Resources*

Master of Liberal Studies

Margaret Krozier Bay, Columbus; B.A.; *Liberal Studies*

Franklin Barnes Miles, Wilmington; B.A.; *Liberal Studies*

Master of Music

Jack Patrick McPeck, Mt. Vernon; B.A. (Mount Vernon Nazarene College); *Music*

Master of Public Administration

Rafiat O. Agabalogun, Lagos, Lagos State, Nigeria; B.S. (Michigan State University); *Public Administration*

Margaret N. Anaba, Columbus; B.A. (University of California at San Diego); *Public Administration*

Olivia A. Jackson, Fort Lauderdale, FL; B.S. (University of Florida); *Public Administration*

Eugene Evert Steiner, Dublin; B.A. (Wittenberg University); *Public Administration*

Master of Science

Khaled Hamad Al-Saqabi, Doha, Kuwait, Kuwait; B.S. (University of South Florida); *Electrical Engineering*

Wanee Ampakitpanich, Bangkok, Thailand; B.S. (Chulalongkorn University); *Civil Engineering*

V. Ananthanarayanan, Mysore, India; B.Tech. (The Indian Institute of Technology at Madras); *Metallurgical Engineering*

Nicholas B. Anthony, Wapakoneta; B.S.Agr.; *Poultry Science*

Michael Charles Armijo, Los Angeles, CA; B.S. (University of Southern California); *Chemistry*

Alton Buddy Auvil, East Sparta; B.S.; *Nuclear Engineering*

Francis John Barker III, Champaign, IL; B.S. (University of Illinois); *Agricultural Economics and Rural Sociology*

Paul Leo Bartel, Parma; B.S. (University of Cincinnati); *Chemical Engineering*

Brahim Bendali-Mostefa, El-Eulma, Setif, Algeria; B.S. (University of Sciences and Technology of Algiers); *Electrical Engineering*

Carl William Berlin, Wadsworth; B.S.Cer.E.; *Ceramic Engineering*

Horst Anton Beyer, Villach, Austria; Diploma (Swiss Federal Institute of Technology); *Geodetic Science and Surveying*

Stephen Wayne Birdwell, Dublin; B.S.Pharm.; *Pharmacy*

Cara Marie Blank, Columbus; B.A. (Kent State University); *Mathematics*

Mark Henry Brand, Mansfield Depot, CT; B.S. (Cornell University); *Horticulture*

Helen Ann Brohl, Avon Lake; B.S. (Florida Atlantic University); *Natural Resources*

David Lawrence Brooks, Nashport; B.S.M.E.; *Mechanical Engineering*

Patrick Joseph Brooks, Blacklick; B.S.M.E.; *Mechanical Engineering*

Ana Hortensia Burghilea, Columbus; University Degree (University of Bucharest); *Industrial and Systems Engineering*

Adrian Burian-Cosoroaba, Santa Clara, CA; B.S. (University of California at Berkeley); *Electrical Engineering*

Salvatore Thomas Butera, Massillon; B.A. (Otterbein College); *Veterinary Pathobiology*

Nicholas William Calderone, Cleveland; B.A.; B.S.; *Entomology*

José Manuel Camacho-Castro, San Jose, San Jose, Costa Rica; Licenciado en Ing. Civil (Universidad de Costa Rica); *Civil Engineering*

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Yue Cao, Beijing, China; B.A. (Peking University); *Physics*

Laura Lee Chase, Columbus; B.A. (Kenyon College); *Bio-Medical Engineering*

Guan-Ing Chen, Columbus; B.S. (Fu-Jen University); *Computer and Information Science*

Jinfu Chen, Guangzhou, Guangdong, China; B.S.E.E. (Zhejiang University); *Electrical Engineering*

Hsing-Fang Kitty Cheng, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); *Agricultural Education*

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Lance Gary Clark, Geneva, NY; B.S. (Cornell University); *Zoology*

Anthoikos A. Constas, Athens, Greece; Dipl. (Polytechnic School of Xanthi, Greece); *Industrial and Systems Engineering*

James Richard Cropper, Sciotoville; B.S.; *Allied Medical Professions*

David Allan Crump, Columbus; B.A. (Oakwood College); *Physiological Chemistry*

Steve Richard Daniewicz, Yuma, AZ; B.S. Welding Eng. Tech. (Arizona State University); *Welding Engineering*

David Lawrence Diedrich, Parma; B.S. (United States Military Academy at West Point); *Civil Engineering*

Charles Albert Duncan, Raymond; B.S.; B.A. (Kent State University); *Natural Resources*

Laertis Economikos, Tirnavos, Greece; B.S. (Aristotle University of Thessaloniki); *Chemical Engineering*

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Fikret Ercal, Konya, Turkey; B.S., M.S. (Technical University of Istanbul); *Computer and Information Science*

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Karen Anne Federspiel, Newark; B.S. (College of Charleston); *Mathematics*

Victor Allen Ferdinand, Canal Fulton; B.S.; *Mathematics*

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- Aristides Lazo**, La Trinidad, Esteli, Nicaragua; D.V.M. (University of Cordoba); *Veterinary Preventive Medicine*
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- Sylvia Marie Perryman**, North Ridgeville; B.S. (University of Dayton); *Biochemistry*
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- Maria Saraga Poeth**, Columbus; B.S.N. (Capital University); *Nursing*
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- Sudhakar L. Rangarajulu**, Madras, Madras, India; B.S. (College of Engineering); *Industrial and Systems Engineering*
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- Lynn Arnette Foshee Reed**, Columbus; B.A. (University of Evansville); M.A.; *Mathematics*
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James Rawlinson Schupp, Kirtland; B.S. (Bowling Green State University); *Horticulture*

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Tufail Qamar Shalikh, Karachi, Pakistan; M.B.B.S. (Dow Medical College); *Preventive Medicine*

Kathleen Kay Sipe, Worthington; B.S.N.; *Nursing*

Ludwik Silwa, Kielce, Poland; M.S.; Dipl. Eng. (Academy of Mining & Metallurgy); *Geodetic Science and Surveying*

David Livingston Smith, Columbus; B.S. (Parsons College); B.S.; *Natural Resources*

Timothy Malcolm Solack, Dublin; B.S.C.E.; *Civil Engineering*

Donna Terrie Souders-Dixon, Hamden; B.S.; *Nursing*

Stanley Raymond Spurgeon, Marysville; B.S.; M.A. (University of Maryland); *Computer and Information Science*

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Ted Phillip Vlahos, Columbus; B.S.; *Animal Science*

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David Glenn Waters, Vestal, NY; A.A.S., B.S.E.E. (Rochester Institute of Technology); *Electrical Engineering*

Jeffrey Allen Watson, Newark; B.S.Ch.E.; *Chemical Engineering*

William Arch Welton III, Morgantown, WV; B.S.Pharm. (West Virginia University); *Pharmacy*

George Jackman Wharton, Rocky River; B.S.M.E.; *Mechanical Engineering*

Beth Ann Wilson, Martins Ferry; B.S. (Bethany College); *Chemistry*

Yan Xu, Shanghai, P. R. China; B.S.E.E. (Shanghai University of Science and Technology); *Electrical Engineering*

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Timothy Lee Yost, New Lebanon; B.S.C.E.; *Civil Engineering*

Curtis Eugene Young, Verona, PA; B.S. (Edinboro State College); *Entomology*

Fulin Zuo, Nanjing, Jiangsu, P. R. China; B.S. (Nanjing Institute of Technology); *Physics*

Master of Social Work

Clarke Elaine Dutton, Columbus; B.S.W. (Rio Grande College); *Social Work*

Colleges of the Arts and Sciences

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College of Biological Sciences
College of Humanities
College of Mathematical and Physical Sciences
College of Social and Behavioral Sciences

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Teresa Irene Bell, Ringgold
William Lain Chamberlain, Joelton, TN
Paul Keller Ferrell, Andrews, IN
David John Forte, Fairbanks, AK
David B. Nutt, Hamilton
Karen L. O'Connor, Montoursville, PA
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Peter Martin Calvisi, Galloway
Lisa Marie Chester, Muskegon, MI
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Lesley Anne Hall, Columbus
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Jacquelyn Arlene Mountan, Columbus
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Sharon Kay Prosser, Virginia Beach, VA
Lorraine Christine Trollinger, Wyomissing Hills, PA
Laura K. Vassell, Upper Arlington
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Bachelor of Music

Alexander Lasarenko, Columbus
Matthew Donald Traum, Lakewood

Bachelor of Art Education¹

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Bachelor of Music Education²

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John Harold Harner, Xenia
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Dean: William A. Jensen

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David Anthony Cimprich, Trenton
Paul Anthony Clark, Cleveland
Perla Corpus, Columbus
Julia Finlayson, Mansfield
Patrick Regan Fisher, Upper Arlington
Gail Jean Geisman, Upper Arlington
James Michael Haskins, Columbus
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Diana L. Jones, Uniontown
Susan Michelle McMullen, Parma
David Allen Mitchell, Madison
Douglas Allen Rawlings, Euclid
Jeffrey J. Rudy, Sidney
Stephen Brook Simmons, Columbus
Lawrence Hern Sullivan, Youngstown
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¹ Offered by the College of the Arts

² Offered by the College of the Arts and the College of Education

Dana Maria Weisshaar, Grove City
Helen Faye Wilcoxon, Racine
Keith Donald Wilkey, Huber Heights

College of Humanities

Dean: G. Micheal Riley

Bachelor of Arts

June Marie Barber, Solon
John C. Bockelman, Napoleon
David Alan Bremer, Bay Village
Pamela Sue Casey, Columbus
Jannette Christian, Grove City
Anne Marie Clover, Lima
David H. Coleman, Pataskala
Lee S. Donoho, Zanesville
Teresa Chomiak Duemmel, Dublin
Jennifer Suha Fayadh, Westlake
Michael Derwin Fetters, Hilliard
Raymond Michael Foeller, Columbus
Margaret M Gaughan, Lexington, KY
Tracy Anne Hemmer, Cincinnati
Hilda Gruner Koenig, Worthington
Rosemarie Kathrin Koestner, Columbus
Robert E. Larsen, Port Washington, NY
James D. Minier, Hudson
Thomas Richard Murrell, Columbus
Douglas Edward Perin, Sidney
Joseph James Perkoski, Conneaut
Louise Ellen Perno, Parkerburg, WV
Timothy Alan Picard, Ashtabula
James Andrew Ponton, Coshocton
Richard Allen Pope, Columbus
Jacquelyn S. Spangler, Poland
Patricia Marie Stachura, Lyndhurst
Roberta Jean Straub, Seven Hills
James C. Swearingen, Worthington
Joseph Talbert, Delaware
Matthew J. Thompson, Reynoldsburg
Ann Rochelle Thorman, Beachwood
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College of Mathematical and Physical Sciences

Acting Dean: John O. Riedl

Bachelor of Arts

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Nicholas Dean Jouriles, Hudson
David J. Keyser, North Canton
Alan Patrick Levis, Columbus

Bachelor of Science

James Richard Benedict, Columbus
Robert G. Charles, Columbus
Andrea Ying-Ju Chen, Taipei, Taiwan
Mark Stephen Denker, Akron
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Thomas Lawrence Schanie, Hamilton
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Matthew David Stranges, Columbus
Sheryl Ruth Streich, Dublin
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Mohamad Taghizadeh, Tehran, Iran
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Dean: Joan Huber

Bachelor of Arts

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Doris Neudecker Adams, Winchester, IN
John Stanton Addams, Marysville
Beth Ann Alkyer, Austintown
Margaret L. Allen, Kettering
Michael Charles Amann II, Cincinnati
Robert Andrew Andre, South Euclid
Janhavi M. Apté, Bombay, India
Roger Dane Baker, Dublin
Daniel George Bare, Columbus
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Kevin Thomas Donahue, Circleville
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Cole G. Ellis, Lima
Jan Eileen Ewing, Columbus
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Susan Lyn Griffith, Pickerington
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Julia Ann Obringer, New Washington
James Philip O'Connor, Upper Arlington
Reva Susan Osipow, Columbus
Steven R. Pakcak, Columbus
Karen Marie Pegish, Toledo
Lori Theresa Piccinini, Columbus
Carmel J. Rand, Massillon
Sharon M. Roach, Columbus
Bert L. Rose, University Heights
Patricia Ann Roth, Tipp City
Charlotte Rose Rubin, Bloomfield Hills, MI
Babayo Gumau Saidu, Gumau, Nigeria
Diane Elaine Schilder, Sunbury
Margaret Mary Shannon, North Olmsted
Paul Michael Simkoff, Cleveland
Brett Alan Sisler, Mayfield Heights
Dana Rae Smith, Columbus
Susan Jane Snyder, Columbus
Irene Catherine Sousaris, Canton
Andrew McLaine Sperry, Centerville
Gail Patricia Summerhill, Worthington
Michael Francis Sweeney, Westlake
Cynthia Kay Tabler, Nashport
Stacy Ann Terman, Toledo
Lori Ann Tocash, Coshocton
Tami A. Tomsic, Rocky River
Paul William Vasu-Sarver, Beaver Creek
Sharon Denise Washington, University Heights
Robin Lee Weier, Grove City
Robert William Weir, Chesterland

Pamela Marie Woods, Cincinnati
Michael Colin Yaus, Newark
Michael Young, Columbus
Carol Lynne Yund, Wooster
Robert Joseph Zehentbauer, Lisbon

Bachelor of Science

Gregory Raymond Babbitt, Columbus
Thomas Patrick Callahan, Mansfield
Rose Irene Chu, Phoenix, AZ
Chris Marie DiSimone, Canton
Paula Kellie Gray, Columbus
Mark Adam Leibas, Lorain
Michael John Maloy, Akron
Scott Alan Moses, Fairlawn
Julia Elizabeth Mowery, Waynesfield
Carolynne Mucharsky-Paterson, Dublin
Michael Joseph Paoletta, Solon
Sylvia Maria Pla, University Heights
Jay Allen Snyder, Salem
Dan Jesus David Thiele, Thornville

School of Journalism

Bachelor of Arts in Journalism

Lorraine Anne Berardi, Kettering
William R. Boggess, Groveport
Connie Hast Brown, Columbus
Michael Scott Cohen, Beachwood
George Durichko III, Mayfield Heights
Robin Louise Flood, Columbus
Jay Alan Freer, Tallmadge
Matthew Lee Roy Harvey, Marion
Robert Eldon Henke, Alliance
Elaine L. McGrath, Springfield
Christopher H. Meyer, Toronto
Maureen K. Michael, Lorain
Robert Wayne Oller, Huron
Dwayne David Pielech, Yorkville
Nancy Ann Rollins, Columbus
Lori Ann Simpson, Columbus
Michelle L. Strauser, Lorain
R. Roush Vance, Fairfield
Lisa Fay Zweig, Akron

College of Administrative Science

Dean: H. Justin Davidson

Bachelor of Science in Business Administration

Nor Hashimah Abdul Aziz, Perak, Malaysia
Abdul Majid Bin Ahmad, Kg-Tengah, Tualang
Alor Star, Kedah, Malaysia
Lawrence Denis Albert, Dublin
Amy Marie Albrecht, Centerville
Deborah Baltes Alspach, Marion
Jeffrey Alan Altmiller, Westerville
Charles Michael Anderson, Youngstown
Crystal Diann Anderson, Youngstown

Judy Lynn Anderson, Cincinnati
 David James Arrasmith, Columbus
 John E. Augustine, Lancaster
 Carla Marie Augustus, Sandusky
 Linda Jean Ault, Lexington
 Christopher G. Babcock, Bryan
 Jeffrey Alan Baldauf, Marion
 Lori Lee Ball, New Concord
 Steven A. Ball, Westerville
 Julie Lynn Barthel, Gahanna
 Terrance Edward Bartunek, Maple Heights
 James Robert Behrends, Dublin
 David Alan Benedict, Blacklick
 Adam Jay Berggrun, University Heights
 Linda Anne Bevacqua, Atlanta, GA
 Lisa Faye Bierenfeld, Canton
 Lynn David Black, Centerville
 Vincent Alan Blaeser, Dayton
 Daniel A. Blankemeier, Leipsic
 Marc Jeffrey Bloomstein, Lorain
 Lori Maria Bonaminio, Lorain
 Brian David Bookheimer, Columbus
 John Michael Bretz, North Royalton
 Kelly Ann Brown, Beaver
 Laura Adrienne Bull, Worthington
 Cheri Ann Burbick, Winona
 Anthony Albert Cairo, Jr., Morristown, NJ
 Eileen Carandang, Elyria
 Steven G. Carnicom, Port Clinton
 James Alan Carson, Akron
 Sherman Grant Chin, Whitehall
 Patchareeporn Chiou, Bangkok, Thailand
 Deborah Ann Clark, Chardon
 Wanda Jean Clay, Lima
 Phyllis Anne Cleary, Lakewood
 Jerry Joseph Coccia, Columbus
 Douglas Leroy Collins, Columbus
 James Taliaferro Collins, Pickerington
 Scott A. Conway, South Euclid
 David Rodger Cook, Jr., Columbus
 Brian Scott Copp, Centerville
 Patricia Sue Coughlin, Columbus
 Cynthia Marie Crawfis, Lima
 John Merritt Culp, Dayton
 Robert L. Cummings, Miamisburg
 Catherine Mary Custis, Columbus
 Rebecca Sue Dalessandro, Orville
 Paul Carlo Damiani, Columbus
 David Edward Darrow, Columbus
 Karyn Denise Davis, Columbus
 Charles A. DeAngelis, Jr., Lorain
 Jeffrey Louis DeBrosse, Columbus
 Mark David Degan, Dublin
 Chris Joseph DeMarco, Cincinnati
 Nilesh Haribhai Desai, Owensboro, KY
 Gregory John DeVibbis, Toledo
 Karen Lynn Dombroski, Conneaut
 James Robert Douglas, Dayton
 Salvatore Drago, White Plains, NY
 David Allen Drake, Great Meadows, NJ
 David A. Driscoll, Youngstown
 Carol Jo Drzyzga, Bay City, MI
 Carolyn Ann Dubenion, Westerville
 Jeffrey Allen Duermit, Morrow
 Amy Lyn Earnest, Pickerington
 Wayne Everett Eckert, St. Petersburg, FL
 Jay Vincent Eckhart, Jr., Columbus
 Barbara Clare Eichman, Gahanna
 Shelley Marie Engels, Montpelier

Steven Charles Farina, Galion
 Jeffrey Martin Fehn, Maumee
 Amy Jo Flinn, Kenton
 Kevin John Gaffer, Lima
 Michael E. Gaus, Columbus
 Sheri Ann Gebe, Kingsville
 Mark Joseph Gibson, Eaton
 Stephen Potter Gilbert, Akron
 Steven Clay Gillespie, Great Falls, VA
 Joan Therese Gilmartin, Columbus
 Maureen Ann Gluk, North Olmsted
 Norman Robert Goad, Jr., Etna
 Timothy Max Goetz, Cincinnati
 Gregg Karl Goldenbagen, Chillicothe
 Greg Robert Goodie, New Philadelphia
 Jeffrey Todd Gore, Hannibal
 Valerie Michele Gradford, Cleveland
 Elizabeth Louise Graham, Columbus
 Laurie Suzanne Green, Rancho Palos Verdes, CA
 Rebecca Kathleen Grogan, Upper Arlington
 David Ralph Haffer, Orient
 Steven Todd Hallam, Springfield
 Elizabeth Anne Happe, Reynoldsburg
 Beth Ann Harboid, East Sparta
 Wilbur Scott Harmon, Cincinnati
 Mary B. Harris, Delphos
 Kirk John Haschak, Stow
 Timothy Strieter Hasselbring, Chillicothe
 Robert Brent Hattersley, Cincinnati
 Linda Elizabeth Hecht, Reynoldsburg
 Karen Maria Heck, Pittsburgh, PA
 Thomas Nicholas Hemebein, Wapakoneta
 Beth Ann Hendricks, Mansfield
 Grace Marie Henry, Maryville, TN
 Lisa Marie Hill, Grandview Heights
 Ted Alan Hill, Chillicothe
 Teri Lynn Hippolite, Columbus
 Brian K. Hoenie, St. Marys
 Jack Robert Hoge, New Knoxville
 Roy Morgan Holland, Mansfield
 Robert Michael Holmok, Jr., Westlake
 Lora Anne Holycross, Circleville
 Veronica Clare Horton, Columbus
 Karen Jo Woolever Hovis, Ashville
 John Dante Ianni, Springfield
 Regina Ann Izzo, Columbus
 Janice Iola Jackson, Burlington, MA
 Mary Beth Jiovannazzo, Elyria
 Bradley Edward Jones, Akron
 Denise Elaine Jones, Newark
 Randy Eugene Jones, Springfield
 David Robert Jordan, Columbus
 Jeffrey Roy Jordan, Canal Winchester
 John Steven Kalls, Elyria
 Sanjay Kapoor, Tokyo, Japan
 Chester Anthony Karchetsky, Jr., Mentor
 Jeffrey Scott Kelman, Mayfield Heights
 Daniel Adam Kern, West Orange, NJ
 Dave James Kern, Clayton
 Kimberly Frances Kister, Reynoldsburg
 Denise Ellen Klingler, Columbus
 Kent Douglas Klodnick, Broadview Heights
 Carol Anne Klierim, Lakewood
 Kevin W. Kotas, Madison
 Gregory D. Kundert, Delphos
 Kimberly Beth Kurtz, Lebanon
 Mary Elizabeth Lavelle, Rocky River
 Mainda Lee, Hilliard
 Sherri Angela Leonard, Cleveland

David Carl Lickovitch, Solon
 Jan Khong Lie, Jakarta, Indonesia
 Mary Elizabeth Lopez, Huron
 Michael Paul Lorman, Mentor
 Gerald Master Lower, Cincinnati
 Terence D. Lu, Columbus
 Paul Stephan Lubaski, Powell
 Steven Herbert Lutton, North Olmsted
 Eric Lee Lyon, Columbus
 Clark Nolan Maciag, Bay Village
 John Scott Macmorine, Toledo
 Edward Robert Matuszak, Brecksville
 Linda Kay Mauck, Heath
 Robert Allan Mauk, Whitehall
 Christine Marie McCann, Pickerington
 Jaime Ray McColum, Mentor
 Meisa Dawn McGuire, Columbus
 Nancy Lynn Mead, Delaware
 John Neal Meeks II, Canton
 Joseph James Merth, Coshocton
 Phillip J. Meyer, Oak Harbor
 Michael A. Mondlak, Reynoldsburg
 John A. Moreau, Columbus
 Michael W. Moskerintz, Reynoldsburg
 Richard Covault Nickerson, Perrysburg
 Michael Francis Murley, Columbus
 Douglas Edward Musick, Columbus
 Jeanette Nicole Nelson, Gahanna
 Timothy Eric Nesmith, Columbus
 Thomas Joseph Nester, Cincinnati
 Thomas J. Newbold, Cincinnati
 Swee Fatt Ng, Pahang, Malaysia
 Richard Covault Nickerson, Perrysburg
 Frank Daniel Noble, Jr., Columbus
 Nancy Ruth Noer, Columbus
 William Hamilton Oldfield, Akron
 Ibrahim A. Orkoubi, Medina, Saudi Arabia
 Jacqueline Marie Pagan, Ponce, PR
 Donald Brent Palmer, Zanesville
 Glenn H. Park, Decatur, GA
 Susan Stranahan Parker, Columbus
 Robert Martin Parsley, Granville
 Kishore M. Parwani, Karachi, Pakistan
 Tanya Lynn Patrella, Westerville
 John Daniel Petryszyn, Cleveland
 Ernest Paul Pitzer, Columbus
 Waneida Paulette Prince, Newark
 Tracy Alan Radler, Mansfield
 Susan Ann Rande, Columbus
 Randall Harold Reed, Dexter City
 Carolyn Anne Reichert, Enon
 Eric Joseph Ritzenthaler, Columbus
 Tracey Renee Robinson, Columbus
 Steven Louis Rosenblum, Beechwood
 Robert Orrin Rosenthal, Cleveland Heights
 Frederick John Rudolph, Walbridge
 Michael W. Ross, Canal Winchester
 David Arlen Russell, Columbus
 Ron Sabransky, Cleveland
 Laura Lynn Sargent, Charleston, WV
 James Ralph Saulters, Columbus
 Douglas Jon Sawyer, Kettering
 Monica Ann Schatz, Cleveland
 Jennifer Lynn Schneider, Newark
 Michael John Scurria, Kernersville, NC
 Anthony Victor Seghy, Parma
 Thomas Alan Shaffer, Marion
 Timothy Alan Shull, Columbus
 Branka Maria Silovic, Columbus
 Jeffrey Shelton Skinner, Columbus

Ricky Alan Sklenar, Columbus
 Kathleen Ann Slavkovsky, Newark
 Marc Jerrold Small, Albany, NY
 Vicki Sue Smith, Mansfield
 Wayne Richard Sotesz, Delaware
 Florence Norene Spencer, Granville
 Harriet A. Stambolis, Canton
 Meissa Ilene Stern, Cleveland
 William Loomis Stoneman, Chagrin Falls
 Peter David Strange, Sagamore Hills
 Christopher A. Swaneek, Chagrin Falls
 Stephen Kenneth Swanson, Columbus
 William Edward Theado, Columbus
 David K. Theiss, Racine
 Scott E. Thewes, Canton
 Joseph David Thiemann, Cincinnati
 Richard Anthony Tiberi, Columbus
 Susan Marie Tipp, Westlake
 Richard Steven Toth, Centerville
 Daniel Hugh Townsend, Tieton, WA
 Jami Sue Van Benthuyssen, North Canton
 Ronald Robert Vano, Gahanna
 Electa Dawn Varnish, Zaniesville
 Thomas Kenneth Wagenhauser II, Toledo
 Robert Thomas Wagner, Cincinnati
 Cynthia Jane Walker, Lima
 Michael Glen Walters, Columbus
 Tinnie Ann Ward, Lorain
 John Kay Watkins II, Sylvania
 Linda Sue Weirrib, Columbus
 Julie Ann Weissmann, Cincinnati
 Randy Joe Wellman, Wadsworth
 Christopher D. Westbrook, Ashley
 Barbara E. Westerman, Worthington
 Terri Dawn White, Ironton
 Craig William Wiehe, Reading
 Bradford Kent Williams, Barberton
 Jeffrey Paul Williams, Gomer
 John David Williams, Columbus
 Richard Mark Williams, Columbus
 David Lane Wood, Wooster
 Anthony Stephen Worrall, Columbus
 Gerald Wayne Yocum, Cambridge
 Joni Lynn Zawatsky, Trotwood
 Sandra Gail Zoeller, Fairview Park

**Bachelor of Science in Labor
 and Human Resources**

James Matthew Andracki, Columbus
 Jeffrey Dean Spoon, Colerain

College of Agriculture

Dean: Max Lennon

Bachelor of Science in Agriculture

Joseph Fuh Akumcho, Cameroon
 Bruce Stephen Arledge, Columbus
 Karen L. Bailey, Westerville
 David John Baird, Springfield
 Debra Ann Baumeister, Columbus
 Andrew Robert Bayham, St. Marys
 Timothy John Bender, Fremont

Charles Milton Bernard, Sabina
 Brenda LeeAnne Williams Bohner, Defiance
 Rex Alan Bradford, Wapakoneta
 Laurence M. Brill, Yorkville, IL
 Barbara Susanne Bronder, Greensburg, PA
 Rodney Jay Burns, Amherst
 Gary Dwight Campbell, Bucyrus
 Vickie Lee Chorman, Mentor
 Anna Louise Clark, Columbus
 Michael Blair Clark, Columbus
 Danielle Joan Dawe, Wooster
 Veronica Lynn Dickey, Medina
 Jacqueline Eileen Drachenberg, Columbus
 James Richard Fisher, Powell
 Jeanette Lynn Floss, Hilliard
 Brent Ellis Frobose, Upper Sandusky
 Roderick David Gillispie II, Wooster
 Charles Phillip Gregg, Cable
 Michael Karl Hahn, Collins
 David Joseph Halloran, Cleveland Heights
 James Clifton Hammond, Fresno
 John Chris Harr, West Liberty
 David Allen Hendren, Johnstown
 Harvey Neal Hendrix, West Union
 Amy Elizabeth Hewitt, Mt. Vernon
 Kevin Carl Hinds, Newcomerstown
 Tamara Ann Holmes, Canal Winchester
 Timothy Alan Holowecy, Avon
 James Robert Johnson, Galena
 Andrew Lee Jones, Tiffin
 Mary Lorraine Kaple, Delaware
 Anna Kline, Brooklyn
 Christine Lyn Kontak, Oregon
 Martin Henry Lamping, Cincinnati
 Dawn Lynette Lanman, Columbus
 Lori Catherine Larosche, East Syracuse, NY
 James Richard Magley, Worthington
 Timothy Guy McCormick, Groveport
 Mark Alan Meyer, Desher
 Douglas Edward Miller, Patriot
 Tamara Sue Miller, Spencerville
 Jesse Douglas Minter, Springfield
 Brian Keith Mitchem, South Solon
 David Patrick Norman, Lebanon
 Alan Grant Notestine, Columbus
 Linda Louise Peak, Avon
 James Scott Peary, Woburn, MA
 Kathleen Virginia Pendery, Cincinnati
 Wendy Kay Peters, Newark
 Jeffrey Randall Plahs, Toledo
 John David Quinn, New Concord
 Gregory Charles Rainer, Huron
 Louise Marie Relling, Chardon
 Joel Alan Riegelmayr, Fairview Park
 Christopher John Rittenhouse, Columbus
 Larry Michael Ryan, Marysville
 George Douglas Secor, Willard
 Mark Sharp Shelton, Bay Village
 Bruce John Sherrick, Ashland
 Luis José Sifontes, Caracas, Venezuela
 Douglas Christopher Smith, Dayton
 Trent Kenneth Snowden, Wayne
 Alex John Stanek, Bellaire
 Donna Marie Terzian, Holland, NY
 Bradley Alan Thomas, Findlay
 Diane Marie Thompson, Mansfield
 Jeffrey Dwayne Thompson, Marysville
 Kain Noel Turner, Waynesfield
 Diane Carol Veale, Columbus

Robyn Lynn Wargo, Bay Village
 Jerald Randall Warner, Troy
 Richard Douglas Weaver, Dublin
 Randall Curtis Weyant, Columbus
 Darrick Darney Willis, Cleveland
 John Stanley Wright, College Corner
 Tab Lee Wyckoff, New London

Bachelor of Science in Food Science

Richard Norman Thompson, Broadalbin, NY

Bachelor of Science in Food Technology

Cheryl Elena Tetmeyer, Dayton
 Jeffrey Allen Thomas, Columbus

Bachelor of Science in Nutrition

Vincent Lee Small, Columbus
 MaryJo Lynn Weidinger, Reynoldsburg

School of Natural Resources

Bachelor of Science in Natural Resources

Elizabeth Ann Campbell, Dayton
 Mark Phillip Doman, Chagrin Falls
 Dale Allan Dressler, Columbus
 Colleen Marie Easterlin, Columbus
 Eric Eugene Eckstein, Mansfield
 Paul Daniel Garvin, Clyde
 Jeffrey Keith Harmeson, Ansonia
 Robert Earl Hice, West Chester
 Herbert M. Jenkins, Delphos
 John Joseph Lambert, Bay Village
 James Alan Lochotzki, Oak Harbor
 Glenn E. Maxwell, Jr., Bellaire
 Joseph Grover Noethlich, Worthington
 James A. Rathbone, Jr., Cincinnati
 Eric Anthony Rocci, Columbus
 James Timothy Rogers, Columbus
 Amy Jo Skeets, Maumee
 Brendan Francis Patrick Sweeney, Silver Springs, MD
 Paul Gregory Walsh, Eaton
 Randall Eugene Zeisler, Chillicothe

**Agricultural Technical Institute-
 Wooster**

Associate in Applied Science

Becky Jo Arps, Ridgeville Corners
 Robert Glenn Bahler, McClure
 Ronald Edward Bokdry, Barberton
 Alan Rollin Bormuth, Ravenna
 Dale Eugene Breymer, Union City
 Jeffrey Joseph Campo, Bay Village
 Rodney Lee Charley, Ontario

Thomas John Conway, Chicago, IL
 Joseph Martin Corcoran, Chillicothe
 Andrew Francis Dangelo, Solon
 Christopher John Gallagher, Euclid
 William Robert Gallagher, Euclid
 Michael Martin Gauthier, Lima
 Lynn Allen Goshe, Tiffin
 Barbara Kay Grooms, Troy
 John Edward Gross, Wooster
 Paula Sue Hardesty, Wapakoneta
 Willem E. Henke, Jr., Brunswick
 Stephen Edward Hogan, Cincinnati
 Gary Lew Horn, Broadview Heights
 David Allen Inbody, Arlington
 William Michael Kalista, Columbus
 J. Barton Kanicki, Pierpont
 Timothy John Lestock, Cleveland
 Jeffrey Allen Lowry, Urbana
 Jerry Lynn Miller, Bell Center
 Mark J. Molek, Berea
 Cynthia Marcinia Mullins, Kent
 Eric Carl Peters, Orrville
 John Edmund Rock, Wooster
 Thomas Edward Rock, Willowick
 John Michael Sachs, Fremont
 Gary Lee Schroeder, Leipsic
 David Edward Sheets, Logan
 Cheryl Ruth Slawter, Akron
 David Lynd Spooner, Reynoldsburg
 Heather L. Sprague, Madison
 Janet Lynn Stefanko, Creston
 Scott William Stevenson, Barborton
 Cynthia René Taylor, Toledo
 Michael Gary Walters, Strongsville
 David Eiden Wickline, Marysville
 Gregory Alan Williams, Pataskala

College of Education

Dean: Donald P. Anderson

Bachelor of Science in Education

Justina Marie Acquista, Reynoldsburg
 Jonathan Sari Adams, Bauchi, Nigeria
 Julie Gale Astles, Toledo
 Christine Elaine Banks, Worthington
 Roger Paul Battistelli, Hamburg, NY
 James Allen Battisti, Mansfield
 Laura Lynn Beer, Mansfield
 Janet Loucille Bergman, Botkins
 William David Boyer, Wheelersburg
 Charles Robert Bunner, Columbus
 Mohammed Salihu Burra, Bauchi, Nigeria
 John Richard Callahan, Columbus
 Patricia Ann Carle, Circleville
 David Alan Carter, Grove City
 Lucy A. Champlin, Columbus
 Timothy Irwin Conway, Columbus
 Karen Basil Crabbe, Columbus
 Ronald Scott Cushing, Akron
 Lynn Marie Czubik, Kalida
 Carmen Renee DePalma, Lima
 Jennifer Okeson Dever, Kettering
 Karen Lynn Donalson, Columbus
 Alan Thomas Eland, Madison
 Kevin William Ellinwood, Marion

Pamela Faith Fader, Youngstown
 Mary Ann Fallon, Hilliard
 Randall Owen Felumée, Granville
 Victoria Lynn Friemoth, Kenton
 Traci Sue Gammon, Columbus
 Susan Lee Gardner, Cleveland
 Roger Lyle Goodman, Okemos, MI
 Stefanie Jane Goodman, Warren
 Renee Joy Gross, Beachwood
 Michelle Susan Halpern, Pepper Pike
 MaryLynn Hart, Toledo
 Millicent Lorraine Hawkins, Washington, DC
 Sheryl Anne Hayes, Columbus
 Joseph Daniel Heeter, Lima
 Catherine Renee Hitchings, Arcadia
 Elizabeth Carol Ison, Hamilton
 Jacob Job-Rivera, New York, NY
 Kathryn Lyn Lawrence, Westerville
 Donald Scott Leggett, Columbus
 Jeffrey Calvin Leimbach, Lima
 Sophia Lucas, Columbus
 Elaine Rochell Luchini, Lima
 Kekei Malam Mai, Bauchi, Nigeria
 Steven Joseph Mazzi, Whitehall
 Kimberly Jane McAlister, New Boston
 Martha Jean McCoy, Plymouth
 Karen Patricia McNally, Shaker Heights
 Teresa Ann Mengerink, Napoleon
 Eugene Charles Miday, North Canton
 Anne Marie Miller, Newbury
 David Stuart Miller, Canton
 Jill C. Moss, London
 Sandra Ann Murphy, Obetz
 Daniel Joseph O'Brien, Centerville
 Eileen Murphy O'Dwyer, Columbus
 Kenneth Michael Phelan, Cleveland
 Cynthia Louise Ploss, Galion
 Marie Aleen Rayman, Elda
 Wendy Lee Redding, Columbus
 Teresa Ann Riffe, Lima
 Mari Ellen Ross, Mt. Vernon
 Tina Marie Rucidlo, Cleveland
 Babayo Gumau Saidu, Bauchi, Nigeria
 Joseph Michael Salamony, Galloway
 Christine Marie Sanderson, Killingworth, CT
 Philip R. Schwendenman, Columbus
 Charles Anthony Scipione, Worthington
 Pamela Sue Scott, Bellbrook
 Sally June Shaffer, Utica
 Lucille O. Sherrill, Cleveland
 Bonnie Gayle Siegelman, Mayfield Heights
 Edna Elisha Smith, Ottawa
 Don Eric Snyder, North Ridgeville
 Brenda Sue Stoltz, Findlay
 Roberta Jean Straub, Seven Hills
 Kimberly Jean Summers, Wooster
 Kathy Boggess Sweigart, Groveport
 Laura Jean Tackett, Columbus
 Toni Lynn Tamburino, Youngstown
 Jill Margaret-Mary Tasse, Westlake
 Judith Anne Tong, Pickerington
 Janice Suzanne Trumbull, Columbus
 Judy Mary Wannemacher, Fort Jennings
 Rebecca Lynne Watson, Mansfield
 Linda Betz Webel, Mansfield
 Philip Donald West, Troy
 Nancy Jean Williams, Wilmington
 Betty Jane Wolgamuth, Stow
 Tamara Ann Woodring, Columbus

**Bachelor of Art Education and
 Bachelor of Music Education
 degrees are offered jointly by the
 College of the Arts and
 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

David Gordon Hoagland, Columbus
 Curtis Michael Longo, Springfield
 John Robert Weaver II, Huron
 Perry Michael Westhaus, Columbus

Bachelor of Science in Agricultural Engineering

Greg Martin Ehrlé, Springfield
 Diane Kay Roller, Wooster
 Robert Augustine Walther, Avon Lake

Bachelor of Science in Aviation

Rateb Mohd Khasawneh, Irbid, Jordan

Bachelor of Science in Ceramic Engineering

Jonathan Mark Battison, Columbus
 Gregory Todd Gordon, Mansfield
 Nora Reiss Osborne, Yellow Springs
 George Michael Smith, Cincinnati

Bachelor of Science in Chemical Engineering

Najila Emadi, Tehran, Iran
 Hong Pil Kim, Seoul, Korea
 Ronald Wayne Martin, Jr., Toledo
 David William Nolen, Johnsville
 Terrance Alan Theaker, Mansfield

Civil Engineer

Nicolas G. Moussi, Tripoli, Lebanon

Bachelor of Science in Civil Engineering

Mohamed M. Salim Bamedhaf, Somalia
 Philip Edward Beal, Chatfield
 Gregory Thomas Boyer, Columbus
 Loretta Carr, Cleveland
 Carl David Chadwell, Bealsville
 Jeffrey Scott Crowl, Mavern

James Patrick Faherty, Columbus
Roger Keith Jacobsen, Oakland, NJ
Raymond Michael Kolonay, Trafford, PA
John William Moloney, Sidney
Mark F. Murray, Fairborn
Paul Dean Otworth, Franklin Furnace
Gary Matthew Parrill, Springfield
Clark Alan Rausch, Hilliard
Brian Walter Schostak, Macedonia
Dan Jesus David Thiele, Thornroville
Barry Clinton Thompson, Barboursville, WV
Antonios Vrachliotis-Bottis, Corfu, Greece
Ka Hock Wong, Kuala Lumpur, Malaysia

Bachelor of Science in Computer and Information Science

Cathy Jane Boggs, Columbus
Steven Wayne Claggett, Delaware
Rebecca Ann Currence, Massillon
Anna Louise Dixon, Chillicothe
James William Dolan, Kettering
Joseph I. Dooley, Cincinnati
Jeffrey Scott Dozer, Reynoldsburg
Owen Thomas Gwilliam, Columbus
Mazhar Habibi, Tehran, Iran
Michael Joseph Harabedian, Broadview Heights
David Eugene Harshbarger, Lakeview
Wai-Ling Hew, Ipoh, Malaysia
Judith Lynn Hull, Columbus
Cynthia Kay Jedlicka, Medina
Kurt Douglas Kauffman, Baltimore
Kevin Dennis Lardin, Ottoville
Kent David Margraf, Kettering
Lorraine Marie McGuinness, Reynoldsburg
Eyad Abdel-Oader Naser, Ramallah, Jordan
David Benjamin New, Columbus
Mark Richard Phillips, Centerville
Marc Alan Rayburn, Columbus
Edmund Joseph Romito III, Walton Hills
William Henry Stewart, Coal Grove
David Alan Valentine, Manchester

Bachelor of Science in Electrical Engineering

John Robert Agnew, Xenia
Mohd Faisal Ahmed, Karachi, Pakistan
Mohammed Abdulhaliq Al-Ismaily, Muscat, Oman
Frederick Dean Askins, Fort Jennings
Michael Edward Baumann, Mansfield
George Daryl Blankenship, Piqua
Michael Edward Brannan, Cincinnati
Lee Lynn Brown, Cincinnati
Kenneth Bruce Cohen, Reynoldsburg
David L. Collard, Cleveland Heights
Randall C. Czerniec, Great Falls, VA
Bruce Alan Deernhake, Columbus
Keith Carson Fife, Columbus
Stephen James Garnick, Toronto
Eugene Victor Gonze, McDonald
Guy Lynn Guthrie, Columbus
Stephen Scott Hitchcock, Heath
Mary J. Howard, Columbus
Koh-Boon Kee, Johore, Malaysia
Robert Allen Kilii, Spencerville
Jonathan Levy, Cleveland Heights

Pui Ching Li, Hong Kong
Brian Dale Logsdon, Ashville
Karl Jay Lumpkins, Bedford
Edward Carl Maloof, Columbus
Nenad Matejic, Columbus
Scott Alan Merry, Zanesville
Michael Frank Mikula, Defiance
Rafael Eduardo Nivia, Bogota, Colombia
Stephen Thomas Pastor, Mayfield Heights
Duc Trong Pham, Columbus
James Paul Root, Ashtabula
Carolyn Sue Sabo, Monroeville
Randy Lee Shiplett, Lagrange
Robert Alan Siktberg, Richmond Heights
Raymond Davis Sprouse, Jr., Grove City
Timothy Wayne Tamerler, Battleground, WA
Brian Fans Thomas, Madison
Deborah Elizabeth Vogel, Pickerington
Jacqueline Rae Vota, Mt. Pleasant
James Harrison Whited, Columbus

Bachelor of Science in Engineering Physics

David D. Huff, Worthington
Hayel M. Shehadeh, Lagrange, IL

Bachelor of Science in Industrial and Systems Engineering

Thomas Perry Adams, Worthington
Ralph Joseph Anthony, Columbus
Nancy Catherine Balesw, Cleveland Heights
Suzanne Loraine Bangs, Worthington
Mark Edward Barth, New Washington
Jeffrey Douglas Becker, Columbus
Kenneth Bonberg, Cleveland
Margaret Ann Bowser, Masury
Charles Robert Cash, Columbus
Donald Anthony Cull, Highland Heights
Donald Eugene Dougherty, Columbus
Vicki Lynn Haas, Toledo
James Joseph Kerrigan, Pittsburgh, PA
SaraJane Helen Loucks, Chillicothe
Eric Hayes Pipkorn, Centerville
Judith Ann Rosowicz, Youngstown
Carla Schra, Enon
Craig Alan Smith, Elida
David Edward Steinbach, Franklin
Patrick William Thompson, Columbus
Scott Sherman Warner, Granville
Kai Lyn Weaver, Newark
Michael David Winzeler, Montpelier

Bachelor of Science in Mechanical Engineering

Bassam Abu-Hijleh, Kuwait, Kuwait
Gregory Donald Bond, Mansfield
Jeffrey D. Caracillo, Massillon
Leonid Chuzhoy, Columbus
Robert Raymond DeAnna, North Royalton
Kevin Peter Derrick, Parma
Dean Anthony Dickmann, Youngstown
Jeffrey David Eyre, Chillicothe
Lawrence William Fisher, Rochester, NY
Michael Donald Foley, Dayton

Holly Sue Gerard, Milford
Andrew Allen Grayson, Dayton
Scott Edward Hamilton, Canton
Andrew David Herbert, Salem
Scott Kevin Hughes, Cincinnati
Jeffrey Richard Joyce, Berea
Thomas James Kerrigan, Vienna
Stanley Gerard Kupka, Fremont
David Renaud Lajeunesse, Mayfield Village
Randall P. Liette, Chickasaw
Tom L. MacLean, Columbus
Grant William Nelson, Warren
J. Christopher Parrish, Bryan
Donald Lee Pullins, St. Paris
Stephen John Reider, Perrysburg
Lynn Martha Retalack, Columbus
Virginia Sanchez de Sifontes, Caracas, Venezuela
Michael D. Smith, Wellington
Joe Edward Smithberger, Pataskala
Gerald Robert Steffen, Brecksville
Karl Michael Steins, Alliance
Barry Lee Wade, Marysville
Samuel David Warbel, Powhattan Point
Neal Joseph Wilgig, Cincinnati

Bachelor of Science in Metallurgical Engineering

Joseph Jay Kromalic, Steubenville

Bachelor of Science in Mining Engineering

Thomas P. Petrozzi, St. Clairsville

Bachelor of Science in Surveying

Carl David Chadwell, Beallsville
Richard Gilbert Greene, Georgetown, Guyana
Brian Walter Schostak, Macedonia

Bachelor of Science in Welding Engineering

Charles Edwin Jay, St. Petersburg, FL
Donald William Keck, Berea
Timothy Brett Morris, Proctorville

School of Architecture

Bachelor of Science in Architecture

Jeffrey Brian Charette, Lexington
Steven Bruce Garand, Fremont
Scott Alan Watson, Columbus

Bachelor of Science in Landscape Architecture

Stephen Lester Avery, Chatham
Deborah Twele Bickmire, Franklin
Roger Michael Braund, Chardon

Douglas Paul Brown, Columbus
John Joseph Faehnie, Waterville
Robin Michele Hairston, Pataskala
Brian Andrew Orahoske, Willoughby
Jeffrey W. Shonkwiler, Columbus

College of Home Economics

Dean: Lena Bailey

Bachelor of Science in Home Economics

Debra Ann Allen, Ravenna
Laura Lea Ames, Grove City
Kelly Carver, Sandusky
Kimberly Beth Donahue, Rushville
Catherine May Edmondson, Columbus
Sharon Elaine Elliott, Pickerington
Laura Lynn Ervin, Columbus
Joanne Fabish, Columbus
Judith Lynn Graffius, Canfield
Cheryl Rene Hamocks, Columbus
Terry Walker Hampron, Stoutsville
Carolynn Ann Henley, Bay Village
Marybeth Konkoly, Mayfield Heights
Stephanie Lev, Youngstown
Sally A. McCollough, Bloomingdale
Carolyn Louise Means, Columbus
Janet Sue Pishner, Zanesville
Carla Ann Polko, Warren
Barbara Schmitz, Columbus
Heidi Marie Schwab, Lakewood
Jokeen Rae Seibert, Medina
Sharon Ann Sherman, Columbus
Sharon Lee Silverberg, Willoughby
Patricia Ann Smith, Englewood
Elizabeth Lynn Yourist, Columbus
Lucita L-F Yubero, Mansfield

Bachelor of Science in Hospitality Management

Thomas Richard Hornung, Westerville

College of Medicine

Dean: Manuel Tzagournis, M.D.

Doctor of Medicine

Helen Joy Volodkevich, Medina
B.S. (University of Cincinnati)

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Karen Jane Abrahamson, Painesville

Diane Elizabeth Blicharski, Seven Hills
Monica Lynne Carpenter, Gahanna
Cecilia Mae Clapgood, Columbus
Philip Mark Gutkoski, Port Clinton
Raymond Eric Keyner, Lima
Kathryn June Kretzner, Maumee
Jack Stanley Prichard, Jr., Whitehall
Barbara Ann Roller, Columbus
Barbara Louise Wittenmyer, Findlay

Certificate of Post Baccalaureate Circulation Technologist

Alan Mark Becker, Brooklyn, NY
B.S. (State University of New York at Stony Brook)
Timothy Garwin Nemzek, Columbus
B.A. (Macalester College); M.A. (University of Illinois)
Julie K. Paibykin, Plymouth, IN
B.A. (Indiana University)

College of Nursing

Acting Dean: Grayce M. Sitts

Bachelor of Science in Nursing

Cynthia Louise Brown, Columbus
Dee Paul Fritz, Columbus
Jami Lee Frazier, Mansfield
John Paul Goodman, Reynoldsburg
Carol Anne Koeltisch, Louisville
Beth Ann Mansfield, Columbus
Laurie Ann Matson-Knippen, Ottoville
Linda Ellen Miller, Columbus
Leesa Ann Pearsall, Kettering
Malory Ann Polk, South Euclid
Andrea Squeglia, Youngstown
Joyce Ann Stewart, Columbus
Patricia Ann Takacs, Cleveland
Pamela Ann Tichenor, Canton

College of Pharmacy

Dean: Albert H. Soloway

Bachelor of Science in Pharmacy

Tayrin Celinda Cordova, Rio Piedras, PR
Christopher T. Fout, Grove City
Timothy Dean Furer, Richwood
Jaswinder Kaur, Reynoldsburg
Rebecca Munas Kirtredge, Hilliard
Daniel T. LaRue, Steubenville
Ann J. McClelland, Chardon
John P. Miller, Wickliffe
Maria Ioannis Papouras, Cleveland
Deborah Payn Smith, West Salem
Sing-Ling Yu, Malaysia

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 College of the Arts and Sciences).

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

With Distinction in Forest Biology

Amey Jo Skeels

With Distinction in History

Joseph James Perkoski

With Distinction in Mechanical Engineering

Leonid Chuzhoy

With Distinction in Wildlife Management

Paul Daniel Garvin

With Honors in the Liberal Arts

Michael Derwin Fetters
Robert Eldon Henke
Aviad Pundak-Mintz

Cum Laude

Bassam A. Abu-Hijleh
Becky Jo Arps
Jeffrey Douglas Becker
Lori Maria Bonaminio
Laurie Breedveld
Robert Victor Bulas
Eileen Carandang
Leslie Anne Chabier
Lucy A. Champlin
Paul Carlo Damiani
Chris Marie DiSimone
Jeffrey Scott Dozer
Joanne Fabish
Keith Carson Fife
Julia Finlayson
Renee Joy Gross
Guy Lynn Guthrie
David Allen Hendren
Denise Elaine Jones
Diana L. Jones
Kathryn Lyn Lawrence
Donald Scott Leggett
Ronald Wayne Martin, Jr.
Thomas Richard Murrell

Carolyn Anne Reichert
Bonnie Gayle Siegelman
Edna Elisha Smith
Jerry R. Stallsmith
Kimberly Jean Summers
Jami Sue Van Berthuysen
Diane Carol Veale
Mary Jo Lynn Weidinger
Barbara Louise Wittenmyer

**Summa Cum Laude with Distinction in Fisheries
Management**

Elizabeth Ann Campbell

**Summa Cum Laude with Distinction in
Horticulture**

James Scott Peary

Cum Laude with Distinction in History

Joseph Talbert

**Cum Laude with Distinction in Natural Resources
Development**

Joseph Grover Noethlich

Cum Laude with Distinction in Pharmacy

Deborah Payn Smith

Cum Laude with Honors in the Liberal Arts

Carol Leigh Crotty
Ann Rochelle Thorman

Summa Cum Laude

Linda Jean Ault
David John Baird
Michael Edward Baumann
Laura Lynn Beer
Kelly Carver
Grace Marie Henry
Lisa Marie Hill
Carol Anne Koelisch
Marybeth Konkoly
Betty J. Kordos
Martha Jean McCoy
Linda Ellen Miller-Davis
Mark J. Molek
Grant William Nelson
Susan Stranahan Parker
Marie Aleen Rayman
Lynn Martha Retalack
Tracy Renee Robinson
Patricia Marie Stachura

**Summa Cum Laude with Distinction in
Agricultural Economics**

Bruce John Sherrick

**Summa Cum Laude with Distinction in Animal
Science**

Barbara Susanne Bronder

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

Wooster, Ohio, April 5, 1985

The Board of Trustees met at its regular monthly meeting on Friday, April 5, 1985, at the Ohio Agricultural Research and Development Center, Wooster, Ohio, pursuant to adjournment.

* * *

Minutes of the last meeting were approved.

* * *

April 5, 1985 meeting, Board of Trustees

The Chairman, Mr. Hilliker, called the meeting of the Board of Trustees to order at 9:10 a.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: D. James Hilliker, Chairman, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, Hamilton J. Teaford, and John J. Barone.

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Mr. Hilliker reconvened the meeting at 11:30 a.m.

Present: D. James Hilliker, Chairman, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, Hamilton J. Teaford, and John J. Barone.

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Mr. Hilliker announced the appointment of the following persons to the Nominating Committee:

Daniel M. Galbreath, Chairman
Shirley D. Bowser
John D. Berry

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RENAMING THE ACADEMIC FACULTY OF ACCOUNTING

Resolution No. 85-100

Synopsis: Renaming the Academic Faculty of Accounting, the Academic Faculty of Accounting and Management Information Systems is proposed.

WHEREAS the faculty of the College of Administrative Science have un-animously approved renaming the Academic Faculty of Accounting, the Academic Faculty of Accounting and Management Information Systems; and

WHEREAS this proposed name change has been discussed with all units who have expressed an interest in this matter; and

WHEREAS there has been a very significant increase in the amount of information available in the business world, along with rapid technological advances in processing and communicating this information; and

WHEREAS the majority of information systems or management information systems around the country are located in colleges of business and management; and

WHEREAS the ability to manage information systems and to use information intelligently is of increasing importance to good management in the business/industrial and public sectors of our society; and

April 5, 1985 meeting, Board of Trustees

RENAMING THE ACADEMIC FACULTY OF ACCOUNTING (contd)

WHEREAS there is a definite need for specialists trained with managerial/organizational skills and information analysis skills; and

WHEREAS a management information systems program will be designed to produce this type of specialist:

NOW THEREFORE

BE IT RESOLVED, That the University Senate has approved the requested name change from the Academic Faculty of Accounting to the Academic Faculty of Accounting and Management Information Systems, and respectfully request concurrence by the Board of Trustees.

Upon motion of Mr. Teaford, seconded by Mr. Berry, 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. 85-101

Synopsis: Amendments to rules 3335-3-19, 3335-5-02, 3335-5-07, 3335-5-15, 3335-5-46, 3335-5-51, 3335-7-21, 3335-7-24, 3335-7-26, 3335-7-30, 3335-7-32, 3335-7-33, 3335-7-35, 3335-9-01, 3335-9-12, 3335-9-14, 3335-9-17, and 3335-9-18 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 16, 1985, as follows:

AMENDED RULES

3335-3-19 University registrar.

Subject to the direction of the vice provost for student affairs, the principal duties of the university registrar shall be the supervision of the details of registration, records, and scheduling which shall include: distribution of registration forms; distribution of approved schedules; fee assessments and adjustments; record of fee payments; maintenance of current quarter, semester, or session schedules; maintenance of home or permanent addresses, name and address of person(s) to be notified in case of emergency, local addresses and the respective telephone numbers of all currently enrolled students; the posting of quarters, semesters, and sessions of attendance; the posting of all courses and respective marks; recording of all probations and dismissals; recording of withdrawals; recording of all degrees earned and dates; recording of all past names and other demographic data; the distribution of the official student records to include the proper confidentiality safeguards; scheduling of classroom

April 5, 1985 meeting, Board of Trustees

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

space, classes, and final examinations; offering placement testing, admission testing, test scoring services, a mechanism for student evaluation of teaching, and coordination of the credit by examination programs; other routine duties associated with the registration, records and scheduling of students; and special projects and duties that may be assigned from time to time by the vice provost for student affairs.

3335-5-02 Appointments and continuing employment; conditions upon.

(A) Upon nomination and recommendation by the president of the university, the board of trustees shall make all appointments to all positions within the university and approve the salaries therefor. Such appointments, for a period not to exceed four academic quarters, or a summer session and two semesters if applicable, shall be evidenced by a notice of appointment signed by the secretary of the board and sent to the appointee for acceptance. The notice of appointment form is a budgetary convenience containing some detail relating to the employment relationship during the term of the appointment, such as salary, title, and the quarters, semesters, or sessions, during which service is to be rendered. The form is used for appointment to many and varied kinds of service, including appointment to positions which may be tenure accruing and others which are not. Neither the issuance of the notice nor its contents is intended to reflect any commitment by the trustees as to the recipient's tenure or as to renewal of appointment.

3335-5-07 Term of duty.

All members of the teaching staff on duty during a given quarter, semester, or session, are expected to report for duty and to be available for consultation and organization at least one day preceding the day designated in the calendar as the day for classes to begin. They are also expected to remain on duty through the convocation and examinations which conclude the work of the quarter, semester, or session.

3335-5-15 Executive committee.

Each college shall have the power to designate an executive committee to which it may delegate authority to transact the business of the college as provided by the rules or by the established precedents of the college. Unless otherwise provided by the college faculty, this committee shall receive and act upon student petitions relative to courses of study and reinstatement; shall certify to the college faculty at the end of each quarter, semester, or session, lists of students who have fulfilled the requirements for a degree, or for whom special recommendation is made; and shall bring before the college faculty any matter coming within its knowledge that needs the consideration or action of the college. The dean of the college shall act as chairperson of the committee.

3335-5-46 Senate committees.

(T) The rules committee shall have the following functions and responsibilities:

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

- (1) The committee, in cooperation with the secretary of the university senate, shall be responsible for the formal supervision of the published "Rules of the University Faculty" and of all statutes and bylaws pertaining to the university senate. It 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 university 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 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 pending but not on the agenda.

3335-5-51 Athletic council.

- (A)₁₀. The athletic council shall consist of fourteen members, eight of whom shall be members of the university faculty, two of whom shall be alumni of the university, and four of whom shall be students of the university. These members shall be selected as follows:
- (1) One faculty member shall be elected by the university senate in the spring of each year at one of its regular meetings and one faculty member shall be appointed by the president each spring. The term of service for each shall be four years commencing the first of July following election or appointment; a member serving a full term may not be reelected or reappointed until one year has elapsed; the terms shall be staggered so that two members retire each year.
 - (2) The alumni members shall be designated by the Ohio state university alumni association for a term of four years, the terms to be staggered so that one member retires every two years, and under such procedures as the association shall adopt.
 - (3) Two undergraduate student members shall be elected by the undergraduate student government, one each year, for a term of two years under such procedures as the undergraduate student government shall adopt. One student member shall be selected by the council of graduate students for a term of one year under such procedures as the council of graduate students shall adopt. One student member shall be selected by the graduate-professional council for a term of two years under such procedures as the graduate-professional council shall adopt.

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

- (B) Subject to the general authority of the president and the board of trustees, the athletic council shall be charged with the development of policy governing intercollegiate and intramural athletics, as the agent of the university senate.

The policies established by the athletic council shall guide the administration of the program of intercollegiate athletics by the director of athletics, but the council shall not serve in an administrative or executive capacity. 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. Its recommendations or decisions on policy shall be made known to the university senate and to the staff of the department of athletics. The university senate may hold these policies in review.

- (C) The selection of the university's faculty representative to the intercollegiate conference of faculty representatives (big ten conference) is the responsibility of the athletic council and the president.
- (1) The athletic council shall prepare a list of no fewer than two faculty members from which the president shall select the faculty representative. All regular, tenured faculty members are eligible for inclusion on this list. A nominating committee shall be appointed by the chair of athletic council; the committee shall 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. 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.
- (2) The term of office for a faculty representative shall be three years with reappointment as faculty representative for no more than one additional three-year term permissible. The term of regular service shall begin the first of July following appointment. If the incumbent faculty representative is eligible 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 faculty representative should serve a second term and

April 5, 1985 meeting, Board of Trustees

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

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 (1) above.

- (3) A faculty representative who is not 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.

3335-7-21 Marks.

(G) "I"--incomplete

- (3) The student must complete the work so that the instructor of the course may report the final mark at the earliest possible time, but not later than noon of the sixth Saturday of the quarter, semester, or session, following that in which the "I" was received. For legitimate reason the instructor may establish a deadline for the completion of the work which is within the maximum time permitted. Upon petition of the student within this period, the authorized representative of the dean or director of the enrollment unit in which the student was last enrolled after consultation with the instructor of the course, or, if the instructor is unavailable, the chairperson of the department involved, may for good reason allow a student additional time in which to complete the work. Generally, this shall not be longer than the end of the quarter, semester, or session following that in which the "I" was received. Any decision extending the period shall set forth the time in which the student shall complete the work and a copy of the decision shall be forwarded to the office of the university registrar.

(I) "P"--progress

- (1) This mark is used to indicate that the student has shown satisfactory progress in a series or sequence of courses where the mark is not recorded until the final quarter, semester, or session of the series or sequence is completed. Until such time as a final mark is recorded, the mark of "P" shall be given and the credit shall be counted as hours only, and shall not be considered in determining a student's point-hour ratio under rule 3335-7-26 of the Administrative Code. When a final mark is submitted by the instructor, all previous "P" marks shall assume and be recorded with the value of this final mark.
- (2) "P" mark is not to be used for any course approved for the "S," "U" grading option.

April 5, 1985 meeting, Board of Trustees

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

3335-7-24 Credit hours.

- (B) In determining the hours per week required by the course or work, the council on academic affairs may, in appropriate cases, consider the average weekly hours spent during a quarter, semester, or session on the course or work. It should be remembered that the above are guides only and may be deviated from for good cause.

3335-7-26 Point-hour ratio.

- (B) When determining the point-hour ratio of a student:
- (1) For a quarter, semester, or session, the "applicable number of credit hours" shall be the student's scheduled credit hours in that quarter, semester, or session.

3335-7-30 Rescheduled courses.

- (B) If, within the first four weeks of a quarter, semester, or session, a student's previous preparation is demonstrably inadequate for a course in which the student originally enrolled, the department or school concerned is empowered to instruct the college or school in which that student is registered to remove the course from the student's schedule and to replace it with a more suitable one.

3335-7-32 Withdrawal from courses or from the university.

- (A) Withdrawal from the university during a quarter, semester, or session, constitutes withdrawal from all courses in which a student is enrolled during that quarter, semester, or session. Upon official notification of the student's withdrawal from the university, the university registrar is authorized to enter the dated notation "withdrew" on the student's official permanent record.
- (C) Until five p.m. of the third Friday of a quarter, semester, or session, or the second Friday of a summer term, a student may withdraw from any or all courses which began in the same quarter, semester, session, or term, and no record for the course(s) will be entered on the student's official permanent record.
- (D) After five p.m. of the third Friday of a quarter, semester, or session and until five p.m. of the seventh Friday of a quarter, semester, or session, if a student withdraws from any or all courses which began in the same quarter, semester, or session, the university registrar is authorized to enter the mark "W" on the student's official permanent record for the courses withdrawn.
- (E) After five p.m. of the seventh Friday of the quarter, semester, or session, or the second Friday of a summer term, a student who because of circumstances beyond his/her control finds it necessary to withdraw from any or all courses, must file the appropriate petition with the authorized representative of the dean or director of the enrollment unit. Reasons not acceptable include (but are not limited to) the student's

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

performance in the course(s), lack of preparation for the course(s), or dissatisfaction with the subject matter offered in the course(s). If the petition is approved, a copy will be filed with the university registrar who is then authorized to enter the mark "W" on the student's official permanent record and the instructor(s) of the course(s) will be so notified. If the petition is not approved, the student continues to be enrolled in the course(s) and a final mark must be submitted by the instructor(s). Withdrawal from any and all courses shall not be permitted after the last day of regularly scheduled classes except when the student experiences a genuine emergency after the regularly scheduled classes end and prior to sitting for the final examination in a given course or courses.

3335-7-33 Conditions for disenrollment from a course.

- (A) After consultation with the instructor, the chairperson of the instructor's department (or other appropriate administrative official) may disenroll a student from a course if:
- (1) By the third instructional day of the quarter, semester, session, or term, or the second scheduled class of the course, whichever occurs later, the student fails to attend the scheduled course without giving prior notification to the instructor. In such cases the chairperson (or other appropriate administrative official) shall notify the student's college office. A change ticket removing the course from the student's schedule shall be prepared and copies forwarded to the student and to the office of the university registrar. The student is not relieved of the responsibility for dropping such course in the customary way.
- (C) For disenrollment, exclusive of audit, under sections (A) and (B) of this rule, the university registrar shall enter on the student's official permanent record:
- (1) No mark, if the disenrollment occurs before five p.m. of the third Friday of a quarter, semester, or session course, or the second Friday of a summer term course; or
 - (2) The mark, "W," if the disenrollment occurs after five p.m. of the third Friday of a quarter, semester, or session course, or the second Friday of a summer term course.
- (D) If a student who has enrolled to audit a course fails to complete the requirements for audit specified by the instructor and also fails to withdraw from the course, the instructor shall so inform the office of the university registrar when marks are reported for the quarter, semester, or session. That office will then disenroll the student from the course, removing the course from the student's permanent record, and will notify the student and the student's college of the action taken. (B/T 7/9/76, B/T 7/22/77, B/T 4/1/83, B/T 2/3/84, B/T 7/6/84, B/T 4/5/85)

April 5, 1985 meeting, Board of Trustees

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

3335-7-35 Quarters, semesters, sessions, and terms.

- (B) The university calendar, including the dates of the beginning and ending of each quarter, semester, session, and term and of the several vacations and recesses within the year, shall be published in the appropriate university bulletins.

3335-9-01 Classification of students for admission.

- (D) Transient students. This shall include regular enrollees of other institutions who with the recommendation of their college authorities enter this university for a brief residence (usually one quarter, semester, session, or term) without transfer of credits.

3335-9-12 Registration conditional upon payment of fees.

- (A) All bills, fees, and deposits required from students for a quarter, semester, or session, must be paid at the office of fees and deposits prior to and as a condition of registration for that quarter, semester, or session.
- (B) On the first day of class each quarter, semester, or session, each student is required to demonstrate the right to enrollment in scheduled classes by presentation of an approved schedule or appropriate change document and paid fee card.

3335-9-14 Time of registration and payment of fees; penalties.

- (A) Payment of fees is required of all students each quarter, semester, or session, by the close of business on the date established by the vice provost for student affairs in cooperation with the appropriate offices, and published by the office of the university registrar. This fee payment deadline will apply to the postmark date for fees paid by mail and to the date of receipt for fees paid in person. Failure to meet this requirement will result in a penalty assessment, unless excused by the university registrar or designee.
- (B) All fees, including penalties, must be paid on or before the fourteenth day after classes begin each quarter, semester, or session. The university reserves the right to refuse registration if fees are not paid by the date on which they are due. Individual exceptions to this provision may be made only upon the approval of the vice president for business and finance or designee.

3335-9-17 Filing registration forms.

All students are required to present their registration forms with course requests each quarter, semester, or session, at the time and place announced by the office of the university registrar. Failure to comply with this rule will result in a penalty assessment.

April 5, 1985 meeting, Board of Trustees

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

3335-9-18 Return of fees.

(B) Quarter or session fees will be refunded according to the following schedule:

Balance unchanged.

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

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JOSEPH SULLIVANT MEDAL AWARD

Resolution No. 85-102

Synopsis: The awarding of the Joseph Sullivant Medal is recommended.

WHEREAS the Joseph Sullivant Medal is awarded once every five years as a memorial to the eminent services of Joseph Sullivant who, as a member of the first Board of Trustees, contributed significantly in determining the character and future of The Ohio State University; and

WHEREAS pursuant to the procedure established by this Board of Trustees, nominations for the award were referred through the Acting Dean of the Graduate School to a Board of Award appointed by the President; and

WHEREAS after a careful review of all nominations this Board of Award recommended to the President that Dr. William Fowler, a 1933 graduate of Ohio State and a Nobel Prize Laureate in Physics, be the recipient of this award; and

WHEREAS the President, in support of this recommendation and on behalf of the Board of Trustees, authorized the granting of this medal at a time convenient to the University and the recipient.

NOW THEREFORE

BE IT RESOLVED, That the Joseph Sullivant Award be presented in accordance with the provisions for granting this award.

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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PERSONNEL ACTIONS

Resolution No. 85-103

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the March 1, 1985 meeting of the Board, including the following Changes in Title, Appointment, Reappointment of Principal Administrative Official, Appointment of Chairperson of Department, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles as detailed in the University Budget be approved.

Changes in Title

Name: JOAN R. LEITZEL
Title: Associate Provost and Professor in the Department of Mathematics
Office: Academic Affairs
Effective: April 8, 1985
Salary: N/A
Present Position: Acting Associate Provost and Professor in the Department of Mathematics

Name: WILLIAM MYLES
Title: Associate Director
Department: Athletics
Effective: March 18, 1985
Salary: N/A
Present Position: Assistant Coach Major Sports in the Department of Athletics

Appointment

Name: CHARLES E. HEATER
Title: Assistant Coach Major Sports
Department: Athletics
Effective: March 20, 1985
Salary: \$41,040.00
Present Position: Defensive Backfield Coach, University of Wisconsin

Reappointment of Principal Administrative Official

ROBERT E. TAYLOR, Executive Director of the National Center for Research in Vocational Education, effective July 1, 1985 through June 30, 1990, pursuant to rule 3335-3-17 of the Administrative Code.

Appointment of Chairperson of Department

April 1, 1985 through June 30, 1985

Surgery

Ronald M. Ferguson*

*Acting Chairperson

April 5, 1985 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary

MANSEL G. BLACKFORD, Professor, Department of History, effective Autumn Quarter 1985 and Winter Quarter 1986, to accept a Fulbright lectureship to Japan.

CLARK LEAVITT, Professor, Academic Faculty of Marketing, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986, to accept a position at the Ogilvy Center for Research and Development in San Francisco, California.

WILLIAMSON MURRAY, Associate Professor, Department of History, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986, to accept an appointment at the Naval War College, Newport, Rhode Island.

CAROLE R. ROGEL, Associate Professor, Department of History, effective Winter Quarter 1986, to pursue work on book manuscript.

VIJAYARAGHAVAN GOVINDARAJAN, Assistant Professor, Academic Faculty of Accounting, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986, to complete joint research project at Dartmouth College.

Professional Improvement Leaves

JAMES L. BATTERSBY, Professor, Department of English, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

JOHN C. BURNHAM, Professor, Department of History, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

HAO CHANG, Professor, Department of History, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

DONALD B. COOPER, Professor, Department of History, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

STANLEY J. KAHRL, Professor, Department of English, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

TERRY J. LOGAN, Professor, Department of Agronomy, effective April 1, 1985 through July 31, 1985.

J. DAVID MCCRACKEN, Professor, College of Agriculture, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

STEPHEN S. PINSKY, Professor, Department of Physics, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

MARVIN R. ZAHNISER, Professor, Department of History, effective Autumn Quarter 1985 and Winter Quarter 1986.

April 5, 1985 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leaves (contd)

JUNE W. ALLISON, Associate Professor, Department of Classics, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

GORDON J. AUBRECHT, II, Associate Professor, Department of Physics (Marion), effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

CATHERINE A. CALLAGHAN, Associate Professor, Department of Linguistics, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

DAVID Y. CHEN, Associate Professor, Department of East Asian Languages and Literatures, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

JAMES M. FALKO, Associate Professor, Department of Medicine, effective December 1, 1985 through March 31, 1986.

DANIEL M. FARRELL, Associate Professor, Department of Philosophy, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

ROBERT KRAUT, Associate Professor, Department of Philosophy, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

GISELA VITT, Associate Professor, Department of German, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

AMNON ZIPIN, Assistant Professor, University Libraries, effective August 1, 1985 through July 31, 1986.

Emeritus Titles

GILBERT L. ATKINSON, Cooperative Extension Service, with the title Professor Emeritus, effective April 1, 1985.

GEORGE R. L. GAUGHRAN, Department of Anatomy, with the title Professor Emeritus, effective July 1, 1985.

WALTER KNOPP, Department of Psychiatry, with the title Professor Emeritus, effective July 1, 1985.

JOHN P. PARKER, Cooperative Extension Service, with the title Professor Emeritus, effective April 1, 1985.

GLENN O. SCHWAB, Department of Agricultural Engineering, with the title Professor Emeritus, effective April 1, 1985.

April 5, 1985 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

CHARLES F. SEPSY, Department of Mechanical Engineering, with the title Professor Emeritus, effective April 1, 1985.

LAWRENCE N. SHEPHERD, Department of Agronomy, with the title Professor Emeritus, effective April 1, 1985.

CARROLL A. SWANSON, Department of Botany, with the title Professor Emeritus, effective April 1, 1985.

JOHN P. BECKWITH, College of Dentistry - Restorative Dentistry, with the title Associate Professor Emeritus, effective April 1, 1985.

ROBERT V. DEVORE, Department of Electrical Engineering, with the title Associate Professor Emeritus, effective April 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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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 85-104

Synopsis: The reports on contracts, grants, and gifts and the summary for February 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 February 1985 be approved.

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

April 5, 1985 meeting, Board of Trustees

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

SUMMARY FOR FEBRUARY 1985

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	69	\$5,696,256.00
Engineering Experiment Station	45	\$ 174,128.00
		\$5,870,384.00
The Ohio State University Development Fund		
Establishment of Named Funds		
Ohio Eminent Scholar in Art and Design Technology (Provide salary and program support for an outstanding scholar-leader in art and design)		\$ 500,000.00 (Designated General Assembly of Ohio) \$ 500,000.00 (University Funds)
Ohio Eminent Scholar in Molecular Genetics (Provide salary and program support for an outstanding scholar-leader in molecular genetics)		\$ 500,000.00 (Designated General Assembly of Ohio) \$ 500,000.00 (University Funds)
Ohio Eminent Scholar in Scientific Computation (Provide salary and program support for an outstanding scholar-leader in mathematics)		\$ 500,000.00 (Designated General Assembly of Ohio) \$ 500,000.00 (University Funds)
International Water Management Fund (Support programs of international stature - i.e. irrigation technology)		\$ 100,000.00
Bert C. Wiley, M.D., Professorship in Physical Medicine and Rehabilitation Fund (Establish an endowed professorship)		\$ 73,828.00
Norman Rothermich Chair in Arthritis Research Fund (Establish an endowed chair)		\$ 15,000.00
Robert and Anne Hoyt Fund (Dean's Fund - College of Administrative Science)		\$ 15,000.00

April 5, 1985 meeting, Board of Trustees

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

SUMMARY FOR FEBRUARY 1985 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

Francis L. Landacre Scholarship Fund (Scholarships - College of Medicine)	\$ 10,500.00
Mary Lapitsky Graduate Fellowship (Graduate fellowship - Department of Textiles and Clothing)	\$ 7,500.00
The Jean R. Geisman Memorial Fund (Undergraduate scholarships - Colleges of Agriculture and Home Economics)	\$ 6,630.00
Mary Petrie Baumgardner Scholarship Fund (Scholarships)	\$ 6,100.00
Roy O. Becker Agronomy Scholarship Fund (Scholarships - Department of Agronomy)	\$ 5,815.00
Law Class of '69 Endowed Fund (College of Law for current needs)	\$ 5,025.00
Vern R. & Ruth H. Cahill Faculty Pro- fessional Development Fund (Professional development of Meat Science faculty)	\$ 5,000.00
Lucretia G. and John P. Courtright Endowed Faculty Development Fund (Faculty development - Marion Campus)	\$ 5,000.00
Harry W. Ebert Scholarship in Welding Engineering (Scholarships - Welding Engineering)	\$ 5,000.00
Mansfield Campus Real Estate Education Fund (Recruiting activities, tuition grants - students enrolled in real estate education programs at Mansfield Campus)	\$ 5,000.00

Report from Presidents Club

Members to date	4,741
1984-85 members: fiscal year to date	80
New members - February 1985	21

April 5, 1985 meeting, Board of Trustees

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

SUMMARY FOR FEBRUARY 1985 (contd)

The Ohio State University Development Fund (contd)

New Presidents Club Members - February 1985

Margaret Brown Barnett	Gaspar C. Lococo
Basil V. Bisca	Mildred L. Martin
Buckeye Automatic Division	Michael Papaioan & Assoc.
(Robert M. Stabler)	(Michael Papaioan)
Evelyn Cahill	PVF Marketing, Inc.
Richard J. Campbell	(E. J. Mannerino)
Cole-Layer-Trumble Co.	Laura V. Ryan
(Charles Carter)	(Mrs. Joseph)
Converse Electrical Contractor	Roger E. Sauder
(Gerald C. Converse)	Nancy L. Sovine
Bradford K. Cook	(Mrs. Albert)
Janet R. Feusner	Vicki Vallery Utrata
(Mrs. David D.)	(Mrs. Peter J.)
James R. Hodge	Edward W. Wick, Sr.
Roger E. Kephart	White Castle System, Inc.
	(Robert D. Hays)

April 5, 1985 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - February 1985

Federal Research Contracts/Grants

\$1,654,000.00 - Department of Energy, Argonne, IL, High Energy Physics, Department of Physics (T. A. Romanowski, K. Reibel, N. W. Reay, N. R. Stanton, T. Y. Ling and H. P. Kagan), 1 February 1985 through 31 December 1985. (Project 762116 - Continuation)

\$210,276.00 - Environmental Protection Agency, Washington, DC, Environmental Carcinogen Perturbation of Differentiation and Induction of Carcinogenesis: Human Epithelial Cells, Department of Physiological Chemistry and Cancer Research Center (G. E. Milo), 28 February 1985 through 27 February 1986. (Project 763457 - Continuation)

\$175,286.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Use of Cyclosporin A in Bone Marrow Transplantation, Department of Medicine (P. J. Tutschka), 1 February 1985 through 31 January 1986. (Project 763830 - Continuation)

\$152,339.00 - Department of Defense, Washington, DC, The Basic Issues Involved in Military Competence: An Historical Examination, Merston Center for Education and Department of History (A. R. Millett) and Department of History (W. Murray), 1 October 1984 through 30 November 1985. (Project 763532 - Continuation)

\$146,134.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, MD, College of Dentistry - Community Dentistry (L. P. DiOrio), 1 July 1985 through 30 June 1986. (Project 764180 - Continuation)

\$140,835.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Genetic and Molecular Studies of RNA Splicing, Department of Genetics (P. S. Perlman), 1 March 1985 through 28 February 1986. (Project 763452 - 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 1985 through 28 February 1986. (Project 764293 - Continuation)

\$135,000.00 - Environmental Protection Agency, Washington, DC, Co-Carcinogenesis Studies with Epstein-Barr Virus, Department of Medical Microbiology and Immunology (M. R. Glaser) and Cancer Research Center (L. D. Tomei), 1 July 1984 through 30 June 1986. (Project 764169 - Continuation)

April 5, 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)

\$135,000.00 - National Science Foundation, Washington, DC, Liquid and Solid Helium at Very Low Temperatures, Department of Physics (D. O. Edwards), 1 April 1985 through 31 March 1986. (Project 764034 - Continuation)

\$126,635.00 - Department of the Air Force, Air Force Systems Command, Washington, DC, Becton-Dickinson Model 420 Fluorescence-Activated Cell Sorter (FACS), Department of Veterinary Pathobiology (R. G. Olsen), 21 December 1984 through 20 December 1985 (Project 764534 - New)

\$126,099.00 - 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 1985 through 28 February 1986. (Project 762354 - Continuation)

\$115,989.00 - 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 1985 through 31 January 1986. (Project 763428 - Continuation)

\$111,102.00 - 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. G. Gerald), 1 January 1985 through 31 December 1985. (Project 763937 - Continuation)

\$95,414.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Importance of Reactive Oxygen Species in Cell Damage, Department of Medicine (A. L. Sagone, Jr.), 1 March 1985 through 28 February 1986. (Project 763467 - Continuation)

\$95,186.00 - Department of Education, Washington, DC, Improving the Basic Math Skills and Job Awareness of Handicapped Students through Simulated Career Exploration Activities, The National Center for Research in Vocational Education (R. E. Taylor), 1 January 1985 through 31 December 1985. (Project 763423 - Continuation)

\$94,618.00 - 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 and D. S. Parris), 1 March 1985 through 28 February 1986. (Project 764006 - Continuation)

April 5, 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)

\$94,000.00 - 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 1985 through 31 December 1985. (Project 763741 - Continuation)

\$92,546.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, DC, Fatigue Crack Propagation: Probabilistic Modeling and Statistical Analysis, Department of Statistics (P. K. Goel), 1 July 1985 through 30 June 1986. (Project 764222 - Continuation)

\$86,644.00 - Environmental Protection Agency, Washington, DC, Promotion of Carcinogenesis: Role of Aberrant tRNA Modification, Cancer Research Center and Department of Physiological Chemistry (R. W. Trewyn), 1 July 1984 through 30 June 1986. (Project 764159 - Continuation)

\$82,000.00 - National Science Foundation, Washington, DC, CCD Camera System for Spectrophotometric Studies with the Perkins 1.8 Meter Telescope, Department of Astronomy (P. L. Byard), 15 February 1985 through 31 January 1986. (Project 764584 - New)

\$80,000.00 - Department of the Army, Army Research Office, Research Triangle Park, NC, Thermal Analysis Equipment, Department of Ceramic Engineering (D. W. Readey), 15 January 1985 through 14 January 1986. (Project 764571 - New)

\$77,800.00 - National Science Foundation, Washington, DC, Paeoclimatic Investigations on the Quelccaya Ice Cap, Peru, Institute of Polar Studies (L. G. Thompson), 1 March 1985 through 28 February 1986. (Project 763460 - Continuation)

\$75,900.00 - National Science Foundation, Washington, DC, Superfluid Turbulence, Department of Physics (J. T. Tough), 1 March 1985 through 28 February 1986. (Project 763441 - Continuation)

\$75,000.00 - Department of the Army, Army Materials Development Readiness Command, Fort Monmouth, NJ, Computer Communication Protocols for Advanced Communication System, Department of Computer and Information Science (M. T. Liu), 1 April 1985 through 30 November 1985. (Project 763631 - Continuation)

\$72,958.00 - 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)

April 5, 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)

\$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 1985 through 31 December 1985. (Project 764243 - Continuation)

\$58,533.00 - 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 1985 through 21 February 1986. (Project 764587 - New)

\$57,000.00 - Department of the Navy, Office of Naval Research, Arlington, VA, Research on the Kinetics of Phase Changes in Solids, Department of Metallurgical Engineering (J. P. Hirth), 1 March 1985 through 28 February 1986. (Project 764574 - Continuation)

\$53,379.00 - 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) and Department of Veterinary Preventive Medicine (S. Bech-Nielsen), 1 October 1984 through 30 September 1985. (Project 762621 - Continuation)

\$50,641.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, The Pathogenesis of Oral Candidiasis in the Rat, College of Dentistry - Oral Pathology (C. M. Allen), 1 March 1985 through 28 February 1986. (Project 763997 - Continuation)

\$50,000.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, DC, Reliability of Series System and Fatigue Crack Propagation Modeling, Department of Statistics (P. K. Goel), 1 January 1985 through 31 December 1986. (Project 764586 - New)

\$44,600.00 - National Science Foundation, Washington, DC, Reconstruction of "Postglacial" Environmental Changes in the Chilean Channels, Institute of Polar Studies (J. Mercer) and Department of Botany (T. F. Stuessy), 1 February 1985 through 31 January 1986. (Project 764539 - New)

\$43,173.00 - National Science Foundation, Washington, DC, The Sodium Transport Mechanism of the Mammalian-Type Nephron of the Avian Kidney, Department of Zoology (L. Greenwald and J. L. Crites), 1 September 1985 through 31 August 1987. (Project 764591 - New)

April 5, 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)

\$40,000.00 - 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, ElectroScience Laboratory (P. H. Pathak), 1 October 1984 through 30 September 1985. (Project 764343 - Continuation)

\$35,128.00 - 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 May 1985 through 30 September 1985. (Project 763264 - Continuation)

\$33,882.00 - 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 - New)

\$33,600.00 - Department of Education, Office of Postsecondary Education, Washington, DC, Application of the School of Public Administration, The Ohio State University, for Award of Fellowships under the Education for the Public Service Program Component, School of Public Administration (A. D. Lynn, Jr. and C. V. Oster), 1 October 1985 through 30 September 1986. (Project 764111 - Continuation)

\$31,569.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, OH, Pedestrian Injury Reduction Concepts, Department of Mechanical Engineering (D. A. Guenther), 1 February 1985 through 31 December 1985. (Project 764565 - New)

\$23,509.00 - Department of Education, Office of Postsecondary Education, Washington, DC, Supplemental Funds to Initiate, Improve, or Expand a Program of Cooperative Education, College of The Arts and Sciences - Administration, College of Administrative Science - Administration and College of Engineering - Administration (T. A. Willke) and Agricultural Technical Institute - Administrative Support (D. D. Garrison), 1 October 1984 through 30 September 1985. (Project 764578 - New)

\$15,960.00 - Department of the Army, Army Corps of Engineers, Vicksburg, MS, Evaluation of Current Procedures Used to Design Underground Reinforced Concrete Structures, Department of Civil Engineering (R. S. Sandhu), 13 November 1984 through 15 September 1985. (Project 764568 - New)

April 5, 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)

\$11,145.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, OH, Pedestrian Head Impact Reconstruction, Department of Mechanical Engineering (D. A. Guenther and J. A. Collins), 1 January 1985 through 31 March 1985. (Project 763952 - Continuation)

\$8,500.00 - National Science Foundation, Washington, DC, Diffractive Spectroelectrochemistry, Department of Chemistry (R. L. McCreery), 1 April 1984 through 30 September 1985. (Project 763063 - Continuation)

\$8,120.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Effect of O₂ on Sodium Valproate Induced Craniofacial Defects, College of Dentistry - Oral Biology (R. B. Paulson), Department of Anatomy (M. E. Sucheston and T. G. Hayes) and Department of Physiology (H. S. Weiss), 1 March 1985 through 28 February 1986. (Project 763999 - Continuation)

\$7,250.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, DC, The Development of a Curriculum for Pediatric Residents in Handicapping Conditions (Outreach), Nisonger Center for Mental Retardation (M. J. Guralnick), 1 July 1984 through 30 June 1985. (Project 764288 - Continuation)

\$5,103.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Professional Oncology Education Program, Department of Surgery (A. G. James) and College of Medicine - Administration (C. B. Meleca), 1 January 1985 through 31 December 1985. (Project 761412 - Continuation)

TOTAL - FEDERAL AWARDS

\$5,071,853.00

State of Ohio Research Contracts/Grants

\$1,000.00 - State of Ohio, The Ohio Humanities Council, Columbus, OH, Music in the Arab World, Center for Comparative Studies in the Humanities (S. J. Webber), 31 January 1985 through 13 May 1985. (Project 764583 - New)

\$150.00 - State of Ohio, The Ohio Humanities Council, Columbus, Ohio, An Evening in Byzantium: Presentations on Byzantine Civilization, Department of History (T. E. Gregory), 7 March 1984 through 31 December 1984. (Project 764050 - Continuation)

TOTAL - STATE OF OHIO AWARDS

\$ 1,150.00

April 5, 1985 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants

\$150,000.00 - 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, Jr.), 8 February 1985 through 7 May 1988. (Project 764577 - New)

\$55,624.00 - 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 October 1984 through 30 September 1985. (Project 763545 - Continuation)

\$50,000.00 - Air Products and Chemicals, Inc., Allentown, PA, Chelate Dioxygen Carriers for Use in Facilitated Transport, Department of Chemistry (D. H. Busch), 1 February 1985 through 31 January 1986. (Project 763432 - Continuation)

\$50,000.00 - Rockwell International, Los Angeles, CA, Scattering Research on Generic Aircraft Features, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters, Jr.), 18 December 1984 through 30 September 1985. (Project 764573 - New)

\$35,000.00 - TRW, Redondo Beach, CA, Mechanisms and Kinetics of Coal Volatiles Combustion, Department of Mechanical Engineering (R. H. Essenhigh), 14 December 1984 through 30 April 1985. (Project 764572 - New)

\$30,000.00 - Duphar B.V., Weesp, The Netherlands, Duphar-PTRI Collaborative Research, College of Pharmacy (D. T. Witiak), 1 March 1985 through 28 February 1986. (Project 763969 - Continuation)

\$27,563.00 - Edison Welding Institute, Inc., Columbus, OH, Center for Welding Education, Department of Educational Policy and Leadership (J. E. Sage), 1 January 1985 through 31 March 1985. (Project 764579 - New)

\$24,636.00 - Rockwell International Corporation, Columbus, OH, Electromagnetic Testing of Aerodynamic Models, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters, Jr.), 1 February 1985 through 30 April 1985. (Project 764505 - New)

\$11,922.00 - Consolidated Aluminum Corporation, Hannibal, OH, EMC Casting and Mold Repair, Department of Educational Policy and Leadership (J. E. Sage), 1 February 1985 through 30 June 1985. (Project 764589 - New)

April 5, 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)

\$9,640.00 - Edison Welding Institute, Inc., Columbus, OH, Administration of the Center for Welding Education, Department of Educational Policy and Leadership (J. E. Sage), 1 January 1985 through 31 March 1985. (Project 764588 - New)

\$8,994.00 - Rockwell International Corporation, Columbus, OH, Electromagnetic Testing of Aerodynamic Models, Department of Electrical Engineering, ElectroScience Laboratory (W. D. Burnside), 1 February 1985 through 30 April 1985. (Project 764505 - New)

\$5,264.00 - Education Management Corporation, Atlanta, GA, Occupational Analyses for Music Business Institute, The National Center for Research in Vocational Education (R. E. Taylor), 28 January 1985 through 28 February 1985. (Project 764567 - New)

\$4,704.00 - Agron Corporation, London, OH, Effect of Aerobic Fermentation Product on Microbiological Quality of Litter in Turkey Growing Houses, Department of Poultry Science (J. F. Stephens), 1 February 1985 through 30 June 1985. (Project 764566 - New)

\$4,642.00 - HPM Corporation, Mount Gilead, OH, Employee Orientation Video Program, College of Education - Administration (J. J. Buffer), 1 January 1985 through 30 June 1985. (Project 764580 - New)

TOTAL - INDUSTRIAL AWARDS

\$ 467,989.00

Other Non-Federal Research Contracts/Grants

\$42,380.00 - Butler County Department of Human Services, Hamilton, OH, Living Skills Development Program, Cooperative Extension Field Operations (P. H. Simmons), 4 February 1985 through 3 February 1986. (Project 764581 - New)

\$41,427.00 - Children's Hospital Research Foundation, Columbus, OH, Pancreatic Polypeptide in Patients with Altered Appetite, Department of Medicine (T. M. O'Dorisio and S. Cataland), Department of Psychiatry (K. N. Dixon) and Department of Psychology (G. G. Berrtson), 1 January 1985 through 31 December 1985. (Project 763744 - Continuation)

\$18,500.00 - Battelle Memorial Institute, Columbus, OH, Natural Analog Study Technical Support, Department of Geology and Mineralogy (K. A. Foland), 1 October 1984 through 28 February 1985. (Project 764352 - Continuation)

April 5, 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 - Upper Arlington City Schools, Upper Arlington, OH, Upper Arlington-Ohio State Middle School Project, Department of Educational Theory and Practice (J. J. Quaranta) and School of Health, Physical Education and Recreation (A. C. Taggart), 29 August 1984 through 7 June 1985. (Project 764575 - Continuation)

\$15,034.00 - The University of North Carolina, Chapel Hill, NC, Lipid Research Clinics Program-Family Study, Cancer Research Center (K. K. Namboodiri), 1 November 1984 through 30 June 1985. (Project 764585 - New)

\$8,923.00 - Battelle Memorial Institute, Columbus, OH, Tearing Instability Analysis of Degraded Piping, Department of Mechanical Engineering (C. H. Popelar), 1 October 1984 through 31 December 1984 (Project 764521 - New)

\$8,000.00 - Iowa Department of Public Instruction, Des Moines, IA; Kentucky State Department of Education, Vocational Education, Frankfort, KY; New York State Department of Education, Occupational and Continuing Education, Albany, NY and California State Department of Education, Vocational and Continuing Education, Sacramento, CA, 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)

\$3,000.00 - West Virginia Department of Education, Charleston, WV, 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)

TOTAL - OTHER NON-FEDERAL AWARDS

\$ 155,264.00

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$64,187.00 - GTE Products, Corp., Reidsville, NC, "Laser Welding in the Production of Clad Pipe and Tubing: Program Continuation," Department of Welding Engineering, 1 January 1985 through 30 June 1985. (529641, Ext. No. 1)

\$34,429.00 - from 34 sponsors of 41 development projects under the direction of three engineering departments.

\$30,512.00 - General Electric, Cincinnati, OH, "Interface Characteristic of SIC-Fiber Re-Infrared Composites," Department of Ceramic Engineering, 1 January 1985 through 31 December 1985. (529651, Ext. No. 1)

April 5, 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)

\$30,000.00 - General Motors, Warren, MI, "Polymer Engineering Research Program (PERP)," Department of Chemical Engineering, 1 June 1984 through 31 May 1985. (529638, 2nd year)

\$15,000.00 - American Iron and Steel Institute, Washington, DC, "Toxic Gas Release Rates from Building Materials," Department of Chemical Engineering, 1 May 1984 through 30 April 1985. (529001, Ext. No. 18)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 174,128.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

Ohio Eminent Scholar in Art and Design Technology

The Ohio Eminent Scholar in Art and Design Technology was established April 5, 1985, by the Board of Trustees of The Ohio State University, with \$500,000 awarded by the General Assembly of Ohio and a matching \$500,000 from Unrestricted Gifts to the University.

The funds 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 salary and program support for the work of an outstanding scholar-leader in art and design. Appointment as the Ohio Eminent Scholar in Art and Design Technology will be recommended by the Dean of the College of The Arts to the Provost and President and approved by the Board of Trustees.

Should the need for this position 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 and research in the arts. Any redirection of this endowment prior to ten years from the date established shall require the prior approval of the Ohio Board of Regents.

Ohio Eminent Scholar in Molecular Genetics

The Ohio Eminent Scholar in Molecular Genetics was established April 5, 1985, by the Board of Trustees of The Ohio State University, with \$500,000 awarded by the General Assembly of Ohio and a matching \$500,000 from Unrestricted Gifts to the University.

April 5, 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)

Ohio Eminent Scholar in Molecular Genetics (contd)

The funds 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 salary and program support for the work of an outstanding scholar-leader in molecular genetics. Appointment as the Ohio Eminent Scholar in Molecular Genetics will be recommended by the Dean of the College of Biological Sciences to the Provost and President and approved by the Board of Trustees.

Should the need for this position 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 biological education and research. Any redirection of this endowment prior to ten years from the date established shall require the prior approval of the Ohio Board of Regents.

Ohio Eminent Scholar in Scientific Computation

The Ohio Eminent Scholar in Scientific Computation was established April 5, 1985, by the Board of Trustees of The Ohio State University, with \$500,000 awarded by the General Assembly of Ohio and a matching \$500,000 from Unrestricted Gifts to the University.

The funds 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 salary and program support for the work of an outstanding scholar-leader in mathematics. Appointment as the Ohio Eminent Scholar in Scientific Computation will be recommended by the Dean of the College of Mathematical and Physical Sciences to the Provost and President and approved by the Board of Trustees.

Should the need for this position 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 and research in mathematics. Any redirection of this endowment prior to ten years from the date established shall require the prior approval of the Ohio Board of Regents.

April 5, 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)

International Water Management Fund

The International Water Management Fund was established April 5, 1985, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Ronald C. Martin, who received his B.S.I.E. in June 1955, in honor of Dr. Glenn O. Schwab, Professor of Agricultural Engineering at The Ohio State University from August 1, 1956 to 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 from this fund shall be used to support programs of international stature dealing with water management in soils, including surface and subsurface drainage and irrigation technology. Programs supported by this fund may include instructional support, graduate student(s), research project support and public education. The use of these funds shall be determined by an appropriate faculty/industry advisory committee appointed by the Chair of the Department of Agricultural Engineering in concurrence with the Dean of the College of Agriculture.

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

Bert C. Wiley, M.D., Professorship in
Physical Medicine and Rehabilitation Fund

The Bert C. Wiley, M.D., Professorship in Physical Medicine and Rehabilitation Fund was established April 5, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from an anonymous donor in honor of Bert C. Wiley, M.D., a graduate of The Ohio State University College of Medicine, Class of 1943.

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 added to the principal until the minimum level necessary to establish an endowed professorship has been reached. Subsequently, the annual income is to be used to provide support for the work of a distinguished scholar and teacher in the Department of Physical Medicine and Rehabilitation within the College of Medicine. The recipient will be recommended by a search committee with final approval from the Dean of the College of Medicine.

April 5, 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)

Bert C. Wiley, M.D., Professorship in
Physical Medicine and Rehabilitation 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 medical education.

Norman Rothermich Chair in Arthritis Research Fund

The Norman Rothermich Chair in Arthritis Research Fund was established April 5, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends of Dr. Norman Rothermich 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 added to the principal until the minimum level necessary to establish an endowed chair has been reached. Subsequently, the annual income is to be used to provide salary and program support for the work of a distinguished physician and/or scientist engaged in research in arthritis and rheumatology. Appointment to the Rothermich Chair will be made at the recommendation of the Dean of the College of Medicine to the President and appointed by the Board of Trustees of The Ohio State University. If it is determined the funding for the Rothermich Chair is no longer needed, then the income from this fund may be used for those purposes as deemed appropriate 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 who is then directly responsible for medical education.

Robert and Anne Hoyt Fund

The Robert and Anne Hoyt Fund was established April 5, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Office of University Development from Robert B. Hoyt, B.S.Bus.Adm. '48, and Anne Hoyt.

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.

April 5, 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)

Robert and Anne Hoyt Fund (contd)

The annual income is to be used for the Dean's Fund in the College of Administrative Science.

Should the need for these funds 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.

Francis L. Landacre Scholarship Fund

The Francis L. Landacre Scholarship Fund was established April 5, 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 Anita L. Price, B.A. '24, in memory of Francis L. Landacre who was a faculty member in the College of Medicine from 1895 to 1933.

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 Medicine who maintain a high academic standing and whose major emphasis is in anatomical research. Selection of the award recipients will be made by the University Committee on Student Financial Aids based upon recommendations received from the Dean of the College of Medicine and the Chairperson in the Department of Anatomy.

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.

Mary Lapitsky Graduate Fellowship

The Mary Lapitsky Graduate Fellowship was established April 5, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Dr. Mary Lapitsky, Department of Textiles and Clothing, 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.

April 5, 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)

Mary Lapitsky Graduate Fellowship (contd)

The annual income is to be used to support a graduate fellowship for the Department of Textiles and Clothing in the College of Home Economics. The fellowship recipient must be a Ph.D. candidate or a Master's degree student and be enrolled in the Textiles and Clothing Department at the time the fellowship is awarded. Prior to the presentation of the stipend, the recipient must have a research proposal approved by the student's research committee. The recipient shall be chosen by the Department of Textiles and Clothing Graduate 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 recommendations from the Chair of the Department of Textiles and Clothing and the Dean of the College of Home Economics.

The Jean R. Geisman Memorial Fund

The Jean R. Geisman Memorial Fund was established April 5, 1985, by the Board of Trustees of The Ohio State University with gifts to the Office of University Development from the University Fruit and Vegetable Society, family, friends, students, and alumni of The Ohio State University Department of Horticulture.

All funds 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 the occasion dictates.

The annual income is to be used for undergraduate scholarships in the Colleges of Agriculture and Home Economics, to recognize one or more students each year who demonstrate the qualities of outstanding leadership, scholarship, and service as exemplified by Professor Jean R. Geisman, with preference given to those students with a demonstrated interest in the area of Fruit and Vegetable Production and/or utilization.

The recipients of this award shall be selected by the Assistant Dean for the College of Agriculture responsible for student financial aid in consultation with the Chairperson of the Horticulture Department and the University Office of 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 horticultural instruction.

April 5, 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)

Mary Petrie Baumgardner Scholarship Fund

The Mary Petrie Baumgardner Scholarship Fund was established April 5, 1985, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from F. Leo Baumgardner, B.S.Bus.Adm. '24, in memory of his mother, Mary Petrie Baumgardner.

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 scholarship awards to students who are financially in need of such support and who are sons and daughters of a parent who has the sole responsibility for raising that child due to the death or physical disability of the other parent. 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.

Roy O. Becker Agronomy Scholarship Fund

The Roy O. Becker Agronomy Scholarship Fund was established April 5, 1985, by the Board of Trustees of The Ohio State University with gifts from the family and friends of Roy O. Becker, B.S.Agr. '46, M.S. '53, Secretary Manager of the Ohio Seed Improvement Association from 1958 to 1984.

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 the occasion dictates.

For the first 15 years from the date that this fund is established, the annual income shall be used to provide scholarships for graduate or undergraduate students in the Department of Agronomy. The selection criteria and procedure shall be determined by the Department Chair and his or her designee. Insofar as possible, the scholarship shall be presented to students with strong interest in the area of small grains. At the end of 15 years, the disposition of this fund, including the principal and accrued interest, if any, shall be left to the Chair of the Department of Agronomy.

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

April 5, 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)

Law Class of '69 Endowed Fund

The Law Class of '69 Endowed Fund was established April 5, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from members of the Law Class of 1969.

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 for current needs.

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 College of Law.

Vern R. & Ruth H. Cahill Faculty
Professional Development Fund

The Vern R. & Ruth H. Cahill Faculty Professional Development Fund was established April 5, 1985, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Vern R. Cahill, B.S.Agr. '41, M.S. '42, Ph.D. '55, Professor of Animal Science at The Ohio State University from 1946 to the present, and Ruth H. Cahill, B.S. '43.

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 professional development of Meat Science faculty. The administrator(s) of the academic unit(s) in which Meat Science faculty are employed and the Meat Science faculty, shall establish a criteria and procedure for distributing these funds. Should the need for such funds in the area of Meat Science diminish, these funds may be used for faculty development in any area pertaining to Animal Science.

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

April 5, 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)

Lucretia G. and John P. Courtright Endowed
Faculty Development Fund

The Lucretia G. and John P. Courtright Endowed Faculty Development Fund was established April 5, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from John P. Courtright, Sr., B.S.Agr. '18, 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.

The annual income is to be used for faculty development at the OSU Marion Campus to include those purposes which will aid in scholarly enrichment, research and upgrading of teaching skills as approved by an appropriate Marion Campus faculty committee with the concurrence of the campus dean. Unused income in any given year shall be reinvested in the faculty development fund.

Should the need for this fund cease to exist, then the income 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 faculty development.

Harry W. Ebert Scholarship
in Welding Engineering

The Harry W. Ebert Scholarship in Welding Engineering was established April 5, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Harry W. Ebert, B.W.E. '48, his family, friends and associates.

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 reinvested in the Fund's principal until August 31, 1988. Beginning September 1, 1988, the annual income shall be awarded to one or two College of Engineering students, majoring in Welding Engineering. Each scholarship recipient shall have proven academic ability and demonstrated financial need. Preference will be given to (1) immigrants and children of immigrants, (2) veterans of the U.S. Armed Forces with a minimum of two years of honorable service, and (3) members or graduates of an advanced R.O.T.C. program. If there are no qualified applicants, the income will be awarded to deserving Welding Engineering students. Recipients will be named annually, but may be eligible to compete for renewed awards. Selection of each recipient will be done by the Chairperson of the Department of Welding Engineering in cooperation with the University Committee on Student Financial Aids.

April 5, 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 W. Ebert Scholarship
in Welding Engineering (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 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 engineering education.

Mansfield Campus Real Estate Education Fund

The Mansfield Campus Real Estate Education Fund was established April 5, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Community Housing Resource Board, Inc., of Mansfield, 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 cover recruiting activities and related communications and provide tuition grants to students enrolled in real estate education programs offered by The Ohio State University at Mansfield. It is the preference of the donor that priority consideration be given to students with need who represent minority segments of the population who are preparing for the real estate sales license certification. Grant recipients will be selected and recruiting expenditures will be approved by the Mansfield Campus Dean and Director upon recommendation of a Fund Advisory Committee appointed by the Dean and Director. Committee members will represent the real estate industry and other organizations or agencies interested in fair housing, and may include citizens at large who endorse the Fund purpose.

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 of the Provost in consultation with the administration of the OSU Mansfield Campus.

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EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
CHILD CARE CENTER

Resolution No. 85-105

Synopsis: Authorization to employ an architectural/engineering firm and request construction bids is proposed.

April 5, 1985 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
CHILD CARE CENTER (contd)**

WHEREAS the University currently leases space off campus at 1895 Summit Street for the employee Child Care Program, and this space is inadequate to meet the program's present and anticipated needs; and

WHEREAS it is recommended that the University construct a new building (with access roads, a playground, and a parking area) to house the Child Care Program on the campus, to be located near Buckeye Village with access from Ackerman Road; and

WHEREAS \$2,000,000.00 will be made available from University funds for this project:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance 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 Finance 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
BOTANY & ZOOLOGY BUILDING LABORATORY REMODELING**

Resolution No. 85-106

Synopsis: Authorization to employ an architectural/engineering firm and request construction bids is proposed.

WHEREAS due to the planned renovation of Lazenby Hall where the current zoology laboratories are located it is necessary to modify approximately 5,500 square feet in the Botany and Zoology Building to accommodate these laboratories; and

WHEREAS \$400,000.00 will be made available for this project from the University's 1983-85 capital appropriation for utilities and renovation projects:

April 5, 1985 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
BOTANY & ZOOLOGY BUILDING LABORATORY REMODELING (contd)**

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance 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 Finance 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
NEWTON HALL REMODELING**

Resolution No. 85-107

Synopsis: Authorization to employ an architectural/engineering firm and request construction bids is proposed.

WHEREAS this project will provide for the renovation and remodeling of several rooms in the basement of Newton Hall necessary to meet the program needs of the College of Nursing; and

WHEREAS \$150,000.00 will be made available for this project from the University's 1983-85 capital appropriation for utilities and renovation projects:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance 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 Finance be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids

April 5, 1985 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
NEWTON HALL REMODELING (contd)

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. Berry, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PLANS AND SPECIFICATIONS

Resolution No. 85-108

Synopsis: Approval of plans and specifications for the following projects is proposed.

WHEREAS at the request of the Vice President for Business and Finance, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials and estimates of cost for the following projects:

UNIVERSITY HALL ROOF REPLACEMENT

Project: Replacement of deteriorated built-up roof with a new tapered, single-ply E.P.D.M. adhered roof system which has a Class "A" U/L rating.

Funding: University Funds B/A 210134 (Contract Repair)

Estimated Project Cost: \$132,000.00

OHIO UNION ROOF REPLACEMENT

Project: Repair of deteriorated coal tar pitch roof at the Ohio Union, including all flashings and the resetting of roof drains.

Funding: University Funds B/A 210134 (Contract Repair)

Estimated Project Cost: \$127,066.00

EVANS LABORATORY ROOF REPLACEMENT

Project: Removal of approximately 3,600 square feet of built-up roof felts and gravel on the second floor west side of Evans Laboratory and replacement with a new four-ply coal tar pitch roof and gravel.

April 5, 1985 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

EVANS LABORATORY ROOF REPLACEMENT (contd)

Funding: University Funds B/A 210134 (Contract Repair)

Estimated Project Cost: \$30,000.00

NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimates of cost for the projects listed above be approved and that the President and/or Vice President for Business and Finance be authorized to sign the plans and specifications for these projects and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That these actions be reported to the Board at a later meeting.

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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REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS

Resolution No. 85-109

Synopsis: Contracts have been awarded for the project 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 project:

AGRICULTURAL ENGINEERING BUILDING

Description: This project involves the construction of a building to provide educational space and support facilities to accommodate students, faculty, and departmental staff, including offices, classrooms, and teaching and research laboratories. The project also will permit further expansion of the facility without destroying or substantially altering the existing space. Work is expected to begin in June 1985, and be completed in June 1987.

April 5, 1985 meeting, Board of Trustees

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

AGRICULTURAL ENGINEERING BUILDING (contd)

General Contract

Date Received:	February 27, 1985
No. of Bids:	11
Low Bid:	\$ 4,584,700.00*
High Bid:	\$ 5,438,824.00*
Estimate of Cost:	\$ 5,432,720.00*
Awarded to:	Peterson Construction, Wapakoneta, Ohio

Plumbing Contract

Date Received:	February 27, 1985
No. of Bids:	8
Low Bid:	\$ 387,242.00*
High Bid:	\$ 571,100.00*
Estimate of Cost:	\$ 500,735.00*
Awarded to:	R. H. Reeb Co., Columbus, Ohio

HVAC Contract

Date Received:	February 27, 1985
No. of Bids:	10
Low Bid:	\$ 1,517,800.00*+
High Bid:	\$ 1,821,000.00*
Estimate of Cost:	\$ 1,127,000.00*
Awarded to:	Duckworth Mechanical, Canal Winchester, 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.

April 5, 1985 meeting, Board of Trustees

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

AGRICULTURAL ENGINEERING BUILDING (contd)

Fire Protection Contract

Date Received:	February 27, 1985
No. of Bids:	7
Low Bid:	\$ 104,934.00*
High Bid:	\$ 132,602.00*
Estimate of Cost:	\$ 143,145.00*
Awarded to:	Central Fire Protection Co., Springfield, Ohio

Electrical Contract

Date Received:	February 27, 1985
No. of Bids:	7
Low Bid:	\$ 1,244,724.00*
High Bid:	\$ 1,384,403.00*
Estimate of Cost:	\$ 1,332,600.00*
Awarded to:	Buckeye Electric, Dayton, Ohio

Total All Contracts:	\$ 7,839,400.00*
Total Contingency Allowance:	\$ 529,707.56 (which is 6.7 per cent of construction costs)
Total Project Cost:	\$11,560,000.00*
Funding:	HB 552 and HB 798

*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. Immke, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution with eight affirmative votes cast by Messrs. Hilliker, Havens, Galbreath, Redman, Immke, Berry, and Barone and Mrs. Bowser, and an abstention by Mr. Teaford.

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April 5, 1985 meeting, Board of Trustees

**LEASE OF LAND
10.0 ACRES LOCATED AT THE UNIVERSITY AIRPORT
Resolution No. 85-110**

Synopsis: Authorization to grant a lease to the Ohio Teleport Corporation for the installation of an earth station satellite is requested.

WHEREAS the Ohio Teleport Corporation has requested a lease of approximately 10.0 acres of land, currently used by the University's Farm Operations for crop production, located northeast of the University Airport; and

WHEREAS the purpose of the proposed lease is for the installation of satellite dishes required for satellite uplinking/downlinking; and

WHEREAS the lease shall be for a term of twenty years; and

WHEREAS the appropriate University offices have recommended that this lease 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 lease.

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

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**SETTLEMENT OF LITIGATION
INVOLVING THE FRED N. VAN BUREN FARM
Resolution No. 85-111**

Synopsis: Authorization to enter into an agreement to settle litigation involving the Fred N. Van Buren Farm is requested.

WHEREAS the Board of Trustees on September 7, 1984, ratified and confirmed the President's acceptance, for and on behalf of this Board, of a farm of approximately 315 acres located in Fairfield County, as a gift to The Ohio State University by the late Fred N. Van Buren, through his Last Will and Testament; and

WHEREAS the Executor of the Estate of Fred N. Van Buren commenced an action in the Probate Court of Fairfield County (Case No. 46313) challenging the University's right to acquire this property, which is subject to numerous conditions on its use, on the grounds that the University's acceptance was not in accordance with the conditions specified in Mr. Van Buren's Will; and

April 5, 1985 meeting, Board of Trustees

SETTLEMENT OF LITIGATION
INVOLVING THE FRED N. VAN BUREN FARM (contd)

WHEREAS the University has been negotiating with the Executor of the Estate and the residuary devisees under the Will to settle this litigation to the mutual benefit of all parties involved, which settlement would be in the best interest of the University:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized, on behalf of this Board, to enter into a settlement agreement, subject to the approval of the Probate Court of Fairfield County, with the Executor and residuary devisees to settle this litigation on such terms and conditions as are deemed to be in the best interest of the University and to accept, on behalf of this Board, any portion of the Estate of Fred N. Van Buren coming to the University as a result of this settlement, as a gift to The Ohio State University through The Ohio State University Development Fund.

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

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STUDENT HEALTH INSURANCE

Resolution No. 85-112

Synopsis: Improvement and awarding of the Student Health Insurance Program to Blue Cross of Central Ohio and Community Mutual Insurance Corporation is proposed.

WHEREAS coverage under the existing Mutual of Omaha contract for Student Health Insurance is expiring and competitive bids were solicited and received on January 16, 1985, to renew said coverage; and

WHEREAS the bids invited alternative coverages with the University reserving the right to select the coverages which, in its judgment, provided the most benefit commensurate with the premium quoted; and

WHEREAS Blue Cross of Central Ohio and Community Mutual Insurance Corporation submitted the lowest and best proposal of the seven received providing Student Health Insurance for a two year period; and

WHEREAS after consideration of the desires and concerns of the students purchasing the insurance, the Student Health Insurance Subcommittee has recommended--and the full Council on Student Affairs has ratified this recommendation--that the bid contract provide improved benefits as follows:

Increase the daily semi-private hospital room and board rate from \$145 to \$195.

April 5, 1985 meeting, Board of Trustees

STUDENT HEALTH INSURANCE (contd)

Increase the surgical fee for removal of impacted teeth
covered by bone - from \$50 to \$60
soft tissue - from \$30 to \$50

Add a benefit of \$20 for x-rays, only when surgery is performed for removal of impacted teeth.

Add a preventive dental benefit (for students only) which will provide a \$15 benefit for cleaning teeth and an additional \$20 benefit for x-rays if needed. This benefit will be reimbursed once per twelve month period for services provided at the Wilce Health Center or the University Dental Clinic.

Increase the annual medical consultants fee (for students only) from \$35 to \$50.

WHEREAS this program will be available on an optional basis to all registered students for the following proposed Quarterly Premium Rates:

<u>Classification</u>	<u>Expiring Quarterly Premium Rates</u>	<u>Proposed Quarterly Premium Rates</u>
Student	\$ 50.00	\$ 51.00
Student and spouse	153.00	151.00
Student, spouse and all children	222.00	218.00
Student and all children	119.00	117.00

NOW THEREFORE

BE IT RESOLVED, That Blue Cross of Central Ohio and Community Mutual Insurance Corporation be awarded the Student Health Insurance contract effective the first day of classes, Autumn Quarter 1985, for a period of two years. The contract will provide the benefits outlined above as well as those now available under the terms of the current contract.

BE IT FURTHER RESOLVED, That the coverages, premium and performance of the carrier be reviewed annually with the contract remaining in force until such time as it is deemed appropriate to seek new proposals.

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

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ENDORSEMENT
THE OHIO STATE UNIVERSITY CAMPAIGN

Resolution No. 85-113

Synopsis: Endorsement by the Board of Trustees of undertaking a major campaign to raise private gifts for The Ohio State University.

April 5, 1985 meeting, Board of Trustees

ENDORSEMENT
THE OHIO STATE UNIVERSITY CAMPAIGN (contd)

WHEREAS The Board of Trustees of The Ohio State University is committed to preserving and enhancing the pursuit of excellence at this University; and

WHEREAS it has been determined that significant additional resources to support the pursuit of excellence could be brought to the University in the form of private gifts from others who share the vision of this University's future that is held by the members of this Board of Trustees; and

WHEREAS it has been proposed that a national fund-raising campaign be undertaken for the purpose of securing such additional resources through enhanced levels of private gifts by alumni and other friends, faculty and staff members, parents, corporations and foundations:

NOW THEREFORE

BE IT RESOLVED, That this Board of Trustees supports the pursuit of excellence for the University through attracting additional levels of private gifts; and

BE IT FURTHER RESOLVED, That the members of this Board will devote themselves personally to the successful attainment of this campaign's goals.

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

Mr. Hilliker:

President Jennings has a statement that will emphasize the meaning of what this campaign actually involves.

President Jennings made the following statement:

Thank you, Mr. Chairman.

I think it is especially appropriate that this particular Resolution has been passed by the Trustees during a Board meeting away from our central campus in Columbus. The Resolution endorses an activity of enormous significance in the life of the University, and for the long-term future of the institution as a whole. It is therefore also of major significance to our faculty, staff, and students here in Wooster, and to all Ohioans throughout the state as well.

Ohio State has a special role as Ohio's land-grant university, and we take great pride in our reputation as the flagship institution of the state's educational community. I am glad to have this opportunity to remind us all that the expansion and enhancement of the excellence of the University has an importance that reaches far beyond the boundaries of our central campus.

The interests and impact of The Ohio State University are truly national and international in scope and, correspondingly, so is the private fund-raising campaign endorsed in this Resolution.

April 5, 1985 meeting, Board of Trustees

**ENDORSEMENT
THE OHIO STATE UNIVERSITY CAMPAIGN (contd)**

President Jennings: (contd)

We have been studying the feasibility of a major campaign for some time now. The responses to our discussions have confirmed that there is broad-based support for such an effort on behalf of Ohio State. We are confident of our potential for securing major leadership gifts and important commitments of time and expertise from many individuals who will help lead this endeavor. Based on the success of these initial efforts, we will set our final goal by the fall.

With this Resolution of support from the Board--which, I want to mention here, comprises the primary volunteer leadership of the institution--I am today prepared to announce that at the start of the coming Autumn Quarter, we will launch one of the largest campaigns of its type in the history of public higher education. To be more specific, over the next five years, from the fall of 1985 to June of 1990, The Ohio State University will seek, at minimum, \$225 million in new gifts and annual support.

In the context of a fund-raising campaign, we talk about setting dollar goals, and it is important and entirely appropriate to do so. But we should put that in perspective. The dollar figure represents only the means by which we will achieve the real goal of the campaign--the acquisition of significant additional resources that will enable this University to fulfill its potential as one of the premier institutions of higher education in the world.

Through the private dollars we raise in this campaign, we will be able to enhance the excellence of all of our colleges and other major programs that support the academic mission of the University. What we seek to attract is the additional level of private support that will allow us to strengthen our margin of excellence throughout the institution. This includes the traditional areas of the liberal arts and our impressive complement of professional schools.

The campaign will support a significant expansion of our endowment for faculty chairs, student financial aid, and research programs in every conceivable area of academic endeavor. It will include funds to provide state-of-the-art equipment and enhance research efforts in the new Cancer Research Institute. It will incorporate funding for the recently announced multi-purpose, indoor student athletic facility. And it will include, as its largest single component, The Ohio State University Center for the Visual Arts.

As you know, the Center already has won international acclaim for the excellence and creativity of its architectural design, and the unique and innovative aspects of its program. Its reputation will build on this early success once the Center begins to actively involve our students, faculty and staff, and the visitors we expect to attract not only from the community, but from across the nation and around the world.

April 5, 1985 meeting, Board of Trustees

ENDORSEMENT
THE OHIO STATE UNIVERSITY CAMPAIGN (contd)

President Jennings: (contd)

We anticipate the advertisement for bids to take place and construction of the facility itself to get underway during Autumn Quarter. Our goal is to have the new Center ready for use by the 1987-88 academic year. Several related campus projects that must precede the construction of the Center already are in progress.

The world-class Center for the Visual Arts we envision for Ohio State is the centerpiece not only of our fund-raising campaign, but also of our comprehensive commitment to the pursuit of excellence for the institution as a whole. No university has ever achieved greatness without an abiding commitment to nurturing those essential components of an intellectual environment that are contributed by the fine arts.

Encompassed in the fund-raising goal for the Center is, of course, the new building itself, which creates a new and dramatic framework for the entrance way to the Oval. At the \$21 million level, we will create essentially the basic structure. The entire architectural scheme will be constructed, but a few interior areas will still be in shell form. How far we go beyond the basic \$21 million level will depend upon our early success in attracting private support for the Center.

An additional \$5 million will allow us to complete those shells with the high technology and sophisticated equipment that is just as essential to today's artists as it is to modern scientists. At the \$26 million level we will, for example, be able to equip an innovative and flexible performance theater with specialized acoustical and lighting systems and the hydraulic engineering to rearrange the seating on demand. These additions will make the performance space truly state-of-the-art.

Another \$5 million will fund an endowment for program activities. The planned Institute for Advanced Activities in the Arts will be the vehicle through which we bring in the distinguished visiting artists, designers, architects, choreographers, and other visual artists who will ensure the on-going energy and continuing new visions for the Center.

People learn from people, and our attention to the building aspect--however impressive that may be--has not overshadowed our fundamental commitment to the purpose of the facility, as a home for the very best faculty, staff, and students. Both as an architectural achievement and a program innovator, the Center represents an impressive focal point for our goals in the forthcoming campaign.

When this Board approved the creation of The Ohio State University Foundation last December, that action signalled the first major step in generating national leadership for this campaign. We are making significant progress in recruiting the twenty-one charter members of

April 5, 1985 meeting, Board of Trustees

ENDORSEMENT
THE OHIO STATE UNIVERSITY CAMPAIGN (contd)

President Jennings: (contd)

the Foundation Board of Directors. We hope we will be prepared to announced those names and hold the first board meeting later this Spring Quarter.

At the same time, we are assembling an additional core of volunteer leaders to serve as the National Campaign Committee. We expect to announce the composition of that group of more than 100 individuals from across the nation this summer.

Together, the Foundation Board and National Campaign Committee will assist us in determining the final shape of the campaign, setting its goals, and attracting major gifts from alumni and other friends, from our own faculty and staff, the parents of our students, and corporations and foundations with a shared commitment to the mission and goals of the University.

As a necessary predecessor to a major campaign, we also have been working for some time to increase the basic private fund-raising capabilities of this University. And we are succeeding. We already have reported to this Board, for example, that the amount raised in just the first half of the current fiscal year equalled the total for an entire year just four years ago.

We believe that this major campaign is the logical next step. Building on the fundamental and comprehensive strengths that have brought the institution to its current leadership position as one of the outstanding universities in the nation, we will move ahead to enhance the pursuit of excellence at The Ohio State University for many years to come and, I believe, take our place as one of the pre-eminent scholarly institutions in the world with the help of our private donors.

Thank you, Mr. Chairman.

Mr. Hilliker:

The results of this campaign truly will make it one of the more important endeavors this University has ever done and I don't think we will see those results for a few years, but when they happen the importance of this campaign will really be appreciated.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 85-114

RESOLVED, That the report on the University's Investment Portfolio, dated March 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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April 5, 1985 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, May 3, 1985, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

D. James Hilliker
Chairman

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

Columbus, Ohio, May 3, 1985

The Board of Trustees met at its regular monthly meeting on Friday, May 3, 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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May 3, 1985 meeting, Board of Trustees

The Chairman, Mr. Hilliker, called the meeting of the Board of Trustees to order at 12:35 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: D. James Hilliker, Chairman, John F. Havens, Edmund C. Redman, Leonard J. Immke, Shirley D. Bowser, Hamilton J. Teaford, and John J. Barone.

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Mr. Hilliker reconvened the meeting at 1:35 p.m.

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

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Mr. Hilliker called on James Ervin, President of Local 4501 Communications Workers of America, to make a statement to the Board.

Mr. Ervin made the following statement:

Mr. Chairman, President Jennings, Board members, my name is Jim Ervin. I am not an outside agitator. I have been employed by and involved with OSU since 1946, and I think of myself as part of the OSU family. My children went to school here, my wife and brother still work here, and I am a former dietary employee of the Commons.

As President of the local union that represents OSU workers, I have dedicated myself to trying to improve the working conditions of OSU employees and to helping make OSU the best possible university it can be. That is why it hurts me to watch our relationship with the University go from good, to bad, to worse. That is why it hurts me every time I have to go public and let everyone in Columbus know about our problems. I believe it is ripping the University apart--to have the workers and the administration at each others throats.

Now some of you may ask how this happened. How have things gotten so bad that we find it necessary to get arrested? How have we ended up on the edge of a major strike here at OSU? And some of you, especially those who have a business background, may say to yourselves, "It is that damn greedy union--unreasonable union, that's caused all of our problems." But we have been trying--I have been personally trying to get in touch with you for weeks, to get your attention and convince you how deadly serious our problems are.

Over the last year we have seen a new style of management at OSU. A style of management that is ruining seventeen years of peaceful relations. This local union currently has six unfair labor practices against the University being investigated by SERB. We have employees who have been threatened with disciplinary action for participating in demonstrations and at times we have had many,

May 3, 1985 meeting, Board of Trustees

Mr. Ervin: (contd)

many grievances backed up. We have supervisors that have lost grievances, supervisors who just plainly refuse to accept grievances. There are log jams to audit, there is a massive increase in disciplinary action against workers. Workers are still forced to handle asbestos without proper protection.

Now we don't know where the crisis in management comes from, but it seems that every day you pick up the paper there is a new scandal at the University. Now, in this climate of deteriorating labor relations, we go into collective bargaining. A bargaining that is marked by constant management stalling and delays, among cancelled meetings. Management has even refused to give us budget and wage information that they are mandated by law to give to us. How can we bargain a contract if we don't have some of the tools to work with?

Now in bargaining we are not trying to make big advancements or try new things--we are just trying to hold on to what we have. I don't personally know where Vice President Madison Scott got his figures that we have asked for a 19.5 per cent wage increase, but from where I sit, it is totally untrue. But, how can we reach any kind of agreement when management doesn't even know what our demands are? How are we suppose to respond in light of these kinds of facts? Should we just roll over and play dead simply because management doesn't want to honor contract language that we have had for years?

It seems to me that everyone should ask themselves why management seems willing to have a strike to get rid of language we all have lived with for years. Is it really worth what is happening to us? But what bothers me most--I feel that we have gone back to '67. Now those of you who remember '67, that strike was over just a few words. If I recall correctly those words were, "that this University should take dues from people who want to be a part of a union and transmit those dues to that union of their choice." The University said no--so we wound up on High Street, in the middle of High Street with the students, on strike. Now, here, years later it seems as if we are headed for the same type of fight over just a few words. And those words are in Article 14--Promotion. Maybe this isn't the worst thing that could happen to us, because I'm proud to be arm in arm with these students. And I am proud that together we are trying to knock on every door and get your attention.

Together today, we come to you with two problems. One is a contract and the other is asking you to come out of South Africa, a union-busting country. Mr. President and Board members, I really hate to say what I think I have to say at this time. I believe when you mention that, that's the real meat of the question. I talk about management style deteriorating relations and so on, but maybe this whole South African issue sums up the problem. It seems that OSU

May 3, 1985 meeting, Board of Trustees

Mr. Ervin: (cont'd)

not only supports what is going on in South Africa, but seems intent on transferring that same anti-union paternalistic system to Columbus.

Here on campus supervisors are going around telling people that if they strike, they will be fired. We don't really want to strike. We want fair treatment. But we will strike. In South Africa 13,000 union gold miners were just fired. Now, I have had police follow me around campus and threaten to arrest our organizers for talking to workers on campus. We have had union members assigned to the dirtiest, most dangerous jobs--like asbestos removal--without the proper equipment. And the University's proposal on promotions would essentially lock our lower-paid members into those jobs and most of those members are black and women. We feel that you are treating the union the same here as in South Africa--the same reasons, because of the contracting out. That is totally cheap labor and you don't get your job done any better. I believe you want cheap, powerless labor.

Let me end by just saying this--it isn't about \$.25. We aren't fussing about \$.25 or \$.30 or 4.5 per cent or paid holidays. We feel it is a fight for the heart and soul, whether you believe it or not, of this University. Will this University fulfill a mission of honor to defend justice or will it side with the most reactionary backward of ideas as symbolized by South Africa? I just have a couple more words and I will go so far as to say--I am really begging you and urging you to intervene and help our local union get an honorable contract, one that we can honor; and divest from South Africa. Thank you very much.

Mr. Hilliker:

If I may make a few comments. Mr. Ervin, we appreciate your comments and we, as a Board, and this administration are aware that there are problems that need to be resolved. However, this is not and should not be a negotiating session today, I am sure that you appreciate that.

Mr. Ervin:

May I make one other remark, Sir?

Mr. Hilliker:

Well, let me finish and then--yes, you may. It is our understanding that negotiations are continuing. There are issues to be resolved--we are aware of them, you are aware of them--there are disputes, there are disagreements. A federal mediator is involved and as far as we know he is the best that could be obtained in this. The issues will be resolved and we are confident that they will be resolved in a just, fair way for everybody. There are two sides to every coin and

May 3, 1985 meeting, Board of Trustees

Mr. Hilliker: (contd)

I think we are looking at one of those type of situations today. But the issues will be resolved, they have been in the past, they will be in the future, and this one is going to be resolved.

Mr. Ervin:

Well, when?

Mr. Hilliker:

That depends--the question as to when--the negotiations are continuing, when the parties can get together. The federal mediator, I believe, is now participating in it.

Person from the audience:

How long?

Mr. Hilliker:

I can't answer that question.

Person from the audience:

I know, you're just on the Board.

Student:

When are you going to divest in South Africa, that is what we want to know?

Mr. Hilliker:

I must remind you all, that this is a regularly scheduled Board meeting and we do have an agenda to follow and we intend to do so. If it becomes apparent that we cannot, we will adjourn the meeting. So basically what I am saying is, the discussions will be up to you as to how far they will continue.

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ELECTION OF OFFICERS
BOARD OF TRUSTEES

Resolution No. 85-115

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 3, 1985) and shall hold their office through the May, 1986 meeting:

May 3, 1985 meeting, Board of Trustees

ELECTION OF OFFICERS
BOARD OF TRUSTEES (contd)

NOW THEREFORE

BE IT RESOLVED, That the following slate of officers for 1985-86 be elected:

John F. Havens, Chairman

Daniel M. Galbreath, Vice Chairman

Madison H. Scott, Secretary

James L. Nichols, Treasurer

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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Due to the disruption which occurred at the May 3, 1985, regular meeting of the Board of Trustees, the Board Agenda, including the Resolution covering Degrees and Certificates, Spring Quarter Commencement; Resolutions in Memoriam, the Report of new Research Contracts, Grants, and Gifts; together with the Recommendations of the Educational/Fiscal Affairs Committees were adopted in one combined Resolution. Upon motion by Mr. Teaford, to consolidate the Board Agenda, seconded by Mr. Immke, all Trustees present-- Chairman Hilliker, Mr. Havens, Mr. Redman, Mr. Immke, Mrs. Bowser, Mr. Teaford, and Mr. Barone--voted unanimously to adopt the Agenda as set forth in the Agenda Book.

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NEW DEGREE PROGRAM - PH.D. IN NURSING

Resolution No. 85-116

Synopsis: Recommendation for a Ph.D. program in the College of Nursing is proposed.

WHEREAS nursing has become a viable area of research at the Ph.D. level. It fills the gap between medical sciences and the behavioral sciences; and

WHEREAS throughout the nation there are currently 28 doctoral programs in nursing, with many more being planned. Case Western Reserve offers the only program in Ohio. The other academic institutions having nursing curricula in Ohio want Ohio State to have a program and strongly support the proposed program; and

WHEREAS the College currently has a strong M.S. program, graduating typically 55 to 60 people per year. During the past five years, approximately 130 of the M.S. students wrote theses; and

May 3, 1985 meeting, Board of Trustees

NEW DEGREE PROGRAM - PH.D. IN NURSING (contd)

WHEREAS a recent rating of 353 four-year, undergraduate degree programs in nursing throughout the country ranks the Ohio State program among the top 25. Ohio State is one of three among the top 25 (the others being Yale and UCLA) which do not offer a doctoral degree. The Ph.D. program should improve further the overall quality of nursing education at Ohio State; and

WHEREAS there are currently a large number of qualified individuals who desire to enroll in a Ph.D. curriculum at The Ohio State University. The College plans to admit six new students each of the first three years of the program and stabilize at nine new students per year thereafter:

NOW THEREFORE

BE IT RESOLVED, That the University Senate has approved the establishment of a Ph.D. program in Nursing, and respectfully requests concurrence by the Board of Trustees.

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INTERIM POLICY ON PATENTS AND COPYRIGHTS

Resolution No. 85-117

Synopsis: Creation of University policy, regarding ownership and transfer of, responsibility for and distribution of income from patents and copyrights, is proposed.

WHEREAS a primary mission of The Ohio State University is the support and development of research by its faculty, staff and students that will serve to expand the body of general knowledge; and

WHEREAS The Ohio State University accepts the responsibility to encourage the dissemination of the knowledge acquired by such research for the betterment of the public good; and

WHEREAS The Ohio State University Senate approved the proposed Interim Policy on April 13, 1985:

NOW THEREFORE

BE IT RESOLVED, That the proposed Interim Policy on Patents and Copyrights be approved and be implemented as stated therein.

I. PURPOSE AND SCOPE

A. Purpose of Policy

A primary mission of The Ohio State University is the support and development of research by its faculty, students, and staff that will serve to expand the body of general knowledge. As a corollary to that mission, the University accepts the responsibility to encourage the dissemination of the knowledge acquired by this research for the betterment of the public good. Occasionally,

May 3, 1985 meeting, Board of Trustees

INTERIM POLICY ON PATENTS AND COPYRIGHTS (contd)

products of this research will result in inventions or copyrightable materials that may best serve the public good through commercial development and distribution. To promote that development, the following Policy on patents, copyrights, and related material has been adopted to meet these fundamental objectives:

- (1) to facilitate the development and utilization of the results of research by the faculty, students, and staff of the University and to assist them and others associated with the University, in that development and utilization;
- (2) to obtain appropriate benefits for Researchers and for the University from commercial applications of research results and to apply funds accruing to the University from these applications to the support of research and other scholarly activity at the University; and
- (3) to ensure that the rights and interests of all parties concerned are determined with proper consideration of the principles of academic freedom, according to established, uniform, and appropriate procedures, and protected by equitable agreements.

B. Definitions

The following definitions will be employed in interpreting and implementing this Policy:

- (1) "Sponsored Program" means an activity in which the University or one of its units agrees to perform research or development or will receive payment for conducting research or development.
- (2) "University Research" means any research or development activity which
 - (a) is undertaken in connection with a Sponsored Program, or
 - (b) is directly and immediately related to duties or responsibilities for which a person is compensated by the University or one of its units, or
 - (c) is conducted with more than insignificant use of facilities or equipment provided by the University or one of its units.
- (3) "Researcher" means a person engaging in or directing University Research.
- (4) "Product of University Research" refers generally to inventions and other legally protectable material arising out of University Research and includes any discovery, invention, know-how, design, model, work of authorship (including computer software), and any

INTERIM POLICY ON PATENTS AND COPYRIGHTS (contd)

strain, variety or culture of an organism or any portion, modification, translation, or extension of these items. It includes marks used in connection with these. It does not include works of artistry, academic instruction, or traditional scholarship (including descriptions or discussions of University Research) insofar as these works were not produced in connection with a Sponsored Program or as part of a specific University duty or assignment.

C. Statement of Policy

The interests of the University are served by the protection of commercially valuable Products of University Research because of the University's commitment to the widest possible distribution of benefits derived from research conducted at the University, and its commitment that these items will be properly and systematically protected and developed for the public good.

In furtherance of these goals, and consistent with state law, the University has the Policy of claiming ownership in all rights in Products of University Research. The University will usually find it desirable to convey all or some portion of these rights to the sponsors of the research, to the Researchers, to commercial firms, or to others. Rights to items developed outside the scope of University Research as defined in section I B(2), above, shall belong to the inventor or creator, subject to claims of third parties; disputes concerning the interpretation of sections I B(2)(b) and (c) shall be appealable to the Faculty Committee on Patents and Copyrights for final determination. Applicable law and the terms of Sponsored Program agreements will govern where they differ from this Policy.

The acquisition, protection, and disposition of rights in Products of University Research are the responsibility of the Vice President for Research and Graduate Studies. In making dispositions the Vice President will be guided by the principle that they must be supportive of the basic missions of the University, which are to educate and to generate knowledge. In specific cases, consideration may also be given to other relevant circumstances, including support of graduate or other students, equipment made available to the University, and the educational experiences afforded to University faculty, students, and staff.

Potentially valuable Products of University Research shall be disclosed to the University in a timely manner. The University, at its option, shall develop and protect each item in which the University holds rights in a manner deemed by it to be appropriate at no cost to the inventor or creator. The inventor or creator will share in any royalty or other income as provided under this Policy.

D. Scope of Policy

This Policy is applicable to all units of the University including its colleges, schools, departments, centers, institutes, and hospitals, and to all of the University's faculty, staff, and students.

May 3, 1985 meeting, Board of Trustees

INTERIM POLICY ON PATENTS AND COPYRIGHTS (contd)

For purposes of distribution of royalty income, this Policy applies to all items first conceived or disclosed to the University after its approval date. It is the intent that, where feasible, all appropriate provisions of this Policy, including those governing the distribution of royalty income received after the approval date of the Policy, be applied to items earlier conceived or disclosed to the University; existing arrangements will be individually examined to achieve this goal.

It is not intended that this Policy change the traditional relationship between the University and authors of textbooks and other scholarly and artistic works. Therefore, except in those cases in which the production of such materials is a part of a Sponsored Program or of specifically assigned duties, copyrights in textbooks, monographs, papers, musical compositions, works of art, unpublished manuscripts, and the like will be the sole and exclusive property of the creator. Use of University resources in the creation of these works varies from field to field; arrangements for such use should be approved by the chairperson, dean, or other appropriate academic officer.

Students who are employees of the University are treated under this Policy as employees in connection with matters related to their employment. Students who hold awards such as scholarships or fellowships through the University upon which the funding body has placed restrictions as to items developed during the course of the award shall be treated under this Policy in the same manner as students working on Sponsored Programs. In cases arising under Section I B(2)(c), the University will ordinarily transfer or waive its rights to student inventors or creators except where faculty involvement or the use of University facilities or equipment is substantial (see Section II A(9)(c) and Section IV).

Service marks related to the name of the University and conventional publication activities, including those of The Ohio State University Press and those associated with the intercollegiate athletic program, are not within the scope of this Policy.

Except as to material for use in University Research, questions concerning the use of material protected by copyright and similar items belonging to others by members of the University community are not covered by this Policy.

Non-faculty employees who develop items which qualify as work for hire under the copyright laws or which result from specific direction to produce or develop the item are not eligible to participate in any distribution of income or transfer of University rights in connection with those items.

II. ADMINISTRATION

The Vice President for Research and Graduate Studies shall have the primary responsibility for the implementation of this Policy on behalf of the University. All or a portion of the administration of activities with respect to this Policy may be delegated by the Vice President to a Patent and Copyright Administrator ("Administrator") and to others.

May 3, 1985 meeting, Board of Trustees

INTERIM POLICY ON PATENTS AND COPYRIGHTS (contd)

A. The Administrator

The Administrator shall, under the general direction of the Vice President for Research and Graduate Studies:

- (1) with the Committee on Patents and Copyrights, develop standards and procedures for the implementation of this Policy for submission to the Vice President for Research and Graduate Studies;
- (2) conduct day-to-day operations relating to matters subject to this Policy;
- (3) upon request, provide advice and assistance to Researchers with respect to consulting agreements with industrial and other organizations that may involve rights to items within the scope of this Policy and to appropriate University officials who have responsibilities with respect to the approval of consulting arrangements;
- (4) maintain a file for each disclosure of an item subject to this Policy which will contain complete records of all actions;
- (5) determine whether the University or any other party has rights in an item subject to this Policy, if so, the basis and extent of such rights;
- (6) where there are two or more persons associated with the University claiming to be inventors or creators of an item subject to this Policy, encourage and facilitate an early agreement (in a form acceptable to the University) among them concerning which of the claimants shall be considered inventors or creators for the purposes of this Policy and in what fraction each shall share in the benefits of the Policy;
- (7) in the absence of an agreement referred to in item (6), above, recommend to the Vice President for Research and Graduate Studies for final determination on behalf of the University which of the competing claimants shall be considered inventors or creators for the purpose of this Policy and in what fraction they shall share in the benefits of the Policy (Before making a recommendation, the Administrator will obtain the concurrence of the Faculty Committee on Patents and Copyrights);
- (8) determine whether an invention, discovery, writing, or other item to which the University has rights is patentable, copyrightable, or otherwise legally protectable;
- (9) for items subject to this Policy, recommend to the Vice President for Research and Graduate Studies whether
 - (a) the University should patent, copyright, or otherwise legally protect, or license the item, or

INTERIM POLICY ON PATENTS AND COPYRIGHTS (contd)

(b) the University should dedicate its rights to the public, adhering to the wishes of the inventor or creator where feasible, or

(c) the University should transfer or waive its rights in favor of permitting the Researcher to protect and develop the item at his or her own expense, and whether conditions should be attached to a transfer or waiver, but any conditions other than the reservation of a non-transferable royalty-free license shall require the concurrence of the Researcher and the Faculty Committee on Patents and Copyrights;

(10) obtain legal protection and arrange for licensing or other commercial development in those cases in which the University elects to pursue its rights, including preparing and prosecuting applications for patent, copyright registration, plant variety protection, and other legal protection, or retaining counsel or other assistance for that purpose, negotiating or assisting in negotiation of licenses and related agreements, and monitoring the collection of royalties or other related income;

(11) prepare or assist in the preparation of all required reports on inventions and discoveries, writings, and other items subject to this Policy;

(12) at the direction of the Vice President for Research and Graduate Studies, provide assistance to other University officers and officers of related organizations including The Ohio State University Research Foundation;

(13) consult with the Faculty Committee on Patents and Copyrights at least twice per year, or whenever deemed necessary by the Committee or the Vice President for Research and Graduate Studies, on matters concerning this Policy, its implementation, or administration;

(14) prepare an annual report for the Vice President for Research and Graduate Studies and for the President, the Vice President for Academic Affairs and Provost, the Vice President for Business and Finance, and other officers or committees as designated by the Vice President for Research and Graduate Studies.

The Administrator shall make a recommendation with regard to responsibility (9), above, within forty-five (45) days of the receipt of all of the required information, and advise the Researchers in writing of the decision of the Vice President for Research and Graduate Studies. The Administrator may consult with faculty, staff, students, or others with respect to carrying out his responsibilities.

INTERIM POLICY ON PATENTS AND COPYRIGHTS (contd)

B. The Faculty Committee on Patents and Copyrights

The Faculty Committee on Patents and Copyrights ("Committee") shall be composed primarily of members of the University faculty and shall elect its chair. Five members shall be elected by the Faculty Council in a manner to be determined by that 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 officers of the University. Persons may serve no more than three consecutive years after which time they will be ineligible for service for one year. Committee members having business pending with the Administrator or the Committee in the form of an active patent application, a royalty agreement, or the like or having extramural active patent applications, royalty agreements, or the like shall not participate in the deliberations of the Committee concerning those matters. Official actions of the Committee shall require the concurrence of at least six members of the Committee.

The Committee shall:

- (1) review, recommend, and advise the University on matters relating to this Policy;
- (2) review and advise the Administrator on the standards and procedures developed by the Administrator for the implementation of this Policy;
- (3) convene at least twice per year to review the procedures used in implementing and administering this Policy, and where deemed necessary, develop and recommend changes in standards and procedures to the Vice President for Research and Graduate Studies, the Vice President for Academic Affairs and Provost, the Administrator, and other appropriate officers of the University;
- (4) consult with the Vice President for Research and Graduate Studies or the Administrator when requested; and
- (5) serve as a board to which a Researcher may appeal actions of the Administrator, subject to appropriate review standards and procedures.

C. Appeal of Actions by the Administrator

A Researcher may appeal actions of the Administrator to the Committee. Grounds for such appeal are alleged failure of the Administrator to fulfill the provisions of this Policy, to follow appropriate implementing guidelines, or to demonstrate reasonable diligence.

The Researcher shall submit the appeal in writing to the Chairperson of the Committee, who shall determine whether the Researcher has made a reasonable effort to resolve the complaint with the Administrator and whether the

May 3, 1985 meeting, Board of Trustees

INTERIM POLICY ON PATENTS AND COPYRIGHTS (contd)

substance of the appeal appears to be within the scope of this Policy. Proceedings shall be informal, but all parties shall have adequate notice and an opportunity to be heard.

After considering all relevant information the Committee shall prepare and send to the Vice President for Research and Graduate Studies a report of its findings and decision on the issues raised by the Researcher and any corrective action it recommends. The Vice President shall promptly review the report and may adopt or modify it on behalf of the University. The Committee's finding as to whether an item is subject to ownership by the University under section I B(2)(b) or (c) shall be final and conclusive on the part of the University unless appealed by the Researcher.

The decision of the Vice President for Research and Graduate Studies shall be communicated to the Researcher and the Administrator within thirty (30) days of his receipt of the Committee's report, and shall be final unless appealed to the President of the University by the Researcher or another interested party within thirty (30) days following the issuance. If so appealed, the decision of the President shall be final.

If the Researcher, the Administrator, or any other person is concerned about protection of academic freedom as a result of the interpretation, implementation, or use of this Policy, the matter may be referred to the Committee for appropriate action.

III. RESPONSIBILITIES OF THE RESEARCHER

Responsibility for timely disclosure of items subject to this Policy, such as copyrightable material and marks, inventions, discoveries and related know-how, rests with the inventor or creator. They shall take all reasonable steps requested by the Administrator including the execution of assignments and the like necessary for evaluation of the item and the perfection of patent or other rights.

Faculty or staff members, including students in their capacity as employees of the University, who believe that they have invented items outside the scope of this Policy shall not file, or permit others to file in their name, patent applications without providing at least thirty (30) days notice and a statement of the circumstances of the invention to the Administrator. At the Administrator's request, additional information as to the nature and circumstances under which the item was developed and a copy of the invention disclosure or proposed patent application, whichever the Administrator may deem appropriate under the circumstances, shall be provided.

Faculty or staff engaging in consulting or in business and those charged with approving such activities on behalf of the University are responsible for ensuring that any related agreements with external entities are not in conflict with this Policy or other commitments involving the University. The Administrator, upon request, will provide assistance in this respect. The University's rights and the individual's obligations to the University which are subject to this Policy are in no way abrogated or limited by the terms of such agreements, except insofar as the Vice President for Research and Graduate Studies

May 3, 1985 meeting, Board of Trustees

INTERIM POLICY ON PATENTS AND COPYRIGHTS (contd)

may specifically authorize in writing. Faculty and staff members should make their obligations to the University clear to those with whom they make agreements and should provide other parties to the agreement with a current statement of this Policy.

IV. RESPONSIBILITIES OF THE UNIVERSITY

When the University makes the determination to exercise its rights to an item, it will promptly make appropriate efforts to legally protect the item and with the assistance of the inventor or creator it will search out and initiate negotiations with prospective licensees.

If the University chooses neither to exercise its rights through pursuit of legal protection and commercial development or otherwise, nor to transfer the rights to another party, nor to dedicate the rights to the public, they shall be transferred or waived to the inventor or creator, if so requested in writing to the Administrator. Transfers or waivers shall be subject to such conditions in addition to the retention of a non-transferable royalty-free license as may be agreed to by the inventor or creator and the Committee.

If the University chooses to protect an item, but does not arrange for its commercial development or dedication to the public within a reasonable time, the inventor or creator may make a written request to the Administrator for transfer or waiver of rights from the University. The Vice President for Research and Graduate Studies will either grant the request or will advise the inventor or creator of the University's plans for the item; in addition to the retention of a non-transferable royalty-free license, appropriate conditions agreed to by the inventor or creator and the Committee shall be applied to any transfer or waiver.

The University shall treat disclosures of items subject to this Policy as confidential and shall make reasonable efforts to avoid loss of rights due to lack of appropriate documentation or to improper or premature disclosure or to publication without proper copyright notice.

V. TRANSFER OF UNIVERSITY PROPERTY

The University must preserve any basis that may exist for protecting items subject to this Policy. In some cases, tangible property belonging to the University, including models, devices, designs, computer programs, cell lines, antibodies, recombinant materials, chemical compounds, compositions, formulations, plant varieties, and records concerning inventions or discoveries, constitutes a portion of that basis. Therefore, written approval of the Vice President for Research and Graduate Studies, or his delegate, must be obtained before tangible property associated with Products of University Research is removed from University facilities or transferred to any person or entity for commercial purposes. This Policy does not modify any existing requirements concerning the transfer of University property to others for non-commercial purposes.

INTERIM POLICY ON PATENTS AND COPYRIGHTS (contd)

Where required by a Sponsored Program agreement or where publication may affect the ability to legally protect an item subject to this Policy, timely prior written notice of any proposed publication reporting or describing any Product of University Research should be given to the Administrator so that patent applications may be filed in a timely fashion, appropriate copyright notices provided for, and any relevant obligations under a Sponsored Program agreement satisfied.

VI. DISTRIBUTION OF INCOME

The University shall establish a royalty account for each Product of University Research for which it anticipates receiving royalties or other income, and all expenses and income relating to that item shall be recorded therein. Where more than one such item is licensed together for a common fee or royalty, a common royalty account may be established for all of the related items.

Income to each royalty account shall be distributed as follows:

(1) Of all amounts received up to the first \$45,000, before deduction for any expenses, fifty percent shall be paid to the inventors or creators, or to their heirs or assigns; the other fifty percent shall not be available for distribution to the inventors or creators.

(2) The direct expenses of the University allocable to investigating, evaluating, protecting and enforcing the rights to the item(s) covered by the account, including provision for payment of future maintenance fees for any patent(s), shall next be charged to the royalty account; expenses shall not include salaries or other overhead associated with the Administrator's office except for a reasonable charge where the Administrator prepares a patent application.

(3) Of that fifty percent of the first \$45,000 not allocated to the inventors or creators, any balance not offset by direct expenses chargeable to the particular royalty account will be used proportionately to offset direct expenses accrued for the evaluation, protection and development of other Products of University Research which have not been otherwise recouped.

(4) Any remaining balance shall be distributed, normally on an annual basis, as follows:

(a) twenty-five percent to the inventors or creators or their heirs or assigns (but not to include any portion of the first \$45,000 of gross income),

(b) twenty-five percent divided equally, unless another division is requested by the appropriate dean or chairperson and is approved by the Vice President for Research and Graduate Studies, between the inventor's college and department, for research and other scholarly activities, and

May 3, 1985 meeting, Board of Trustees

INTERIM POLICY ON PATENTS AND COPYRIGHTS (contd)

(c) the balance to be used for support of research and other scholarly activities throughout the University as determined by the Vice President for Research and Graduate Studies.

Where a royalty account is established for an item in which rights are transferred or waived to the Researcher, no distribution shall be made therefrom to the Researcher, except as may be specifically provided for in connection with such transfer or waiver.

When there is a reasonable basis for believing that amounts subject to distribution under the Policy may be required to be refunded or otherwise expended, or that others may have a claim to such distribution, payments may be withheld for a reasonable period required for resolution of the matter. No person shall have a right to receive payment or other benefit under this Policy for periods before the Administrator has been notified in writing by that person of his or her basis for a claim. Upon good faith determination by the Vice President for Research and Graduate Studies that a person has not contributed significantly to the invention or creation of the items in question and has no other valid basis for a claim, that person shall not be eligible for payment or other benefit under this Policy. In case of dispute among persons claiming to be due amounts under this Policy, the good faith payment by the University to one or more of the claimants shall fully satisfy any obligations on the part of the University to all claimants for the amounts paid.

VII. REVIEW OF INTERIM POLICY

This interim Policy shall be reviewed after two years by the Faculty Committee on Patents and Copyrights and a report made to the Vice President for Research and Graduate Studies. The report shall form the basis for any revision in the policy which may be appropriate.

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UNIVERSITY HOSPITALS BOARD APPOINTMENTS

Resolution No. 85-118

Synopsis: Confirmation and approval of nominees 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 terms of two of the members selected from the general public expired on April 30, 1985:

NOW THEREFORE

May 3, 1985 meeting, Board of Trustees

UNIVERSITY HOSPITALS BOARD APPOINTMENTS (contd)

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 May 1, 1985:

John R. Hodges
Arthur I. Vorys

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DEGREES AND CERTIFICATES - SPRING QUARTER COMMENCEMENT
Resolution No. 85-119

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 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 14, 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.

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PERSONNEL ACTIONS

Resolution No. 85-120

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the April 5, 1985 meeting of the Board, including the following Appointment of Chairpersons of Departments and Academic Faculty, Medical Staff--Appointments, Leaves of Absence Without Salary, Leave of Absence Without Salary--Extension, and Emeritus Titles as detailed in the University Budget be approved.

Appointment of Chairpersons of Departments and Academic Faculty

March 18, 1985 through June 30, 1985

City and Regional Planning

Luc E. Anselin*

*Acting Chairperson

May 3, 1985 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointment of Chairpersons of Departments and Academic Faculty (contd)

July 1, 1985 through June 30, 1989

Entomology

Clive A. Edwards

October 1, 1985 through September 30, 1988

Academic Faculty of Accounting
and Management Information Systems

Felix P. Kollaritsch

Medical Staff--Appointments

Effective February 13, 1985

Jeffrey G. Bell, M.D.

Attending Staff in Obstetrics and Gynecology; Clinical Assistant Professor

John D. Bohlen, M.D.

Courtesy Staff in Family Medicine

John B. Downs, M.D.

Attending Staff in Anesthesiology; Professor and Vice Chairman

Brenda P. Jacobs, M.D.

Courtesy Staff (Special) in Obstetrics and Gynecology

Jack A. Kopechek, M.D.

Limited Staff in Pediatrics; Clinical Instructor HS

M. Christine Stock, M.D.

Limited Staff (Fellow) in Anesthesiology; Clinical Instructor HS

Phyng Ngoc Vo, M.D.

Limited Staff in Family Medicine; Clinical Instructor HS

February 15, 1985

Bengt Olov Widlund, M.D.

Attending Staff in Anesthesiology

Leaves of Absence Without Salary

RENE M. STULZ, Associate Professor, Academic Faculty of Finance,
effective Autumn Quarter 1985, to visit MIT, Boston, MA.

CATHERINE R. HOWARD, Instructor, Cooperative Extension Service,
effective June 3, 1985 through June 30, 1985, for personal reasons.

May 3, 1985 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leave of Absence Without Salary--Extension

FREDERICK D. STURDIVANT, Professor, Academic Faculty of Finance, extension effective July 1, 1985 through June 30, 1986, to continue his work at the Management Analysis Center, Inc. (MAC), Chicago, IL.

Emeritus Titles

NAURINE R. MCCORMICK, College of Home Economics - Administration, with the title Associate Dean and Professor Emeritus, effective July 1, 1985.

JACK E. DOUGLAS, Department of Communication, with the title Professor Emeritus, effective July 1, 1985.

WHITNEY H. MISSILDINE, Department of Psychiatry, with the title Professor Emeritus, effective July 1, 1985.

HEINZ P. PIEPER, Department of Physiology, with the title Professor Emeritus, effective July 1, 1985.

EDGAR T. SHAUDYS, Department of Agricultural Economics and Rural Sociology, with the title Professor Emeritus, effective April 1, 1985.

MARYLIN G. HOUSE, School of Health, Physical Education, and Recreation, with the title Assistant Professor Emeritus, effective April 1, 1985.

C. THOMAS RIDENOUR, Division of Accounting, with the title Controller Emeritus, effective June 1, 1985.

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RESOLUTIONS IN MEMORIAM

Resolution No. 85-121

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.

Edgar Dale

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 8, 1985, of Edgar Dale, Professor Emeritus in the Department of Educational Policy and Leadership.

May 3, 1985 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Edgar Dale (contd)

Born in Minnesota, Dr. Dale received his bachelor's and master's degrees from the University of North Dakota and his Ph.D. degree from the University of Chicago. Early in his career he was a teacher and school superintendent in North Dakota. Dr. Dale joined the faculty of The Ohio State University in 1929. As a member of the Bureau of Educational Research, he became a Professor of Education in 1939. During World War II he served as a consultant for the War Department, coordinating the production of instructional training films.

Dr. Dale was a nationally and internationally known expert in communications. His book Audio-Visual Methods in Teaching, published in 1946 and revised in 1954 and 1969, greatly influenced teaching techniques and pointed out the significance of using all available resources and rich experiences in the classroom.

Widely known as an inspiring teacher, Dr. Dale received an Alumni Award for Distinguished Teaching in 1963. During his career he conducted seminars in Japan, Australia, Brazil, and Mexico. For many years Dr. Dale served on the Committee of The National Society for the Study of Education. He was on the Advisory Board of the World Book Encyclopedia, and an active member of Phi Delta Kappa, championing minority membership in the organization.

As editor of The News Letter for 36 years, Dr. Dale's pointed, clearly-written articles encompassed a wide range of knowledge including information on film, radio, television, the press, reading, vocabulary, and literacy. He strove to improve the quality of reading materials by advocating simplicity and clarity in writing. These efforts resulted in his widely-used readability formula for predicting the difficulty of reading materials.

Dr. Dale's scholarly research in reading and vocabulary has greatly influenced the writers of newspapers, textbooks, and other publications. In 1974, he was elected into the Reading Hall of Fame. In 1980, the University conferred on him the honorary degree, Doctor of Humane Letters.

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.

Hilda E. Dierker

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 11, 1985, of Hilda Dierker, Associate Professor Emeritus in the School of Music.

Ms. Dierker was born on April 7, 1899, in Columbus, Ohio. She graduated from The Ohio State University with a Bachelor of Science in Education degree in 1930 and received a Master's degree with a major in music in 1938.

May 3, 1985 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Hilda E. Dierker (contd)

Ms. Dierker began employment at the University as a part-time Instructor in 1928. Her major teaching assignments were in the area of music for elementary teachers, music appreciation for non-music majors, and the supervision of student teachers. She retired at the rank of Associate Professor Emeritus in October 1959.

On behalf of the University community, the Board of Trustees expresses to the family of Ms. Dierker 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.

Chester S. Hutchison

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 31, 1985, of Chester S. Hutchison, Assistant Dean Emeritus in the College of Agriculture.

Mr. Hutchison was born May 18, 1902, in Ashville, Ohio. He graduated from The Ohio State University with a Bachelor's Degree in Agriculture in 1924 and a Master's Degree in Agricultural Education in 1930.

He joined the OSU staff in 1935, as teacher trainer and Assistant Professor of Agricultural Education. He served as Assistant Dean of the OSU College of Agriculture and Home Economics, a post that he was appointed to in 1947, after serving as junior dean since 1940. He retired August 31, 1964.

Mr. Hutchison was former Mayor of Worthington, Ohio (1956-57); Past President, Board of Education, Worthington Exempted Village School District (1955), member (1952-56); Elder and former Deacon, Worthington Presbyterian Church; Past Chairman, Worthington Municipal Development Commission (1960-71); Past Chairman, Endowment-Memorial Fund, Worthington Presbyterian Church (1970-71); Past Chairman, Southern Ohio Appeal Board of Selective Service System (1965-71); and Past President, Columbus Rose Club. He also authored several books on careers in agriculture.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Hutchison 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.

Earl J. Mickle

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 11, 1985, of Earl J. Mickle, Professor Emeritus in the Department of Mathematics.

May 3, 1985 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Earl J. Mickle (contd)

Professor Mickle was born in Sandusky, Ohio, on February 5, 1911, and graduated from Sandusky High School in 1928. He received a Bachelor's degree in Physics from Mount Union College in 1933 and a Bachelor's degree in Education from Bowling Green State University in 1935. He then taught science and mathematics for two years at Birmingham High School in Birmingham, Ohio. He became a Teaching Assistant in the Mathematics Department at Ohio State in 1937. He received his M.A. degree in March 1939 and his Ph.D. in June 1941, both in Mathematics from The Ohio State University. He was appointed Instructor in 1941, and was promoted to Assistant Professor in 1944, Associate Professor in 1948, and Professor in 1951. His career of service to the University extended from 1937 until his retirement as Professor Emeritus in 1980.

Professor Mickle was a member of the American Mathematical Society and the Mathematical Association of America. He was the author of more than twenty-five mathematical research papers in the fields of real variables, measure theory, and topological groups. He directed twelve doctoral dissertations. He served on influential committees of the Mathematics Department, the Graduate School, and the University. His loyalty to the University and his dedication to its development 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.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 85-122

Synopsis: The reports on contracts, grants, and gifts and the summary for March 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

May 3, 1985 meeting, Board of Trustees

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

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 1985 be approved.

SUMMARY FOR MARCH 1985

	No. of Projects	Support Level
The Ohio State University Research Foundation	82	\$4,984,981.00
Engineering Experiment Station	41	\$ 234,781.00
		\$5,219,762.00
The Ohio State University Development Fund		
Establishment of Named Funds		
The Raymond E. Mason, Sr., (Designated) Professorship in Transportation and Logistics (Support designated professor - College of Administrative Science)		\$ 49,891.29
The Stella B. Milburn Fund (Enrichment of the College of Home Economics)		\$ 17,500.00
Pharmaceutical Administration Excellence Fund (Support activities undertaken by the Merrell Dow Professor)		\$ 15,000.00
Harris Leadership Scholarship in Pharmacy Administration (Support a third or fourth year student in pharmaceutical admin- istration)		\$ 6,000.00
Bradley R. Kastan Fund (Fund awards in the Department of History)		\$ 5,000.00
The George C. Paffenbarger Chair in Restorative Dentistry and Dental Materials Fund (Provide support for the work of an internationally recognized scholar, researcher or teacher in dentistry)		\$ 5,000.00

May 3, 1985 meeting, Board of Trustees

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

SUMMARY FOR MARCH 1985 (contd)

The Ohio State University Development Fund (contd)

Recision of Designated Professorship

James R. Riley Professorship in
Marketing and Logistics, effective
May 3, 1985

Report from Presidents Club

Members to date	4,776
1984-85 members: fiscal year to date	115
New members - March 1985	35

New Presidents Club Members - March 1985

Frank B. Amrine, Jr.	Nationwide Insurance Co.
Ronald E. Arrick	(J. Richard Bull)
Beneficial Management Corp.	Robert Neff
(J. C. Heywood)	Donald E. Reichelderfer
Harold F. Bolesky	Mary Jane Rising
Barbara J. Brandt	Ronald S. Rybak
John W. Carroll	James W. Self, Jr.
L. Arthur Denton	Betty Sherwood
Howard Fletcher	B. Lee Skilken
Ray W. Gifford	William J. Soter
Donald J. Henry	Frank E. Spuhler
Jane Biggs Kamer	Mark H. Swisher
Marland J. Kingsbury	Harry T. Vallery
Joseph T. Leach	Robert C. Vallery
Linda K. Lee	J. Ray Waller
Thomas E. Leontis	Marilyn P. Wenrich
William E. Maxwell	William S. Weprin
Scott H. Merryman	Eddie L. Whitson
Lewis B. Moore	

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

July through March
1983-84 compared to 1984-85

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

CONTRIBUTIONS BY DONOR TYPE

	Donors			Dollars		
	July through 83-84	March 84-85	% Change	July through 83-84	March 84-85	% Change
Alumni	35,081	38,715	10	\$ 4,864,690	\$ 5,718,245	18
Non-Alumni	17,386	22,349	29	4,886,250	3,369,759	(31)
Corporations	1,342	1,421	6	3,912,983	6,032,031	54
Corporate Foundations	225	228	1	1,309,905	1,557,974	19
Private Foundations	110	97	(12)	880,670	961,614	9
Other	658	524	(20)	780,307	966,180	24
Total	54,802	63,334	16	\$16,634,805	\$18,605,803	12

May 3, 1985 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - March 1985

Federal Research Contracts/Grants

\$398,593.00 - Department of the Navy, Office of Naval Research, Arlington, VA, Joint Services Electronics Program, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters, Jr. and J. D. Young), 1 October 1984 through 30 September 1985. (Project 760914 - Continuation)

\$185,401.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, MD, Proposal for Doctoral Program, Department of Family and Community Nursing (E. M. Menke), 1 March 1985 through 28 February 1986. (Project 764615 - New)

\$158,278.00 - 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 1985 through 31 March 1986. (Project 763497 - Continuation)

\$150,362.00 - 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 1985 through 31 March 1986. (Project 764634 - New)

\$136,002.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, A Model of Parainfectious Demyelinating Encephalitis, Department of Veterinary Pathobiology (G. S. Krakowka), 1 April 1985 through 31 March 1986. (Project 762797 - Continuation)

\$130,312.00 - 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 1985 through 31 March 1986. (Project 764008 - Continuation)

\$113,025.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Deletions and Mitochondrial Genetic Recombination, Department of Genetics (P. S. Perlman and C. W. Birky, Jr.), 1 April 1985 through 31 March 1986. (Project 764400 - Continuation)

\$108,382.00 - 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 1985 through 28 February 1986. (Project 764606 - New)

May 3, 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)

\$106,293.00 - 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), 1 April 1985 through 31 March 1986. (Project 763502 - Continuation)

\$101,500.00 - National Science Foundation, Washington, DC, Micromechanisms of Polycrystalline Strain Propagation, Department of Metallurgical Engineering (R. H. Wagoner and W. A. T. Clark), 1 January 1985 through 31 December 1985. (Project 763921 - Continuation)

\$96,000.00 - National Science Foundation, Washington, DC, Totally Synthetic Heme Protein Models, Department of Chemistry (D. H. Busch), 1 July 1985 through 30 June 1986. (Project 764274 - Continuation)

\$93,302.00 - 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 1985 through 28 February 1986. (Project 763013 - Continuation)

\$92,330.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Stereoisomeric Imidazolines: Adrenoreceptor Studies, College of Pharmacy (D. D. Miller and P. N. Patil), 1 April 1985 through 31 March 1986. (Project 763483 - Continuation)

\$87,982.00 - 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 1985 through 31 March 1986. (Project 762083 - Continuation)

\$86,422.00 - 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 1985 through 31 March 1986. (Project 764000 - Continuation)

\$78,407.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Stochastic Fourier Transform Ion Cyclotron Resonance, Department of Chemistry (A. G. Marshall), 1 April 1985 through 31 March 1986. (Project 763504 - Continuation)

May 3, 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)

\$74,411.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Immunity against Enteric Viral Infections, Department of Food Animal Health Research Program - OARDC (L. J. Saif), 1 April 1985 through 31 March 1986. (Project 764044 - Continuation)

\$71,200.00 - National Science Foundation, Washington, DC, Collaborative Research on the Origin of Carbonate Buildups in the Lower Mississippian Fort Payne Formation, Kentucky, Department of Geology and Mineralogy (W. I. Ausich), 15 January 1985 through 31 December 1986. (Project 764627 - New)

\$67,000.00 - Department of the Navy, Naval Post Graduate School, Monterey, CA, Application of Artificial Intelligence Techniques to Robot Mobility Problems, Department of Electrical Engineering (R. B. McGhee), 1 January 1985 through 30 September 1986. (Project 764633 - New)

\$67,000.00 - Department of the Navy, Naval Supply Center, Oakland, CA, Design and Test of Fifth Scale Model of an Inlet and Exhaust System for Gas Turbine Engine, Department of Aeronautical and Astronautical Engineering (J. D. Lee), 1 January 1985 through 1 April 1985. (Project 764564 - New)

\$55,536.00 - National Science Foundation, Washington, DC, Boundary Layer Studies in Terra Nova Bay, Antarctica, Institute of Polar Studies (D. H. Bromwich), 1 April 1985 through 28 February 1986. (Project 764091 - Continuation)

\$51,622.00 - 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 1985 through 28 February 1986. (Project 764598 - New)

\$49,315.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, The Transformation from Cone to Channel Sensitivities, Departments of Zoology, Biochemistry and Microbiology (C. R. Ingling, Jr.), 1 March 1985 through 28 February 1986. (Project 761926 - Continuation)

\$46,708.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Biomechanics of an Amphibian Seismic Sensory System, Department of Zoology (T. E. Hetherington), 1 April 1985 through 31 March 1986. (Project 764599 - New)

May 3, 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)

\$43,403.00 - 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 and Department of Medicine (M. R. Grever), 1 April 1985 through 1 July 1985. (Project 763077 - Continuation)

\$41,900.00 - Department of Education, Office of Educational Research and Improvements, Washington, DC, Operation of an Educational Resources Information Center (ERIC) Clearinghouse on Science, Mathematics and Environmental Education, Department of Educational Theory and Practice (R. W. Howe), 1 January 1985 through 31 December 1985. (Project 763390 - Continuation)

\$40,000.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, VA, Research on Analysis of Large Aperture Reflector Antennas, Department of Electrical Engineering, ElectroScience Laboratory (R. C. Rudduck), 1 December 1984 through 15 September 1985. (Project 763724 - Continuation)

\$40,000.00 - National Science Foundation, Washington, DC, The Relationship between Resource Patterns and the Structure of Social Systems, Department of Zoology (J. F. Downhower), 1 March 1985 through 28 February 1986. (Project 763984 - Continuation)

\$37,500.00 - National Science Foundation, Washington, DC, Presidential Young Investigator Award - Fracture and Toughening of Ceramic Materials, Department of Ceramic Engineering (K. T. Faber), 14 February 1985 through 30 June 1985. (Project 764324 - Continuation)

\$34,000.00 - 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 March 1985 through 30 June 1985. (Project 763362 - Continuation)

\$31,400.00 - National Science Foundation, Washington, DC, Investigations into the Necessary Use of Abstract Set Theory and Constructive Aspects of Algebra, Department of Mathematics (H. M. Friedman), 1 July 1985 through 30 June 1986. (Project 762750 - Continuation)

\$30,896.00 - National Science Foundation, Washington, DC, The Cost Structure and Investment Dynamics of Gas and Electricity Distribution Systems in Urban Areas, Department of City and Regional Planning (J. M. Guldmann), 15 March 1985 through 14 March 1987. (Project 764559 - New)

May 3, 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)

\$30,000.00 - Department of the Navy, Naval Research Laboratory, Washington, DC, Nondestructive Evaluation Technical Support, Department of Welding Engineering (L. Adler), 1 February 1985 through 19 August 1985. (Project 764595 - New)

\$29,000.00 - 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)

\$25,988.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Washington, DC, Yellow Fever and the Modernization of Medicine in Brazil, Department of History (D. B. Cooper), 1 June 1985 through 31 May 1986. (Project 764623 - New)

\$22,544.00 - 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 1985 through 31 March 1986. (Project 761080 - Continuation)

\$21,785.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, MD, Development of Improved Crossing Arc Adjustment Procedures for Topex Altimeter Data, Department of Geodetic Science and Surveying (R. H. Rapp), 1 April 1985 through 31 March 1986. (Project 764604 - New)

\$19,564.00 - National Science Foundation, Washington, DC, U.S.-Italy Cooperative Research: Magnetic and Electrical Properties of the Bound Impurity Electron in Doped Magnetic Semiconductors, Department of Physics (P. E. Wigen), 1 April 1985 through 31 March 1986. (Project 764626 - New)

\$19,417.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Measurement of Polyamines in Gingival Crevicular Fluid, College of Dentistry - Periodontics (J. D. Walters), 1 April 1985 through 31 March 1986. (Project 764605 - New)

\$16,150.00 - National Science Foundation, Washington, DC, A Seminar on the Developmental Physiology of Fern Haplophase, Department of Botany (V. Raghavan), 1 March 1985 through 31 May 1986. (Project 764601 - New)

\$15,500.00 - 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), 15 December 1984 through 30 September 1985. (Project 763319 - Continuation)

May 3, 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)

\$15,000.00 - Department of Education, Office of Educational Research and Improvements, Washington, DC, Center for the Study of Learning, Department of Educational Theory and Practice (A. L. White and M. L. Languis), 1 March 1985 through 30 June 1985. (Project 764613 - New)

\$14,374.00 - Department of Education, Office of Educational Research and Improvements, Washington, DC, NIE Planning Grant - NIE Center on Education and Employment, The National Center for Research in Vocational Education (R. E. Taylor), 1 March 1985 through 30 June 1985. (Project 764612 - New)

\$9,926.00 - National Science Foundation, Washington, DC, Alkane Binding as a Predictor of Whey Protein Functionality, Department of Food Science and Nutrition - OARDC and Department of Food Science and Nutrition (M. E. Mangino), 1 April 1985 through 31 March 1986. (Project 764628 - New)

\$9,788.00 - Environmental Protection Agency, Chicago, IL, Western Basin Data Analysis, Center for Lake Erie Area Research (D. E. Rathke), 1 March 1985 through 31 August 1985. (Project 764621 - New)

\$8,000.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, DC, 40th Symposium on Molecular Spectroscopy, Department of Physics (K. N. Rao), 1 March 1985 through 30 September 1985. (Project 764594 - Continuation)

\$6,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Minority High School Student Research Apprentice Program - Biological Sciences, Office of Minority Affairs (J. Cruz), 1 March 1985 through 28 February 1986. (Project 762731 - Continuation)

\$6,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Minority High School Student Research Apprentice Program - Medicine, Office of Minority Affairs (J. Cruz), 1 March 1985 though 28 February 1986. (Project 762728 - Continuation)

\$6,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Minority High School Student Research Apprentice Program - Pharmacy, Office of Minority Affairs (J. Cruz), 1 March 1985 through 28 February 1986. (Project 762730 - Continuation)

May 3, 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)

\$6,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Minority High School Student Research Apprentice Program - Veterinary Medicine, Office of Minority Affairs (J. Cruz), 1 March 1985 through 28 February 1986. (Project 762729 - Continuation)

\$4,400.00 - National Science Foundation, Washington, DC, U.S.-Sweden Cooperative Science: The Role of Continued Fractions in System Theory, Department of Mathematics (B. Wyman), 1 March 1985 through 28 February 1986. (Project 764629 - New)

\$3,523.00 - Environmental Protection Agency, Washington, DC, Dietary Factors on the Uptake of Aluminum from Drinking Water, Department of Pharmacology (D. Couri), 19 November 1984 through 18 November 1985. (Project 764449 - Continuation)

TOTAL - FEDERAL AWARDS

\$3,193,441.00

State of Ohio Research Contracts/Grants

\$26,760.00 - State of Ohio, Department of Agriculture, Columbus, OH, Development and Use of Economic Data from the National Animal Disease Surveillance Program, Department of Veterinary Preventive Medicine (G. Y. Miller and C. R. Dorn), 1 September 1984 through 30 September 1985. (Project 764600 - New)

\$19,890.00 - State of Ohio, Department of Mental Health, Columbus, OH, A Study of Divorced Women's Use of Institutional and Non-institutional Counselling Services: An Exploratory Study, Department of Black Studies (K. S. Jewell), 1 March 1985 through 30 June 1985. (Project 764602 - New)

\$9,722.00 - State of Ohio, Department of Human Services, Columbus, OH, Development of a Data Base to Assist in the Dispensing Fee Determination for Participating Pharmacy Providers in the Ohio Medicaid Program, College of Pharmacy (D. S. Pathak), 25 February 1985 through 30 June 1985. (Project 764618 - New)

\$2,300.00 - State of Ohio, Department of Mental Health, Columbus, OH, Marital Interaction and Depression: The Complementarity between Husbands' and Wives' Communicated Appraisals, Department of Psychology (T. W. Milburn), 1 April 1985 through 30 June 1985. (Project 764636 - New)

\$625.00 - State of Ohio, The Ohio Humanities Council, Columbus, OH, Music in the Arab World, Center for Comparative Studies in the Humanities (S. J. Webber), 31 January 1985 through 13 May 1985. (Project 764583 - Continuation)

TOTAL - STATE OF OHIO AWARDS

\$ 59,297.00

May 3, 1985 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants

\$244,052.00 - The Procter & Gamble Company, Cincinnati, OH, Always[®] C Clinical Investigation, Department of Obstetrics and Gynecology (F. P. Zuspan), 1 February 1985 through 31 January 1986. (Project 764614 - New)

\$205,732.00 - Macro Systems, Inc., Silver Springs, MD, Impact Study of the Implementation and Use of the Targeted Jobs Tax Credit Program, The National Center for Research in Vocational Education (R. E. Taylor), 9 August 1984 through 8 February 1986. (Project 764401 - New)

\$204,500.00 - Program Resources, Inc., Frederick, MD, Experimental Assessment of Drugs for the Treatment of AIDS, Department of Veterinary Pathobiology (L. E. Mathes, R. G. Olsen and M. Tarr), 1 February 1985 through 31 January 1986. (Project 764597 - New)

\$199,951.00 - Rockwell International, Los Angeles, CA, Electro-magnetic Scattering Analysis, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters, Jr.), 27 February 1985 through 27 September 1985. (Project 764624 - New)

\$132,240.00 - E. I. duPont de Nemours and Company, Glenolden, PA, Leukocyte Activated Killer (LAK) Cell Adoptive Transfer: A Proposal to Develop Optimal Induction of Guinea Pig and Human LAK Cell Activity *in Vitro* and Test LAK Adoptive, Department of Medicine (J. J. Rinehart) and Department of Microbiology (B. S. Zwilling), 13 February 1985 through 12 February 1986. (Project 764609 - New)

\$70,000.00 - Brunswick Corporation, Marion, VA, Frequency Sensitive Surface, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 25 February 1985 through 24 October 1985. (Project 764635 - New)

\$64,985.00 - Rockwell International, Los Angeles, CA, Analytical Study for the Design of a Scanning Conformal Antenna Array, Department of Electrical Engineering, ElectroScience Laboratory (P. Pathak), 15 March 1985 through 30 September 1985. (Project 764622 - New)

\$42,000.00 - Burroughs-Wellcome Company, Research Triangle Park, NC, A Study to Evaluate Human Lymphoblastoid Interferon as a Simple Agent or in Combination with Vinblastine in Advanced Renal Cell Carcinoma, Department of Medicine (J. J. Rinehart), 13 June 1984 through 30 September 1985. (Project 764592 - New)

\$39,150.00 - Health Research, Inc., Buffalo, NY, The Effect of Cocarcinogens on Cellular Membranes, Cancer Research Center (L. D. Tomei), 1 December 1984 through 30 November 1985. (Project 763408 - New)

May 3, 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)

\$38,634.00 - Boehringer Ingelheim, Ridgefield, CT, Analysis of Dipyridamole in Plasma, Department of Veterinary Clinical Sciences (R. Sams), 1 April 1985 through 30 September 1985. (Project 762928 - Continuation)

\$35,160.00 - Warner Lambert Company, Ann Arbor, MI, An Evaluation of Preoperative Administration of Meclomen for Suppression of Postoperative Pain and Facial Swelling after Removal of Impacted Third Molars, College of Dentistry - Oral Surgery (J. M. Weaver), 1 December 1984 through 31 August 1985. (Project 764558 - New)

\$14,319.00 - Edison Welding Institute, Columbus, OH, Initial Start-Up of the Center for Welding Education, Department of Educational Policy and Leadership (J. E. Sage), 1 October 1984 through 31 December 1984. (Project 764610 - New)

\$10,631.00 - Bank One, Columbus, OH, Video-Based Training Programs, College of Education - Administration (J. J. Buffer), 12 March 1985 through 30 June 1985. (Project 764630 - New)

\$5,000.00 - The B. F. Goodrich Company, Cleveland, OH, Effect of a Proprietary Polymer Formulation on Needle Moisture and Retention on Cut Christmas Trees, Department of Forestry - OARDC (J. H. Brown), 1 January 1985 through 31 March 1986. (Project 764603 - New)

\$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 March 1985 through 31 May 1985. (Project 763633 - Continuation)

TOTAL - INDUSTRIAL AWARDS

\$1,309,754.00

Other Non-Federal Research Contracts/Grants

\$167,750.00 - University of Illinois, Chicago, IL, Technical Assistance for the University of North Sumatra Development Project, Newark Campus and Department of Political Science (H. M. Federspiel), 1 December 1984 through 31 July 1986. (Project 764590 - New)

\$150,000.00 - Robert Wood Johnson Foundation, Princeton, NJ, Urinary Tract Infections among the Institutionalized Elderly, Department of Medicine (C. M. Kunin), 1 March 1985 through 28 February 1987. (Project 764631 - New)

May 3, 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)

\$29,000.00 - 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 1985 through 31 March 1986. (Project 764632 - New)

\$19,302.00 - Columbus Technical Institute, Columbus, OH, Assisting Columbus Technical Institute in Developing and Evaluating an Assessment, Career Guidance, and Employability Development Program, The National Center for Research in Vocational Education (R. E. Taylor), 1 February 1985 through 31 January 1986. (Project 764607 - New)

\$16,900.00 - Arthritis Foundation, Central Ohio Chapter, Columbus, OH, Immunoregulation and Autoimmunity, Department of Medicine (R. L. Whisler), 1 April 1985 through 31 March 1986. (Project 760620 - New)

\$15,000.00 - United Nations, Geneva, Switzerland, Further Uses of the Murine Rotavirus Model: (1) Evaluation Potential Vaccines and (2) Cell-Mediated Immunological Studies of EDIM Gastroenteritis, Department of Medicine (J. F. Sheridan), 1 January 1985 through 31 December 1985. (Project 764620 - New)

\$12,000.00 - Martha Holden Jennings Foundation, Cleveland, OH, Improving the High School World History Course, Mershon Center for Education (R. Woyach), 1 April 1985 through 31 August 1986. (Project 764619 - New)

\$9,787.00 - Groveport Madison Local Schools, Groveport, OH, Groveport Madison Local Schools Internship Project, Department of Educational Policy and Leadership (C. M. Galloway), 1 January 1985 through 31 December 1985. (Project 764617 - New)

\$2,500.00 - National Council on U.S.-Arab Relations, Washington, DC, Music in the Arab World, Center for Comparative Studies in the Humanities (S. J. Webber), 1 January 1985 through 30 June 1985. (Project 764616 - New)

\$250.00 - Berks County Vocational Technical School, Ashland, PA, Technical Assistance for Berks County Vocational Technical School, The National Center for Research in Vocational Education (R. E. Taylor), 1 March 1985 through 30 April 1985. (Project 768049 - New)

TOTAL - OTHER NON-FEDERAL AWARDS

\$ 422,489.00

May 3, 1985 meeting, Board of Trustees

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

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$127,569.00 - from 35 sponsors of 39 development projects under the direction of six engineering departments.

\$77,896.00 - International Engineering Company, San Francisco, CA, "A Study of Radio Frequency Interference from HVDC Converter Stations, Extension #4," Department of Electrical Engineering, 13 March 1985 through 31 March 1986. (529632, Ext. 4)

\$29,316.00 - Parker Hannifin Corporation, Cleveland, OH, "Fitting Fabrication by Welding, Extension #1," Department of Welding Engineering, 9 March 1985 through 8 March 1986. (529656, Ext. 1)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 234,781.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

The Raymond E. Mason, Sr. (Designated) Professorship
in Transportation and Logistics

The Raymond E. Mason, Sr. (Designated) Professorship in Transportation and Logistics was established May 3, 1985, by the Board of Trustees of The Ohio State University with gifts from Raymond E. Mason, Jr., B.S.Bus.Adm. '41, in honor of Raymond E. Mason, Sr.

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.

Awards from the fund will be withdrawn annually from principal and/or interest accrued for the support of the designated professor in transportation and logistics upon the request of the Dean of the College of Administrative Science. Any unused interest shall be added to the fund's principal.

Should the need for this professorship 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 Administrative Science.

The Stella B. Milburn Fund

The Stella B. Milburn Fund was established May 3, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund as a tribute to Stella B. Milburn, B.S.H.E. '18, from her nieces and nephew.

May 3, 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 Stella B. Milburn 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 for the enrichment of the College of Home Economics as determined by the Dean of the College.

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 Home Economics.

Pharmaceutical Administration Excellence Fund

The Pharmaceutical Administration Excellence Fund was established May 3, 1985, by the Board of Trustees of The Ohio State University with an initial gift to the Office of University Development from Merrell Dow Pharmaceuticals, Inc., Cincinnati, 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 activities undertaken by the Merrell Dow Professor and in support of the advancement of research, teaching and public service in the Division of Pharmaceutical Administration at The Ohio State University College of Pharmacy. The Chairperson of the Division of Pharmaceutical Administration will have sole authority to authorize expenditures from the fund, under the supervision of the Dean of the College of Pharmacy.

The Chairperson of the Division of Pharmaceutical Administration, in agreement with the Dean of the College of Pharmacy, shall have the right to invade the principal from time to time, if necessary, to support the activities undertaken by the Merrell Dow Professor or by the Division of Pharmaceutical 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 recommendations from the appropriate administrative official of the University who is then responsible for the program in Pharmacy.

May 3, 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)

Harris Leadership Scholarship in Pharmacy Administration

The Harris Leadership Scholarship in Pharmacy Administration was established May 3, 1985, by the Board of Trustees of The Ohio State University with an initial gift to the Office of University Development from Seth Harris, B.S.Bus.Adm. '62, President of Harris Wholesale Company, 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 is to be used to help support a third or fourth year student in good academic standing in pharmaceutical administration. Candidates should be student leaders who have a demonstrated interest in the practice of community pharmacy. The grant should be made to a student involved in professional or University organizations and community service demonstrating personal qualities of leadership and good fellowship. Selection shall be made by the University Committee on Student Financial Aid upon the recommendation of the Chairperson of the Pharmaceutical Administration Division and approval of 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 who is then directly responsible for pharmacy education.

Bradley R. Kastan Fund

The Bradley R. Kastan Fund was established May 3, 1985, by the Board of Trustees of The Ohio State University with a gift to the Office of University Development from Bradley R. Kastan, B.A., Social and Behavioral Sciences, 1981, 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 fund awards in the Department of History to benefit those studying the history of business. Selection of the recipient shall be made by the University Committee on Student Financial Aid in consultation with Bradley R. Kastan, the Dean of the College of Humanities and 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.

May 3, 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 C. Paffenbarger Chair in Restorative
Dentistry and Dental Materials Fund**

The George C. Paffenbarger Chair in Restorative Dentistry and Dental Materials Fund was established May 3, 1985, by the Board of Trustees of The Ohio State University with gifts from alumni and friends in honor of George C. Paffenbarger, D.D.S. '24.

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 \$1,250,000. At that time, the annual income is to be used to provide support for the work of an internationally recognized scholar, researcher or teacher of distinction in the profession of dentistry. This person will have a thorough knowledge of dental materials or restorative dentistry and have demonstrated such knowledge through publications, research grants and innovative approaches in these fields. Appointment to the chair will be recommended by the Dean of the College of Dentistry and the Chairperson of Restorative Dentistry after consultation with section chairpersons.

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 Dentistry.

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**EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
BOARD OF REGENTS ENERGY MODIFICATION
PROGRAM, PHASE VII**

Resolution No. 85-123

Synopsis: Authorization to employ an architectural/engineering firm and request construction bids for Phase VII of the Board of Regents Energy Modification Program is proposed.

WHEREAS the Board of Regents Energy Modification Program, Phase VII, will provide needed energy modifications to Bevis, Mount, and Pressey Halls, which modifications will include the replacement of a gas-fired absorption chiller with a high efficiency electric drive chiller and required accessories, the installation of cross connect piping between buildings, and other improvements to increase the efficiency of energy use; and

May 3, 1985 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
BOARD OF REGENTS ENERGY MODIFICATION
PROGRAM, PHASE VII (contd)

WHEREAS the cost of these projects will total \$315,800.00, with \$252,640.00 being provided from the Ohio Board of Regents and \$63,160.00 being provided from University funds; and

WHEREAS the average payback for all projects is 4.3 years, with an effective payback for the University's share of 0.9 years:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance 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 Finance 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.

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REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS

Resolution No. 85-124

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:

VETERINARY SCIENCE FACILITY

Description: This project provides for the construction of an addition to Sisson Hall which will provide housing, care and maintenance for all laboratory animals utilized in biomedical research and teaching, laboratory animal rooms and animal support space, and basic medical science teaching laboratories. Work is scheduled to begin in May 1985, and be completed in November 1987.

May 3, 1985 meeting, Board of Trustees

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

VETERINARY SCIENCE FACILITY (contd)

General Contract

Date Received:	March 5, 1985
No. of Bids:	11
Low Bid:	\$3,147,200.00*
High Bid:	\$4,807,000.00*
Estimate of Cost:	\$3,305,000.00*
Awarded to:	Peterson Construction Co., Wapakoneta, OH

Plumbing Contract

Date Received:	March 5, 1985
No. of Bids:	7
Low Bid:	\$ 449,300.00*
High Bid:	\$ 599,500.00*
Estimate of Cost:	\$ 576,800.00*
Awarded to:	Duckworth Mechanical, Canal Winchester, OH

HVAC Contract

Date Received:	March 5, 1985
No. of Bids:	7
Low Bid:	\$1,498,000.00*
High Bid:	\$1,599,700.00*
Estimate of Cost:	\$1,679,000.00*
Awarded to:	J. A. Guy Co., Dublin, OH

Electrical Contract

Date Received:	March 5, 1985
No. of Bids:	7

*Recommended alternates reflected in these figures.

May 3, 1985 meeting, Board of Trustees

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

VETERINARY SCIENCE FACILITY (contd)

Electrical Contract (contd)

Low Bid:	\$ 540,470.00**
High Bid:	\$ 669,000.00*
Estimate of Cost:	\$ 807,700.00*
Awarded to:	Royal Electric, Columbus, OH
Total All Contracts:	\$5,634,970.00*
Total Contingency Allowance:	\$ 282,007.08 (which is 5 per cent of construction costs)
Total Project Cost:	\$7,095,000.00*
Funding:	HB 552, HB 798 and University Funds

ROBINSON LABORATORY ENVIRONMENTAL SYSTEM

Description: This project involves the removal and replacement of the first floor HVAC single fan system serving the southwest part of the building with a new fan system. This will eliminate the present inadequate air flow and temperature control problems in the area served by this system. Work will begin after June 17, 1985, and be completed within ten weeks from that date.

HVAC Contract

Date Received:	April 2, 1985
No. of Bids:	5
Low Bid:	\$ 177,784.00**
High Bid:	\$ 190,000.00*
Estimate of Cost:	\$ 155,337.00*
Awarded to:	Holdridge Plumbing, New Albany, OH

*Recommended alternates reflected in these figures.

+ Actual low bid rejected by Division of Public Works due to bond being insufficient to award alternates.

**HVAC Contract is in excess of filed estimate of cost; however, the total price of all contracts is 3% over the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code.

May 3, 1985 meeting, Board of Trustees

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

ROBINSON LABORATORY ENVIRONMENTAL SYSTEM (contd)

Electrical Contract

Date Received:	April 2, 1985
No. of Bids:	3
Low Bid:	\$ 12,295.00*
High Bid:	\$ 13,300.00*
Estimate of Cost:	\$ 18,460.00*
Awarded to:	Electric Power Equip. Co., Columbus, OH
Total All Contracts:	\$ 179,079.00*
Total Contingency Allowance:	\$ 6,545.14 (which is 3.7 per cent of construction costs)
Total Project Cost:	\$ 190,102.00*
Funding:	HB 798 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 projects listed above are hereby approved.

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SUPPORT FOR THE WIDENING OF THE
LANE AVENUE AND KING AVENUE BRIDGES

Resolution No. 85-125

Synopsis: Support for the widening of Lane and King Avenues and the Lane and King Avenue Bridges is expressed.

WHEREAS the City of Columbus Thoroughfare Plan envisions that Lane Avenue and King Avenue should become four-lane arterials in the area east of Olentangy River Road; and

WHEREAS the present Lane Avenue and King Avenue Bridges across the Olentangy River are insufficient to accommodate this future expansion of these roadways; and

May 3, 1985 meeting, Board of Trustees

SUPPORT FOR THE WIDENING OF THE
LANE AVENUE AND KING AVENUE BRIDGES (contd)

WHEREAS the Board of Trustees has approved projects for the Health Center Internal Loop, the extension of College Road from 11th to 10th Avenues, the extension of 18th Avenue from College Road to High Street, and improvements to the College Road and Woodruff Avenue intersection; and the University has in the initial planning stages projects to provide access to the Health Center from State Route 315 and to improve Cannon Drive, all of which projects are designed to improve access to University facilities and the movement of traffic around the Columbus Campus; and

WHEREAS the widening of Lane and King Avenues and the widening of the bridges across the Olentangy River are of great importance in meeting the future transportation needs of this area of Columbus and will directly support these University plans to improve traffic movement in the University area:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees of The Ohio State University strongly supports the widening of King Avenue from Olentangy River Road to at least Cannon Drive, the widening of Lane Avenue east of Olentangy River Road, and the widening of the King Avenue and Lane Avenue Bridges across the Olentangy River; and

BE IT FURTHER RESOLVED, That this Board urges the City of Columbus and the Franklin County Engineer to move forward as soon as possible with the necessary evaluation, planning, and construction of these projects and directs the President and/or Vice President for Business and Finance to provide appropriate assistance to City and County officials in the development of these projects.

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LEASE OF LAND AND IMPROVEMENT
1212 KINNEAR ROAD, COLUMBUS, OHIO

Resolution No. 85-126

Synopsis: Lease of approximately 1.931 acres of land with improvements at 1212 Kinnear Road in Columbus, Ohio, is proposed.

WHEREAS The Ohio State University desires additional land and facilities to establish accommodations for organizations participating in the University Research Park; and

WHEREAS Joseph P. Burke owns approximately 1.931 acres of land at 1212 Kinnear Road with a building containing approximately 38,660 square feet and has agreed to lease this property to the University for a period of nine years and eleven months and include a right of first refusal to purchase the property; and

WHEREAS the appropriate University offices are in agreement as to the desirability of leasing this property:

May 3, 1985 meeting, Board of Trustees

LEASE OF LAND AND IMPROVEMENT
1212 KINNEAR ROAD, COLUMBUS, OHIO (contd)

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to lease this property from Joseph P. Burke upon such terms and conditions are deemed to be in the best interest of the University.

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LEASE AND DEVELOPMENT OF LAND
FOR HANGAR FACILITIES AT
THE OHIO STATE UNIVERSITY AIRPORT

Resolution No. 85-127

Synopsis: Lease of land at the University Airport for the construction and leaseback of hangar facilities is proposed.

WHEREAS there is a need for additional hangar space and related office and shop space at The Ohio State University Airport to house University aircraft and provide hangar facilities to be leased to private aircraft owners; and

WHEREAS in 1984 the University solicited competitive proposals from potential developers for the development of additional hangar facilities, whereby the University would lease land to a developer for the construction and leaseback of a clearspan hangar of approximately 22,500 square feet (with an additional 9,000 square feet of office and shop space) and T-hangar facilities to accommodate approximately 30 aircraft, with title to these facilities to pass to the University at the expiration of a 25-year lease; and

WHEREAS based on the proposals received, the University is negotiating a lease agreement with Diversified Municipal Services, Inc., under which Diversified Municipal Services will develop, construct, and lease back to the University these hangar facilities; and

WHEREAS these facilities will support and benefit the instruction and research programs of the Department of Aviation; and

WHEREAS the appropriate University offices are in agreement as to the desirability of leasing land at the University Airport for this purpose:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to negotiate the terms of the proposed lease of land to, and the subsequent leaseback of hangar facilities from, Diversified Municipal Services, Inc.; to request the Department of Administrative Services, on behalf of the University, to develop and execute the necessary legal instruments for the lease of land; and to execute, on behalf of the University, the subsequent leaseback of these facilities.

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May 3, 1985 meeting, Board of Trustees

UNIVERSITY NETWORK/INTEGRATED
TELECOMMUNICATIONS SYSTEM

Resolution No. 85-128

Synopsis: Adoption of a plan for a University Network/Integrated Telecommunications System is recommended.

WHEREAS the University's need for improved and expanded voice, data, and video communications to serve the direct needs of faculty, staff, and students and improve research and public service capabilities has been increasing rapidly over the last few years and there now exists a critical need for a University-wide telecommunications system which will integrate voice and data technologies, provide for access for all University departments and offices, improve transmission facilities, provide for future growth, and provide long-term cost and management control; and

WHEREAS over the last four years the Office of Business and Finance, through University Systems' Telephone Services Department, has undertaken a comprehensive study of the University's present and future telecommunications requirements and the technologies available to meet these needs and has issued a report entitled "University Network/Integrated Telecommunications System (UNITS) for The Ohio State University"; and

WHEREAS this report recommends:

- Replacing the existing voice-only communications system with a flexible, state-of-the-art system that will integrate data and voice technologies,
- Implementing a fiber optic transmission network that will connect all University facilities requiring enhanced voice, data, and video services,
- Purchasing the Ohio Bell Telephone Company building at Neil and Eighth Avenues to house the University's new telecommunications switching equipment and purchasing the copper cable connecting this facility with the University's telephone system,
- Implementing a standardized internal wiring plan for University facilities to ensure access to these telecommunications capabilities, and
- Taking action to ensure that the University has administrative and management control of its telecommunications system; and

WHEREAS the estimated capital cost of this telecommunications system is approximately \$28.9 million over a five-year period, to be financed through long-term debt, and the annual operating costs, including debt service, would be paid through user charges not inconsistent with current and anticipated charges for the present system:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees hereby accepts this report on the "University Network/Integrated Telecommunications System" and adopts, in concept, the recommendations contained in this report; and

May 3, 1985 meeting, Board of Trustees

**UNIVERSITY NETWORK/INTEGRATED
TELECOMMUNICATIONS SYSTEM (contd)**

BE IT FURTHER RESOLVED, That the Board of Trustees authorizes and directs the Vice President for Business and Finance to develop and implement the plans and recommendations contained in this report, subject to University competitive bidding requirements and to review and approval by appropriate University offices and/or this Board as required; and

BE IT FURTHER RESOLVED, That the Vice President for Business and Finance 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 Ohio Bell Telephone Company property located at Neil and Eighth Avenues, at a price not to exceed \$1,500,000.00, and the copper cable and appurtenances connecting this facility with the University's telephone system, at a price not to exceed \$1,600,000.00, upon such terms and conditions as are deemed to be in the best interest of the University, subject to the necessary approvals from the Ohio Board of Regents and the State Controlling Board.

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**REPORT OF COOPERS & LYBRAND AUDIT
OF THE OHIO STATE UNIVERSITY
FOR THE PERIOD ENDING JUNE 30, 1983**

Resolution No. 85-129

Synopsis: Report of Coopers & Lybrand's audit of The Ohio State University for the period ending June 30, 1983, is recommended for acceptance.

WHEREAS in December 1981, with the approval of the Auditor of State, the University entered into a three-year agreement with Coopers & Lybrand for an annual audit of The Ohio State University; and

WHEREAS the Coopers & Lybrand audit of the University, meeting the audit requirements of the Auditor of State, for the period ending June 30, 1983, has been received and reviewed by the appropriate University officers; and

WHEREAS the accounts, records, files, and reports of the University were found to be in essentially satisfactory condition, but certain recommendations were included in the report; and

WHEREAS the auditor's recommendations have been studied by the appropriate University officers, and procedures and responses have been developed as a result of the recommendations:

NOW THEREFORE

BE IT RESOLVED, That the Coopers & Lybrand audit of The Ohio State University for the period ending June 30, 1983, be accepted.

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May 3, 1985 meeting, Board of Trustees

**IMPROVEMENT IN BOILER & MACHINERY, PROPERTY
AND MOTOR VEHICLE INSURANCE PROGRAMS**

Resolution No. 85-130

Synopsis: An improvement in the boiler and machinery, property and motor vehicle insurance programs is proposed.

WHEREAS the Board of Trustees on prior occasions has approved the purchase of boiler and machinery and property insurance on specified locations and a motor vehicle liability insurance program; and

WHEREAS on July 18, 1984, the University requested proposals from seven national insurance brokers to review, analyze, develop and recommend insurance coverages consistent with current industry trends and risk management practices of major universities; and

WHEREAS on August 30, 1984, Johnson & Higgins of Ohio, Inc., was selected to recommend risk management programs to best protect the University from casualty loss; and

WHEREAS the Johnson & Higgins of Ohio, Inc., report dated January 24, 1985, has been analyzed by appropriate University offices; and

WHEREAS based upon such analysis, it is recommended that an insurance program be implemented, effective May 1, 1985, and at an annual expense of \$532,564, in conjunction with Johnson & Higgins of Ohio, Inc., as broker, upon the following terms:

All University-owned buildings and their contents shall be insured at a total value of \$1,757,311,000 with a deductible of \$500,000. Boiler and Machinery coverage will be provided in the amount of \$35,000,000 for selected property groups with deductibles varying by group from \$500 to \$5,000. Coverage for combined single limit, bodily injury and property damage liability insurance for all powered and driven motor vehicles will be provided in the amount of \$1,000,000 with coverage of \$10,000,000 for excess liability on specified properties and motor vehicles;

NOW THEREFORE

BE IT RESOLVED, That the recommended insurance program be implemented and that the coverages, premiums and performance of the carrier/broker (The Continental Insurance Companies-Industrial Risk Insurers/Johnson & Higgins) be reviewed annually with the policy remaining in force until such time as it is deemed appropriate to seek new proposals; and

BE IT FURTHER RESOLVED, That the President and/or Vice President for Personnel Services be authorized to establish and administer the above program which will provide Boiler and Machinery, Property and Motor Vehicle Liability and Excess Liability Insurance programs to protect the University's financial interests.

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May 3, 1985 meeting, Board of Trustees

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 85-131

RESOLVED, That the report on the University's Investment Portfolio, dated April 19, 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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Mr. Hilliker called on Lisa Aubrey, a member of the Students United Against Apartheid, to make a statement to the Board.

Ms. Aubrey made the following statement:

First of all, I would like to say good afternoon to everybody and thanks for placing us on the agenda at such a late request. I am terribly sorry that we have to come in this form, but it seems as if to get something done at this University you have to try extra, legal tactics.

Most of you know why we are here. We made a presentation on the first of February asking the University to divest monies from corporations doing business in or with the Republic of South Africa. We didn't get that. However, we got a committee and intended to bargain in good faith. And to date, that committee has tried to stall using every possible tactic that they can think of. I do have to agree with Mr. Ervin that it seems that this University will not cooperate and I don't think we are making unreasonable demands.

I'd like to read a statement today that is very short, but it states our position clearly:

"We the Students United Against Apartheid are thoroughly dissatisfied with the lack of progress of the South African Investment Review Committee."

If most of you don't know, the vote was taken on April 16, 1985, and that vote was 8-6 in favor of complete divestment. A copy of that report was given to President Jennings this morning. We had to go outside of committee procedures to see that he got that report-- for the life of me, I can't understand why people are trying to keep this secret.

This report, however, as I stated earlier, has not been distributed to you the members of the Board of Trustees; and the only reason we can think of is that the committee is trying to stall and that we are not going to stand for. As a member of that committee, I can tell you first hand that there have been blatant attempts by the committee to delay the submission of the report. The Chairperson even said that she could not submit a report for complete divestment because it is not what President Jennings wants, and I can't believe that. I can't believe that he appointed someone and said, "I don't want complete divestment." And I think it is up to you, President Jennings, and the Board of Trustees, to prove to us that

May 3, 1985 meeting, Board of Trustees

Ms. Aubrey: (contd)

you are bargaining in good faith. Unfortunately, we have tried peaceful negotiations, as I have said, but see what we have resorted to. We didn't want that, we came here on February 1 saying that we want a committee to study the issue so that we can sit down in an academic environment and discuss that and come to some agreement. However, it has been over three months--over three months--and we haven't gotten any kind of remedies and personally, I don't know what other kind of tactics to pursue at this point.

In essence, what we want to say is that the stalling games are over and it is no longer wait and see. The time to vote was yesterday. It is time that the Board does something. Therefore, we ask you, President Jennings, and the Board of Trustees, to seriously address the issue today. The committee is talking about meeting until the 14th of May to negotiate and while we are sitting down in our air conditioned rooms negotiating, people are suffering and dying in South Africa; and they don't have the right to negotiate.

So today, at this meeting, we don't have anywhere to go. All of us have taken the afternoon off, so we demand that you seriously address the issue. Our position is clear--we want complete divestment. Thank you.

Mr. Hilliker:

Thank you, Lisa. I don't think anybody on this Board is condoning what is going on in South Africa. We had a presentation this morning by the Council on Graduate Students and there was a resolution given us then that--basically the same resolution that passed by a 25-17 vote. I think all 42 of those people would agree that man's inhumanity to man that is going on there is appalling. But, apparently there were at least 17 people that aren't necessarily convinced that these are the only alternatives. What I am saying is this is not an easy issue--it is not an easy issue for the committee. No, we have not gotten a report and to my knowledge a report has not been issued. I am not going to say whether the committee is stalling, I don't know, but we have not gotten a report. But an 8-6 vote tells you that the issue is not easy.

Person in audience:

Let the majority rule.

Mr. Hilliker:

I understand that and this Board is evaluating this issue and we will. We are not going to make decisions under these circumstances, I can promise you that.

May 3, 1985 meeting, Board of Trustees

Person in audience:

Take the money out; that is all we are asking. Take all the money out. You get to sit in your nice cushioned chairs and you guys don't know that you're killing people. You are killing people by leaving that money in South Africa. We are not leaving today until you guys make a decision. Now you guys look, there are angry people out there, there are angry people in here, and there are people dying in South Africa. You guys can go home to your nice mansions, but we are not leaving until we get some satisfaction. You have the report, don't you?

President Jennings:

Mr. Chairman, this morning I met with three representatives of the South African Divestment Review Committee, Chair, Dr. Rosita Schiller, Professor Issac Mowoe, and Professor Marshall Swain. They advised me that they had requested a two week extension for the deadline of submitting their report.

Person in audience:

You have had three months.

President Jennings:

All right--and I have agreed to that request. I was informed that a draft copy of the report was delivered to my office while I was in meetings with my staff at a quarter to nine this morning. We will wait to receive the final document before commenting on its contexts and I will be looking forward to receiving that final report.

Ms. Aubrey:

President Jennings--I'm not through with my presentation, Mr. Hilliker. I would like to finish please, I would like to finish. You can leave if you want to but it doesn't make the problem go away. We are going to be here.

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Thereupon the Board adjourned to meet Friday, June 7, 1985, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

D. James Hilliker
Chairman

APPENDIX IV

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

June 14, 1985

Commencement Speaker

Richard F. Celeste **Doctor of Laws**

Richard F. Celeste, Ohio's 64th governor, was born in Lakewood, Ohio, and attended Lakewood High School. He graduated *magna cum laude* from Yale University in 1959 with a bachelor's degree in history. Following graduation, he taught at Yale for one year as a Carnegie Teaching Fellow. In 1961, he was selected as Ohio's Rhodes Scholar and attended Oxford University, where he conducted research on American diplomatic relations. After graduate study at Yale, Celeste worked with the Peace Corps' Division of Volunteer Support for Latin America. From 1963 to 1967, he served as an executive assistant to the U.S. Ambassador to India. Upon returning to Cleveland, he joined the National Housing Corporation, a small firm specializing in the development of housing for senior citizens with moderate incomes.

Celeste was first elected to office in 1970, when voters chose him for the first of two terms in the Ohio House of Representatives. As a state representative, he authored legislation for voter registration reform, improved state employee retirement benefits, adoption reform, and revised pension systems. Celeste was elected lieutenant governor in 1974 and ran for governor in 1978. After serving in the Carter administration as director of the Peace Corps from 1979 to 1981, Celeste was elected governor of Ohio in 1982. The University proudly recognizes Governor Celeste for his commitment to excellence in the state of Ohio and particularly in higher education.

Recipients of Honor

Torsten Hägerstrand Doctor of Science

Torsten Hägerstrand is considered by many of his colleagues to be the greatest living geographer in the world. Now professor emeritus at the University of Lund, Sweden, he held a personal research chair at that university from 1971 to 1982 under the sponsorship of the Swedish Council for Social Science Research—an extremely high honor in his country. Hägerstrand received his master's and doctoral degrees at Lund and holds honorary degrees from the University of Glasgow and the University of Bristol. He was a distinguished visiting professor at Ohio State earlier this academic year. His work on innovation diffusion, carried out in the 1950s and 1960s, continues to be cited as a standard against which current research is measured.

Hägerstrand was one of the first researchers to apply mathematical modeling to the social sciences and his work influenced others in several disciplines. Recently, he has pioneered research in "time-geography"—seeking to examine the interaction of space and time in the organization of everyday routines. He has been involved in an international project to record interviews with well-known scientists in order to analyze how they approach their research. Hägerstrand has made significant contributions of his time and counsel to the Swedish government. He has been awarded the King Carl XVI Gustaf Medal in Sweden, the Outstanding Achievement Award from the Association of American Geographers, and similar honors in Great Britain and Denmark. Ohio State is proud to honor this distinguished individual who has inspired a generation of scholars around the world.

Ragnhild Marie Hatton Doctor of Humane Letters

One of the world's leading historians of modern Europe, Ragnhild Marie Hatton was a faculty member at the University of London prior to her retirement in 1980. Her published works include a monumental biography of Charles XII of Sweden, which has been described as "the final, authoritative, comprehensive study" of the Swedish ruler. Her examinations of King Louis XIV of France and George I of England have been similarly acclaimed and acknowledged to have changed the perceptions of many historians regarding these monarchs. Hatton is equally admired for the processes leading to the completion of these and other works, earning the praise of one colleague for "her versatility, the breadth of her knowledge, her mastery of documents in a variety of languages . . . perhaps unparalleled in our time."

Hatton has taught extensively at American and Canadian universities; her first such appointment was as Merston Visiting Professor at Ohio State in 1964. She is perhaps most fondly regarded on this side of the Atlantic for her encouragement of American students and visiting faculty, many of whom she invited to participate in her seminars. Hatton's recognitions include honorary membership in the American Historical Association and investiture by the government of her native Norway as a knight in the Order of St. Olav. Ohio State is proud to recognize her contributions to the study of history, as well as her influence on so many of those involved in this discipline.

Distinguished Service Awards

Molly B. Caren **Distinguished Service Award**

Marie Brown (Molly) Caren first learned about Ohio State's College of Agriculture as a child, when horticulture students would visit the Brown fruit farm operated by her parents. After receiving a bachelor's degree in English from Ohio State in 1935, she managed the fruit farm. For 25 years she worked closely with faculty, students, and Cooperative Extension Service agents. In 1979, she acquired a livestock operation in Madison County and enrolled in classes in the College of Agriculture through Program 60. In 1982, she finalized a gift to Ohio State of a 996-acre farm that she owned in Madison County. The farm, which had been in her family since the early 1800s, was renamed Molly Caren Agricultural Center in her honor. It is now the site of the University's annual Farm Science Review, which attracts thousands each year and showcases the latest in agricultural equipment and techniques. Since the review moved to the new site, attendance has grown by 20 percent.

As a result of her generous gift, Mrs. Caren was invited to join The Presidents Council. She also is a member of the Alumni Association. Mrs. Caren has been active with Children's Hospital, Franklin County Children Services, the Children's Mental Health Center, the Columbus Gallery of Fine Art, the Junior League of Columbus, and the Crichton Club. She received the Distinguished Service Award from the Columbus School for Girls in 1973. Ohio State is proud to honor such a devoted alumna and benefactor.

George G. Greenleaf **Distinguished Service Award**

During his 25 years as executive vice president of the Ohio Grain and Feed Dealers' Association and four years as executive director of the Ohio Fertilizer and Pesticide Association, George Greenleaf has built close ties between the University and Ohio's agriculture industry. He translated his strong belief in the importance of education into practical workshops for association members—frequently employing the expertise of Ohio State faculty. Through his guidance, the Ohio Grain and Feed Dealers' Association has long supported the honors program of the College of Agriculture, including sponsorship of its annual recognition banquet.

Greenleaf's personal leadership has contributed to successful fund-raising campaigns that have brought nearly \$750,000 to Ohio State. His counsel and advice to the Ohio General Assembly helped lead to the establishment of the Agricultural Technical Institute in Wooster. An Ohio native who earned a bachelor's and a master's degree from Michigan State University, Greenleaf has been the recipient of every major recognition that can be conferred by Ohio State's College of Agriculture. He also has been honored by the national and state Future Farmers of America, the American Society of Association Executives, the National Grain and Feed Association, the Ohio Council of Retail Merchants, and the Ohio Vocational Association. Ohio State is grateful for his dedicated service and pleased to honor him.

The Graduate School

Acting Dean: John B. Gabel

Doctor of Musical Arts

Steven Martin Bresnen, Columbus; B.M., M.Mus; Music
Dr. Marshall H. Barnes

Dean Kerr Roush, Columbus; B.F.A. (Ohio University); M.M. (Bowling Green State University); Music
Dr. Thomas H. Wells

Doctor of Philosophy

Adeboye Adejare, Edé, Oyo, Nigeria; B.S., M.S. (The University of Iowa); Pharmacy
Dr. Duane D. Miller

Alex Atta-Safah, Asamankese, Ghana; Dip. Ed. (University of Cape Coast); M.F.A., M.Ed. (Howard University); Education
Dr. William D. Dowling

Behnam Bahariou, Tehran, Iran; B.S.M.E., M.S.; Engineering Mechanics
Dr. Arthur W. Leissa

Miguel Angel Bedolla, Monterrey, N.L., Mexico; B.A. (Saint Mary's University of San Antonio); Education
Dr. Donald P. Sanders

Daniel T. Belmont III, Newport, KY; B.S. (Northern Kentucky University); Chemistry
Dr. Leo A. Paquette

Yubol Chandruang Benjarongkij, Bangkok, Thailand; B.A. (Chulalongkorn University); M.A. (Michigan State University); Communication
Dr. John W. Dimmick

Nripendra Kumar Bhattacharyya, Calcutta, W. B., India; B.Sc. (Calcutta University); M.Sc. (Jadavpur University); Chemistry
Dr. Sheldon G. Shore

David Lloyd Binder, Whitestone, NY; B.A. (State University of New York at Stony Brook); M.A.; Psychology
Dr. Robert S. Billings

Timothy James Botti, Cleveland Heights; B.A., M.A. (John Carroll University); History
Dr. Marvin R. Zahriser

Essad Bouktache, Bognhi, Grande Kabylie, Algeria; B.S.E.E. (Polytechnic School of Algiers); M.S.; Electrical Engineering
Dr. Dean T. Davis

Ruth Elaine Brackebusch, Eugene, OR; B.A. (University of Oregon); M.A. (Michigan State University); Mathematics
Dr. Gerald A. Edgar

Debra DeVore Bragg, Hammond, IL; B.S. (University of Illinois); M.S.; Vocational Education, Comprehensive Program
Dr. Larry E. Miller

Nancy K. Campbell, Washington Court House; B.S.; M.A.; Education
Dr. Robert F. Rodgers

Hung-Hsiang Jonathan Chao, Columbus; B.S., M.S. (National Chiao Tung University); Electrical Engineering
Dr. Karl W. Olson

Anita Flowers Childers, Jesup, GA; B.A. (Clark College); M.A. (Atlanta University); Education
Dr. Sharon E. Fox

Richard James Cooper, Pittsburgh, PA; B.S. (The Pennsylvania State University); M.S. (University of Rhode Island); Agronomy
Dr. Paul R. Henderlong

Kelley Martin Cousin, Ashville; B.S. (Ohio Northern University); Pharmacy
Dr. Norman J. Uretsky

Daniel Michael Crenshaw, Columbus; B.S. (Georgia State University); Astronomy
Dr. Bradley M. Peterson

Anvind Inado D'Souza, Columbus; B.Sc., M.Sc. (University of Bombay); M.S.; Physics
Dr. Philip E. Wigen

Darrick Rollin Danta, Columbus; B.A., M.A. (California State University at Northridge); Geography
Dr. Emilio Casetti

Jacquelyn Pauline Deeds, Drain, OR; B.S., M.Ed. (Oregon State University); Agricultural Education
Dr. R. Kirby Barrick

Kurt Eugene Delbet, Columbus; B.S., M.S.; Microbiology
Dr. George J. Barwart

Gordon John De La Vars, Elyria; B.S. (Kent State University); M.A. (University of Akron); English
Dr. Morris Beja

Kenneth Arthur Feldmann, Hopkinton, IA; B.A., M.A. (University of Northern Iowa); Genetics
Dr. Randall L. Scholl

Helena J. Sheehan Ferguson, Tahliha, OK; B.A. (Ohio Dominican College); M.A.; Education
Dr. Anthony C. Riccio

David Michael Ficus, Kotzebue, AK; B.S., M.A. (The University of Alaska); Chemistry
Dr. Harold Shechter

Alphonse Maurice Foose, Huntington, WV; B.S., M.A. (Marshall University); Education
Dr. Aaron J. Miller
Dr. Anthony A. Olizock

Martilde Rosenda Franculli, Buenos Aires, Argentina; Prof. of English (Instituto Superior del Profesorado); M.A.; Romance Languages and Literatures
Dr. Margarita M. Levisi

Jeanette Lynn Fraser, Huntsville; B.A., M.A.; Political Science
Dr. Herbert B. Asher

Michael Lee French, Wintersville; B.S.E.E. (Ohio University); M.S.; Electrical Engineering
Dr. Said H. Koozekanani

Diane Lynn Furio, Cincinnati; B.S. (University of Cincinnati); Chemistry
Dr. R. J. Laub

Gloria Jean Galanes, Lima; A.B. (University of Michigan); M.A. (Bowling Green State University); Communication
Dr. Victor D. Wall

David Brian George, Kansas City, MO; A.B. (University of Missouri-Columbia); M.A.; Classics
Dr. Mark P. Morford

Fawzi Fathi Gherfil, Bab-el-baher, Tripoli, Libya; B.S. (University of Dayton); M.S.; Computer and Information Science
Dr. Sandra A. Manrak

Rahim Ghorbanzadeh Haghighi, Columbus; B.S.C.E., M.S.; Interdisciplinary: Engineering Mechanics/Mining Engineering
Dr. Calvin J. Konya

Soonkap Hahn, Korea; B.S. (Seoul National University); M.S.; Chemistry
Dr. Jack Hine

Carol Ann Hall, Upper Arlington, B.A. (California State University at Sacramento); M.A.; Education
Dr. Robert R. Bargar

Mary Carty Hall, Versailles, KY; B.A. (University of Kentucky); M.A.; Classics
Dr. Timothy C. Brock

Scott Clifton Hartsel, Elyria; B.S. (Ohio University); M.S.; Microbiology
Dr. Bruno J. Kozdziej

Evan William Hauck, Exton, PA; B.A. (Dickson College); M.A.; Classics
Dr. John T. Davis

Michael Ray Headrick, Chillicothe; B.A. (University of Missouri, Columbia); M.S. (University of Wisconsin-Stevens Point); Zoology
Dr. Robert F. Carine

Susan Elizabeth Heady, Louisville, KY; B.S., M.S. (University of Louisville); Entomology
Dr. Lowell R. Naut

Robert Arthur Herra, Rome, NY; B.A. (Wittenberg University); M.A. (Case Western Reserve College); Theatre
Dr. Donald R. Glancy

Martha Gregory Hill, Columbus; B.A. (University of California at Los Angeles); M.A.; Psychology
Dr. Gifford Weary

Robert Lee Hines, Ashville; B.U.P. (University of Cincinnati); M.S.; Agricultural Economics and Rural Sociology
Dr. Ted L. Napier

Robert Ralph Hite, Newark; B.S.Ed. (Capital University); M.A.; Education
Dr. Frederick R. Cyphert

Bernadette Janice Holmes, Norfolk, VA; B.A. (Norfolk State University); M.A.; Sociology
Dr. Clyde W. Franklin

William Craig Hooper, Pisgah Forest, NC; B.A. (Wake Forest University); Pathology
Dr. Rolf F. Barth

- Vikki Faith Howard**, Rupert, ID; B.S. (University of Idaho); M.S. (Utah State University); *Education*
Dr. *Marjorie E. Ward*
- Richard Arthur Hudson**, Tallahassee, FL; B.A. (Carson-Newman College); M.A.; *Education*
Dr. *William D. Dowling*
- Ruth Anne Humphry**, Los Altos Hills, CA; B.S. (San Jose State University); M.S. (Colorado State University); *Home Economics*
Dr. *Ellen I. Hock*
- Chang Soo Hur**, Seoul, Korea; B.B.A. (Seoul National University); *Business Administration*
Dr. *Stephen A. Buser*
- Shyh-Yue Hwang**, Hsin-Chu, Taiwan, R.O.C.; B.S. (National Taiwan University); M.S.; *Chemical Engineering*
Dr. *Liang-Shih Fan*
- Michael A. Ivie**, Salida, CA; B.S. (University of California-Davis); M.S.; *Entomology*
Dr. *Charles A. Triplehorn*
- Masayuki Iwasaki**, Tatebayashi, Gunma, Japan; B.S. (Waseda University); M.S.; *Physics*
Dr. *Bernard Mulligan*
- Mark Harvard Johnson**, San Diego, CA; B.A. (University of San Diego); M.A.; *Psychology*
Dr. *Peter A. Magaro*
- Patrick Ray Johnson**, Seattle, WA; B.A. (University of San Diego); M.A.; *Psychology*
Dr. *Beverly E. Thorn*
- Craig Leslie Joseph**, North Canton, B.S.; M.S.; *Astronomy*
Dr. *George W. Collins*
- Martin Louis Kaps**, Wooster, B.S. (Ohio University); M.S.; *Horticulture*
Dr. *Garth A. Cahoon*
- William Joseph Kent, Jr.**, Yellow Springs; B.S. (Spring Hill College); M.S.; *Electrical Engineering*
Dr. *Benedikt A. Munk*
- Bahman Khosravi-Sichani**, Abadan, Iran; B.Sc. (Aryamehr University of Technology); M.S.; *Electrical Engineering*
Dr. *Hooshang Hemami*
- James Dennis Kiper**, Mt. Vernon; B.A. (Olivet Nazarene College); M.S., M.S.; *Computer and Information Science*
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Dr. *Leo A. Paquette*
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Dr. *Robert A. Driskill*
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Dr. *W. Bruce Walsh*
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Dr. *Sunder H. Advani*
Dr. *June K. Lee*
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Dr. *Donald R. Haurin*
- Susan Stewart Lehr**, Canal Winchester; B.A. (Concordia Teacher's College); M.A. (Saint Louis University); *Education*
Dr. *Sharon E. Fox*
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Dr. *Michael E. Mangino*
- Charles Tung-Tai Lin**, Columbus; B.Ed. (National Normal University); M.A. (National Chen-chi University); M.A. (Michigan State University); *Communication*
Dr. *John W. Dimmick*
- Joseph Ralph Litko**, Posen, IL; B.S. (Illinois Institute of Technology); M.S. (Air Force Institute of Technology); *Industrial and Systems Engineering*
Dr. *Walter C. Giffin*
- Paul Frank Maxson**, Delano, CA; B.S. (California Polytechnic State University at San Luis Obispo); M.S.; *Animal Science*
Dr. *Donald C. Mahan*
- Wanda Tignor May**, Nashville, TN; B.A. (University of Tennessee-Nashville); M.A. (University of Northern Colorado); *Education*
Dr. *Gail McCutcheon*
- Brian Lawrence Maze**, Columbus; B.S.; M.A.; *Anthropology*
Dr. *Erika Bourguignon*
- Mary Cathy Maze**, Columbus; B.S. (University of Tennessee at Martin); M.A.; *Anthropology*
Dr. *Frank E. Poirier*
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Dr. *Don M. Dell*
- Thomas Hilton McGloshen, Jr.**, Dublin; B.A. (Centre College of Kentucky); M. Div. (McCormick Theological Seminary); M.A. (Western Kentucky University); *Home Economics*
Dr. *Shirley L. O'Bryant*
- Walter Lee McKnight**, Salt Lake City, UT; B.S., M.S. (University of Utah); *Computer and Information Science*
Dr. *Jayashree Ramanathan*
- Michael Preston Merilan**, Columbia, MO; B.S., M.S. (University of Missouri-Columbia); *Astronomy*
Dr. *Eugene R. Capriotti*
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- Steven Bruce Michael**, Mt. Vernon; B.A. (Mount Vernon Nazarene College); M.A.; *History*
Dr. *Harry L. Coles*
- Self Eldin Ahmed Mohamed**, Khartoum, Sudan; B.V.Sc. (University of Khartoum); M.S. (University of Wisconsin); *Veterinary Preventive Medicine*
Dr. *John P. Donahoe*, Dr. *Erwin M. Kohler*
- Margaret Morrell Morgan**, Conway, AR; B.A., M.A.; *English*
Dr. *James L. Battersby*
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Dr. *Aharon A. Ksienski*
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Dr. *Gilbert A. Jarvis*
- Jed Anthony Myers**, Monroeville; B.S. (Heidelberg College); M.S.; *Agronomy*
Dr. *Jerry M. Bigham*
- Mary Jo Myers**, Reynoldsburg; B.A. (Thomas More College); M.A. (Xavier University); *Education*
Dr. *Donald R. Bateman*
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Dr. *Koichiro Harada*
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Dr. *Fred L. Damarin*
- Kathleen Marshall Pederson**, Orange City, IA; B.S. (Northwestern College); M.A. (University of Iowa); *Education*
Dr. *Gilbert A. Jarvis*
- James Ronald Phillips**, Fulton, MS; B.S.; M.Ed. (Mississippi State University); *Education*
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- Leonard Richard Piotrowski**, Cleveland; B.A., M.A.; *Anthropology*
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- Carol Ely Plimpton**, Lake Placid, NY; B.S. (Russell Sage College); M.Ed. (The Pennsylvania State University); *Health, Physical Education and Recreation*
Dr. *Jacqueline Herkowitz*
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Dr. *Harry K. Tayama*
- Sharon Yvette Pruitt**, Shaker Heights; B.S. (Case Western Reserve University); M.A. (Howard University); *History of Art*
Dr. *E. Okechukwu Odita*
- Tania Ramalho**, Rio de Janeiro, Brazil; B.S. (Universidade de Do Estado Da Guanabara); *Education*
Dr. *Richard N. Pratte*

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Dr. Paul R. Henderlong

Barbara Jane Reardon, Columbus; B.S.W. (Capital University); M.S.; *Home Economics*
Dr. Barbara M. Newman

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Richard Lee Rubenfeld, New York, NY; B.A. (Hofstra University); M.A.; *History of Art*
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Kenneth E. Sale, Columbus; B.S.; *Physics*
Dr. Timothy R. Donoghue

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Dr. Lloyd A. Hornods

Jacqueline Frost Savino, Portville, NY; B.S. (Cornell University); M.S.; *Zoology*
Dr. Roy A. Stein

Nancy Schaab, Coraopolis, PA; B.S. (University of Pittsburgh); M.A.; *Psychology*
Dr. Milton D. Hakel

James Gregory Schroth, Traverse City, MI; B.S.E. (The University of Michigan); M.S.; *Metallurgical Engineering*
Dr. John P. Hirth

Richard M. Sells, Westerville, BA. (Denison University); M.S. (Ohio University); *Health, Physical Education and Recreation*
Dr. Charles L. Mand

Asok Kumar Sen, Calcutta, West Bengal, India; B.Sc. (Maulara Azad College); M.Sc. (Jadavpur University); M.S.; *Physics*
Dr. Charles A. Ebner

Susan Servidio, Gainesville, FL; B.A., M.A. (Florida Atlantic University); *Psychology*
Dr. Gary G. Bernson

Sally Joyce Sherman, Columbus; B.A. (Centre College of Kentucky); M.Ed. (Xavier University); *Education*
Dr. Keth A. Hall

Faegheh Shirazi-Mahajan, Richardson, TX; B.A. (University of Houston); M.S. (Kansas State University); *Home Economics*
Dr. Lois E. Dickey

George W. Sinks, Washington, DC; B.A. (Yale University); M.A. (King's College, London University); *History*
Dr. Allan R. Millett

Thomas Halle Sinks, Jr., Shaker Heights; B.S. (Ulane University); M.S.; *Preventive Medicine*
Dr. Martin D. Keller

Charles Anthony Smith, Parkersburg, WV; B.S. (Wheeling College); *Chemistry*
Dr. R. J. Laub

David Alan Smith, New Concord; B.A. (Muskingum College); M.A.; *Psychology*
Dr. Gerald A. Winer

Marian Stansbury, Asheville; B.A., M.S.; *Home Economics*
Dr. Patrick C. McKerry

Donald Laird Stratton, Columbus; B.S. (Franklin University); M.A. (Central Michigan University); *Education*
Dr. Luvern L. Cunningham

Gary Marshall Thomhill, Saginaw, MI; B.A. (Albion University); M.S. (Eastern Illinois University); *Zoology*
Dr. Lincoln Fairchild, Dr. Roy A. Stein

Carol Monroe Traeger, Columbus; B.A. (Capital University); M.S.W.; *Psychology*
Dr. John C. Gibbs

Praveen Tyle, New Delhi, India; B.Pharmacy (Institute of Technology, Banaras Hindu University); *Pharmacy*
Dr. Sylvan G. Frank

Petrus Wilhelmus Van Der Poel, Noorowijkherout, Netherlands; B.A., Doctoral (University of Amsterdam); M.S.; *Agricultural Engineering*
Dr. Glenn O. Schwab

Samuel Poulton Wallace, Dayton; B.A., M.A.; *Communication*
Dr. Donald J. Cegala

Christopher Frederick Wanner, Columbus; B.S.Ed., M.A.; *Education*
Dr. William D. Urnstadd

Barton J. Wechsler, Tallahassee, FL; B.A. (Antioch College); M.S. (Wright State University); *Public Administration*
Dr. Robert W. Backoff

Meryl S. Weismann, Haifa, Israel; B.A. (Barnard College); M.S. (Columbia University); *Social Work*
Dr. Keith M. Killy

Loretta Ashley Wilks, Lorain; B.A. (Oberlin College); M.A.; *Psychology*
Dr. Gerald A. Winer

Paul Edward Wiedeman, Kent; B.S. (Butler University); *Chemistry*
Dr. Leo A. Paquette

Stephen Ray Witt, Washington Court House; B.S. (University of Miami); M.D. (Medical College of Ohio); *Pharmacology*
Dr. Daniel Couri

Chalyong Wongchaisuwat, Bangkok, Thailand; B.S. (Kasetsart University); M.S. (Chulalongkorn University); M.S.; *Electrical Engineering*
Dr. Hooshang Hemami

William Joseph Woods, Columbus; B.A. (Niagara University); M.A.; *Psychology*
Dr. W. Bruce Walsh

Nancy Woodson, Columbus; B.A. (University of Michigan); M.Ed. (North Adams State College); *Education*
Dr. Donald R. Bateman

Susan Lee Zavotka, Pataskala; B.S.H.E., M.S.; *Education*
Dr. John C. Beland

Master of Applied Statistics

Theodore Owen Berner, Traer, IA; B.A. (University of Northern Iowa); M.S.; *Statistics*

Gordon Paul Keeler, Warren; B.S.; *Statistics*

Beth Ann Lapham, Clare, MI; B.S. (Central Michigan University); *Statistics*

Larry Lee Leshar, Denver, PA; B.S. (Elizabethtown College); *Statistics*

Amy Jo Luginbuhl, Alliance; B.A., M.S. (Ohio University); *Statistics*

John Joseph Osowald, Chicago, IL; B.A. (DePaul University); *Statistics*

Teresa Ann Tykodi, Pataskala; B.S. (Bowling Green State University); *Statistics*

Steven Paul Wynn, Fairfield; B.S. (Marquette University); *Statistics*

Master of Architecture

Jody Croley Bennett, Worthington; B.S.Bus.Adm.; *Architecture*

Hong-Kyu Kim, Seoul, Korea; B.S. (Yonsei University); *Architecture*

Pil-Hoon Lee, Seoul, Korea; B.S., M.A. (Yonsei University); *Architecture*

Kyung-Kook Paik, Jung Gu, Seoul, Korea; B.S. (Han Yang University); *Architecture*

David Anthony Rinaldi, Columbus; B.S.Arch.; *Architecture*

Lawrence Oliver Wright, Owensboro, KY; B.S.Arch.; *Architecture*

Master of Arts

Bruce Allen Adams, Defiance; B.A. (Bowling Green State University); *Public Administration*

Christopher G. Adams, Springfield; B.S. (Wittenberg University); *Health, Physical Education and Recreation*

William Eric Aikens, Youngstown; B.A. (Youngstown State University); *Dance*

Robert Layton Allen, Gahanna; B.A. (Cedarville College); *Education*

Gloria Alvarez, Circleville; B.S. (Georgetown University); *Linguistics*

Rita Frances Amer, Akron; B.A. (University of Akron); *Dance*

Carolyn Jean Arney, Rochester, NY; B.A. (University of Dayton); *Education*

- Marilyn Jane Amey**, Rochester, NY; B.A. (Wittenberg University); *Education*
- Carol Margaret Anderson**, Alexandria, VA; B.F.A. (Florida State University); *Dance*
- Elizabeth Carole Anderson**, Guadalajara, Jalisco, Mexico; B.A.; *Education*
- William C. Andrews**, Cambridge; B.S.Ed.; *Health, Physical Education and Recreation*
- Judith L. Auskings**, Mt. Vernon; B.A. (Kent State University); *Education*
- Linda Anne Badzloch**, Modesto, CA; B.A. (California State University at Stanislaus); *Education*
- Pud D.S. Baird**, Athens; B.A. (Youngstown State University); M.A. (Asbury Theological Seminary); *Public Administration*
- Denise Hooper Baker**, Findlay; B.S.Ed.; *Education*
- Patti Rudin Baker**, Mt. Vernon; B.A. (Mount Vernon Nazarene College); *Education*
- Margo Ann Baldwin**, Columbus; B.A. (Otterbein College); *Psychology*
- Diego Ignacio Ballivian**, La Paz, Bolivia; B.A. (Denison University); *Romance Languages and Literatures*
- Marisa Barrio**, St. Louis, MO; B.A. (Saint Louis University); *Romance Languages and Literatures*
- Lori J. Bartha**, Columbus; B.S.; *Public Administration*
- Joan A. Batchelder**, Gambier; B.A. (Ohio Wesleyan University); *Education*
- Dawn A. Beamish**, Westerville; B.S. (University of Akron); *Education*
- Betty Capocchia Belcaak**, Columbus; B.S.; *Education*
- Linda Jeanne Beverly**, Brecksville; B.S.; *Art Education*
- Clay Mallory Bogart**, Columbus; B.A. (University of Delaware); *Journalism*
- Paul Weirich Bonner**, Columbus; B.S.Pharm.; *Slavic Languages and Literatures*
- Melinda Lee Boring**, Columbus; B.S.Ed. (Miami University); *Speech and Hearing Science*
- Germanne Elizabeth Boswell**, Columbus; B.A. (Russell Sage College); M.A.; *Health, Physical Education and Recreation*
- Larry Anthony Bowman**, Greensboro, NC; B.A. (North Carolina A&T State University); *Political Science*
- Susan Voges Brammer**, Cincinnati; B.S.N.; *Health, Physical Education and Recreation*
- Mary Lewis Brown**, Dublin; B.A.; *English*
- Jane Ann Brucker**, Mt. Gilead; B.S. (Ohio University); *Education*
- Joseph Orwin Bull**, Marion; B.S.Bus.Adm.; *Health, Physical Education and Recreation*
- Sherilyn Powell Burnett**, Corsicana, TX; B.A.; *Speech and Hearing Science*
- Susan Elaine Calovini**, Glencoe; B.S.J. (Ohio University); *English*
- Sheila D. Cantlebury**, Columbus; B.S.Ed.; *Education*
- Colette Denise Cardinet**, Davis, CA; B.A. (California State University at Chico); *Education*
- Annette S. Cary**, Columbus; B.A.; *Education*
- Cynthia Jack Caserta**, Columbus; B.A.Jour.; *Education*
- Beth Ellen Cecil**, Warren; B.S. (Miami University); *Health, Physical Education and Recreation*
- Daphne Dodson Chaneska**, Massillon; B.A.; *Education*
- Chau-Shong Chen**, Tainan, Taiwan, R.O.C.; B.A. (Taiwan Normal University); *Health, Physical Education and Recreation*
- Wen-Yin Chen**, Yung-Ho, Taiwan, R.O.C.; B.S. (Tatung Institute of Technology); *Industrial Design*
- Susan Borders Cherry**, Columbus; B.S.Agr.; *Education*
- Marc Alan Chesser**, Grove City; B.A. (Capital University); *Education*
- John Young Chin**, Columbus; B.A. (Valparaiso University); *Public Administration*
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- Stephen Harrison**, Pittsburgh; PA; B.S. (University of Pittsburgh); *Business Administration*
- Charles Davies Hauser**, Columbus; B.A. (Denison University); *Business Administration*
- David Kent Helber**, Columbus; B.S.Nat.Res.; *Business Administration*
- Kent Vaughn Hollinger**, Columbus; B.S. (The Pennsylvania State University); *Business Administration*
- Michael Ray Houp**, Troy; B.S. (Western Kentucky University); *Business Administration*
- John Kevin Imboden**, Westerville; B.S.; *Business Administration*
- Dudley Ross Irvin**, Columbus; B.A. (Kenyon College); *Business Administration*
- Paul Andrew Jarasek**, Mequon, WI; B.S.Ch.E.; *Business Administration*
- Jack Gary Jeffries**, Columbus; B.B.A. (University of Wisconsin-Madison); *Business Administration*
- William D. Kelp**, Toledo; B.B.A. (University of Toledo); *Business Administration*
- Stephen K. Kilpatrick**, Newark; B.A.Bus.Ad.; *Business Administration*
- Robert Alan Kington**, Columbus; B.S.Bus.Ad.; *Business Administration*
- Douglas Hartley Klamfoth**, Columbus; B.A. (Capital University); *Business Administration*
- Helen Theresa Kolman**, Youngstown; B.S.Af.d.Hth.Prof.; *Business Administration*
- Mark Alan Koschny**, Worthington; B.S.Bus.Ad.; *Business Administration*
- Elizabeth Levy Krause**, Powell; B.S.Bus.Ad. (University of North Carolina); *Business Administration*
- Thomas Andrew Lakocy**, Elyria; B.S.B.A. (Miami University); *Business Administration*
- Bruce Gary LaLonde**, Portsmouth, VA; B.S. (University of Tennessee); M.S. (George Washington University); *Business Administration*
- Brent Ashley Lamblotte**, Heath; B.A. (Fairmont State College); *Business Administration*
- Mark Alan Leatherwood**, Ashville; B.S. (United States Naval Academy); *Business Administration*
- Robert Stephen Leeson**, Springfield, MO; B.A. (Central Methodist University); *Business Administration*
- Amy Yip Li**, Honolulu, HI; B.S.L.A. (Georgetown University); *Business Administration*
- Daniel E. Lorenz**, Columbus; B.S. (University of Cincinnati); *Business Administration*
- Daryl Ray Lotz**, Virginia Beach, VA; B.S. (Clarion State College); *Business Administration*
- Nicolette Rae Lowe**, Columbus; B.S. (Miami University); *Business Administration*
- Eric Paul Lundbohm**, Columbus; B.S. (University of Rhode Island); *Business Administration*
- Frank Donald Maidl**, Scotland, CT; B.S.Bus.Ad.; *Business Administration*
- Howard Mandel**, Brooklyn, NY; B.B.A. (Pace University); *Business Administration*
- Deepak Shyam Masand**, Bombay, Maharashtra, India; B.Comm. (University of Bombay); *Business Administration*
- Craig William Maynard**, Columbus; B.S. (University of Maryland); *Business Administration*
- Anthony Eugene Miller**, Pataskala; B.A., (Denison University); J.D.; *Business Administration*
- Neal LeMoyné Miller**, Columbus; B.S.M.E.; *Business Administration*
- Suzanne Monett Maughan**, Columbus; B.S.Bus.Ad.; *Business Administration*
- Jeffrey William Montle**, Cleveland; B.A. (Cedarville College); *Business Administration*
- John Alfred Nachtigall**, Berea; B.S., B.A.; *Business Administration*
- James Kenneth O'Grady**, Columbus; A.O.C.A. (Ontario College of Art); B.A. (University of Guelph); M.A. (Royal College of Art); *Business Administration*
- Toby Kay Pettigrew**, Springfield; B.S.Bus.Ad.; *Business Administration*
- John C. Phipps**, McLeansboro, IL; B.S.B.A. (Franklin University); *Business Administration*
- Kathleen Lynne Popp**, Columbus; B.S. (Miami University); *Business Administration*
- Scott George Reed**, Columbus; B.A. (Allegheny College); *Business Administration*
- Bradley Allen Reichter**, North Andover, MA; B.A. (Otterbein College); *Business Administration*
- Robert B. Schaefer**, Columbus; B.A. (Arizona State University); *Business Administration*
- Edward Christopher Schmidt**, Columbus; B.S.; *Business Administration*
- Mary Shanahan**, Columbus; B.S.; *Business Administration*
- Brian Ward Sholly**, Columbus; B.S. (Grace College); *Business Administration*
- Deborah Ellen Skaggs**, Columbus; B.S. (Ohio University); *Business Administration*
- David Elzem Skomorowski**, Detroit, MI; B.S. (Wayne State University); *Business Administration*
- Matthew Gordon Smith**, Norwalk; B.S. (Bowling Green State University); *Business Administration*
- Peter Wittington Snell**, Natick, MA; B.S. (Cornell University); *Business Administration*
- Randolph S. Snyder**, Lexington; B.S.Bus.Ad.; *Business Administration*
- Gary Thomas Sommerville**, Columbus; B.S. (University of Michigan); M.S. (Central Michigan University); *Business Administration*
- Richard Arthur Spley**, Sylvania; B.A. (University of Toledo); *Business Administration*
- William Duane Spohn**, Chandler, AZ; B.S.I.M., B.B.A. (University of Cincinnati); *Business Administration*
- Karen Ann St. John**, Hamtramck, MI; B.S. (University of Michigan); M.E.M. (Duke University); *Business Administration*
- Charles Howard Stamey, Jr.**, Columbus; B.A. (Mount Vernon Nazarene College); *Business Administration*

David Craig Stimmel, Urbana, B.S. (Miami University); *Business Administration*

Eun Sook Suh, Pusan, Korea; B.A. (Ewha Woman's University); *Business Administration*

Ling-Yin Sung, Taipei, Taiwan, R.O.C.; B.A. (National Taiwan University); *Business Administration*

Jeanne Marie Suplica, Toledo; B.E. (University of Toledo); *Business Administration*

Charles David Terrett, Erie, PA; B.S. (Ohio Northern University); *Business Administration*

John Frederick Thomas, Chillicothe; B.S.; *Business Administration*

Robert Bryant Thomas, Euclid; B.S.C.I.S.; *Business Administration*

Patrick Allan Thomson, Eldorado, IL; B.S. (Southern Illinois University); *Business Administration*

Haw-Po Ueng, Taipei, Taiwan, R.O.C.; B.A. (National Taiwan University); *Business Administration*

Edward Althed Vos, Jr., Westerville; B.S. (University of Wisconsin); *Business Administration*

Larry Duke Walden, Coshocton; B.A. (Western Kentucky University); *Business Administration*

Leland Kenneth Wells, Columbus; B.S.; *Business Administration*

Deborah Anne Whiston, Columbus; B.S.Bus.Adm.; *Business Administration*

Lynn Ann Wilkins, Toledo; B.B.A. (University of Toledo); *Business Administration*

Brian L. Wolfe, Dublin; B.S. (Portland State University); *Business Administration*

Michael A. Woytowich, Indian Mills, NJ; B.S. (Drexel University); *Business Administration*

Craig Ernest Young, Columbus; B.A.; *Business Administration*

Joseph Feng-Shing Yu, Westerville; B.S. (University of Nebraska); M.S., Ph.D. (University of Missouri); *Business Administration*

Charlene Ann Zagarinsky, Indianapolis, IN; B.S.Bus.Adm.; *Business Administration*

Master of City and Regional Planning

Thanos N. Archakdis, Dublin; B.S.I.S.E.; *City and Regional Planning*

Craig Douglas Bloom, Columbus; B.A. (Miami University); *City and Regional Planning*

Douglas Richard Glover, Pittsburgh, PA; B.S. (The Pennsylvania State University); *City and Regional Planning*

Jeffrey Allan Goulet, Mason; B.A.; *City and Regional Planning*

Joseph Leo Haddock, Skillman, NJ; B.A. (Ohio Wesleyan University); *City and Regional Planning*

William Allen Henderson, Dayton; B.A.; *City and Regional Planning*

Tamzin Louise Kelley, Akron; B.A. (The University of Akron); *City and Regional Planning*

John David Kircher, Columbus; B.A. (Ohio University); *City and Regional Planning*

Kevin James O'Neill, Evanston, IL; B.A. (University of Vermont); *City and Regional Planning*

Myron Keith Phillips, Vandalia; B.A. (Miami University); *City and Regional Planning*

Adam Jed Prager, Rockville, MD; B.S. (University of Delaware); *City and Regional Planning*

Jennifer Helene Scott, Milwaukee, WI; B.A. (Valparaiso University); *City and Regional Planning*

Todd Alan Singer, Columbus; B.S.; *City and Regional Planning*

Howard Dennis Trolman, Toronto, Ontario, Canada; B.A. (York University); *City and Regional Planning*

Alan James Zicarelli, Henrietta, NY; B.S.P. (East Carolina University); *City and Regional Planning*

Master of Fine Arts

Richard Walter Borg, Columbus; B.F.A.; *Art*

Werner H. H. Brause, Columbus; B.A., (University of South Alabama); B.F.A.; *Art*

John Douglas Drury, Dayton; A.A.S. (Sinclair Community College); B.F.A. (Columbus College of Art & Design); *Art*

Michel Gamundl, Cleveland; B.F.A. (The Cleveland Institute of Art); *Art*

Robert George Johnson, Pittsburgh, PA; B.A. (Westminster College); *Theatre*

Robert William Johnson, Milan; B.A. (Bowling Green State University); M.A. (West Virginia University); *Theatre*

David Lee McClure, Winter Park, FL; B.A. (Rollins College); *Theatre*

Robert Stephen Nance, Raleigh, NC; B.A. (North Carolina School of the Arts); *Theatre*

Pamela Ann Venz, Birmingham, AL; B.A. (University of Alabama in Birmingham); *Art*

Martin O. Wilgohs, Dawson, MN; B.A. (University of Minnesota at Morris); M.A. (Northern Illinois University); *Art*

Master of Health Administration

Thomas Walter Carabin, Jr., Norwalk; B.S. (Bowling Green State University); *Hospital and Health Services Administration*

Wm-Jean Cheng, Taiwan, R.O.C.; B.A. (National Chung-Hsing University); *Hospital and Health Services Administration*

Suzanne Eileen Cox, Rocky River; B.A. (Stephens College); *Hospital and Health Services Administration*

Lynn VanGleson England, Westerville; B.S.N. (University of the State of New York); B.A. (Otterbein College); *Hospital and Health Services Administration*

Donald Allen Glozer, Youngstown; B.S.Bus.Adm. (Youngstown State University); *Hospital and Health Services Administration*

Valerie Karen Green, Warrensville Heights; B.S.; *Hospital and Health Services Administration*

Lynne Cliforce Houdt, Coudersport, PA; B.S. (The Pennsylvania State University); *Hospital and Health Services Administration*

Christy Fowler Kinzelman, Barnesville; B.S.H.E.; *Hospital and Health Services Administration*

Audrey Powers Lettario, Buffalo, NY; B.S. (Allegheny College); *Hospital and Health Services Administration*

Angela Kay Lowder, Kent; B.A. (University of Rochester); *Hospital and Health Services Administration*

Joyce Ann Lucas, Newark; B.S.Bus.Adm.; *Hospital and Health Services Administration*

Shelley Jill Malkin, Pepper Pike; B.A.; *Hospital and Health Services Administration*

Debra Rexrode Mann, Vienna, WV; B.S. (West Virginia University); *Hospital and Health Services Administration*

Robert Michael Nagy, Warren; B.S. (Bowling Green State University); *Hospital and Health Services Administration*

Gina Marie Nelson, Hubbard; B.A.; *Hospital and Health Services Administration*

Susan Mego Peterson, Columbus; B.A. (University of Akron); *Hospital and Health Services Administration*

Bernard Douglas Presutti, Erie, PA; B.S.B.A. (Gannon University); *Hospital and Health Services Administration*

Eric Richard Radtke, Twinsburg; B.Bus.Adm. (Ohio University); *Hospital and Health Services Administration*

Steven Robert Reeser, Columbus; B.S.Ed.; *Hospital and Health Services Administration*

Debra Elaine Schell, Yarmouth Port, MA; B.A. (The College of Wooster); *Hospital and Health Services Administration*

Michael Allen Slusher, Trenton; B.A.; *Hospital and Health Services Administration*

Howard David Sniderman, Columbus; B.S.Bus.Admin. (Franklin University); *Hospital and Health Services Administration*

Daniel Wesley Strauch, Wooster; B.A. [The College of Wooster]; *Hospital and Health Services Administration*

Cynthia Anne Ventresca, Akron; B.S.; *Hospital and Health Services Administration*

Master of Labor and Human Resources

Robert Michael Bauer, Charlotte, MI; B.A. (Michigan State University); *Labor and Human Resources*

George T. Dalton, Columbus; B.S.; M.S. (Xavier University); *Labor and Human Resources*

Charles Robert Herblík, Bedford Heights; B.A. (John Carroll University); *Labor and Human Resources*

Celeste Jane Johnson, Columbus; B.A. (Wheaton College); *Labor and Human Resources*

Rebecca Ellen Mahaffee, Columbus; A.A., (Glendale Community College); B.S.; *Labor and Human Resources*

Eliana Grimaldi de Martín, Valencia, Carabobo, Venezuela; Chemical Engineer (Universidad Central de Venezuela); *Labor and Human Resources*

Brigitte Orsbom, Columbus; B.S.H.E.; *Labor and Human Resources*

Beverly Marie Rozsa, Smithfield; B.S.Bus.Ad.; *Labor and Human Resources*

Matilda Woods, Coshocton; B.S.Soc.Wel.; *Labor and Human Resources*

Master of Landscape Architecture

Bruce Herbert Boyesen, Sioux City, IA; B.S. (Iowa State University); *Landscape Architecture*

Thomas Loyd Jewell, Orinda, CA; B.S.Land.Arch. (California Polytechnic State University, San Luis Obispo); *Landscape Architecture*

Master of Liberal Studies

Anais Arias Farach, Westerville; B.S. (Louisiana State University); *Liberal Studies*

Master of Music

Tamara Kay Andreas, Newton, KS; B.A. (Bethany College); *Music*

Robin Lee Bargar, Delaware; B.Mus.; *Music*

Charles Reginald Gates, Lafayette, LA; B.Mus.Ed. (Louisiana State University); *Music*

John Edward Hill, Mt. Vernon; B.M.E. (Otterbein College); *Music*

Timothy Alan Huffman, Piqua; B.M. (Heidelberg College); *Music*

Todd Franklin Phillips, Greenfield; B.Mus.Ed. (Miami University); *Music*

Master of Public Administration

Michael John Altenau, Cincinnati; B.A. (Xavier University); *Public Administration*

John Bosco Bahonik, Detroit, MI; B.P.A. (Wayne State University); *Public Administration*

Aaron Matthew Basinger, Columbus Grove; B.S.; *Public Administration*

Marvin Eugene Bonner, Leslie, WV; B.A. (West Virginia State College); *Public Administration*

David Joseph Bush, Westborough, MA; B.S. (University of Massachusetts); *Public Administration*

Catherine Lynne Christian, Chillicothe; B.A. (Ohio University); *Public Administration*

Cassandra Daniels, Greenville, NC; B.S. (Saint Augustine's College); *Public Administration*

David Michael Dillahunt, Findlay; B.A. (University of Toledo); *Public Administration*

Mital Ghatak, Patna, Bihar, India; B.A., M.A. (Patna University); *Public Administration*

Suzanna Dawn Gussler, Columbus; B.A.; *Public Administration*

Joseph F. Hook, Crestline; B.S.Bus.Ad.; *Public Administration*

David John Jones, Milpitas, CA; B.S. (Howard University); *Public Administration*

Jae Bang Koh, Seoul, South Korea; B.A. (Seoul National University); *Public Administration*

Patricia Evelyn Kunler, Columbus; B.S.Ed.; *Public Administration*

Anna Marie Lalonde, South Amherst; B.A.; *Public Administration*

Kweon Sang Lee, Seoul, Korea; B.A. (Korea University); *Public Administration*

James Arthur Miehs, Toledo; B.A. (Miami University); *Public Administration*

Antoinette Phyllis Pallotta, Youngstown; B.S.Bus.Adm. (Youngstown State University); *Public Administration*

Merri Dawn Palmer, Buffalo, NY; B.A. (State University of New York at Geneseo); *Public Administration*

Robert Charles Petrulis, Parma; B.A. (Case Western Reserve University); *Public Administration*

Stephen P. Plouck, Bryan; B.S.Soc.Wel.; *Public Administration*

Rosanne Nora Randazzo, Williamsville, NY; B.A. (Canisius College); *Public Administration*

Beverly Marie Rozsa, Smithfield; B.S.Bus.Ad.; *Public Administration*

Julianne Ryan, Springfield; B.A. (Miami University); *Public Administration*

Laura Katherine Schlier, Kinston, NC; B.S.Nat.Res.; *Public Administration*

Joan Mary Sevens, Slidell, LA; B.A.; *Public Administration*

Ernest Francis Sylvester, Olmsted Falls; B.A. (Muskingum College); *Public Administration*

Delois Wesson, Blackridge, VA; B.A. (Saint Paul's College); *Public Administration*

Patricia Marie Wolder, Flushing, NY; B.A.; *Public Administration*

Byung-Uk Yu, Seoul, Korea; B.A., M.P.A. (Yonsei University); *Public Administration*

Master of Science

Bilient Abak, Ankara, Turkey; B.S. (Middle East Technical University); *Electrical Engineering*

Simon Michel Abu Younes, Beirut, Lebanon; B.S.C.E.; *Civil Engineering*

William Keith Adams, Columbus; B.S.M.E.; *Mechanical Engineering*

Ayse Firdevs Adiguzel, Ankara, Turkey; B.S. (Middle East Technical University); *Mathematics*

Donald Lawrence Agresta, Columbus; B.S.E.P.; *Physics*

Thomas Lee Ahman, Ottawa; B.A., D.D.S.; *Dentistry*

Rajiv Ahuja, Meerut, Uttar Pradesh, India; B.Tech. (Indian Institute of Technology, Kanpur, India); *Metallurgical Engineering*

Jody Lynn Alders, Youngstown; B.S.E.E.; *Electrical Engineering*

Robert Alan Allison, Coraopolis, PA; Mus.B., (Youngstown State University); M.Mus.; *Computer and Information Science*

Joseph Anthony Altobelli, Grand Rapids, MN; B.A. (Saint Cloud State University); *Computer and Information Science*

Babak Assal Ardekani, Tehran, Iran; B.S.E.E. (Texas Tech University); *Electrical Engineering*

Ron Jay Aschenbach, Klamath Falls, OR; B.S.C.E. (Oregon Institute of Technology); *Geodetic Science*

Homayoun Heydari Balchizari, Tehran, Markazi, Iran; B.S. (California State University at Fresno); *Electrical Engineering*

Robert Stanley Balcerzak, Cleveland; B.S.Pharm.; *Computer and Information Science*

Karen Lynn Ballou, Grove City; B.S.; *Home Economics*

Moustafa Ahmed Baraka, Cairo, Egypt; B.Ce., M.Sc. (Cairo University); *Geodetic Science*

Nell Brian Baughman, Westerville; B.S.E.E. (Purdue University); *Electrical Engineering*

- Gary M. Baum, Los Angeles, CA; B.A. [California State University at Northridge]; D.D.S. [University of Southern California]; *Dentistry*
- Anita Rosalie Bigler, Columbus; B.A. [Aurora College]; *Computer and Information Science*
- Bruce Eric Blaho, Columbus; B.S.E.E.; *Electrical Engineering*
- Ben Arthur Blake, Dalton; B.A. [Wittenberg University]; *Computer and Information Science*
- Timothy August Bodnar, Akron; B.S.E.E.; *Bio-Medical Engineering*
- Barbara Boesel, Columbus; B.S.; *Animal Science*
- Stephen James Bolin, Peekskill, NY; B.S.M.E. [Manhattan College]; *Mechanical Engineering*
- Elizabeth Jane Brobeck, Columbus; B.S.A.I.d.Hith.Prof.; *Allied Medical Professions*
- Gerald Edward Brust, Munroe Falls; B.S.Agr.; *Entomology*
- George Richard Carter, Portsmouth; B.S. [Ohio University]; *Zoology*
- Soon-Man Cha, Namku, Busan, Korea; B.S. [Hanyang University]; *Chemical Engineering*
- Jennifer Megan Chambers, Houston, TX; B.A. [Trinity University]; *Geology and Mineralogy*
- Hsuan Chang, Taipei, Taiwan, R.O.C.; B.Ch.E. [National Taiwan University]; *Chemical Engineering*
- Sara Fox Chapman, Cleveland; B.S.; *Poultry Science*
- Li-Chun Chen, Taipei, Taiwan, R.O.C.; B.Pharm. [China Medical College]; M.S. [National Taiwan University]; *Chemistry*
- Yi-Shaw Ricky Chen, Columbus; B.S.C.E. [National Chung-Hsing University]; M.S.; *Computer and Information Science*
- Shu-Wu Chiu, Taiwan, R.O.C.; B.S. [Cheng Kung University]; *Chemical Engineering*
- Byung-Rae Cho, Seoul, Korea; B.S. [Kyung Hee University]; *Industrial and Systems Engineering*
- Jaichal Chuenwanin, Bangkok, Thailand; B.S.M.E. [Chulalongkorn University]; *Welding Engineering*
- Hui-Huang A. Chyou, Panchiao, Taiwan, R.O.C.; Bachelor [National Cheng Kung University]; *Civil Engineering*
- Ronda Dianne Conner-Koski, Fort Wayne, IN; B.S. [Purdue University]; *Plant Pathology*
- Bret Allen Cooper, Columbus; B.S.; *Computer and Information Science*
- Carol A. Cooper, Columbus; B.S.Ed.; *Natural Resources*
- Michael Edwin Costello, Columbus; B.S.; *Atmospheric Sciences*
- Steven Richard Cothrel, Metamora; B.S.; *Natural Resources*
- Susan Marie De Cerzo, Lima; B.S.Pharm. [Ohio Northern University]; *Pharmacy*
- Paul Westmoreland Dearn, Midland, TX; B.S., D.V.M. [Texas A&M University]; *Veterinary Clinical Sciences*
- Majid Delpassand, Tehran, Iran; B.S.M.E.; *Mechanical Engineering*
- Richard Francis Demers, Manchester, NH; B.S.Pharm. [Northeastern University]; *Pharmacy*
- Jane Marie Dietz, Kenton; B.S. [University of Dayton]; *Horticulture*
- Amy Sue Diller, Findlay; B.S.E.E.; *Bio-Medical Engineering*
- Trong Tran Do, Columbus; B.A., M.L.S. [State University of New York at Buffalo]; *Computer and Information Science*
- Daniel David Dull, St. Henry; B.S.; *Agronomy*
- Mary Denise Dylewski, Steubenville; B.S.; *Geology and Mineralogy*
- Marla Annette Enrlone, Cincinnati; B.S.E.E.; *Bio-Medical Engineering*
- William V. Falk, Upper Arlington; B.S. [Notre Dame University]; D.D.S. [Case Western Reserve University]; *Dentistry*
- Jyh-Dar Fan, Taipei, Taiwan, R.O.C.; B.S. [National Taiwan University]; *Chemical Engineering*
- Mary Therese Farley, Columbus; B.S. [University of Wisconsin at Madison]; *Pharmacy*
- Charles Van Meter Fink, Gambier; B.S. [Ohio University]; *Horticulture*
- Linda Jean Fithian, Youngstown; B.S. [Grove City College]; *Zoology*
- Lynn Michael Fogwell, Columbus; B.S. [Ohio University]; *Industrial and Systems Engineering*
- Joseph Earl Fondriest, Dover; B.S.E.P.; *Nuclear Engineering*
- Robert Bruce Francini, Columbus; B.S. [Miami University]; *Engineering Mechanics*
- Mark William Garner, Cincinnati; B.A. [Rice University]; *Mathematics*
- Kathryn Fergus Gates, Baton Rouge, LA; B.S. [Louisiana State University]; *Mathematics*
- Rebecca Anne Gentry, Columbus; B.S.Met.E.; *Welding Engineering*
- Nabil Youssef Gharout, Beirut, Lebanon; B.S.C.E.; *Civil Engineering*
- Daryl Thomas Gillette, Newark; B.S.; *Agricultural Economics and Rural Sociology*
- Darrell L. Gitz, Eaton; B.S.; *Veterinary Anatomy*
- Jacob Sean Glover, Columbus; B.S.E.E.; *Electrical Engineering*
- Maxim Jonathan Goldberg-Rugalev, Columbus; B.S.; *Mathematics*
- Karlis Vitauts Grinvalds, Albertson, NY; B.S.; *Geology and Mineralogy*
- Joseph Dale Groves, St. Clairsville; B.S.Agr.E.; *Agricultural Engineering*
- Christie Ann Growel, Sandusky; B.S.H.E.; *Home Economics*
- William Hadaya, Beirut, Lebanon; B.S.C.E.; *Civil Engineering*
- Scott Thomas Hagen, Redwood Falls, MN; *Physiological Optics*
- Lois Jean Hall, Columbus Grove; B.S. [Bowling Green State University]; *Preventive Medicine*
- Kathy Lee Hamilton, Westlake; B.S.Agr.; *Veterinary Pathobiology*
- Eileen Cecelia Hash, Kalkida; B.S.N.; *Nursing*
- Steven Edward Heckendorn, Wooster; B.A. [Wittenberg University]; *Agronomy*
- Wael Ali Hegazy, Alexandria, Alexandria, Egypt; B.S., M.S. [Alexandria University]; *Computer and Information Science*
- Stewart Allen Hinkley, Cambridge; B.S., D.D.S.; *Dentistry*
- Mark Stewart Hoffmann, Columbus; B.S.E. [University of Alabama in Huntsville]; *Industrial and Systems Engineering*
- Sandra Kay Hoffmann, Columbus; B.S.E. [University of Alabama in Huntsville]; *Electrical Engineering*
- Corinne Cay Howard, Columbus; B.S. [Butler University]; *Computer and Information Science*
- Jin-Hua Huang, Kaoshiung, Taiwan, R.O.C.; B.S. [National Taiwan Normal University]; M.S.; *Electrical Engineering*
- Jeffrey Colin Huber, Piqua; B.A. [Duke University]; D.D.S.; *Dentistry*
- Cheryl Pearlstone Jalbert, Granville; B.A. [Denison University]; *Computer and Information Science*
- Guann-Ih Ernest Jan, Taipei, Taiwan, R.O.C.; B.S. [Fu-Jen University]; *Welding Engineering*
- Dennis Lynn Johnson, Toledo; B.S. [University of Toledo]; D.D.S.; *Dentistry*
- Kristi Voss Johnston, Dublin; B.S.; *Allied Medical Professions*
- Gregory Hamilton Jones, Portsmouth; B.S.Cer.E.; *Ceramic Engineering*
- Merete Jordal, Høyanger, Norway; B.S.C.I.S.; *Computer and Information Science*
- Chan-Sul Jung, Seoul, Korea; B.S.Ch.E. [Hanyang University]; *Chemical Engineering*
- Elizabeth Miller Jurenovich, Columbus; B.S.N. [Carlow College]; *Nursing*
- Osama Ahmed Kamal, Cairo, Egypt; Bachelor [Ain Shams University]; *Civil Engineering*
- Andrew Scott Kane, Jackson Heights, NY; B.S. [Cornell University]; *Natural Resources*
- Hyung-Hoi Koo, Suweon, Kyunggi, Korea; B.S. [Seoul National University]; *Metallurgical Engineering*
- Joan Carol Koonce, Pink Hill, NC; B.S. [North Carolina Central University]; *Home Economics*

- Laurie Ann Kopec, Pickerington; B.S.C.I.S. (Case Western Reserve University); *Computer and Information Science*
- Joseph Michael Kostecka, Mentor; B.S.; *Geology and Mineralogy*
- Deborah Ann Krawczak, Pittsburgh, PA; B.S. (The Pennsylvania State University); M.S. (Stanford University); *Industrial and Systems Engineering*
- Frank Joseph Krlivanek, London; B.S.; *Pharmacy*
- James Daniel Kuebler, Pickerington; B.S.E.E.; *Industrial and Systems Engineering*
- David Leo Kulikowski, Cahokia, IL; B.S. (Eastern Illinois University); *Geology and Mineralogy*
- Joyce Ann Kunkel, Dayton; B.S.N. (Indiana University-Purdue University); *Nursing*
- Nancy Snow Kurelmeyer, Shelburne, VT; B.S. (University of Vermont); *Mathematics*
- Joseph Adjei Kwarteng, Bechem, B/A, Ghana; B.Sc., Dip.Ed. (University of Cape Coast); *Agricultural Education*
- Diane Kay LaHue, North Canton; B.S. (Kent State University); *Physiological Optics*
- Chin-chun Lan, Hsinchu, Taiwan, R.O.C.; B.S. (National Taiwan University); *Civil Engineering*
- Alfredo Lavagnino Díaz, Guatemala, Guatemala; B.S. (University of San Carlos of Guatemala); *Civil Engineering*
- Timothy Lynn Lawlis, Cambridge; B.S.; *Animal Science*
- Joseph Gerard Leahy, Greenbelt, MD; B.S.; *Civil Engineering*
- Baumin Lee, Taiwan, R.O.C.; B.B.A. (National Cheng Kung University); *Industrial and Systems Engineering*
- Kyeong Hee Lee, Seoul, Korea; B.S. (Sogang University); *Genetics*
- Sung Young Lee, Seoul, Korea; B.S. (Seoul National University); *Mathematics*
- Raymond Lev, Youngstown; B.S.Pharm., D.D.S.; *Dentistry*
- Michael Francis LJCause, Akron; B.S. (Bowling Green State University); *Chemical Engineering*
- Amy Hui-Mei Huang Lin, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); *Allied Medical Professions*
- Alta Louise Lindberg, Columbus; B.S.; *Allied Medical Professions*
- Jian Hua Liu, Wuhan, P.R.C.; B.S. (Tsinghua University); *Welding Engineering*
- Wen-Tsang Liu, Taipei, Taiwan, China; B.S. (National Cheng Kung University); *Metallurgical Engineering*
- Carol Taylor Long, Coshocton; B.S. (Purdue University); *Home Economics*
- Jeffrey Edward Ludus, Columbus; B.S.; *Geology and Mineralogy*
- Maurice Caesar Lunik, Springfield, IL; B.S.Pharm. (University of Illinois at Chicago); *Pharmacy*
- James Mark Marinelli, Export, PA; B.S. (Carnegie-Mellon University); *Chemical Engineering*
- Anthony Joseph Marino, Cleveland; B.S.Chem. (John Carroll University); D.D.S.; *Dentistry*
- Jose Manuel Martín, Valencia, Carabobo, Venezuela; Chemical Engineer; *Food Science and Nutrition*
- Martha Ellen Mather, Kenilworth, IL; B.S. (Denison University); *Zoology*
- James Stephen Matthews, Gloucester, England; B.A. (Cambridge University); M.S.; *Computer and Information Science*
- Diane Kathryn Melde, Kennewick, WA; B.S.Cer.E. (University of Washington); *Ceramic Engineering*
- Marcela Tereza Mend, Shaker Heights; B.S. (Case Western Reserve University); *Chemical Engineering*
- Tamra Minor, Struthers; B.S. (University of Missouri-Columbia); *Animal Science*
- Linnette S. Mizer, New Philadelphia; B.S.H.E.; *Home Economics*
- Daniel George Morton, Bryan, TX; B.S. (Montana State University); D.V.M. (Colorado State University); *Veterinary Pathobiology*
- David Warren Moser, Rootstown; B.S.M.E.; *Mechanical Engineering*
- Osama Mounay Moussa, Cairo, Egypt; B.Sc. (Cairo Higher Polytechnical Institute); M.Sc. (Zagazig University); *Civil Engineering*
- Maroun M. Moussalem, Beirut, Lebanon; B.S.C.E.; *Civil Engineering*
- Saed Muflid Mubaslat, Amman, Jordan, Jordan; B.S. (Ohio University); *Electrical Engineering*
- Mary Alice Murphy, Dayton; B.A. (Michigan State University); *Agricultural Education*
- Robert Thomas Murphy, Westlake; B.S.; *Agricultural Economics and Rural Sociology*
- Akio Nagamune, Tokyo, Japan; B.E., M.E. (Waseda University); *Electrical Engineering*
- Charles A. Neer, Dublin; D.V.M.; *Veterinary Preventive Medicine*
- Jack L. Norris, East Hampton, NY; B.A. (Unity College); R.N. (Marcy State Hospital); *Allied Medical Professions*
- June O'Connell, Columbus; B.S., M.Ed. (Wayne State University); Ph.D.; *Nursing*
- Gary Neal Orsborn, Columbus; O.D.; *Physiological Optics*
- Babatunde Oluwasegun Oshinowo, Ikorodu, Lagos, Nigeria; B.Sc. (North East London Polytechnic); M.Sc. (University of Oxford); *Geodetic Science*
- Hyun Gyoan Park, Gwang Ju, Chunnam, Korea; B.S. (Seoul National University); M.S. (Korea Advanced Institute of Science & Technology); *Metallurgical Engineering*
- Mohammadreza Pashamoghadam, Tehran, Iran; B.S. (California State University at Fresno); *Electrical Engineering*
- Glenn Allen Peterson, Woodbury, TN; B.S. (Tennessee Technological University); *Animal Science*
- Lananh Thi Pham, Jacksons, LA; B.S.; *Chemical Engineering*
- Barbara Ann Pierce, Monroeville, PA; B.S.Ch.E. (The Pennsylvania State University); *Chemical Engineering*
- Thomas H. Piegue, New Baltimore, MI; B.S. (Michigan State University); *Chemical Engineering*
- Donald Timmis Porzio, San Jose, CA; B.S. (University of California at Santa Barbara); *Mathematics*
- James Anthony Porzio, Waterbury, CT; B.S. (University of Connecticut); *Pharmacy*
- Eleanor Schwick Oulrian, Pickerington; B.A. (Bethany College); *Computer and Information Science*
- Mark David Rader, Shiloh; B.S.E.E. (Ohio Northern University); *Electrical Engineering*
- John Karl Ramsey, Mansfield; B.S.A.A.E.; *Aeronautical and Astronautical Engineering*
- Michael Joseph Rankin, Columbus; B.S.Food Sc.; *Food Science and Nutrition*
- Tracy Lynn Rasor, Tipp City; B.S.; *Allied Medical Professions*
- Robert Anthony Rejent, Jr., Columbus; B.S.I.E.; *Industrial and Systems Engineering*
- John Stephen Renner, Yankton, SD; B.S. (Carnegie-Mellon University); *Computer and Information Science*
- Robert Alton Richard, Westlake; B.S.Ch.E.; *Chemical Engineering*
- Jane Ann Ritter, Delphos; B.S.C.I.S.; *Computer and Information Science*
- Charles Allen Roberts, New Holland; B.S.Agr.E.; *Agricultural Engineering*
- Vichai Rojanawanich, Bangkok, Thailand; B.S.M.E.; *Mechanical Engineering*
- Francine Evelyn Rose, Pittsburgh, PA; B.S.Ed. (Indiana University of Pennsylvania); *Home Economics*
- Karen Mary Rossie, Columbus; B.S. (Cleveland State University); D.D.S. (Case Western Reserve University); *Pathology*
- William Edward Roubesh, Springfield; B.S. (Morehead State University); *Animal Science*
- Elaine Susan Ruhlman, Warren; B.S. (Ohio Northern University); *Pharmacy*
- Richard Dale Russell, Westerville; B.S. (Ohio University); *Industrial and Systems Engineering*
- Martha Rzedowski-Caldesón, Mexico, D.F., Mexico; Licenciatura en Física y Matemáticas, Maestría en Ciencias (Instituto Politécnico Nacional); *Mathematics*

- Mohammad Reza Saifzadeh**, Tehran, Iran; B.S.E.E.; *Electrical Engineering*
- Steven T. Saunders**, Newark; B.S.E.E.; *Electrical Engineering*
- Kimberly Ann Schafer**, Columbus; B.A. (California State University at Chico); *Preventive Medicine*
- Douglas John Scheckelhoff**, Ottawa; B.S.; *Pharmacy*
- Pamela Carol Scheetz**, Heath; B.S.Agr.; *Home Economics*
- Walter James Schile**, Smithtown, NY; B.A. (State University of New York at Oswego); *Zoology*
- Betsy Louise Schultz**, Winston-Salem, NC; B.S. (Virginia Polytechnic Institute and State University); *Natural Resources*
- Thomas Walter Seamans**, Chittenango, NY; B.S. (Cornell University); *Natural Resources*
- Hong-Min Shaw**, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); *Mathematics*
- Sharon Diane Shaw**, Bluffton; B.S.H.E.; *Agricultural Education*
- Susanne Louise Simon**, Columbus; B.A. (Skidmore College); *Microbiology*
- Orlando Paul Simonetti**, North Royalton; B.S.; *Bio-Medical Engineering*
- Catherine Sue Smith**, New Concord; B.A. (Otterbein College); *Zoology*
- Timothy Michael Smith**, Bellefontaine; B.S. (Muskingum College); *Natural Resources*
- Wendy Gale Sowder**, Mason; B.S.; *Veterinary Pathobiology*
- Richard Harold Strawsburg**, Dayton; B.S.E.E. (Lehigh University); *Bio-Medical Engineering*
- Tina Marie Strouble**, Louisville; B.S.Ed. (Bowling Green State University); *Computer and Information Science*
- Anne J. Sunwoo**, Columbus; B.S.; *Welding Engineering*
- Katherine Elizabeth Suorsa**, Slippery Rock, PA; B.S. (Westminster College); *Environmental Biology*
- Kathy Lynn Swartz**, Mason; B.S.N. (University of Cincinnati); *Nursing*
- Sanjiv Taneja**, New Delhi, India; B.Tech. (Indian Institute of Technology); *Computer and Information Science*
- Rajaraman Thyagaraja**, Thanjavur, Tamilnadu, India; B.Tech. (Indian Institute of Technology, Madras, India); *Mechanical Engineering*
- Angela Marian Tornes**, Columbus; B.A. (Saint John's University); *Zoology*
- Kathleen Ann Travis**, Columbus; B.S. (Tri-State University); *Physiology*
- Thomas J. Tulley**, Centerville; B.S. (Purdue University); *Agronomy*
- Lucy Ellen Tyrrell**, Columbus; B.S., M.A.T. (Duke University); *Botany*
- James Bruce Unkefer**, Columbus; B.S., M.A.; *Computer and Information Science*
- Laurie Edith Usher**, Downingtown, PA; B.S. (The Pennsylvania State University); *Agricultural Education*
- Fusun Gurgen Varol**, Istanbul, Turkey; M.D. (Istanbul Medical School); *Obstetrics and Gynecology*
- Linda Vespa**, Boardman; B.S. (Grove City College); *Microbiology*
- Gabriel Daniel Villa-Salvador**, Mexico, D.F., Mexico; Licenciatura en Física y Matemáticas, Maestría en Ciencias (Instituto Politécnico Nacional); *Mathematics*
- David Alan Wallace**, Westlake; B.S.; *Pathology*
- Douglas William Wallace**, Worthington; B.A., D.D.S.; *Dentistry*
- Kuanjong Wang**, Columbus; B.S. (National Tsing Hua University); *Chemical Engineering*
- Li-Chih Wang**, Taiwan, R.O.C.; B.S. (Tung-Hai University); *Industrial and Systems Engineering*
- Samson Waga Wasao**, Nairobi, Kenya; B.A. (University of Nairobi); *Agricultural Economics and Rural Sociology*
- Dennis Wade Watson**, Sylvania; B.S.C.E.; *Civil Engineering*
- Jeffrey John Webb**, Columbus; B.S. (Wright State University); *Computer and Information Science*
- Karen Sue Weber**, Lima; B.S.; *Home Economics*
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- William Warren White**, Louisville, KY; B.A. (University of Louisville); M.S.; *Computer and Information Science*
- Mary Ann Wickson**, Baton Rouge, LA; B.S.H.E. (University of Houston); *Home Economics*
- Kathryn Murphy Wilson**, Norcross, GA; B.S.Agr.; *Agricultural Economics and Rural Sociology*
- Shelley Wilson**, Villanova, PA; B.S.H.E. (Miami University); *Home Economics*
- Penelope J. Woodruff**, Columbus; B.S.N. (Capital University); *Nursing*
- Christopher Allerton Franklin Wright**, Sandwich, MA; B.S.E.E.; *Electrical Engineering*
- Yoshikazu Yamamura**, Kadoma-shi, Osaka, Japan; B.S. (Michigan State University); *Electrical Engineering*
- Xiong Yu**, Shanghai, R.O.C.; B.A. (East China Normal University); *Zoology*
- Scott Adrian Yut**, Canton; B.S. (Kent State University); *Computer and Information Science*
- Dailan Zheng**, Columbus; B.E. (Beijing Institute of Aeronautics and Astronautics); *Electrical Engineering*
- Paul Evan Zimpelmann**, Rocky River; B.S.A.A.E.; *Aeronautical and Astronautical Engineering*

Master of Social Work

- Bruce Allen Adams**, Defiance; B.A. (Bowling Green State University); *Social Work*
- Nancy Kaye Allen**, Yellow Springs; B.A.Ed. (Cincinnati Bible Seminary); M.A. (Spalding College); *Social Work*
- Kim Ann Axe**, Genoa; B.A. (Miami University); *Social Work*
- Timothy Bruce Babcock**, Mansfield; B.S.; *Social Work*
- Pud D.S. Baird**, Columbus; B.A. (Youngstown State University); M.A. (Asbury Theological Seminary); *Social Work*
- DeNise Arnette Ballard**, Rocky Mount, NC; B.A. (Winston-Salem State University); *Social Work*
- Linda Gene Bigler**, Wadsworth; B.A. (Mount Union College); *Social Work*
- Lea Ann Blackburn**, Columbus; B.S.Soc.Wel.; *Social Work*
- Carol Jean Blankenship**, Columbus; B.S.Soc.Wel.; *Social Work*
- Terry J. Blum Haas**, Urbana; B.S.Soc.Wel.; *Social Work*
- Karen H. Brentar**, Cleveland; B.A. (Cleveland State University); *Social Work*
- Vidd Lynn Bright**, Huron; B.S.W. (The Defiance College); *Social Work*
- Barbara Ann Brown**, Steubenville; B.S.W. (Indiana University); *Social Work*
- Avalon Charlene Butema**, St. Joseph, MI; B.S.Soc.Wel.; *Social Work*
- Lisa K. Callander**, Delaware; B.A. (Ohio University); *Social Work*
- John Young Chin**, Columbus; B.A. (Valparaiso University); *Social Work*
- Brenda Ann Clark**, Cincinnati; B.S.W. (University of Cincinnati); *Social Work*
- Theresa Sue Cluse**, Lancaster; B.A. (Ohio University); *Social Work*
- Michel Angela Coons**, Columbus; B.A. (Ohio Dominican College); *Social Work*
- Deborah Angermeyer Crawford**, Columbus; B.A. (Indiana University); *Social Work*
- Maria Giberga Crumley**, Columbus; B.A. (University of Dayton); *Social Work*
- Christine R. DeLamatre**, Pleasantville; B.A. (Ohio University); *Social Work*
- Barbara Jo Dennison**, Powell; B.S.Soc.Wel.; *Social Work*

- Debra Dean Dixon**, Largo, MD; B.S. (Bowie State College); *Social Work*
- Anne Keely Dormire**, Uniondale, IN; B.A. (Miami University); *Social Work*
- Cynthia Lee Eltringham**, Columbus; B.A. (Ohio University); *Social Work*
- Roxanne Suzette Ford**, Magnolia, DE; B.S.W. (Malparaiso University); *Social Work*
- Katherine F. Fox**, Westerville, B.A. (Hendrix College); *Social Work*
- Robin L. Frees**, Columbus; B.S.Agr.; *Social Work*
- Roslyn Crowell Friday**, Columbus; B.A. (Ohio University); *Social Work*
- Amy Elizabeth Girtzen**, Cincinnati; B.A. (University of Cincinnati); *Social Work*
- Sherri Ann Grimone**, Columbus; B.S. (Bowling Green State University); *Social Work*
- William Nathan Hardy**, Toledo; B.S. (Bowling Green State University); *Social Work*
- Elaine F. Harffman**, Cincinnati; B.S. (The Union for Experimenting Colleges and Universities); *Social Work*
- Janice DeSeno Hauerstein**, Columbus; B.S.; *Social Work*
- Judith Ann Higgins**, Willoughby; B.A. (Notre Dame College); *Social Work*
- Lori Ann Huber**, Bluffton; B.S.; *Social Work*
- Keith G. Hughes**, Millersburg; B.A.; *Social Work*
- Inga Louise James**, Celina; B.A. (Bowling Green State University); *Social Work*
- Darlene Michelle Jones**, Ettrick, VA; B.S. (Virginia State University); *Social Work*
- Amy Michelle Kalk**, Beachwood; B.S.Soc.Wel.; *Social Work*
- Shelley Kauffer**, Columbus; B.S.Soc.Wel.; *Social Work*
- Beverly Byers Kelly**, Columbus; B.A.; *Social Work*
- Elizabeth Marie Kennedy**, Columbus; B.A. (Ohio Dominican College); *Social Work*
- Faith Ann Kennedy**, Warren; B.S.W. (Capital University); *Social Work*
- Connie Jane Klem**, Pataskala; B.A.; *Social Work*
- Eydie Suzette LeDay**, Lake Charles, LA; B.S. (Southern University); *Social Work*
- Janet Louise LeDuc**, Columbus; B.A. (San Diego State University); *Social Work*
- Shyuee-Tay Lin**, Taipei, Taiwan, R.O.C.; B.A. (National Taiwan University); *Social Work*
- Veronica Donnell Lofton**, Southern Pines, NC; B.A. (Elizabeth City State University); *Social Work*
- Lisa Gabrielle Long**, Columbus; B.S.Soc.Wel.; *Social Work*
- Beverly Ann Ludow-Fay**, Columbus; B.S. (Baldwin-Wallace College); *Social Work*
- Rebecca Leigh Lyons-Story**, Middletown; B.S.W. (University of Cincinnati); *Social Work*
- Terence A. McCormick**, Columbus; B.A. (Wheeling College); *Social Work*
- Julie Thomas Millidin**, Hamilton; B.A. (Wittenberg University); *Social Work*
- Roger Jamison Minner**, Columbus; B.A. (Pontifical College Josephinum); *Social Work*
- Jill Elaine Mumaw**, Orrville; B.S. (Grace College); *Social Work*
- Charlen Schwobel Musser**, Powell; B.S. (Bowling Green State University); *Social Work*
- Laurie Jeanne Nelson**, Fredonia, NY; B.A. (State University of New York at Fredonia); *Social Work*
- Mary Beth Nisbett**, Warren; B.S.W. (Kent State University); *Social Work*
- Mary Constance O'Connell**, Dublin; B.A. (University of Tennessee); *Social Work*
- Barbara Elaine Padgett**, Manassas, VA; B.S. (Muskingum College); *Social Work*
- Stacie Lynn Presser**, University Heights; B.A. (Indiana University); *Social Work*
- Dorothy Ann Rado**, Dayton; B.A. (Earlham College); *Social Work*
- Sandra Hope Reeves**, Westerville; B.A. (Ohio Wesleyan University); *Social Work*
- Alan Norman Richmond**, Charlotte, NC; B.S.W. (Livingstone College); *Social Work*
- Mary Beth Rigo**, North Olmsted; B.S.Soc.Wel.; *Social Work*
- Winifred LaFaye Riley**, Sallis, MS; B.A. (Alcorn State University); *Social Work*
- Patricia Marie Robinson**, Columbus; B.S. (Bowling Green State University); *Social Work*
- Jean Marshall Robison**, Marysville; B.S.Soc.Wel.; *Social Work*
- Patrick Dennis Ryan**, Lima; B.S.S.W. (Bowling Green State University); *Social Work*
- Leah Karter Salls**, Columbus; B.A., B.S., M.A.; *Social Work*
- Valerie Jean Schmitt**, West Liberty; B.A. (Goshen College); *Social Work*
- Julie Gaye Schram**, Cincinnati; B.A. (University of Wisconsin at Madison); *Social Work*
- Kathleen Marie Shannon**, Youngstown; B.A. (Saint Mary's College); *Social Work*
- Patricia Ann Sheeter**, Wilmington; B.S. (University of Cincinnati); *Social Work*
- Kathleen Lynn Shisler**, Orrville; B.S.W. (University of Akron); *Social Work*
- Cheryl Joy Skarsten**, Pickerington; B.S.W. (Capital University); *Social Work*
- Dianne Smith**, Jackson, MS; B.S.W. (Jackson State University); *Social Work*
- Frank Reynolds Snyder**, Columbus; B.S. (Sam Houston State University); *Social Work*
- Edward Mark Sullivan**, Columbus; B.S.Soc.Wel.; *Social Work*
- Cynthia Renée Turk**, Clinton; B.S.Soc.Wel.; *Social Work*
- Lana Jane Wall**, Pleasantville; B.S.Ed.; *Social Work*
- Eugenia M. Washington Vaughn**, Columbus; B.A.Soc.Wel. (Ohio Dominican College); *Social Work*
- Deborah Kay Wilson**, Coshocton; B.S.; *Social Work*
- Joyce Kathleen Wilson**, Ironton; B.S.Soc.Wel.; *Social Work*
- Christine Marie Wozniak**, Toledo; B.S. (Bowling Green State University); *Social Work*
- Certificate of Specialist in Educational Administration**
- Rodney Wayne Bauer**, Hicksville; B.S., M.Ed. (Bowling Green State University); *Education*

Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans:
G. Micheal Riley

Vice Provost for the Arts and Sciences:
Thomas A. Wilkie

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

Tamara Lynne Alleman, Columbus
Jeffrey Thomas Bibb, West Bloomfield, MI
Jane Louise Brewster, Wilkowitz
Lisa Anne Capozziello, Columbus
Herbert Judson Cole, Rockland, ME
David Allen Collins, Harrisburg
Kelly Rochelle DeWeese, Columbus
Donald Gene Fortner, Hilliard
Philip Ashley Gibbs, Hillsboro
James Thomas Gordon, Euclid
Jeffrey Alan Guerin, Ashtabula
Shawn Michael Gulyas, Westerville
David William Harris, Athens
William Andres Hicks, Trenton
Kathleen Steel Horner, Westlake
Margarita E. LaVilla-Culver, Columbus
Katherine Amy Lee, Russell
Michael Andre Matthews, Charleston, WV
Adrienne Rosetta Maukin, Cincinnati
Robert Alan Metzger, Carroll
James Ivan Mills, Ashville
Nora L. Monroe, Youngstown
Robert Eaton O'Neill, Granville
Jay C. Owens, Newark
Susan E. Resatka, Warren
Dorina S. Richard, Columbus
Melissa Lee Riehm, Wadsworth
Mark Matthew Smith, Columbus
Tonda Allyn Sparks, Columbus
Philip Craig Welch, Richmond, VA
Jeffrey F. Winstel, Columbus

Bachelor of Fine Arts

Timothy Scott Allan, Lancaster
Alexander Ambrose Alessandri-Bruce, Wainwright
Charles Rex Arbogast, Columbus
James E. Aton, Columbus
Mitchell S. Attenson, Cleveland Heights
Patricia Dianne Barker, Akron
Warren Shane Blodgett, Columbus
Tracey Diane Blustein, Skokie, IL

Colette Carole Brennan, Lakewood
Amy Lynn Carmichael, East Liverpool
Melissa J. Carroll, New Carlisle
Robert Andrew Colgan, Elyria
Kelly Ann Cowles, St. Louis, MO
Suzanne Cupp, Findlay
Kathleen Mary Engleman, Ashland
Kristin E. Erickson, Stow
Carol Suzanne Faehne, Columbus
Craig Eric Green, Columbus
Mark Allen Harrah, Sylvania
Don L. Heinfeldt, Columbus
Lee Alan Hervey, Columbus
Mary Lucinda Herzog, Ashtabula
Mary Ellen Hiser, Columbus
Clifton Arthur Huber, Defiance
Eric Kidwell, Columbus
Kyle Claire Knapp, Fort Wayne, IN
Mary Margaret Lawson, Toledo
Kristen Mary Loving, Columbus
Anthony F. Lupidi, Columbus
Lori Lynn McCargish, Columbus
Vivia Van Dyne McCutcheon, Columbus
Cheryl Lynn Meyers, Orient
Michael Lee Miller, Butler
Pamela Jean Oden, Lima
Bruce Davenport Orendorf, Peoria, IL
Amy Michelle Paris, Farmington Hills, MI
James Thomas Provenzano, Ashland
Thomas W. Rice, Elida
Kimberly Rose Ross, Parma Heights
Bernadette Russo, Bedford
Eve H. Schlosberg, Tinton Falls, NJ
Adam Jules Schonhluut, Lorain
Renee Lynn Slack, Gahanna
Louis Benedict Small, Defiance
Tamera Sue Smith, Alexandria, VA
Karen Elizabeth Snyder, Massillon
Randall James Spears, Portsmouth
Scott Alan Spears, Portsmouth
Jeanette Laura Stammen, New Bremen
Arnold N. Stevenson, Cleveland
Daniel R. Stewart, Columbus
Elizabeth Marie Strautz, Columbus
Paulette Marie Szykowsky, Toledo
Helena Marie VonVile, Delaware
Patti Waltz, Cleveland
Clark Kevin Watson, Columbus
Robert Randolph Wyatt, Pittsburgh, PA

Bachelor of Music

Andrew Jackson Batchelor, Lancaster
Andrea Suzanne Bihari, Ashland
Constance Ann Broberg, Madison
Charles Clark Feeman, Jr., Columbus
Jeremy Gabriel Gaynor, Columbus
Douglas James Hall, Marion
Matthew E. Henry, Zanesville
Janice Carol Jones, Ashland
Larry G. LeMaster, Columbus
Kara J. Messerly, Parma
Bobbi Lynn Richardson, Grove City
Amy Laurel Spires, Centerville
Abigail Charity Stainer, Mentor
Timothy James Walters, Columbus
Jeffrey Todd Wormley, Struthers

Bachelor of Art Education¹

David William Bruce, South Euclid
Wendy Michele Edelman, Beachwood
Amy Anne Gallagher, Dunwoody, GA
Lori Ellen Gold, Columbus
Vincent Todd Kuhn, Reynoldsburg
Jean Patricia Schlosser, Columbus

Bachelor of Art Education²

Lori LeAnn Collins, Bellefontaine
Dallas Ray Hettinger, Circleville
Leslie Renee Wilson, Warren
David Walter Wolff, Munroe Falls

Bachelor of Music Education²

Richard Allan Ash, Bluffton, IN
Karen Lee Barnick, Grove City
Douglas Eric Bennett, Canton
Dawn Elizabeth Cochran, Zanesville
Denise Anne D'Addio, Newburgh, NY
Timothy Andrew Dickson, Lancaster
Brian Wilard Dodd, Zanesville
Tamera Lynn Duris, Blacklick
Kenneth Mooney Ferlito, Euclid
Thomas Lee Goodrich, Westerville
David Paul Handshue, Wadsworth
Lori Lee Lazenby, Marysville
Catherine Welman Leatherwood, Ashville
Theresa Lynne Mason, Waterville
John Bradley McDavid, Centerville
Diane Lynn Robillard, Vernon, CT
Coleen Renee Ruby, Fayetteville, GA
Janine Sue Schmelzer, Bremen
Joy Sema Simkin, Cincinnati
Karen Elizabeth Snyder, Massillon
Amy Laurel Spires, Dayton
Robert Joseph Spittal, Parma
Mary Jane Starr, Columbus
Gregory Spence Taylor, Auburndale, FL

Bachelor of Science in Audio Recording

Michael Wayne Beech, Zanesville
Jane Margaret Cowdery, Mansfield
Melanie Yvonne Hatem, Columbus
Sandra Robin Johnson, Mayfield Heights
Martin Matyas Peko, Gates Mills
Richard Martin Povenmire, Columbus
Susan Gail Rencehausen, North Olmsted

Bachelor of Science in Industrial Design

Amy Van Sickle Beard, Lyndhurst
Thomas Earl Beck, Chesterland
David Anthony Bevacqua, Atlanta, GA
Joseph Richard Brusky, Avon Lake
William Burger, Northfield

¹ Offered by the College of the Arts

² Offered by the College of
the Arts and the College of Education

Susanna Gabriel Cerni, Warren
 Karen Ann Cizenas, Madison
 Amy Elizabeth Corneliusen, Canton
 Mark Harmon Davis, Girard
 Lori Kae Dillman, Findlay
 Kurt A. Eby, Columbus
 Scott Edward Evans, Galion
 Lisa Dawn Frasure, Pickerington
 James Theodore Garavuso, Dublin
 Jeanni Marie Gerth, Columbus
 Michael Anthony Greer, Chillicothe
 Sarah Lynn Grostick, Jenera
 Lesly Sue Harshman, Cincinnati
 Jerrold Edward Haysett, Columbus
 Nathan Blair Hendricks, West Chester
 Eric Riis Hotchkiss, Delaware
 Lisa Ann Kinsey, Mansfield
 Matthew Joseph Lamb, Lakewood
 Karen Elizabeth Long, Upper Sandusky
 Duncan Ashley Lonsdale, Akron
 Maria Kay Mayerson, Lima
 Robert W. Mervar, Kettering
 Scott Robin Morris, Naples, FL
 Kevin Eugene Mullet, Berlin
 Elizabeth Jane Mumma, Ashitabula
 Kathryn Lynn Newland, Columbus
 Annita Jo Oliver, East Cleveland
 Teresa Isabelle Pierce, Columbus
 Diane Claire Porro, Ridgewood, NJ
 Carl Justin Price, Worthington
 Sandra Renee Pryor, Tiffin
 Duane Allen Rice, Cincinnati
 Richard Lee Rinsma, Pittsburgh, PA
 Deborah Ann Schram, Columbus
 Barbara Jill Seitz, Mentor
 Phillip R. Shirley, Caledonia
 Ronald Edward Simmons, Beachwood
 Robert Eric Towles, Toledo
 Susan Lynn Wesel, Marietta
 Lisa Maria Wolters, Coldwater
 Thomas Eugene Yurkin, Lakewood

College of Biological Sciences

Dean: William A. Jensen

Bachelor of Arts

Nancy Louise Koster, Findlay
 Rodney Alan Stewart, Columbus
 Lori Kristine Thompson, Upper Arlington

Bachelor of Science

Michael David Adolph, Akron
 Keith Norman Alexander, Ashland
 John James Antalis, Shadyside
 Dominic Joseph Bagnoli, Jr., Harville
 Susan Lynn Baird, Columbus
 Brian Richard Barrett, Canfield
 Jeffery Scott Beattie, West Jefferson
 Kian Behbahani, Columbus
 Franklin Malcolm Bell, East Greenbush, NY
 David Andrew Bennett, Franklin
 James Craig Birnbaum, Lyndhurst
 Robert Todd Bloom, Cincinnati

Bernard Raymond Bogan, Milan
 Craig E. Bonvechio, Gnadenhutten
 Stephen Hayse Boyer, Jackson Center
 Mark Alan Bremick, Brookfield
 James Douglas Bruffey, Cincinnati
 Robert Dan Bullock, Madeira
 Susan Caldecott, Columbus
 Terri Lynn Colbert, Columbus
 Christopher Michael Cornell, Mentor
 Gary Lee Cook, Wheelersburg
 Kitty A. Cullin, Medina
 Kathryn A. Deering, Columbus
 Dana Ann Dunham, Warren
 Dawn M. Ehrhart, Euclid
 Kisa Ewing, Akron
 Gale Margaret Flanagan, Nutley, NJ
 John Robert Forche, Toledo
 Lisa Ann Franko, Seven Hills
 Raymond Dayre Fuller, Delaware
 David Albert Garcia, Los Angeles, CA
 Saul E. Garcia, Ponce, PR
 David Spencer George, Marietta
 Ellen Dong Joo Gim, Fairview Park
 Jeffrey Allan Hanna, Wadsworth
 Susan Lee Hannel, Springfield
 Thomas Alfred Herrmann, Reynoldsburg
 James Michael Holland, Nashua, NH
 Raneae Marie Holmes-Wolfe, Stow
 James Thomas Hutta, Columbus
 Ann Helene Imman, Dayton
 Lamont B. Jacobs, Fairfield
 Karen Julia Josephson, Bristol, CT
 Sarah G. Josephson, Bristol, CT
 Sean Kaulin Kesterson, Upper Arlington
 Janetette Elaine Kienow, Huber Heights
 Kimberly Sue Kniepkamp, Wadsworth
 John Dean Koutras, Canton
 Robert Jeffrey Krawczyk, Niagara Falls, NY
 Joyce Ann Kupter, Cincinnati
 Dominick Lago, Jersey City, NJ
 John Alan Larry, Youngstown, NY
 James Lee Leach, Toledo
 John Douglas Liming, Mt. Orab
 Theresa Jo Lippold, Columbus
 Robert Joseph Lorenzetti, Seneca Falls, NY
 Mark LeRoy Lukens, Blacklick
 Bruce Kenneth Maskarinec, Youngstown
 Lance Morgan McCoy, Ravenswood, WV
 Lee Ellen McCrillis, Newark
 Mark Joseph Melaragno, Columbus
 Michael A. Mendicino, Belle Vernon, PA
 Dale Andrew Michalak, Toledo
 James Michael Mick, Findlay
 Yoongie E. Min, Wheelersburg
 Christopher Eric Mizek, Brecksville
 Batsamirina Selma Mohammed, Upper Arlington
 James Roger Morite, Lakewood
 Sheryl Ann Moritz, Mansfield
 Patrick Alan Murtha, Marietta
 Alexandros William Nicolozakes, Cambridge
 Patricia Jean Noell, Rockville, MD
 Julie Marie Noggle, Toledo
 Paula Kathryn Ogrocki, Garfield Heights
 Maha Abdulrah Orkubi, Jeddah, Saudi Arabia
 Stephen T. Parks, Hamilton
 Catherine Marie Peat, Toledo
 Kurt Alan Pesta, Mingo Junction
 Steven Michael Peterson, Centerville
 Joyce Ann Prater, Columbus

Nicholas John Proicou, Dublin
 Kevin Robert Race, Williamsville, NY
 Mark Peter Redding, Kettering
 Kimberly Anne Redic, Vandalia
 Mark Edwin Reiber, Worthington
 Vincent Alan S. Resor, Columbus
 Joseph Leo Riethman, Maria Stein
 Bradley James Riley, Shelby
 Thomas R. Riley, Akron
 Allan David Risley, Jr., Kettering
 Kevin Lynn Rogers, Germantown
 Linda Gail Romine, Cincinnati
 Dina Kathleen Rooney, Canal Fulton
 David Ira Rosenblum, Mayfield Heights
 John Douglas Rourke, Galion
 Mike Blaise Rousseau, North Vancouver, BC, Canada
 Robert Neal Rumberg, Poland
 Laura Wolff Rupert, Cuyahoga Falls
 Cornelia Mary Sanders, Cincinnati
 Michael George Saribas, Columbus
 Lori Ann Schiefer, Marion
 Craig Bruce Schroeder, Chagrin Falls
 Scott Dana Schumann, Columbus
 Lisa Anne Shafroff, Cleveland
 Mitchell Jon Silver, Akron
 Stacey Joyryn Simpson, Toledo
 Renu Sinha, Columbus
 Melanie Kay Smith, Salineville
 Norman Alan Smyke, Jr., Madison
 Suzanne Danielle Spretino, Highland Heights
 Richard Edward Stark, Hillard
 Jean Ellen Starr, Tiffin
 David Michael Stepp, Uniontown
 Roger Scott Stienecker, Wapakoneta
 Michael James Stonerock, Canfield
 Robert Hal Strohl, Worthington
 Stephen Chandler Sutton, Ironton
 Ilene Theresa Timko, Hubbard
 Jill Victoria Toyzan, Columbus
 Teresa Ellen Trimble, Granville
 Jan Trybula, Maple Heights
 Edward Glenn VanOtteren, Columbus
 Elizabeth Jean von Koschembahr, Pepper Pike
 Eva Martha Vrdojak, Columbus
 Raymond Francis Wack, Kettering
 Dana Rene Walters, Columbus
 Michael David Webb, Mayfield Village
 Tracey Lauren Weiss, North Miami Beach, FL
 Thomas Matthew Wherry, Worthington
 Deborah Sue Wilcox, Lima
 Jon Bentley Woods, Chillicothe
 Bernadette Veronica Zeki, Akron

College of Humanities

Dean: G. Michael Riley

Bachelor of Arts

Anne Patricia Abramowitz, Dayton
 Maria Dolores Aguado, Mansfield
 Van Patrick Andres, Sandusky
 Margaret M. Antenucci, Warren
 Marcella Ballard, Mercer Island, WA
 James Mills Barbeau, Cincinnati
 John Arthur Bartok, Fairview Park

Derek Todd Bell, Perrysburg
 Judith Ann Berman, Columbus
 Jeannette H. Birkhoff, Toronto, Ontario, Canada
 Cesa Marie Brown, Odessa, TX
 Kevin D. Brown, Sheffield Lake
 Timothy E. Brown, Alexandria
 Michael Scott Bryant, Columbus
 Margaret M. Cabrera, Columbus
 *Lori Ann Cain, Grove City
 Frank Lawrence Clover, Canton
 Charles Elisha Conway, Mt. Sterling
 David Breckenridge Cowell, Belpre
 Diana Jo D'Angelo, Worthington
 Lisa Leigh Davidson, Lorain
 Jeffrey McCord Davis, Columbus
 Julia Gardner Deems, Bexley
 Patricia Ann DiSabato, Columbus
 Scott V. Donohue, Ironton
 Jerome R. Doute, Lima
 Bruce Allen Dye, Dresden
 Christopher Andrew Early, Columbus
 William W. Erb, Sylvania
 Lisa Marie Fife, Columbus
 Marianne Force Fisher, Dayton
 Robert Louis Fry, Miamisburg
 Elizabeth Bogle Gaddam, Columbus
 Michael Robert Gedling, Dayton
 Karen Joyce Gold, Monroeville
 Paul K. Grunden, Bryan
 Billie Yvonne Guerra, Columbus
 Jeffrey Gordon Harrison, Alliance
 Patricia Jeanne Hartig, Lima
 John Andrew Hewlett, Loveland
 Carrie Angela Hone, Celina
 Tammy Marie Huet, Lansing, IL
 Ronald Patrick Huth, Worthington
 Richard Anthony Ingrao, Dayton
 Sharolyn Barry Jansen, Columbus
 Jack Daniel Joffe, Columbus
 Barbara Lynn Johnson, Columbus
 Shelby James Jones, Ashtabula
 Steven Charles Karmzer, Youngstown
 Michael Abraham Kashdan, Cincinnati
 Mark F. Klosowski, South Windsor, CT
 Dean John Kostantaras, Cleveland
 Mary Frances Litzler, Cleveland
 Charles Herbert Mahler, Findlay
 Susan H. Manoukian, Coshocton
 Pamela Ann Markel, Columbus
 Katherine E. McCoy, Piqueton
 Diane Louise McDowell, Fairview Park
 Kerry S. McGinnis, Columbus
 Kimberly Ann Meiners, Columbus
 David Gordon Miller, Columbus
 Deborah Lee Miller, Jersey
 Linda Elaine Miller, Wheelersburg
 Thomas Edward Moore, Shelby
 Rosalba E. Mora, Oquito, Ecuador
 Susan Murray, Wadsworth
 Sue A. Naher, Columbus
 William Harold Nilges, Bay Village
 Jay Cowan Osborne, McConnellsville
 Maria Suzanne Paghis, Cleveland
 Patricia Lynette Pate, Reynoldsburg
 Michael David Portnoy, Akron
 Clarissa Ann Rapp, Worthington
 LaTawmya Diane Rennick, Columbus

*Bachelor of Arts in History and
 Bachelor of Arts in English

Dennis Franklin Roberts, Columbus
 Jennie Ann Robson, Brunswick
 Carmel Leigh Rooney, Columbus
 Michael David Russell, Akron
 Amy Mildred Rychener, Bryan
 Teresa Dawn Schnitzke, Berea
 Thomas G. Seddon, Marion
 Andrew Carl Seipel, Columbus
 Gonzako David Silverio, Columbus
 Martha Caroline Sims, Columbus
 Lynn Skinner, Niles
 Clinton Scott Slezak, Hampton, VA
 Jefferson R. Smith, South Vienna
 William Edward Smith III, Massillon
 Deborah J. Snead, Columbus
 Frank Lyons Snider, Boardman
 Carmen Melinda Steele, Toledo
 Julie Diane Stein, Columbus
 Eugene Joseph Sterle, Highland Heights
 Kimberly Marie St. Peter, Solon
 Theodore Douglas Thompson, Columbus
 Katherine Anne Valachovic, Columbus
 Amy Elizabeth Verhoff, Columbus
 Diane Ward, Cleveland
 Lisa Joy Waxman, Lyndhurst
 Cheryl Lynn Weiner, Columbus
 Judy Beth Wertheimer, Beachwood

College of Mathematical and Physical Sciences

Acting Dean: John O. Riedl

Bachelor of Arts

Martin L. Baumgardner, Akron
 Rhondi Rae Bobich, Aurora
 Paul Ridge Culler, Lucas
 William Louis Cunningham, New Concord
 Robert Raymond Daiber, Oregon
 Peter Hinman Dietrich, Columbus
 Mansour Ramadan Elmesalati, Tripoli, Libya
 Deborah Vanessa Ford, Charleston, SC
 Mark Andrew Gersman, Vienna, WV
 Elizabeth Ann Gilbert, Columbus
 Carl Anthony Gleichauf, Ironton
 Rachael Elen Lander, University Heights
 Alyson Hope Leeman, Columbus
 Paul Franklin Moodispaw, Nefes
 René Ophelia Charice Moore, Springfield
 Christopher Jon Noonan, Hebron
 Susan Elizabeth Northrup, Columbus
 Suzanna Colette Oney, Greenwich
 Jacqueline A.C. Renner, Freetown, Sierra Leone
 Linnea Saukko, Warren
 Lisa Kay Scheidmantel, Lexington, MA
 Scott Douglas Schmidt, Delaware
 Helen Starr Truscott, Birmingham
 Scott Thaddeus Zalski, Bethel Park, PA

Bachelor of Science

Harold Stephen Anderson, Waynesville
 Alexander Tolentino Ahonuevo, Manila, Philippines
 David D. Atkins, Olmsted Township

Brian Henry Bannan, West Chester
 Brian Grant Barringer, Fostoria
 Brian David Beato, Cincinnati
 James Gordon Beisel, Copley
 David Henry Bemrosky, Columbus
 Louis Steven Biafore, Reynoldsburg
 Ronald Kenneth Bier, Cleveland Heights
 Brenda Leigh Bish, Ashtabula
 David Wilkinson Bradbury, Kettering
 Michael Marshall Briley, Jr., Waterville
 Robin Margene Brown, Huber Heights
 Daniel Edward Byers, Westerville
 Frank Thomas Cannon, Columbus
 Gregory Anthimos Christoforidis, Columbus
 Daniel Curtis Corfman, Columbus
 Jeffrey Nicholas Costakas, Upper Arlington
 Janet Ann Coyle, Columbus
 Matthew Dejongh, Palo Alto, CA
 James Wesley Doyle, Marion
 Scott Lee Dunn, Uniontown, PA
 Roxanne Joelle Edwards, Cincinnati
 David Lyndon Elias, Ettrick, VA
 Timothy Michael Emrich, Carlisle
 Nancy Jane Felumlee, Newark
 Andrea Leigh Fenton, Columbus
 Robert Randolph Flannery II, Reno
 Martin P. Franzinger, Rocky River
 Eugene Leo Garbaccio, Medina
 Suzanne D. Giles, Cincinnati
 Mark David Gilliat, Kettering
 Deborah Anne Githens, Springboro
 Raymond Paul Goodrich, Jr., Hillsville, PA
 Sharon M. Grannell, Chardon
 Robert Charles Guiler, Bellville
 Klaus Dieter Guter, Columbus
 Anthony R. Haight, Norton
 Douglas Archer Hall, Olmsted Falls
 Lisa Ann Hamilton, Columbus
 Brian Thomas Hayden, Grosse Pointe Woods, MI
 Joseph M. Herbst, Mansfield
 Jeffrey Gilbert Hirschl, Youngstown
 Michael P. Huppert, North Babylon, NY
 Timothy Michael Jackson, Columbus
 Leanne Kay Johnson, Marion
 George Morrison Jones, Worthington
 Sheila M. Kayle, Brimfield
 Christopher Keffalos, Warren
 James Andrew Kerr, Columbus
 Tamara Jean King, Huron
 Paul William Kirk, Columbus
 Paul G. Larick, Columbus
 Chang Soo Lee, Columbus
 Joo Khai Lim, Republic of Singapore
 John R. Lohr, Worthington
 Robert Glenn Lowery, Upper Arlington
 Eric Allan Lucas, Canton
 Valerie Sue Macioce, Columbus
 Mary Margaret Mader, London
 Elizabeth Ann Manser, Salem
 Richard Clair McCuskey, Granville
 Richard Eric McCutchen, Cincinnati
 Eileen Ann McGivern, Youngstown
 Julia Catherine Meyer, Columbus
 William V. Meyer, Harrison
 Gregory Michael Mills, Sandusky
 Ruth Miriam Mitchell, St. Croix, VI
 Hafsan Haji Mohd Noor, Kedah, Malaysia
 David Michael Obrzut, Mentor
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 Phyllis Ann Peterson, Cleveland
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 Tahana A. Preston, Middletown
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 James Paul Raymondi, Canton
 Mark John Reich, Austintown
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 John Kevin Rothwell, Philadelphia, PA
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 Mark Andrew Savchuk, Novotny
 Bert D. Scialzo, Bloomingdale
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 Denise Leatta Schultz, Plaqu
 Kyoung-Sook See, Jeon-Ju, Korea
 Karyl Lynn Solze-Stoner, Fremont
 Susan Kimberley Staats, St. Louisville
 Paul Emmet Stackelberg, Kent
 Barbara Jean Stewart, Patriot
 Brian Scott Strayer, Defiance
 David John Sugar, Steubenville
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 Mark S. Tochtenhagen, McDonald
 Stephen J. Toeniskoetter, Worthington
 Frederick William Van Keuls, Rocky River
 Angela Veronica VanMeter, Mansfield
 Timothy James VanMeter, Marion
 Mark Victor Vermeulen, Columbus
 James Alan Vorbau, Toledo
 Jeri Dea Wackner, Troy
 Lonnie Roy Welch, Uhrichsville
 Clifford Lee Wellington, Granville
 Judd O'Hara Wilcox, Zanesville
 Gerard Michael Williger, Tallmadge
 Lee Robert Willis, Northampton
 Steven Scott W'isard, Cuyahoga Falls
 Eric R. Wood, North Canton
 Wai Chi Yee, Columbus
 James Robert Young, Canton
 Michael Alan Young, Parma
 Ronald Yurchishin, Yonkers, NY

College of Social and Behavioral Sciences

Dean: Joan Huber

Bachelor of Arts

Faren Beth Abrams, Cincinnati
 Sheryl Lynn Adams, Rocky River
 Steven Applegate Adams, Columbus
 J. Marc Aldinger, Cincinnati
 Spero George Alex, Dayton
 Paul Andrew Allen, New York, NY
 Joel James Alter, Dayton
 Marilyn Louise Anderson, Granville
 Katherine Angelina Anthony, Columbus
 Mark David Arendt, Brookville
 Bradford Paul Arnold, Circleville

Vincent Ariano, Columbus
 Melanie Ann Babiak, Broadview Heights
 David Brian Baden, Pepper Pike
 Brian Glenn Baley, East Brunswick, NJ
 Beatrice M. Bartram, Obetz
 Hussain Abu Baseer, Cleveland
 John Francis Baudo, Columbus
 Terry Gene Beatty, Portland, OR
 Richard Andrew Bechtel, Columbus
 Mary L. Bevens, Greenville
 Tamara Sue Bexten, Toledo
 Karen Sue Biarsky, Mansfield
 Joseph Michael Birch, Columbus
 Jeffrey Arlen Blake, Gahanna
 Virgil Mark Blevins, Columbus
 Laura Ann Bogner, Westerville
 Letitia Susan Booth, Johnstown
 Bradford Lee Bopp, Columbus
 Rebecca Kathleen Borden, Portsmouth
 William M. Boros, Richmond Heights
 Lori Lynn Boston, Kenton
 Denis J. Bowshier, Mt. Sterling
 Judith Marie Boylson, Cortland
 Leonard Michael Bram, Mayfield Heights
 Johna Sue Brenneman, West Jefferson
 Jodi Larmer Briscoe, Upper Arlington
 Kama Brockmann, Cincinnati
 Carol Beth Brown, Worthington
 Catherine Diane Brown, Grosse Pointe Woods, MI
 Deanna Lynn Brumley, New Vienna
 Christopher R. Buchan, Columbus
 Linda Catherine Bush, Gates Mills
 Bret J. Busse, Somerset
 Christine Callahan, Lorain
 Vanessa Nora Cameron, Brookfield Center, CT
 Cynthia Jean Cannon, Cincinnati
 Montana T. Cannon, Denver, CO
 Caroline Lee Carpenter, Columbus
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 Martin Jay Chumney, Dover
 Michael Anthony Colabianchi, Parma Heights
 Robert Perry Coleman, Westerville
 Nancy Lou Colflesh, Columbus
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 Carol Laura Corbett, Mansfield
 Darlene Lanette Cross, Cincinnati
 Adam Benedict Davis, Rossford
 Larry Paul Davis, Pickerington
 Benedict Edward DeDominicis, Louisville
 Mitchel Wayne Dees, Jr., Lodi
 Tonya S. Deetz, Los Angeles, CA
 Nancy Ann DeLapa, Akron
 Lisa J. DePiero, Parma
 Nancy Devine, Hubbard
 Gregg Alan Dibert, Westerville
 Lisa Ann Dickhaus, Columbus
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 Thomas Leo Dooley, Westerville
 Mark James Dorony, Parma
 Jeffrey Scott Douglas, Westerville
 Thomas F. Doyon, Kenton
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 Denice Diane Dumas, Worthington
 Susan Elizabeth Dygert, Dayton
 Alan Raymond Dynowski, Solon
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Shelia Denise Early, Cleveland
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 Patricia Ann Eder, Fairview Park
 Robert Scott Edwards, Cincinnati
 Sally Ann Edwards, Birmingham, MI
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 Tod Ellsworth, Wooster
 Charles Thomas Elson, Dayton
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 Heidi Ann Fleck, Youngstown
 Paul Edward Folkers, Cincinnati
 Mark Ross Fortunato, Poland
 Joseph Louis Franklin, Jr., Columbus
 Susan Lynne Fromuth, St. Louis, MO
 Clifford Barnett Fuller, Willoughby
 Christine Marie Gabele, Willoughby Hills
 Kari Dorothea Garnes, Columbus
 Grant Bennett Garverick, Galion
 Devon Ann Gillespie, Columbus
 Anthony Joseph Giuliani, Columbus
 Michael David Goff, Worthington
 Ronald Philip Golovan, Pepper Pike
 James Thomas Gordon, Euclid
 Jill Susan Gordon, Ligonier, PA
 Eric Earl Gorka, Mansfield
 Mary-Sue Haas, Findlay
 Lane Milton Hakel, Columbus
 Patricia Jane Haller, Worthington
 Hazel Lynette Harris, Columbus
 Robert G. Hartmann, Bexley
 Kathleen Frances Hauck, Columbus
 Johanna Hawk, Fremont
 Lisa Renee Hegemier, St. Marys
 Todd Michael Hendrickson, Perry, NY
 Joseph Dumont Heyd, Cincinnati
 Sharon A. Hicks, Shaker Heights
 Margo Colette Higginbotham, Lorain
 Julie Frances Hitt, Worthington
 Stacie Hofheimer, Norfolk, VA
 Joni Emm Holton, Rogers
 Kristen Mary Horton, Cincinnati
 Erich James Hunker, Columbus
 David Lawrence Imbroscio, Belaire
 William Edward Jackson, Columbus
 Sharon Lee Jan, Willowick
 Marybeth Jastrzemski, Cincinnati
 Kimberly Sue Jones, Madison
 Charles R. Joyce, Warren
 Lisa Annette Kaplan, Kent
 Christopher Alan Kazmerzak, Columbus
 Nancy A. Kearney, Colonia, NJ
 Alison Gaye Kehn, Pickerington
 Katherine Mary Kelly, Kettering
 Julie Ann Kessel, Lakewood
 Robert Clare Keuchler, Marion
 Christopher G. King, Columbus
 Joseph Edmund Kinstle, Mansfield
 Pamela J. Kister, Stow
 Shelly Beth Klein, Cleveland

Leslie Lee Knott, Copley
 Joyce Elen Komadina, Columbus
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 Annette Karen Kress, Arcanum
 Thomas Edward Lane, Massillon
 Jay Scott Lang, Oil City, PA
 Susan Diane Lardinals, Lexington
 Robert Michael Laubert, Massillon
 Kathleen M. Lawrence, Wadsworth
 Scott Michael Lear, Mayfield Village
 Eric Clayton Lee, Columbus
 Gail Lynn Leininger, Cincinnati
 Tori E. Lesowitz, Louisville
 Ann-Marie Lipsky, Columbus
 James Allen Loeb, Shaker Heights
 Kenneth Lee Lohiser, Painsville
 Scott Alan Longo, Springfield
 Coleen Roberta Love, Grand Forks, ND
 Jennifer Anne Luster, Kettering
 Karen Lee Maase, Columbus
 Timothy I. Maglione, Akron
 Cheryl Therese Maitino, Aurora
 Chrysoula Manavis, Dayton
 Mary Elizabeth Mang, North Canton
 Jennifer Lynne Margraf, Findlay
 Christopher Michael Marinko, Mentor
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 Mary Mae Marolf, Upper Arlington
 Foster Marshall, Jr., Columbus
 Bobbie J. Martin, Westerville
 Matthew Fredrick Glenn Martin, Columbus
 Todd Mike Mastroianni, Alliance
 John Theseus Matheos, Akron
 Juliet Marie Matteson, New Orleans, LA
 Sandra Elaine Maze, Columbus
 Gregory John McCann, Cleveland Heights
 Mary K. McClanahan, West Union
 Lisa Jane McClellan, Ironton
 Patricia Stridsberg McClure, Columbus
 Gretchen Ann McClurkin, Boston, MA
 H. Robert McCoy, Portsmouth
 Paul Stuart McCullough, Cincinnati
 Teresa Lynn McDaniel, West Carrollton
 Shaun Richard McGee, Mason
 Cathy McGovern, Bellevue, WA
 Pamela Jo Medaugh, Lancaster
 Beth Ann Merwin, Upper Arlington
 Loretta Michaels, South Euclid
 Heide Kay Miller, Wellsville
 Mary Ann Miller, Novelty
 Robert Jennings Miller, Lexington
 Ty B. Mitchell, Fremont
 Natalie Faith Miachak, Euclid
 John N. Moliterno, Girard
 Deborah Denise Moore, Cleveland Heights
 Libby G. Moore, Centerville
 Paul David Morehart, Baltimore
 Lidia Ines Moreno, Cincinnati
 Garth Samuel Morgan, Lorain
 Duwayne Walton Mosher, Cincinnati
 Jami Lynn Motil, Westerville
 Lisa Lynne Muirich, Columbus
 Maridel Claire Murray, Cincinnati
 Joy Lou Myers, Bowling Green
 George F. Nicholas, Williamsburg, NY
 Robert Dean Noble, Reynoldsburg
 Kimberly Dale Norton, Elyria

Vincent Edward Novak, Akron
 Danny Allan Nutter, Columbus
 Barbara Kay O'Donnel, Madeira
 Michel Deborah Ort O'Hara, Columbus
 Gary F. Olix, Columbus
 Nicholas H. Orphan, Canton
 Deanna Renee Orr, Reynoldsburg
 Peter Ortiz, Cleveland
 Judith Lynn Osborn, Marion
 Jeri Lee Ott, Coshocton
 Myles Anthony Owens, Englewood
 Peter Canisius Pajor, Lima
 James Alphéus Palmer, Williamsburg, VA
 Victor Peter Pasini, Columbus
 Karen Margaret Patterson, Columbus
 David Scott Paugh, Canton
 Kelli Lynne Paxton, Pataskala
 Michael Ernest Pearce, Columbus
 Mary Alice Perillo, Westlake
 Fawn Heidi Peters, Beachwood
 Richard Robert Pettus, Clinton
 Patrick Joseph Phillips, Willoughby Hills
 Diane Yvette Politi, Youngstown
 Susan Diane Potts, Dublin
 Thomas Joseph Poulin, Jay, ME
 Susan Denise Price, Grosse Pointe Park, MI
 Ronald J. Puglisi, Ashland
 Holly Ann Raible, Mill Hill, PA
 Michael Tod Ralstin, Lucasville
 Susan Elaine Rasner, Westerville
 Robin Darcy Rau, Lima
 Kevin Frances Readey, Dublin
 Randal Kevin Reagan, Westerville
 Donald Lee Reeves, Bradenton, FL
 Maria Belinda Reeves, Dayton
 Kimberly Ann Riccio, Grandview
 Steven Clark Rice, Dayton
 Diane Thomas Riggs, Upper Arlington
 Robert Taek Ro, Columbus
 Daniel Joseph Roberts, Columbus
 Michael C. Robertson, Worthington
 Wellington Frank Roemer II, Toledo
 Annette Marie Roessner, North Canton
 Sherri Lynn Rollins, Toledo
 Nick Anthony Rossi, Canton
 Ann Louise Rouse, Columbus
 Donna Jane Rowan, Parma
 Laura Lee Rowe, Westerville
 Lisa Ann Santa-Emma, Columbus
 Bradley Edward Schaffer, Columbus
 Lori Anne Schmaenberger, Columbus
 Charles M. Schnabel, Huber Heights
 Emily Suzanne Schwartz, Wyoming
 Jill Elizabeth Selkie, Worthington
 Lorraine Diane Seymour, Clayton
 Julie A. Sharer, Groveport
 Todd Alan Shaver, Akron
 Timothy Scott Shear, Columbus
 Ernest E. Shippey, Columbus
 Edwin Rankin Shirley, Caledonia
 Robert Mark Shoenfelt, Hartsville
 Judith Carol Shon, Beachwood
 David Richard Shonk, Jr., Elyria
 Dana Napoli Shook, Columbus
 David Alan Sillick, Marion
 Edna Marie Silver, Wooster
 Debra Ann Simecek-Beatty, Twinsburg
 Suzanne Frances Simmons, Cincinnati
 Deborah Susan Simon, Upper Arlington

Michael William Simon, Cleveland
 Michael David Skavaril, Columbus
 Diane Elizabeth Smith, Columbus
 Glori E. Smith, Columbus
 Heide Leigh Smith, Columbus
 Sharon Lee Smith, Cincinnati
 Cynthia Marie Snide, Columbus
 Victoria Lynn Snyder, Ashland, KY
 Steven Dean Sobek, Canton
 Kelli J. Sowers, Mansfield
 Jeffrey Michael Sparr, Providence, RI
 Amanda Kay Spies, Dover
 Steven James Spung, Roswell, GA
 Nancy Christine Staudt, Akron
 Brenda Marie Stewart, Kelowna, BC, Canada
 Polly Ann Stewart, Lima
 James Paul Stocker, Springfield
 James Michael Svagerko, Campbell
 Vicki Lynn Swingle, Medina
 John Charles Tallman, Barnesville
 Tracy Ellen Tanner, Columbus
 Janet Marie Taylor, Columbus
 Theima Ruth Taylor, Columbus
 Jennifer Thomas, Bath
 Terri L. Thomas, Upper Arlington
 *William Edward Tisch, Brooklyn, NY
 Susan Elizabeth Toth, Elyria
 Stamie Tripodis, Steubenville
 David Peter Tucky, Parma
 Christine Harvey Turney, Columbus
 Mary Louise Ucker, Columbus
 Linda A. Ullom, Mansfield
 Karina Anne Vance, Pittsburg, PA
 Angela J. Veltre, Reynoldsburg
 Kirsta Von Gruenigen, Worthington
 Janelle Wachinger, Worthington
 Lori Jean Wachtel, Fresno
 Daphne Elizabeth Wade, Columbus
 Karen Sue Waldbillig, Columbus
 Sonya Renee Walker, Dayton
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 Natalie Jean Wetly, Pandora
 Katherine Anne Wensyel, Columbus
 John Eric Westerhausen, Findlay
 Roger L. Westfield, Mansfield
 Patti Lynne Wilkenfeld, Maineville
 Dennis James Willard, Youngstown
 Jeremy Allen Williams, Norton
 Yolonda Faye Williams, Lima
 David Scott Wilson, Toledo
 Michael Ray Wood, Columbus
 Lani Dollene Yaksich, Richmond
 Kathleen Mae Yanick, Willoughby Hills
 James Elden Yates, Delaware
 Drexel Allen Yokoyama, Granville
 Steven Robert Yoo, Bay Village
 Lisa Antoinette York, Columbus
 Teresa Lynn Young, Wilmington
 Benjamin Scot Zacks, Columbus
 David Allen Zagore, Euclid
 Lynda Deana Zamora, Cleveland
 Larry D. Zimmerman, Columbus
 Mari Catherine Zuck, Sandusky
 Lisa Renee Zuckerman, Beachwood

*Bachelor of Arts in Economics and
 Bachelor of Arts in Criminology and Criminal Justice

Bachelor of Science

Donald Arthur Allen, Struthers
Nancy Elizabeth Andros, Cincinnati
Michael Herman Aronoff, Cincinnati
Gary William Avis, Columbus
Scott Robert Bankhead, Fairborn
Lois Jon Barin, Columbus
Alisa Lyman Blair, Columbus
Georgia Colleen Boggs, Hilliard
Steven Andrew Brinket, Cincinnati
Marisa Anna Capocchia, Columbus
Yintee Cheng, Medina
Kathleen Ann Connelly, North Ridgeville
Kris Patrick Corrigan, Sylvania
Laura Elizabeth Culp, Marion
Margaret C. Cunningham, Columbus
Debra Diane Dalley, Columbus
Kimberly Deirdre Davidson, Lakewood
Jo Ann Dobbert, Columbus
Marci Lee Dolan, Columbus
Suzanne Celina Drew, Wyckoff, NJ
Carol Anne Easton, Worthington
Suzanne Lynn Everhart, Chillicothe
Eric Lee Eyer, Cambridge
John Joseph Fiore II, Newark
Julie Rae Frankel, Cleveland Heights
William Philip Frankel, University Heights
Suzanne Fruth, Tiffin
Renee Cisela Fugareiz, Dayton
Shari Lynn Galster, Cincinnati
Daniel Georges, South Euclid
Deanna Maria Golden-Kreutz, Groveport
Matthew Edward Harty IV, Poland
Marty L. Helton, Greeneville, TN
Randall Derek Huggins, Ashland
William George Jelinek, Mentor
Linda Lee Jenkins, Shelby
Elizabeth Ann Johnson, Lima
Josh Alton Kapp, Canfield
Lorraine Adison Koogan, Erie, MI
Kathryn Ann Krouse, Uniontown
Charles A. Lalli, Alliance
Melisa Anne Longo, Trotwood
Margaret Mary Malone, Lebanon, NJ
Kevin D. Maltz, Beachwood
Wayne Alan Manifold, Reynoldsburg
William Darwin McCrosky II, Trotwood
Frederick A. Miller, Kinsman
Rosa Angela Minniti, Cincinnati
Daniel Joseph Moehrmann, Columbus
Bruce Allen Morris, Columbus
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Deborah Kay Osswald, Brookville
Timothy Francis Perna, Toledo
Trent Anthony Petrie, Champaign, IL
Amy Loren Pope, Baltimore
Kerzeth Paul Reeder, Genoa
Leslie Diane Remington, Shaker Heights
Wendelin Rae Ringel, Cincinnati
Jay M. Rovniak, Mentor
Richard Paul Rowburrey, Sherman, CT
Bonnie E. Schall, Stow
Jillran Shapiro, Lyndhurst
Debra Ann Simlo, Maumee
Carrie Lynn Smith, London
Fawn Michele Smith, Cleveland
Renee Ellen Soloway, Worthington
Michael Patrick Spangler, Columbus

Yvonne Joy Styrcula-Paugh, Tipp City
Tania Irene Terpylak, Strongsville
Darlene Thomson, Marysville
Barry Richard Vandergriff, Cincinnati
Joanne Marie Velly, Middleburg Heights
Frederick Kent Williams II, Columbus
Susan Marie Zastrow, Columbus
Jan E. Zehner, Lakewood

School of Journalism

Bachelor of Arts in Journalism

Sally Anne Arcady, Cincinnati
Teresa Marie Armbruster, Cincinnati
Nicholas Ernest Bandy, Worthington
Brenda Louise Beach, Chesterland
Donald R. Bell, Columbus
Anthony Gene Bell, Huron
Geowanda CIG Britton, Indianapolis, IN
Michele Diane Bruce, Worthington
Andrew Shinn Brunk, Worthington
Elizabeth Marcelin Ray Bryant, Cleveland
Julia Marie Carr, Columbus
Mary Kathleen Cassese, Cleveland
Carol Anne Claypool, Marion
Marilyn Elizabeth Cordial, Powell
Michael William Cover, New Philadelphia
Mitchel Niel Cox, Columbus
Brian Dennis Daher, Lakewood
Paula Landless Daniele, Beavercreek
Lisa Ann D'Aurora, Steubenville
Debra Lynn Diamond, Pepper Pike
Lawrence Leo Dieker, Jr., Columbus
Patrick Michael Ford, Chillicothe
Allen R. Glass, St. Henry
Kim D. Grossman, Shaker Heights
Deborah Lynn Hartsough, Cincinnati
David Henry Hermann, Cincinnati
Robin Jill Hess, Toledo
Cheryl Ann Hill, Mansfield
Julie Ann Hurst, Wauseon
Steven Thomas Jefferis, Dayton
Eva Marie Kademeros, Wheeling, WV
Michael A. Kucera, Moreland Hills
Kacee Deen Lahmon, Holley, NY
Genevieve Lataillade, Queens Village, NY
Elizabeth Ann Laughlin, Upper Arlington
Lola Zafiria Marchan, Columbus
Nancy Margaret McCloud, Maumee
Janice S. McCoy, Dayton
Leta Sue McKenzie, Frostburg, MD
Brenda Anne Meunier, Columbus
Stephanie Ann Montgomery, McComb
Kathryn Violet Nehrenz, Seville
Melanie Renee Nunnally, Carrollton, GA
Twila Denise Ransburgh, Grove City
Karen Marie Roebuck, Parma
Pamela Sue Ross, Wadsworth
Evan David Rossio, Columbus
Michael F. Rutledge, Cincinnati
Thomas Anthony Ryan, Lorain
Eric Raymond Scott, Dayton
Jennifer Ann Sensesbaugh, Centerville
Dennis Gregory Shaffer, Mansfield
Jane Marie Simpson, Marion
Mary Beth Sovacool, Cuyahoga Falls

Ruth Ellen Sternberg, South Euclid
Mary Patricia Sweeney, Cincinnati
Denise Joy Talebi, Columbus
Douglas Brian Tanner, Zanesville
Katherine E. Temple, West Bloomfield, MI
Linda Christine Thomas, Perrysburg
Jon Kevin Volko, Kent
Lou Ann Whitnire, Mansfield

College of Administrative Science

Dean: H. Justin Davidson

Bachelor of Science in Business Administration

Paul Bradford Abbott, Painesville
Christine Veronica Adamcik, Bay Village
Peggy Elaine Adamez, Reynoldsburg
Christine Adams, Newark
Gerald Anthony Adams, Sr., Lorain
Kristy Lynn Adams, Galena
Kelly Lee Adkins, Canal Winchester
Carey Ann Ahearn, Columbus
Alan Dawson Alford, Newbury
Joseph Roger Allen, Lake Charles, LA
John Albert Aman, Jr., Hartsville
Carla Marie Anderson, Barberton
Glenn Corey Anderson, Kenton
John Henry Anderson, Tiffin
Lisa Jane Anderson, Dublin
Robert Craig Anderson, Findlay
Louisa Ann Arceri, Elmford, NY
Keith W. Arnold, Columbus
John Barton Atkinson, Elyria
Susan P. Baikerman, Cleveland
Thomas John Bakan, Kettering
Barbara Clare Baker, Sylvania
Marc Robert Baldwin, Columbus
Linda Carol Bamber, Cincinnati
Christine Lynn Barklage, Milford
Christopher Tod Barnhart, Worthington
Lynn Marie Bartholomew, Columbus
Joni Lynn Baucom, Versailles
Jamie Belle Beard, Reynoldsburg
Julian Eve Beatty, Lorain
Aaron Albert Beaver, Columbus
Suzanne Bednarchik, Maple Heights
Marianne Louise Beever, Newark
Joseph Belinske IV, Toledo
Douglas Bryson Benedetto, Columbus
Kathleen Rose Benjamin, Akron
Debra Ann Benson, Washington Court House
David John Benzing, Cincinnati
Daniel J. Berk, Rocky River
Lisa Marie Berk, Rocky River
Victoria Bernard, Columbus
Michael Joseph Besancon, Orville
Richard George Bialosky, Shaker Heights
Paul Bradley Bianzky, Lyndhurst
Julie Marie Bischof, Port Charlotte, FL
James DesPortes Bishop, Columbus
Larry Darnell Blanchard, Columbus
Amy Bobbitt, Columbus
Debra Lynn Bodnar, Akron
Brenda Kaye Bom, Marietta
Joyce Ellen Bootes, Worthington

Brian Joseph Bopp, Tipp City
 Heidi Lynne Borden, Reynoldsburg
 Amy Lynn Bostic, Columbus
 Anthony Edward Boude, Cincinnati
 Ann Marie Boudinot, Logan
 Danny Carl Bower, Gahanna
 Diane Kay Boxwell, Toledo
 Jeffrey Harrel Boyce, Copley
 Justin Joseph Boyle, Mansfield
 Mary Ellen Boyle, Worthington
 William Kenneth Brandley, Fairfield
 Reed Eugene Brentlinger, Heath
 Dana Eugene Bright, Sylvania
 Brian Michael Brinkers, Wakefield, MA
 Michael F. Broderick, North Bellmore, NY
 Danette Marie Brooks, Wooster
 Kathleen Marie Brooks, Westerville
 Beverly L. Brown, Lucasville
 Gregory W. Brown, Avon Lake
 Mark Edward Brown, Sunbury
 Robin Brown, Alliance
 Robyn Lee Browne, Centerville
 Matthew Joseph Bruns, Columbus
 Mark Stephen Buddeimeyer, Columbus
 Brian Michael Buerkle, Columbus
 Cheryl Lynn Burford, Stryker
 Claude Joseph Burg, Pittsburgh, PA
 John Edward Burke, Louisville, KY
 Lucia Ann Burneson, Lima
 Pamela Jean Burns, Columbus
 Stephen William Burnside, Worthington
 Randall Martin Bury, Gibsonburg
 Theresa Margaret Busch, Cincinnati
 Robin Brooke Butler, St. Joseph, MO
 Robin Lynne Byerley, Grafton
 Vickie Lynn Calland, Columbus
 Deborah Ann Campbell, Wapakoneta
 Lisa Beth Campbell, Columbus
 Tina Louise Carcaterra, Hamilton
 Lisa Dawn Carroll, Westerville
 Christopher Eric Carter, Columbus
 David Lee Carter, Columbus
 Daniel John Cash, Garfield Heights
 Richard Luis Castillo, Pleasantville, NY
 Michael A. Casto, Mansfield
 Joseph Dan Castrataro, Mayfield Village
 Steven D. Caudill, Gallopais
 Jeffrey D. Chadbourne, Willoughby Hills
 David Orville Chambers, Huron
 David Pierce Chandler, Gallion
 Harry G. Chapin III, Lyons, NY
 René Ann Chappano, Mingo Junction
 Velemir Cicin, Redlands, CA
 John William Cinadi, Brecksville
 John Richard Cirata, Shelby
 Robert Allen Clement, Spencer
 John David Clemenishaw, Silverlake
 Susan Elizabeth Clifford, Homewood, IL
 Kevin Michael Cline, Columbus
 Brett Alexander Cobb, Louisville, KY
 David Alan Cohen, Columbus
 Schelle Renee Coldwell, Bucyrus
 Raymond Mario Conlin, Turnersville, NJ
 David Brian Conkon, Rancho Palos Verdes, CA
 David Anthony Connelly, Rocky River
 David Allen Conner, Columbus
 Sheila Frances Connor, Logan
 Patricia Jeanyne Cook, Berea
 Lori Ann Coombs, Toledo

John Charles Costello, Columbus
 Ann Catherine Coultrip, Marietta, GA
 Jeffrey William Cowgill, Worthington
 Julie Ann Criss, Steubenville
 Jennifer Judith Crites, Gahanna
 Brian Dean Cronenwett, Galton
 Tracy Ann Cullers, Celina
 Christopher F. Cullion, Cincinnati
 Jill Ann Cummings, Columbus
 Philip Richard Cummings, Cincinnati
 Michael Lynn Curry, Columbus
 Martha Louise Cutright, Chillicothe
 Leonard George Damico, Westerville
 Trenton Michael Darling, Beavercreek
 Lesia M. Darmochwal, Parma
 Candace Suzanne Darnell, Columbus
 Richard Thomas Daschner, Sylvania
 Stephanie R. Davenport, Columbus
 Stuart Alan Davidson, Akron
 Wendy Lynn Davidson, Parkman
 Cynthia Ann Davis, Bridgeport
 James Clarke Davis, Mansfield
 Russell Paul Davis, Hubbard
 Vicki Ann Davis, Jamestown, NY
 Eric David Deardorff, Dayton
 Steven Lee Dearing, Kettering
 Gretchen Faye Deeter, Greenville
 Lisa Anne DeLong, Amherst
 Brian Lewis Delphia, Columbus
 Ronald Ira Denman, Port Jefferson, NY
 David Thomas De Prisco, Toledo
 Brian Joseph Dew, Columbus
 Rebecca Anne Diamante, Dayton
 Amanda Ann Dickason, Galena
 Timothy David Diebolt, Columbus
 John Michael Dietrich, Parma
 Joy Elaine Dietrich, Van Wert
 David-Arthur Bonzon Diguangco, Manila,
 Philippines
 Dennis Alan Dikline, New Albany
 Jo Delores Dilgard, Newark
 Lisa Ann Dillon, Worthington
 Lisa Dawn Dillon, Worthington
 Steven Douglas Dinan, Zanesville
 John Joseph Dindal, Findlay
 Colleen Lynn Disbrow, Troy
 Bret Allen Dixon, Wilmington
 Stephen Gustave Doerfler, Pittsburg, PA
 Michael Dokmanovich, North Canton
 Laura Lynne Dolce, Mansfield
 Kerry Michael Donahue, Powell
 Cedric Foster Dorcas, Sylvania
 Diane Susan Dorsey, Martins Ferry
 Gregory Charles Dowell, Middleburg Heights
 James Edward Downey, Columbus
 Jan Marie Doza, Columbus
 Christine Lynn Drake, Upper Arlington
 Todd Leroy Drew, Chillicothe
 Jeffrey Allen Drumm, Granville
 Michael Edward Duda, Hudson
 Benton S. Duffett III, Alexandria, VA
 Scott Stephen Duko, Canfield
 John Martin Dumbola, Steubenville
 Christopher C. Dumford, Newport Beach, CA
 Robert Michael Durlavey, Dayton
 Thomas Edward Dunn, Centerville
 Richard White Dunson, Fairview Park
 Patricia Ann Durham, Columbus
 Marylou Eads, Westerville

Robin Lynn Earnest, Mansfield
 Micheal Paul Edwards, Akron
 Karen Eisenman, Columbus
 Louis Joseph Elbert, Elyria
 Ronald Joseph Eichert, Brea, CA
 Ronald Patrick Elliott, Hamilton
 Debora Lee Elzey, Columbus
 David Engelberg, University Heights
 Holly Sue Engle, Mt. Sterling
 Bianca Grace Enrione, Cincinnati
 Daniel Paul Eppley, Zanesville
 Verna Jean Entsminger, Westerville
 Daneta Leigh Essex, Columbus
 David Carlyle Evans, Painesville
 Kathleen Mary Ewald, Chesterland
 John D. Faier, Brunswick
 Nicole A. Fares, Columbus
 Stephen Douglas Farley, Columbus
 William Allen Faster, Fairview, PA
 Karen Lucille Faulk, Dublin
 Rebecca Ann Federspiel, Columbus
 Kenneth Lewis Fedrick, Dayton
 Robert Dale Fein, Girard
 Mary Gwen Ferguson, Ravenna
 Robert Hugh Ferguson, Pittsburgh, PA
 Margaret Bushway Ferrell, Holiday, FL
 Gregory Alan Filipkowski, Brook Park
 Diane Leona Finn, Eikda
 Jacqueline Marie Fisher, Waynesville
 Lori Lynn Fisher, Newark
 Vicki Lynn Fisher, Columbus
 Kenneth Shane Fitzgerald, Columbus
 Michelle Jeannine Fix, Columbus
 Gregory William Fletcher, Columbus
 Michele C. Florio, Columbus
 Jacquelyn Lee Fluhrer, Columbus
 Margaret M. Flynn, West Chester
 Brady James Followay, Creston
 Bee Chyn Foo, Singapore
 Benjamin Bryan Foster, Groveport
 David Paul Foster, Duluth, GA
 Anthony Luciano Foti, Lyndhurst
 David J. Fox, Gallion
 Jeffrey James Fox, Columbus
 Richard Anthony Frank, Coshocton
 Corinne Marie Friedl, North Canton
 Lynne Ivy Friedman, Mansfield
 Michael Christopher Friess, Akron
 James Charles Frooman, Cincinnati
 Ginger Ann Fuller, Chillicothe
 Michael Cirilo Galang, Westlake
 Ricardo Gallisa, Highland Heights
 Richard J. Garber, Lyndhurst
 Carlos Jesus Garcia, Columbus
 Thomas Patrick Gardner, Worthington
 John Wayne Garrett, Ashland
 Lori Beth Garwood, Columbiana
 Donald Edgar Gawne, Cortland
 Lisa Jean Geffer, Middleburg Heights
 Sonja Kay Gepphart, Westerville
 Penny Renée Gerstenslager, Massillon
 Iain Wilson Gilchrist, Madison
 Douglas Scott Gilmore, North Canton
 Chris Ann Gipp, Westlake
 Caroline Jean Gissingier, Clinton
 Gail Irene Glaser, Lebanon
 Monika Ann Gloeckler, Copley
 Michael Joseph Glowacki, Aurora
 John Patrick Glynn, Kettering

Karen Beth Golis, Columbus
 Christopher Jude Golonka, Richmond Heights
 Francisco B. González, San Juan, PR
 Carol Suzanne Gordon, Columbus
 Jo Long Gorringer, Gahanna
 Arthur Bumett Goss II, Bellevue
 Kyle Andrew Gould, Timberlake
 Jeffrey Stewart Green, Canal Fulton
 Robert Marshall Green, Urbana
 Howard Stewart Greer, Columbus
 Lillian Carole Griffith, Dayton
 Tina Marie Grivois, Gahanna
 Kély H. Gross, Columbus
 Michelle Marie Grube, Defiance
 Jeffrey Philip Guagenti, Lima
 Joseph M. Guillen, Chicago, IL
 Jay William Haffner, Kettering
 Michele K. Hager, Dayton
 Clyde Paul Haque, Reynoldsburg
 James Edward Hatabis, Newark
 Eilene Marie Halse, Dayton
 Bonita Leah Hambor, Gahanna
 Mohd Subki Hamid, Durian Tunggal, Melaka,
 West Malaysia
 Pamela Sue Hancock, Columbus
 Harry Joseph Haney III, Columbus
 Vincent R. Harrington, Columbus
 James Arthur Harris, Newark
 Joseph Norman Harryhill, McDonald
 Carol Sue Hartranft, Lancaster
 Ted Lawrence Hauser, Akron
 Jana Deanna Havens, South Vienna
 Jon Patrick Hayes, Akron
 Jackie Ann Hazen, Wooster
 Michael James Heath, Monclova
 Sandra Kay Heckman, Perrysburg
 Michael Robert Hein II, Columbus
 Walter F. Heine III, Ashley
 Pamela Lynn Henning, North Canton
 MaryBeth Henninger, Fairview Park
 Janice Marie Henson, Sheffield Lake
 Bradley Alan Herdman, Elyria
 Maureen Anne Herforth, Sylvania
 Richard Alan Herman, Beachwood
 Scott Michael Herron, Warren
 Connie Lynn Hershberger, West Liberty
 Francis A. Herzog, Jr., Ashtabula
 Douglas Matthew Heschke, Brunswick
 Norman Daniel Hessler, Columbus
 Douglas Paul Heuberger, Shelby
 James Christopher Heye, Caledonia, MI
 Mary Elizabeth Hibbs, Kirtland
 William Thomas Hicks, Crestline
 Vicki Lynn Hiderbrand, Columbus
 Christopher Scott Hill, Dix Hills, NY
 Cheryl Lynn Hitzeman, Westerville
 Karen Ann Hochwarth, Cleveland
 Andrew John Hohenbrink, Toledo
 Linda Louise Hohenshil, Doylestown
 Shelley Anne Holcomb, Export, PA
 William Gerard Holehouse, Coshocton
 Gail Susan Holiday, Westlake
 Terrence Martin Hood, Columbus
 Pamela Renée Horvath, Lima
 Polly Anna Hostler, Mansfield
 Gary Lee Houghton, Simi Valley, CA
 Lisa Kay Howard, East Liverpool
 Suzanne Elaine Huckerriede, St. Marys

Dana Sue Hughes, Cambridge
 Laurie Lyn Hughes, Hendrysburg
 Joan M. Huiet, Xenia
 Julie Lynn Hunter, Westerville
 Val William Hunter, Medina
 Joy Hussey, Leesburg
 William J. Hutterhower, Cincinnati
 Kevin Michael Hyser, Fairborn
 Stuart Heyward Ilian, Milwaukee, WI
 Mark James Imboden, Columbus
 James Alexander Innes, Vermilion
 Demos Christ Ioannou, Warren
 Corey Scott Isaacson, Columbus
 Ellen Marie Isabel, Columbus
 Amy Ann Jackson, Kettering
 Brian David Jackson, Akron
 Sharon Ann Jaeger, Dayton
 David Richard James, Wickliffe
 David Stephen Jandasek, Brighton, MI
 Susan Marie Jansen, Celina
 Arthur Hale Jay, Akron
 Wendy Ann Jennings, Kalamazoo, MI
 Andrea Eilen Joffe, Columbus
 Catherine Marie Johns, Mansfield
 Anthony Lole Johnson, Columbus
 Danny Edmond Jones, Cincinnati
 Lisa Diane Jones, Columbus
 Richard Anthony Sanderson Jones, Worthington
 Sandra Kay Jordan, Canal Winchester
 Sara Jane Jordan, Cincinnati
 Diane Louise Jungbluth, Rocky River
 David Robert Junker, Cincinnati
 Tracy Anne Kairis, Columbus
 Robert Gerard Kasubinski, Elyria
 Kathryn Mary Kasych, Cleveland
 Wonhee Ke, Arlington, VA
 Nancy Jane Keenan, Wheaton, IL
 Kathleen Marie Kelley, Reynoldsburg
 James Edward Kelly, Toledo
 Jana Sue Kelly, DeGraff
 James Andrew Keplar, Columbus
 Jacqueline Claire Kern, Westfield, NJ
 Kenneth Alan Kerns, West Chester
 Janet Lynn Kerwood, Akron
 Marsha Arlene Kidner, Coshocton
 Jeffrey Todd Killingier, Cincinnati
 Peter Kim, Columbus
 James Alan Fitch King, Youngstown
 R. Brian King, Zanesville
 Kenneth Jay Kirshenbaum, Randolph, NJ
 Douglas Edward Kitchen, Columbus
 Margaret Blanche Klaus, Columbus
 Andrew J. Kleinschmidt, Cincinnati
 Kevin J. Klingel, Marion
 Gary Francis Klonowski, Wheaton, IL
 Kelli Ann Klus, Youngstown
 Holly Lynn Klute, Cincinnati
 Scott Paul Klute, Richmond, IN
 Lauranne Elisabeth Klyce, Bexley
 Kimberly Kay Knapp, Columbus
 Theresa Ann Knecht, Columbus
 Tyson Frederick Koch, Cincinnati
 Gerard Michael Kohrmann, Columbia City, IN
 Sheri Lynn Koprowski, North Canton
 Douglas Edward Kramer, Columbus
 Paul Patrick Kramer, Lorain
 Annette Mathilde Krauss, Seven Hills
 Joanne Marie Kreinbrink, Findlay
 Bryan Howard Krosin, Cleveland

Douglas Paul Kuch, Columbus
 Timothy Gerard Kuhlman, Lima
 Thomas John Labbe, Fairfield
 James Michael Lachey, St. Henry
 Larry James Laface, Norwalk
 Kok-Chiew Lai, Ipoh Perak, Malaysia
 Nancy Susan Lake, Kettering
 Thomas Charles Lamp, Alexandria, VA
 Ann Dorothea Landschütz, Coshocton
 Patrick Anthony Lang, Spring Valley
 David Ellis La Rue, Westerville
 Jeffrey Fred Lash, Tipp City
 Joan Louise Latz, Columbus
 Matthew Thomas Laux, Elyria
 Shawn Eric Law, Orwell
 Bradley Evan Laxson, Beavercreek
 Scott Alan Lechlak, Toledo
 Jamie Suzanne LeCompte, Columbus
 James Brian Lee, Belpre
 Karla Kay Leffer, Ontario
 Paul Arpad Legeza, Seven Hills
 Robert Steven Leiter, Columbus
 Carmen Marie Lemieux, St. Joseph, MI
 Frank Joseph LesRose, Columbus
 Nadine Marie Lesinski, Cincinnati
 Jennifer Margaret Lesuer, Richmond Heights
 Susan Y. Leung, Cincinnati
 Todd Michael Lewis, Waukesha, WI
 Phoebie Tsai-Hong Li, Bangkok, Thailand
 Josephine M.K. Liauw, Semarang, Indonesia
 Jenai Ann Lincoln, Oregon
 Douglas Mark Loewe, Columbus
 Dwight Earl Long, Chillicothe
 Kevin Deuane Long, Canal Winchester
 Christopher Joseph Loria, Delaware
 Bernard Mark Losekamp, Columbus
 Matthew Dean Lowe, McConnesville
 Beth Ann Lucas, Columbus
 John Joseph Luecken, Jr., Akron
 Stephen Thomas Lupinetti, Steubenville
 Timothy Victor Luther, North Canton
 Richard Howard Lyon, Fredericktown
 Amy Deborah Mack, Chesterland
 Karin Marie Madsen, Chesterland
 Christopher M. Malich, Chesterland
 Michael Earle Malone, Euclid
 Michael Lawrence Manning, Columbus
 Jennifer Margolis, Lorain
 Phillip Arnold Marlowe, Akron
 Robert Hazen Martin, Delaware
 Patricia Ann Martino, Columbus
 John Thomas Maskas, Columbus
 Ray John Massa, St. Clairsville
 Fauziah Mat Hassan, Kuantan, Pahang, Malaysia
 Mark Charles Mayers, Bowling Green
 Crystal Lynn Mayle, Canton
 Patrick Michael Mayock, Parma
 Kristy Lee McCroskey, Toledo
 Caroline Susan McCummins, Cortland
 Julia Ann McFarland, Wooster
 Deborah Ann McGuinea, Cleveland
 Matthew Dean McIntire, Columbus
 Jeffrey Alan McKinney, Cincinnati
 Paige James McMahon, Stuart, FL
 James Anthony McNamara, Dayton
 Keith Peter McNamara, Worthington
 Mary Megan McSheffery, Columbus
 Karen Lynn Melman, Dayton
 Melody Heather Merrick, Columbus

* Awarded Posthumously

Scott Allen Metz, Marion
Mary Margaret Michael, Columbus
Linda Ann Michaels, Celina
Fanny Michalos, Conneaut
Michael Grant Michel, Delaware
Robert Emerson Midkiff, Columbus
Mary-Ellen Midolo, Centerville
Shari Lynn Miles, Warren
Denise Sue Miller, Baltimore
Stuart John Miller, Bay Village
Thomas Franklyn Miller, Barnesville
John Anthony Minch, Euclid
Marcia Ann Mitchell, Cincinnati
Thomas Keith Mixer, Columbus
Christopher Paul Mohler, Napoleon
Donna Sue Moldenhauer, Worthington
Lisa Ann Monaco, McMurray, PA
Michael Joseph Morrin, Olmsted Falls
John Montague, Cincinnati
Jonathan Kevin Mooers, Columbus
Ann Cristine Moore, Gainsville, GA
Ann Louise Moore, Ohio City
Christopher Evan Morgan, Findlay
Laure Elise Morgan, Middletown
Stuart Donald Morgan, Columbus
William Geoffrey Morgan,
Port Jefferson Station, NY
Wilfred Kay Morris, Jackson
Winifred Kay Morrow, Canton
Stuart Thomas Motsinger, Bay Village
Marilyn Eileen Mounts, Prospect
Stephen Goodson Mullins, Radcliff, KY
Michael Thomas Munch, Mansfield
Tammy Ann Murgul, Westerville
Kevin Leonard Myers, Gahanna
Abby Jo Nader, Warren
Rachna Narang, Columbus
Randi Sue Nelkin, Akron
Kenneth John Nestman, Old Tappan, NJ
Karen L. Newman, Upper Sandusky
Victor Fredrick Newman, Columbus
Chi Phuong Nguyen, Cleveland
Patrick Alan Nichols, Whitehall
Stephanie A. Niemeyer, Toledo
Daniel Frederick Noll, Zanesville
Phillip Leonard Norpoth, Circleville
S. Diane Nutter, Delaware
David Michael Oberfield, Newark
Joseph Brian Oberting, Reynoldsburg
James Joseph O'Connor, Columbus
Edward Wittwer Officer, Albuquerque, NM
Jeffrey E. Oleksinski, Libertyville, IL
Lucinda Campbell Onosko, Columbus
James Robert Orinski, Columbus
Suraya Othman, A. Setar, Kedah, Malaysia
Thomas Gerard Otter, Fairview Park
Mark Robert Owen, Columbus
Antonio Belmonte Paat, Jr., Maumee
Mark David Pace, Walton Hills
Keith Joseph Pacella, Upper Arlington
Thomas Kennedy Pakes, Perrysville
Robert James Pantano, Cincinnati
Howard Ellis Parker, Columbus
Tara Ann Pattyn, Bay Village
Todd Christopher Paul, Massillon
Scott Alan Pauley, West Carrollton
Michele Marie Paulmann, Columbus
Susan Perkins, Centerville
Vincent Lee Persiani, Dillonvale

Mark Albert Peterson, Columbus
Timothy Scott Pettus, Columbus
Eric John Pfaff, Rocky River
Kim-Thuy Pham, Gahanna
Michael David Phelps, Mansfield
Edward Asher Phillips, Newark
Patrick Joseph Phillips, Willoughby Hills
Thomas Joseph Pierce, Elyria
Jennifer Jepsen Plikington, Columbus
Cynthia Lee Piloseno, Clairton, PA
Susan Louise Pistler, Dallas, TX
Paul Joseph Pizzola, Columbus
Jeffrey David Pleta, Pittsburgh, PA
Joan Aileen Pletcher, Caledonia
Roy Peet Poillon, Montclair, NJ
John Scott Popolin, Cincinnati
Jay Joseph Pordani, Lyndhurst
Cynthia Ann Porter, Elyria
Jeffrey Potocnsak, Westlake
Athena Lynn Poulos, Canton
Donald Walter Powell, Jr., Dayton
Lori Ann Powell, Portsmouth
Robert Gerard Powers, Westerville
William Gilmore Powers, Belmont, MA
Lesli Joyce Prager, Mayfield Village
Daniel Stephen Pribe, Toledo
Joan Albert Puccetti, Toledo
David William Radis, Cleveland
William Andrew Ragan, Jr., Cleveland
Janet Ann Raggio, Columbus
Todd David Rasey, Napoleon
William Park Rauch II, Toledo
Timothy Charles Reil, Bedford
Laura Beth Reisch, Worthington
Christine E. Retkwa, Colonia, NJ
Diane Elizabeth Reynolds, Canal Winchester
Susan J. Reynolds, Akron
Gregory Lee Rhinehart, Canfield
Jeffrey Alan Riblet, Worthington
Michael Anthony Ricci, Erie, PA
Peter J. Richards, New Lexington
Susan Lynne Richards, Willoughby
Julie Bradley Ridgway, Canal Winchester
Ralph Wayne Ries, Jr., Columbus
Paul Richard Riewe, Hilliard
John Leo Rindler, Kettering
Kathryn Mae Ring, Cincinnati
Jacqueline Rivera, Carolina, PR
Sharolyn Jean Robinson, Cleveland
Tim J. Robinson, Bexley
Michael Vincent Rocca, Zanesville
Ellen Jean Roebuck, Wadsworth
Mary Ellen Rogers, Columbus
Julie Anne Rohletter, Columbus
Kevin B. Rohrs, Holgate
Howard Jay Rood, Columbus
Todd Andrew Rose, Hammondsville
Anne Patricia Rosenfield, Canton
Jerry Jay Rosenstock, Canton
Gregory Temoleon Rousos, Perrysburg
Theresa Maureen Rozic, Mansfield
Mark Allen Ruby, New Philadelphia
Jon J. Rudy, Sidney
Robert C. Russell, Gahanna
Douglas Neal Ruwe, Centerville
Jon Scott Sablowsky, Short Hills, NJ
James Vincent Sandry, Coshocton
Thomas Joseph Sansone, Columbus
Kathy Lynn Watson Sarvis, Akron

Jodette Lynn Savety, Columbus
Linda Susan Savinsky, Amherst
Robert John Schedel, Cincinnati
Sharon Lynn Schnauffer, Columbus
Jamie Bennett Schneider, Akron
Barry Lee Schofield, Delroy
John Warren Schreiber, Maple Heights
Charles Lee Schroeder, Ottawa
Joseph Alan Schueler, Bloomville
Dawn Teresa Schureck, Lexington
Kimberly Ann Schurr, Chagrin Falls
Frank Louis Schwartz, Scottsdale, AZ
Jack Robert Scott, Geneva
Jeffery Jay Scott, Van Wert
Peter Alan Scott, Mansfield
Barry James Seenberg, Akron
Darrel Lynn Seibert, Stow
James Mark Sellers, Loudonville
Sharon Lee Sennett, Grove City
J. Allen Sensabaugh, Beckley, WV
Richard Robert Serio, Twinsburg
David C. Severt, Coldwater
Timothy Wayne Shaffer, Marion
Scott Edwin Shambaugh, Farmington Hills, MI
Joan Marie Shawver, Huronville
Kimberly Ann Shay, Columbus
John Francis Sheehan, Jr., Toledo
Julia Ann Sheehan, Toledo
Steve Allen Shelby, St. Mary's
Jeanine Ann Shepherd, Belmont
Steven J. Shin, Lima
Christopher John Shults, Beachwood
Linda Suzanne Shutt, Lima
Martha Dean Sisto, Shaker Heights
Laura Ellen Siegelman, Mayfield Heights
Michael Sylvester Sinacola, Columbus
Egon P. Singerman, South Euclid
Douglas Scott Sladoje, Columbus
Laura Ellen Slater, Millersport
Mary Alice Small, Delaware
Daphne Lynn Smith, Solon
Jean Annette Smith, Cincinnati
Julia Ann Smith, Columbus
Karen Ann Smith, Medina
Lisa Deanne Smith, Brentwood, TN
Richard P. Smitherman, Columbus
Denise Lynn Smuckler, Canton
Cheryl Lynn Snyder, Massillon
Eric Alan Snyder, Lima
Scott Evan Soble, Cleveland
Angelika Agnes Spahl, Rochester, NY
John Gregory Spangler, Columbus
Rodney Daryl Sparks, Whitehall
Susan Ann Sparks, Bethlehem, PA
Maria Katherine Spetsios, Warren
Deborah Jo Spice, Wadsworth
Kathleen Mary Sprenger, Toledo
Cheryl Linn Spriggs, Columbus
Todd Alan Stafford, Bellefontaine
James W/ater Stahl, Dover
Kent Michael Stahl, Xenia
Marvin Dale Stalter, Grove City
Tina Marie Stapleton, Marion
Stephen James Statter, West Chester
Tameia Lynn St. Clair, Bradner
Robert A. Stefanowski, Troy, MI
Michael David Steines, Warren
Kristin Ellen Stenberz, Fairview Park
James D. Stitzlein II, Glennont

Debbi Lynn Stoner, Marion
 Douglas Jacob Studer, New Washington
 Joseph C. Stucky, Amlin
 Mark B. Sturgis, Van Wert
 Hassan Basri Suherman, Jalan Langsa, Medan, Indonesia
 Sugianto Suherman, Medan-North Sumatra, Indonesia
 Kwan Sun, Dallas, TX
 Sandra Irene Surgen, Stow
 Todd Alan Sutton, Altica
 Sheri Ann Swanson, Worthington
 Lisa Ann Swedersky, Fremont
 Deborah Lynn Swope, Ashland
 Wah Khoon Tan, Singapore, Republic of Singapore
 Lisa Ann Tarantelli, Worthington
 Richard W. Taylor, Dayton
 David Eugene Thomas, Convoy
 Edward Charles Thomas, Euclid
 Tamera Sutton Thomas, Dublin
 William Arthur Thomas, Centerville
 LaMarcie Beneth Tiggs, Beachwood
 William Louis Tolbert, Jr., Martins Ferry
 Susan Kay Tom, Berlin Heights
 Sally Jean Tomlinson, Ravenna
 Gabriella Antonella Totani, Salem
 Joanna Gina Totani, Salem
 Ronald Arthur Trager, Jr., Newark
 John Clinton Trees, Dublin
 James William Tucker, Toledo
 Michael Andrew Turner, Columbus
 Timothy N. Turrirtin, Atlanta, GA
 Kathryn Yvonne Tyus, Columbus
 Mark Stephen Ungar, Columbus
 Carla Jean Unger, Westlake
 Joanne Unites, Columbus
 David Leonard Urton, Columbus
 Howard G. Van Bortel, Palmyra, NY
 David Lee VanDeGrift, Rossburg
 Thomas J. Van Echo, Columbus
 Deborah Louise Vanko, Newark
 Deborah Ann Varrasco, Columbus
 Kevin Michael Vaselakes, Bridgeport
 Lisa Ann Vergamini, Dayton
 Roy Joseph Villella III, Canton
 Inka May Visser, McMurray, PA
 Michael James Vittek, Hockessin, DE
 David Shannon Wade, Upper Arlington
 Bradley Loren Wagner, Bloomdale
 Kirk James Wald, Dickinson, ND
 Stan Duane Walker, Bryan
 Andrew James Wall, Columbus
 Tammy Marie Wallace, Newark
 Jacqueline Suzanne Walter, Toledo
 Deirdre Ward, Wooster
 Mark Anthony Warner, Akron
 Charlotte M. Watkins, Worthington
 James Michael Weaver, Toledo
 Steven Gordon Wedge, Grove City
 Mark David Weider, Troy
 Richard Michael Weinberg, Moreland Hills
 Robert Lee Weisbrodt, Marion
 Scott Eric Weisenberger, Grove City
 Charles Robert Wertz, Jr., Clayton
 Lisa Lynn Wessel-Moore, Pickerington
 Michele Lynne Wessinger, Newark
 Darlene Sue West, Gallon
 Steven Douglas Westerman, Westerville
 Lawrence Howard Wexler, Savannah, GA

Patti Jean Wheeler, Kent
 Craig Robert White, Marengo
 John C. Wilcox III, Walnut Creek, CA
 Dawn Lachelle Wild, Shadyside
 Richard Allen Williams, Columbus
 William Mark Williams, Akron
 Stephen Douglas Wilks, Lima
 Christina Lynne Wilson, Newark
 Gary Lee Wimer, Newark
 Kenneth Howard Wine, Rocky River
 Susan Jo Wintand, Pickerington
 Thomas A. Wischmeyer, Jr., Mayfield Heights
 Kelli Lynn Wisecup, Washington Court House
 Timothy Lee Wohlstein, Columbus
 Philip David Wolf, Buckeye Lake
 Kelly Day Wood, Upper Arlington
 Kwan Kee Woon, Singapore, Republic of Singapore
 Nazliah Yaakup/Omar, Kedah, Malaysia
 Michael John Yaufman, Ottawa
 David Leroy Yeager, Palos Verdes, CA
 Dick Foo Yee, Mayfield Heights
 Jennifer Lynn Yost, Clayton
 Craig Alan Younger, Whitehall
 Molly Rayne Zahn, Akron
 Mark Wilkerson Zando, Cincinnati
 David Ralph Zani, St. Clairsville
 Diana Kay Zantopoulos, North Canton
 George Andrew Zavatsky, Steubenville
 Carlene L. Zeches, Reynoldsburg
 Susan Angela Zeleznik, Rocky River
 Wendy Ellen Zickel, Milan
 Mark Andrew Zimmerman, Painesville

Bachelor of Science in Labor and Human Resources

Horst Gunther Boehm, Mansfield
 Duane M. Carey, Urbana

College of Agriculture

Dean: Max Lennon

Bachelor of Science in Agriculture

Daiquiri Beth Ahart, Berlin Center
 Jeffrey Mark Allison, Mason
 Andrea Renee Anderson, Solon
 Maria Evelyn Anderson, Logan
 Paul Gerard Anderson, Maumee
 Dale William Arbaugh, Jewett
 Amy Lynn Baker, Akron
 Joel William Barton, Columbus
 Jeffrey Todd Beck, Canton
 Wayne Alan Becker, Columbus
 Michael Lynn Benecke, Napoleon
 Robert Charles Bennett, Medina
 Gary S. Besancon, Sterling
 David Eugene Betts, Paraskala
 Daniel Louis Blay, Graytown
 Douglas Lewis Blay, Graytown
 James Paul Boardman, Columbus
 Richard Paul Bokanyi, Jr., North Olmsted
 Barry Alan Boss, Elmore
 Melvin Todd Bray, Franklin
 Juan Carlos Brenes, San Jose, Costa Rica
 Edward Harold Bucher, Whitehouse
 Gail Sue Caplinger, Hillsboro
 Clement Oliver Coleman, Monrovia, Liberia
 Lynley Janeen Conradi, Milford
 Brian Edward Conry, Wakeman
 Susan Lea Cooper, Lucas
 Matthew Jude Cunningham, Hanoverton
 Tara Daiber, Medina
 James Patrick Darr, Fremont
 Rebecca Lynn Dechant, Oberlin
 Amy Marie Demier, Findlay
 Matthew Lee Detwiler, Seville
 Michael Edward Dible, Sunbury
 Nancy Jo-An Doerr, West Portsmouth
 Holly Jeanne Doughman, Springfield
 Kay Meredith Downing, Circleville
 John Robert Dutcher, Salem
 Teresa Kay Ealey, Waverly
 Edward Allen Ebert, Dublin
 Mary Lou Ebert, Cardington
 Kim Adaire Ehnman, Gallon
 Danny Dale Elm, Lebanon
 Glenn Allan Ellis, Cincinnati
 Kurt Michael Ely, Columbus
 William Boyd Epperson, Gallon
 Raymond Joseph Etgen, Cridersville
 Jeffrey Glenn Fancsali, Rockford, IL
 Christopher John Fazio, Blairstown, NJ
 Randall Scott Frey, Archbold
 Vicki L. Frobese, Columbus
 Daniel Herbert Fuik, Jeromesville
 Robert Edward Fuller, Circleville
 Rita Antonietta Fusco, Freehold, NJ
 Carla Jo Garwood, Leetonia
 Julia Lynne Gerken, West Mansfield
 Keith Howard Gold, Centerville, UT
 David Waaers Grieder, Hudson
 Sharon Marie Grusenmeyer, Dayton
 Kenneth J. Halvay, Cincinnati
 Edward John Haman, New Carlisle
 Philip Wade Harlan, Thornville
 Richard Allen Harper, Tiffin
 Amy Lorene Hartley, Rochester, NY
 Sandra Kay Hartman, Berlin Heights
 Elizabeth Ann Haws, Portage
 David Eugene Heisler, Ney
 Neil Andrew Hendricks, Ostrander
 Rebecca Gayle Hickman-Meyers, Lima
 Roger Alan High, Lexington
 Gregory Adam Hilty, Worthington
 Kevin Michael Hollem, Columbus
 Rebecca Lynn Hoover, Millersport
 Roger Shawn Houck, West Chester
 David Dean Huber, Bluffton
 Brian Thomas Huss, Centerville
 Timothy Lile Hutchison, Salesville
 Yvonne Annette Huvier, Fredericktown
 Don Eldon Ihle, Anna
 Timothy Marvin Johnson, Jamestown, NY
 Shawn William Keiser, Bradford
 Tanya Marie Klepper, Tiffin
 John Douglas Knaup, Carey
 Amy Sue Korn, Jackson Center
 Robert John Kristoff, Euclid
 Donald Earl Kurtz, Salem
 Deborah Elizabeth Langhirt, Worthington
 Jodi Annette Londot, Utica
 Colleen Rene MacInnis, Centerville

Victoria Lea Madwar, Columbus
 Jude Michael Maher, Columbus
 Pamela Ann Marts, Cincinnati
 MaryAnn Masich, Girard
 Todd Alan Mason, Lima
 Michele Lynn Matthews, Urbana
 Robert Joseph Mayo, Versailles
 David James McCallum, Alliance
 Robert Charles McCarty, Nashport
 David Milton McGuffin, Columbus
 Kelly Marie Mehling, Columbus
 Tad Arthur Meranda, Georgetown
 Kristin Marie Michelson, Madison
 Kathryn Barbara Miller, Xenia
 Roger Glen Miller, Amherst
 Timothy Earl Mills, Westerville
 Peggy Kathleen Mitchell, Cambridge
 Randel Scott Monheimus, Paris
 David Charles Moore, Frazeysburg
 Michael Robert Moore, Johnstown
 Gregory Brant Morgan, Columbus
 Donald Paul Moxley, Barnesville
 Rebecca Lynn Myers, Willard
 Dorene Jean Neal, Columbus
 Jay Allan Neal, Port Washington, NY
 Julie Anne Neal, Trenton
 Tyrone Alan Nofziger, Wauseon
 Rebecca Lynn Norris, Columbus
 Kimberly Ann Notter, Gallopis
 John Clayton Otto, Leipsic
 Anne Elizabeth Parkinson, Adena
 Douglas Edward Pauly, Ashland
 Stephen Anthony Peck, Holgate
 Douglas Lee Perry, Vickery
 Gary Lee Peters, Lancaster
 James Brian Petrik, Mayfield Heights
 Andrew Evan Phymale, Gallopis
 Kevin Michael Pohlman, Delphos
 Susan Mary Radach, Elyria
 Tamara Jean Randles, Newark
 David Stewart Ray, Freeport
 Rhonda Sue Rebbin, North Lewisburg
 Brian William Rennecker, Smithville
 Nathan Benjamin Rettig, Napoleon
 Richard Robert Rhodes, Hindley
 Karla Jo Rickett, Wooster
 Joseph F. Riesenberg, Cincinnati
 Jennifer Laura Ruben, South Euclid
 Mark Edward Ruryan, Urbana
 Robert Jeffrey Russo, Hamilton
 Stephen Platt Rutherford, Granville
 John Jeffrey Scharzman, Wellington
 Scott Michael Schieder, Akron
 David Lance Schmidt, Sandusky
 Dawn Lavon Schneider, Hamersville
 Samuel J. Schoettle, Friendship
 Diane Alice Schwanger, New London
 Pamela Sue Schweizer, Oregon
 Susan Elizabeth Seitz, Toledo
 John Alan Settlemire, Clarksville
 Craig Alan Shafer, Geneva
 Kim Shapiro, Youngstown
 Francine Gay Shellhouse, Sycamore
 Sally Ann Shepherd, Hamilton
 Kent Matthew Sherman, Elmore
 Charles John Shiningers, Delta
 Rendell Dale Shira, Mt. Vernon
 Dean Allen Shoup, Orville
 John Robert Shuler, Lexington

Johnnie Lee Simons, Greenville
 Michael Joseph Skinner, Somerset
 Bruce A. Smith, Celina
 Denise Jane Smith, Reynoldsburg
 Daniel Robert Smithers, DeGraff
 Laurie Lynn Snow, Fredericktown
 Kevin James Soncrant, Columbus
 Deborah Jean Sparna, Worthington
 Henry Allen Stern, Columbus
 Holly Susan Stickel, New Carlisle
 James Paul Stockert, Canal Fulton
 Margaret May Strow, Custar
 Lisa Jane Taylor, Ashland
 Marc Eric Taylor, Baltimore
 Roger Edward Thomas, Carrollton
 Philipp Andrew Reshad Tibbs, Columbus
 Martha Jane Torok, Blacklick
 Christine Denise Trimmer, Westerville
 Michelle Renee Vaughan, Hartsville
 Mark Ramsey Watkins, Kenton
 Mary Ann Watson, Tallmadge
 Sandra Kay Welts, Willowick
 Michael Joseph Wering, Burkettsville
 David Robert Wieneke, Middletown
 Kim Marie Williams, Ottawa
 Lynne Alyson Williams, Medway
 Patricia Margaret Wingenfeld, Columbus
 Alan J. Withers, Petersburg
 Charles Daniel Young, Arsonia
 Wayne Louis Young, Warsaw
 David Wendell Zaring, Kenton
 Pamela Kay Zickeloose, Strongsville
 Jeffrey Howard Ziegler, Bellevue
 Laura Sue Zientek, Swanton
 Brant Edward Zucker, Bucyrus
 Kimberly Jennie Zur, Willoughby Hills

Bachelor of Science in Food Science

Dawn Elaine Merritt, Perrysburg
 Terrence Patrick Rankin, Columbus
 Michael Tyrone Wilkes, Dayton

Bachelor of Science in Food Technology

Michael Paul Eitzman, Vermilion
 Susan Lynn Filburn, New Carlisle
 Timothy William Huff, Chagrin Falls
 Linda Rausch McCarty, Milford Center
 Judith Lynn Ruff, Oak Harbor

Bachelor of Science in Nutrition

Nancy Ann Cannon, Berea
 Philip Richard Good, Medina
 David Thomas Hackett, Jr., London
 Julia Ann Naderer, Fostoria

School of Natural Resources

Bachelor of Science in Natural Resources

Joanmarie Aberico, Lyndhurst

Brian Charles Abdorf, Wooster
 Thomas William Balas, Fairview Park
 Michael Lloyd Barrows, Nelsonville
 John Francis Bletner, Worthington
 Robert Paul Brown, Fredericktown
 Lisa Ann Carleton, Oxford
 Michael Thomas Conner, Akron
 Sherry Lee Crose, Cincinnati
 Timothy Richard Donahue, Columbus
 Kieran Edward Dooley, Brecksville
 Scott Michael Downing, Columbus Grove
 Charles Dale Egbert, Lucasville
 Terri Lee Elliott, Columbus
 Jeffrey Eugene Fisher, Rocky River
 MaryJo Anne FitzGerard, Cleveland
 Marcus Christopher Garland, Euclid
 Nancy Ann Hankins, South Euclid
 Gregory Scott Hogue, Springfield
 John J. Kanter, Cincinnati
 John Joseph Kehn, Conesville
 Michael Brian Knapik, Parma
 David Edward Kobryn, Marathon, Ontario, Canada
 Warren Dale Leatherman, Jr., Rittman
 Bradford Duane Lohiser, Painesville
 Allen James Miller, Macksburg
 James Lawrence Mills, Port Clinton
 Gregory E. Moon, Wakeman
 Bradford Paul Moore, Canton
 Gerald Franklin Moss, Waverly
 Daniel Adam Mozena, Newcomerstown
 James Charles Murray, Columbus
 Eric Lee Roush, Pataakala
 Richard A. Schniegenberg, Garfield
 Joseph Connors Seidensticker, St. Clairsville
 Laura Marie Seipel, Columbus
 Bruce Douglas Smith, Dayton
 Kathy Lynn Smith, Mansfield
 Noel Kenyon Snyder, Cleveland
 Carrie Stilwell, Hartsville
 Mary Margaret Straight, Columbus
 Michael Edward Swickard, Winterville
 Joseph David Thiemann, Cincinnati
 Beatrix Elisabeth Treiterer, Worthington
 Dale Edward Troutman, Cincinnati
 Dane Reynold Tussel, Macedonia
 Paul R. Wachholz, Avon
 Deanna Lynn Walinski, Toledo
 Matthew Arno Walschlaeger, Worthington
 Kevin Karl Wappner, Mansfield
 Brent Alan Watson, Cambridge
 Mary Ann Webster, Columbus
 Theresa Elizabeth Wenzel, Cincinnati
 Timothy James Wilson, Columbus
 Ronald Steven Zitek, Rocky River

Agricultural Technical Institute- Wooster

Associate in Applied Science

Matthew George Acton, Bay Village
 Jennifer E. Allen, Creston
 Lee Joseph Allen, Avon
 Susan Patricia Alverson, New Philadelphia
 Jack Jay Anderson, Sebring
 James Alan Arledge, Pickerington

Jeffrey Scott Baker, Van Buren
 John Robert Baker, Akron
 Louie Angelo Basilone, South Euclid
 Margaret Kay Beck, Napoleon
 Robert D. Beck, Havertown, PA
 William John Beighley, Canton
 Stephen Joseph Bogle, Dayton
 David James Bowers, Napoleon
 Vince B. Bowman, Perrysville
 L. Thomas Boyd II, Bellville
 Patrick James Brainard, Perry
 Allen Jay Brokaw, Cardington
 William E. Bruder, Magnolia
 Valerie Jane Burkhardt, New Bavaria
 Roben Dale Butcher, Washington, WV
 Craig Tyler Cope, Richmond
 Charles Matthew Dahse, Amesville
 Christine Lynn Davenport, Enon
 Penry Lynette Deckler, Upper Sandusky
 William Edward Distad, Beachwood
 Carolyn Marie Duffy, Cincinnati
 Daniel Lee Eichelberger, Ashland
 Bethann Emmons, Fayette
 Diana Lynn Erwin, Granville
 David K. Ewing, North Jackson
 William Richard Flanagan, Jr., Mansfield
 Andy Jay Fox, Fredericktown
 Peter Andrew Fricke, Lakewood
 Daniel Albert Funk, Columbus
 Catherine Elizabeth Garrigus, Ashland
 Linda Sue Geib, Jeromesville
 Ann B. George, Eastlake
 Michael Wayne Grube, Johnstown
 Roger Delmar Hakak, Cincinnati
 Herbert Scott Harrier, Zanesville
 William Eugene Hart, London
 Marti J. Hayes, Irwin, PA
 Mickey Dean Heiby, Celina
 Karen Louise Hemminger, Huron
 Gregory Scott Hogan, Elyria
 Ricky Allen Hothem, Fresno
 Louis William Huffmann, Salem
 Steven Michael James, Lakeville
 Richard Douglas Jarvis, Salem
 *Jon Chase Johnson, Cuyahoga Falls
 Ellen LeMay Jones, Perrysville
 Joseph Thomas Kahle, Spencerville
 Timothy Martin Kohout, Defiance
 Diane Louise Kracht, Newton, WI
 Keith Kresina, Solon
 Daniel Joseph Kulifay, Poland
 Steven Giffen Leavengood, Fresno
 Eugene Allen Lingenhoel, Louisville
 Shelly Dee Maurer, Zoar
 Kenneth Gene McClellan, Edgerton
 Lisa Ann McKinney, Martinsville
 Kevin Lee Miller, Shelby
 Dale Lynn Motlier, Millersburg
 Michael Allan Molnar, Litchfield,
 Deborah Lynn Moser, Perrysburg
 Martha Ann Moss, Wadsworth
 Jean Marie Munger, Paulding
 Mark Douglas Murphy, Washington, PA
 Jon Bradford Ocel, Mechanicstown
 Ann Marie Pero, Hartsville
 Gregory Allen Pfeleiderer, Crestline
 Carolyn Marie Piasick, Brecksville
 Brian Herman Powell, Brecksville

* Awarded Posthumously

Mark Lowell Rasey, Southington
 James J. Reincheid, Baltimore
 Dirk R. Rife, Woodville
 Pasquale August Romano, Orange Village
 F. Scott Rose, Cleveland Heights
 Randal Neil Rosebrock, Mark Center
 Lisa Marie Sabol, Westlake
 Grace Wendy Scaife, Kirtland
 Todd Allen Shafer, Glenford
 Samuel Roy Shaver, Middlefield
 Edward Harold Sheldon, Greenwich
 Allen Edward Sickles, Orville
 Jack Everly Sidle, Shreve
 Jerome Leonard Skorupski, Spencerville
 Leann Carol Stoneham, North Fairfield
 Michael Barry Weldner, Doylestown
 Michele Suzanne West, Parma
 Russ Alan Wiedeman, New Bremen
 Donald L. Williams, Curtrice
 Tracy Ann Wolcott, Perrysville
 Richard Bradley Woodland, Monclova
 Stephen Franklin Zalar, Fairport Harbor
 Amy Beth Zwayer, Croton

College of Dentistry

Dean: William R. Wallace

Doctor of Dental Surgery

Fred Anthony Alger, Parma Heights
 B.A. (The College of Wooster)
 Dean Patrick Backiewicz, Gahanna
 B.S. (Miami University)
 William John-Anthony Balestrino, Youngstown
 B.S.
 Kirk Stephen Bankhead, Fairborn
 B.S.
 Anne G. Banta, Lewisburg
 R.D.H., B.A.
 Thomas John Baron, Cincinnati
 B.S. (Miami University)
 Ronald Jakob Baumann, Mansfield
 B.S. (Ashland College)
 Douglas Stanley Beil, Youngstown
 B.S.
 Brian Lee Bertholomee, Troy
 B.S.
 John Martin Bindeman, Dayton
 B.S. (University of Dayton)
 Mark Alan Blumenschein, New Carlisle
 B.A. (University of Toledo)
 Karyn C. Boltz, Sidney
 B.S.
 Jeffrey Duane Breymaier, Waterville
 B.S. (University of Toledo)
 Thomas Richard Bridgman, Kettering
 B.S. (University of Cincinnati)
 Lynda Verliegh Bruce, Greeneville, TN
 B.S. (Spelman College)

Ken Fritz Budde, Toledo
 B.A. (University of Toledo)
 Mark Steven Bueker, Barberton
 B.S.
 Maryann Kukucka Burkhard, Delray Beach, FL
 R.D.H. (Cuyahoga Community College)
 Michael Jeffrey Carl, Cincinnati
 B.S. (University of Cincinnati)
 Thomas Carratola, Jr., Parma Heights
 B.S. (John Carroll University)
 Gregory Lee Casini, Independence
 B.S. (John Carroll University)
 David Castilla, Warren
 B.A. (Hiram College)
 James Joseph Cermak, Chesterland
 B.A. (Saint Louis University)
 Cynthia Lynn Cohn, University Heights
 B.A. (Miami University)
 Dana Schlatter Danhoff, Willard
 R.D.H., B.A.
 Roberta Lynn Diehl, Tinton Falls, NJ
 R.D.H., B.S.
 Laury J. DiMichaelangelo, Youngstown
 B.S.
 Douglas Alfred Dix, Cincinnati
 B.S. (University of Cincinnati)
 Charles Joseph Edelen, Toledo
 B.S.
 Diane M. Ehrbar, Cleveland
 B.A. (Miami University)
 M.S. (University of Illinois)
 Richard Michael Emrich, Worthington
 B.S.
 Stephen Thomas Fabry, Youngstown
 B.S. (Youngstown State University)
 John Charles Felton, Tiffin
 B.S. (University of Kentucky)
 Robert Allen Ferrera, Tampa, FL
 B.A. (University of South Florida)
 Vincent Louis Fiorita, Dayton
 B.S.
 Michael William Ford, Newark
 B.S.
 Anthony Edward Forte, Cincinnati
 B.S. (Xavier University)
 David Frederick Foss, Pittsburgh, PA
 B.S. (Allegheny College)
 Hillel Fox, Dayton
 B.S. (Loyola University)
 B.H.L. (Hebrew Theological College)
 Robert D. Frey, Defiance
 B.S. (Defiance College)
 Terry Lee Frost, Williamsburg
 B.S.
 Louis H. Frydman, Dayton
 B.S.

Joseph Brant Fulton, Rocky River
B.S. (Colorado State University)

William Ellsworth Gable, Parma
B.A.

Paul Richard Gaston, Waukegan, IL
B.A. (Southern Illinois University)

Lewis Alan Gillian, Parma
B.S.

Jeffrey Wayne Glynn, Buzzards Bay, MA
B.S. (The University of Massachusetts/Amherst)

Glenn Richard Goodrich, Chagrin Falls
B.A. (Wittenberg University)

Nicholas Ward Grabarz, Fairfield
B.S.

Douglas Alan Grierson, Beavercreek
B.S.

Richard Joel Gross, Beachwood
B.S.

George Edward Guju, Canfield
B.S.

Paul William Hamm, Jr., Lakewood
B.A.

Jeffrey Allan Hanna, Wadsworth
B.S.

Robert Samuel Haring, Mansfield
B.S. (Oral Roberts University)

Denise Leonard Hering, Columbus
B.S. (Purdue University)

James Richard K. Higa, Honolulu, HI
B.S. (University of Hawaii)

Jeffrey Eugene Himler, Cardington
B.S.

Robert Murray Hinke, Columbus
B.A. (Denison University)

Kenneth Edward Hoecker, Springfield
B.A. (Capital University)

Frederick David Hogan, Hamilton
B.S. (University of Notre Dame)

Jeffrey Alan Hoyda, Tiffin
B.S.

Joen M. Iannucci, Youngstown
B.S. (University of Miami)

Joseph William Jackson, Madeira
A.B. (Miami University)

Lamont Bregg Jacobs, Fairfield
B.S.

Glenn James Jividen, Jr., Dayton
B.S. (University of Dayton)

Johnna Jorgensen, Fort Myers, FL
B.S., B.A. (University of Florida)

Kris S. Kelley, Perrysburg
B.A. (Miami University)

Bradford Lee Kess, Beachwood
B.S.

Matthew James Kettinger, Toledo
B.A. (Miami University)

Frederick Dale Kinsey, East Liverpool
B.S.

Timothy John Kitzmiller, Cincinnati
B.A. (Miami University)

John Nauman Kramer, Martins Ferry
B.A. (Wittenberg University)

Richard Krawczyk, Mayfield Heights
B.A. (The College of Wooster)

Joyce Ann Kupfer, Cincinnati
B.S.

Richard Charles Lage, Miami, FL
A.A. (Miami-Dade Community College)
B.S. (University of South Florida)

Scott David Lawrence, Canton
B.A. (Kent State University)
M.A. (Toledo University)

Christopher Paul Leary, Norwood
B.A. (Miami University)

Richard Alan Lewandowski, Toledo
B.S. (John Carroll University)

Dennis Raymond Lockney, DeBary, FL
B.S. (Kent State University)

James Angelo Lucido, Lowellville
(John Carroll University)

Kathy Miller Lydic, Youngstown
B.S. (Youngstown State University)

Stephen Robert Mackiw, Cuyahoga Falls
B.S. (The University of Akron)

Michael John Maistro, Tiffin
B.A.

Elaine Jean Markowski, Parma
B.S. (Ohio University)

Thomas Matanzo, New York, NY
B.A. (University of Steubenville)

Scott Andrew Mazanec, Cleveland
B.A. (Miami University)

Laurie Kay McCauley, Akron
R.D.H., B.S.

Edwin A. McGlumphy, Jr., Marion
B.A. (Washington and Jefferson College)

Victor Lee McKoy, Grand Rapids, MI
B.S. (Grand Valley State College)

Dominic Jacob Mensah, Milwaukee, WI
B.S. (University of Wisconsin-Milwaukee)

Andrea Jeanne Miller, Republic
B.A. (University of Toledo)

Lawrence Michael Miller, Columbus
B.S.

James Salvatore Minutello, Upland, CA
B.S. (California State Polytechnic University at
Pomona)

Richard Clyde Montz, Tiffin
B.S. (Bowling Green State University)

John Francis Novak, Chagrin Falls
B.A. (Miami University)

Michael Lewis Ortmann, Middletown
B.S.

David Grant Parker, Parma
(Wheaton College)

Thomas Howard Parkinson, Pittsburgh, PA
B.S. (University of Notre Dame)

Fred Howard Peck, Cincinnati
A.B. (Washington University in Saint Louis)

David Christopher Pielak, Elyria
B.S.

Todd Knighten Pieper, Lebanon
B.A. (University of Toledo)

Philip Lawrence Pike, Wilmington, DE
B.A. (Ohio Wesleyan University)

Ramon Portales, Jr., San Dimas, CA
B.A. (University of Kentucky)

Duke Michael Rakich, Steubenville
B.S.

Gregory Joseph Reyes, North Royalton
B.A. (Case Western Reserve University)

Helmut Anton Richardt, Euclid
B.A. (Case Western Reserve University)

Douglas Andrew Rolfe, Pepper Pike
B.A. (Miami University)

Michael David Roffes, Cincinnati
B.S. (Xavier University)

Jerome Jason Rotella, Steubenville
B.S.

Eric Alan Schneider, Kettering
B.S.

Lynn Marie Schram, Rocky River
B.S. (University of Dayton)

Jeffrey Seiver, Baldwin, NY
B.S. (Ohio University)

John Stanley Sherriff, Dayton
B.S. (Ohio University)

Mary Kathryn Shuba, Youngstown
B.S.

Richard A. Siegel, Mansfield
B.A. (The College of Wooster)

Patrick Shawn Simpson, Conneaut
B.A. (Miami University)

Jon Patrick Sipos, Austintown
B.S.

James Allen Slaman, Philadelphia, PA
B.S. (Penn State University)

Eric Edward Smith, Hudson
B.A. (Miami University)

Christine Sobiski Snyder, Canton
B.S.

Bradlee Steven Spence, Fredericktown
(Miami University)

Craig Arthur Spletzer, Cincinnati
B.A. (University of Toledo)

Stephen Richard Stentzel, Greenview
B.A. (Miami University)

Mark Allen Stieg, Scottsdale, AZ
A.A. (Scottsdale College)

Gregory Louis Ten Eyck, Oregon
B.A. (University of Toledo)

Michael John Thebes, Toledo
B.A. (Toledo University)

Lorence Gilbert Thomas, Fremont, CA
A.A. (Ohlone College)
B.S. (California State University, Hayward)

John Robert Tranovich, Bellaire
B.S.

Steven Thomas Vennard, Cincinnati
B.S.

Douglas William Voiers, Bay Village
B.S. (Grove City College, Pennsylvania)

William Emerick Waters, Cleveland
B.S. (Baldwin-Wallace College)

Craig Stephen Wilson, Hamilton
A.B. (Miami University)

Douglas Paul Winslow, Westlake
B.S.

Robert Michael Wright, Coulter, PA
B.A., B.S. (University of Cincinnati)

Charles John Yourstowsky, Girard
B.S. (Youngstown State University)

Mark H. Zablotsky, Youngstown
B.S.

Thomas Richard Zacher, Wooster
B.S. (Kent State University)

Daniel Arnold Zeleski, Loup City, NE
B.S.

Gerald Daniel Zgodinski, North Madison
B.S. (Cleveland State University)

Simonas Vytautas Zmuidzinas, Rochester, NY
B.A. (New York University)

Certificate of Graduate Dental Hygienist

Laurie Jean Adcock, Orville

Terri Elizabeth Bickel, Columbus

Marcia Anne Billeu, Cincinnati

Letitia Susan Booth, Johnstown

Donna Jean Burrell, Lancaster

Diana Jane Christman, Cambridge

Lisa DiSabato, Columbus

Deborah Rose Erlanger, Canton

Frances Ann Ferry, Fairborn

Susan Lynne Garber, North Canton

Christy Ann Gerwig, Sunbury

Julie Marie Haley, Bellville

Sally J. Hawk, New Philadelphia

Lori Marie Houglund, Mansfield

Valerie Ann Jackson, Bel Air, MD

Celeste Mary Kazel, South Euclid

Marjan Khavari, Warren

Annette Karen Kress, Arcanum

Susan Diane Lardinais, Lexington

Barbara Ellen Manahan, Defiance

Deborah Sue Michelakis, Warren

Lucia Carmen Ortiz, Cleveland

Judith Lynn Osborn, Marion

Barbara Lee Palmer, Washington Court House

Susan Jean Ragaji, Norton

Susan Elaine Rasner, Westerville

Cathy Lynn Raymond, South Vienna

Karen Marie Royle, Hudson

Lori Anne Schmalenberger, Columbus

Tina Marie Siefring, Columbus

Caryn Debra Simon, University Heights

Bonita Ann Skusher, East Orwell

Diane Elizabeth Smith, Columbus

Gail Lynn Still, Wooster

Sherrie KayAnn Tavtiglian, Swanton

Dorothy A. Titterington, Bedford

Jill Victoria Toyzan, Columbus

Teresa Ann Vires, Lebanon

Tish Adele Washburn, Grove City

Deborah Sue Wilcox, Columbus

College of Education

Dean: Donald P. Anderson

Bachelor of Science in Education

John Richard Abbruzzese, Columbus

Cheryl Judith Abelson, Indianapolis, IN

Kathleen Gay Adams, Lima

Laurie Jean Adcock, Orville

Kathryn Worthington Adkins, Columbus

Janet Palencia Aidana, Brecksville

Jill Elizabeth Alemany, Wilmington

Jill L. Allen, Creston

Lori Jo Grant Allen, Columbus Grove

Marilyn Kay Angelo, Springfield

Rebecca Ann Archer, Strongsville

Elizabeth Anne Arledge, Columbus

Barbara Ellen Armstrong, Bucyrus

Nancy Linton Ary, Orient

Kenneth Michael Bahnick, Chardon

Lori Ann Bahr, Vandalia

William Christopher Bailey, North Canton

Kent Alan Baker, Mt. Gilead

Shelly Renee Baker, Jackson Center

Rhonda Sue Ball, Mechanicsburg

Jan Elizabeth Ballinger, LaRue

William Karl Balse, Newark

Kenneth Martin Barnett, Gallon

Gail Dawn Bedingfield, Springfield

Christine Marie Beery, Frankfort

Sara Sue Berrey, North Canton

Jana Jo Bettin, Grove City

Penelope Marie Billingham, Syracuse, NY

Jennifer Jane Blue, Worthington

Thomas Lee Bogan, North Robinson

Jodi Lynn Boltz, Marion

Mary Anne Bowers, Eikda

Mark Daniel Bradshaw, Springfield, OR

Thomas Martin Bramlish, Pataskala

Henry Clay Brandon, Jr., Alkon

Cindy Ellen Breidenbach, Dayton

Brent Allen Brewer, London

Kathleen O'Reilly Britt, Westerville

Tammy Ann Brovitz, Canfield

Arthur Barrett Brown, Cincinnati

Bridget Elizabeth Brown, Worthington

Dana Meckstroth Brown, New Knoxville

David Brown, Cleveland

Joan Elizabeth Brown, Worthington

Linda Johnson Brown, Powell

Andrea Diane Bruce, Bellefontaine

Janet Ann Buchanan, Newark

Mary Marie Bucher, Bay Village

Amy Elizabeth Burns, Bexley

Donna Jean Burrell, Lancaster

Sharon Lynne Butterfield, Scio

Tod William Carroll, New Weston

William Howard Cartiff, Verona, PA

Brian Lance Casner, Columbus

Terese Marie Cassece, Willoughby

Deborah Kay Chesnut, Vermilion

Kathy Denise Chitwood, Delaware

Diana Jane Christman, Cambridge

David Alan Cochran, Bucyrus

Robin Hess Comfort, Columbus

Tonia Lee Compton, Centerburg

James Russell Cook, Worthington

Lisa Kay Cook, Ashland

Annette Joy Cooper, Wooster

Victoria Lin Cooper, Columbus

Sally Ann Corbett, Delaware

Leslie Ann Cothorn, Toledo

Joan Ellen Cowdery, Mansfield

Susan Marie Cowell, Archbold

Mira Dee Cremeans, Columbus

Stephanie Ann Dahn, Columbus

Deanna Ailyn Davis, Columbus

Barbara Marie Davitt, Wintersville

Linda Kay Dearth, Bellville

Timothy Andrew Decker, Lucasville

Timothy Patrick DeFrancisco, Ostrander

Sherril Loren DeMarco, Elyria

Jacqueline Marie Denen, Washington Court House

Patricia Lynne Dick, Columbus

Amy Sue Dill, Jamestown

Lisa DiSabato, Columbus

Janet Elaine Dornick, Lima

Dwight Andrew Downs, Amlin

Margaret Louise Drake, Worthington

Lorraine Michele Dunaway, Columbus

Michael Scott Durbin, Euclid

Tammie Jo Dyer, Harrod

Patricia Cathoon Eakins, Hilliard

Jacqueline Jo Eberwine, Fresno

Rosanne Marie Edgar, Lima

Wendy Elizabeth Eisnagle, Columbus

Linda Jane Eshaw, Stow

Theresa Lynn Eraybar, Logan

Cynthia Ann Estenwood, Cleveland

Kelly Lee Etter, Oakwood

Carol Beth Evans, Huron

Mark William Evans, Columbus

Paulina Turner Evans, Columbus

Daniel Ernest Everetts, North Canton

William Michael Everhart, Delaware

Daniel Joseph Finn, Columbus

Wendi Kay Fischer, Mansfield

Jill Laurie Ford-Green, Mansfield

Lois Cecile Foreshee, Marietta

Linda Frederick, Columbus

Steven Craig Fry, Chillicothe

Bradley Kay Fuhrer, Tiffin

Amy Marie Gaglione, Solon

Karen Marie Gallucci, Lyndhurst

Susan Lynne Garber, North Canton

Rhonda Renee Garrabrant, Chardon

Anne Maureen Gaudin, Kettering
Valerie Wynne Gault, Frazeysburg
Barbara Joanne Gehret, Anna
Karen Marsha Gevelber, Cincinnati
Lisa Ann Gilbert, Lima
Diane G. Beard Gillespie, Lakeview
Michele Marie Gilmore, Celina
Yero Peter Gimba, Bauchi, Nigeria
Laura Lee Gourley, Columbus
Diane Marie Grace, Fairborn
Patricia Marie Grady, Newark
James Edward Grannis, Columbus
Grisetta Jean Griffin, Columbus
Tracy Lynn Grinstead, Tuscarawas
Christopher C. Grisvard, Cape Girardeau, MO
Susan Jeanette Gynn, Dublin
Julie Marie Haley, Bellville
Jill Ann Hamilton, Xenia
Mark Alan Hanthorn, Lima
Julie Ann Harmony, Columbus
Sally Jo Hawk, New Philadelphia
Michael Robert Heiffner, Rochester, NY
Joseph Alan Hendershott, Ashland
Pamela Ann Henney, Mansfield
Brenda Lissa Hernandez, Lorain
Melisa Maxine Hill, Zanesville
David Carl Hiteshew, Marion
Randall Lamar Holcomb, Lima
Tera Hutchins Holiday, Ashville
Juliana Holmes, Grove City
Susan Elizabeth Holmes, Worthington
F. Kent Homoele, Hilliard
Annette Louise Horst, Granville
Kathleen Ann Huebner, Wadsworth
Kris Ann Huntsman, Leipsic
Roberta Ann Hutchins, Sidney
Laura Sue Hutchman, Lakewood
Abdullahi Deba Ibrahim, Bauchi, Nigeria
Wanda M. Jackson, Columbus
Jenny Lee Jesina, Strongsville
Deborah Orr Johnston, Westerville
Karen Gulcher Jones, Paoli
Todd Alan Jones, Kenton
Elizabeth Gail Kahoun, Timberlake
Susan Kathleen Kelleher, Columbus
Elizabeth Jane Keller, Cridersville
Robert O'Hara Keffog, Bellefontaine
Paul Ed Kelly, Ashtabula
Mariane Louise Kennedy, Columbus
Philip Roger Kent, Columbus
Kathleen Ann Kesseling, Plain City
Traci Marie Kilbarger, Lancaster
Christine Ann Kin, Upper Sandusky
Theresa Ann Klebacha, Lexington
Suzanne Marie Klingler, Lima
Kyle Claire Knapp, Fort Wayne, IN
Jill Denise Knott, Columbus Grove
Richard Alan Koser, Mansfield
Nancy Louise Koster, Findlay
Takuma Paul Kotaka, Columbus
Susan Lee Koukis, Worthington
Nicholas Kounouzelis, Canton
Matthew Kramer, Columbus
Annie Abraham Kuttothara, Loudonville
Adrienne Lynn Kutz, Mayfield Heights
Kathy Louise Largent, Ashville
Amy Louise Leimbach, Norwalk
Annette Lynn Leimbach, Norwalk
Jeffrey Edward Leonard, Columbus

Dianna Pearl Lescalleet, Newark
Paula Elise Levendorf, Weirton, WV
Barbara Jean Lloyd, Carrollton
Steven Paul Locke, Canal Winchester
Margaret Dianne Lott, Belpre
Lisa Ann Low, Newport
Nancy Lynn Low, Newark
Linda Louise MacIntyre, Columbus
David Lirley Macmorine, Toledo
Susan Dee Marde, Middletown
Marcia Lynn Marks, West Lafayette
Julie Ann Mason, Marengo
Adam Lee Matthews, London
Lisa Renee Mayo, Mt. Sterling
Lori Lee McCurdy, Ashley
Cherie Lynne McIntire, Wilmington
Walter Lawrence McKenzie, Jr., Newark
Judith D. Harris McLean, Columbus
Judith Ann Meholic, Johnstown
Jeffrey Allen Mere, Galloway
Brenda Canton Michaelis, Shelby
Deborah Sue Michelakis, Warren
Alan James Miller, Macksburg
Jana Renee Miller, Marietta
Laurel Lee Anne Miller, Zanesville
Daniel Harold Minnick, Elyria
Theodore John Misiolek, Jr., Port Charlotte, FL
Teresa Dawn Mitchell, Maplewood
Kathleen Ferral Moore, Marion
Jennifer Sue Morris, Versailles
Paul Eric Morrow, Ontario
Kelly Rosalie Motts, Canal Winchester
Alan David Mullett, Mt. Gilead
Michael Patrick Mulvin, Sandusky
Roberta Jo Murchake, Columbus
Mark Richard Murfin, Grove City
Eugenia M. Murphy, Fredericktown
Sharon Ann Myers, North Olmsted
Elizabeth Diane Nagy, Gahanna
John David Napoli, Maple Heights
Elizabeth Louise Neal, Lakewood
Denise Neff, Marietta
Jamy Suzanne Nelson, Columbus
Lisa Ann Newman, Dayton
Shirley Ann Newman, Columbus
Carol Louise Newton, Mansfield
Kristine Lucille Nichols, Nova
Rickie Alan North, Plain City
Stephen Neil Ogle, Heath
Mary Anne O'Hara, Barberton
Lucha Carmen Ortiz, Cleveland
John A. Ortmann, Kettering
Mary Elizabeth Ost, Akron
Jan D. Owens, London
Susan Lynn Owens, Ashland
Valerie Lynn Pack, Orville
Barbara Lee Palmer, Washington Court House
Charles Matthew Paros, Canfield
Sonalee C. Parrott, Marysville
Kimberly Sue Pauly, Ashland
Beth Lynette Payne, Cincinnati
Marcia Lynn Payne, Columbus
Nancy Jane Peck, New Holland
Cynthia Marie Pence, Columbus
Emily Marie Peper, Napoleon
Judith Ann Peters, Lima
Laurel Elise Peterson, Ashtabula
Kathleen Ann Phelps, Westerville
Suzanne Pollak, North Canton

Michael Joseph Pozderac, Garfield Heights
Patricia Ann Price, Columbus
Kathleen Ann Pugh, Lima
Kurt Chadwick Purdin, Cedarville
Patricia Sue Pusecker, Dublin
Deborah Jean Raidel, Westerville
Robert Lynn Ramey, Marion
Lynn Bedell Rathbone, Columbus
Cathy Lynn Raymond, South Vienna
Marcella Lorene Reese, Anna
Martha Ann Reik, Columbus
Laura Kay Remington, Ashland
Christopher Allen Riehm, Wadsworth
Deborah Isabelle Rinehart, North Olmsted
James Phillip Rinella, Hamilton
Amy Vaughan Roberts, Worthington
Cindi Jo Robson, Kenton
Marjorie Ann Ward Rogers, Gahanna
Karen Marie Royle, Hudson
Michael Scott Rubin, Orange
Tonya Jo Ruoff, Grove City
Diana Lynn Sanders, Westerville
Penry Lee Sanderson, Lima
Ellen Marie Sansbury, Upper Arlington
Cynthia Lynn Santa-Emma, Cleveland
Loren Allen Santiago, Hilliard
Eileen Teresa Santry, Columbus
Rebecca L. Schott, Toledo
Pamela Lynn Schroeder, Leipsic
Dana Lynn Schrab, West Chester
Deborah Jean Sharp, Orwell
Marcy Sue Shield, Wayne, NJ
Troy Jerome Shodley, Cleveland
Karen Lynne Siebert, Cincinnati
Tina Marie Siefing, Celina
Marcella Faye Stone, Shelby
Bonita Ann Sushner, East Orwell
Marianne Smetana, Hyde Park, PA
Cheryl Lynne Smith, Bellefontaine
James Howard Smith, Jr., Lima
Jane Elizabeth Sollars, Washington Court House
Virginia Ruth Somerlot, Marion
Catherine Renee Stalter, Columbus
Laura Catherine Stapf, Cincinnati
Charles G. Steinbower, Newark
Kimberly Ann Stercula, Mayfield Village
Jennifer Paulus Steube, Canal Winchester
Gail Lynn Still, Wooster
Todd M. Storer, Worthington
Eileen Rose Strapp, Columbus
Jeanne Alice Surprenant, Cheshire, CT
Thomas Benjamin Swann, Cambridge
Sherrie KayAnn Tavtigian, Swanton
Barbara Ann Teeters, Reynoldsburg
Roberta L. Texter, Lakeview
Evelyn Ann Thomas, Belle Valley
Julie Thomas, Van Wert
Kathleen Ann Thompson, Lima
Kadry Sue Thornton, Powell
Dorothy A. Titterton, Bedford
Howard Gregg Titus, Lexington
Jennifer Lynn Todd, Columbus
Douglas Edward Turnbull, Springfield
Daniel Thomas Unterbrink, Van Wert
Laurie Leigh Valko, Columbus
Ethel S. Vanezalos, Logan
Judith Lynn Vinar, Columbus
Teresa Ann Vires, Lebanon
Deborah Susan Waldron, Gahanna

Patricia Barker Walz, Pickerington
 Kathryn Lynne Warehime, Delaware
 Tish Adele Washburn, Grove City
 Karen Sue Wasserman, Martin
 Marianna Sue Watts, Kenton
 Sandra Sue Weaver, Mansfield
 Heather S. Webb, Delaware
 Joyce Lorein Weekly, Newark
 Leon R. Weisenberger, Mansfield
 Elizabeth Mae Weithman, Galion
 Lola Vern Wessels, Lima
 Judith Anne West, Vermilion
 Rhonda Kay Wheatley, Columbus
 Elaine Louise Wheeler, Caledonia
 Martha Ellen Wheeler, Delaware
 Tamara Jean Miller Ward, Pataskala
 Barbara Kay Wilburn, Marion
 Elizabeth Kay Willis, Tipp City
 Leonard Willis, Columbus
 Suzanne P. Willison, Reynoldsburg
 Gregory Ronald Wisse, Columbus
 Lynn Kelly Wolfarth, Fostoria
 Jennifer Denise Woodie, Coshocton
 Paul Richard Woods, Columbus
 Charles Rudolph Wooten, Jr., Columbus
 Elizabeth Winnifred Worley, Scio
 Cheryl Jean Wright, Forest
 Mary Kathryn Wright, Upper Sandusky
 Linda Krouskop Wuebbenhorst, Wapakoneta
 Julia Anne Yablonski, Creston
 Vickie Lee Zeger, Galion
 Richard James Zepernick, Tipp City
 Barbara Berger Zimmerman, Bucyrus
 Virginia Marie Zornosa, Greensburg, PA

**Bachelor of Art Education and
 Bachelor of Music Education
 degrees are offered jointly by the
 College of the Arts and
 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

Thomas Edward Anderson, Lyndhurst
 Michael Lee Aunger, Toledo
 Karon Sue Baker, Scottsville, NY
 David Paul Beach, Williamsburg
 Thomas John Blachowski, Toledo
 John Robert Bochenek, Dayton
 Nathan Paul Bretscher, Valparaiso, IN
 John Phillip Carey, Marion
 Steven Edward Core, Weston, CT
 Timothy G. Crean, Olean, NY
 Ronald Alan Davis, Columbus
 Peter Joseph DeSalvo, Chicago, IL
 David Ira Dratter, Columbus
 Richard George Dudash, Avon Lake
 Jeffery C. Ehlers, Elk Rapids, MI
 Daniel Eugene Erwin, St. Paris
 Khaled Abdelmomen Farag-Elfiki, Benghazi, Libya

John Douglas Foley, Warren
 James Michael Forrester, Centerville
 Bruce Earl Giesige, Kalida
 Mark Allan Gottschalk, Cincinnati
 John Andrew Hatfield, Kettering
 Alan Glen Holmes, Dresden
 Samuel Emmett Horne III, Brecksville
 Haisam K. Ido, New York, NY
 Aviroot Kitamornvisai, Bangkok, Thailand
 John David Krejci, Chardon
 Thomas George Kress, Toledo
 Robert James Kurnega, New Philadelphia, PA
 Tai Choon Kwon, Columbus
 Hans Langan, Vegarshel, Norway
 Stephen Peter Law, Waterford, CT
 Taewoo Lee, Seoul, Korea
 James Andrew Lenio, Heath
 David W. Lewis, Akron
 Michael Ross March, Columbus
 Michael David Matarrese, Columbus
 Kelly Adam McKee, Bethel
 James Howard Medley, Jr., Cadiz
 Dale Dean Moorman, Plymouth
 Richard Andrew Page, West Carrollton
 Paul Edwin Phillips, Chillicothe
 Nikolaos Pourmaras, Athens, Greece
 Richard J. Price, Kettering
 Debra Leigh Randall, Worthington
 Richard Kyle Rockwell, Mt. Perry
 Paul Richard Rohs, Warsaw, NY
 John Mark Rossi, Pittsburgh, PA
 Jeffrey Michael Saling, Columbus
 Samuel Alan Spring, Chillicothe
 Gary Vincent Tension, Cuyahoga Falls
 John Edward Ullman, Columbus
 William Terrell Williams III, Trenton
 David John Wilson, Jefferson
 Douglas Robert Wynkoop, Findlay
 William Anthony Zidonis, Columbus

Bachelor of Science in Agricultural Engineering

Stephen Douglas Allgyre, Bloomville
 Jane Marie Armstead, Eaton
 Greg Allen Brubaker, Burgoon
 Calvin Wayne Keeran, Dunkirk
 Andrew Lynn Klopfenstein, Xenia
 Kimberly Kay Lewis, Stow
 Margaret Lloyd, Brentwood, NY
 Kevin Ray Nau, Fostoria
 James Richard Novotny, Avon Lake
 Michael Douglas Roeth, Piqua
 Elizabeth Florence White, Shippensburg, PA

Bachelor of Science in Aviation

Curtis Horn Knapp, Cincinnati
 Curtis Michael Longo, Springfield
 Barry Alan Piar, Mt. Vernon
 Jerry Alan Prass, Springboro
 Terry Michael Simo, Lorain
 Elizabeth Ellen Thompson, Sidney
 Jeffrey Joseph Venetta, Warren
 Jack Marlow Williams, Youngstown

Bachelor of Science in Ceramic Engineering

Scott Edward Colangelo, Heath
 Stephen Donald Dunmead, Zanesville
 Jeffrey Allen Forgette, Swanton
 Terry Lynn Geseli, Mt. Vernon, IL
 Brenda Lee Hoyt, Zanesville
 Terry Lee Klinker II, Wooster
 Julia Ann Miller, Terrace Park
 Thomas Dwayne Nixon, West Chester
 April Gayle Parker, Long Bottom
 Gary Robert Pickrell, Zanesville
 Diane Lynn Rychlick, Mingo Junction
 Andrew John Sherman, Mentor
 Vince Andrew Shores, Grafton
 Shannon Sue Singleton, Zanesville
 Benjamin John Soitzis, Northfield
 Sheryl Anne Stranan, Canton
 Randall Lawrence Sturtz, Zanesville

Bachelor of Science in Chemical Engineering

David Glenn Abernathy, Monroe
 Farshad Bavarian, Columbus
 Andrew W. Bur, Mansfield
 Theodore Charles Burnham, Mayfield Village
 Kevin Duane Byrd, Mansfield
 Maria Elaine Ciliberti, Louisville, KY
 John Leonard DeFilippo, Yorkville
 Laura Jean DeMoor, Seven Hills
 Keith Howard Driscoll, Columbus
 David Edward Engler, Massillon
 Roger Glen Facer, Lima
 Andrew Earl Farrell, Vienna, WV
 David Alan Flaunt, Somerset
 Andrea Marie Gajdos, Solon
 Alan Graeme Garscadden, Yellow Springs
 Mehrdad Ghofoorani, Portsmouth
 Charles Alan Hall, Columbus
 Scott Gregory Harris, Columbus
 Mark Joseph Hogan, Cincinnati
 Steven Patrick Hughes, Columbus
 Timothy Allen Johnson, Toledo
 Kelly Evan Jones, Columbus
 Leila Kiaee, Tehran, Iran
 Rebecca Marie Kiessling, Morrow
 Carl Warren Kretschman, Wooster
 David Alan Lodwick, Mansfield
 David Mark Love, Centerville
 Scott E. Lugibihl, Elida
 Jonathan Lee Macarus, Downers Grove, IL
 David Alan May, Lima
 Charles Douglas Moss, Ashville
 Stig Mowatt-Larsen, Warren
 Douglas Ray Myers, Columbus
 Kirsten Jean Petre, Sylvania
 Timothy Alan Pierce, Heath
 Max Kenneth Roper, Newton Falls
 Kathleen Ann Shannon, Cortland
 Perry Lee Sheldon, Kenton
 David Bruce Shields, Warren, MI
 Sharyn Ann Stevenson, Dayton
 Richard Thomas Strait, Franklin
 Paul Anthony Taiganides, Singapore
 Randolph Ewald Treudler, Cleveland
 Bruce M. Tlyock, Williamsville, NY
 Penny Jane Vanek, Houston, TX
 Lori Jean Welenendorf, Cincinnati

John William Welsh, Cincinnati
Terry Vincent Wilcox, New Matamoras
Michael John Yost, Woodbine, MD
David Alan Zimmerman, Akron

Bachelor of Science in Civil Engineering

David Edward Albus, Madison
John Joseph Alvis, Lancaster
Randy J. Archer, East Union
Salah Benabdallah, Daghache, Tunisia
Rick Lorin Berfield, Johnson City, NY
Yoon Meng Chong, Kampar Perak, Malaysia
Jason Ray Coffee, Ashley
Sami El-Borgi, Sfax, Tunisia
Susan E. Fitch, Novelty
Rick Allen Fontana, Columbus
Daniel Robert Gairing, Wadsworth
Mari Catherine Geraci, Columbus
John Terry Grow, Columbus
Jeffrey Dean Hackenbracht, Marion
Kent Philip Halloran, Rossford
Robert Paul Hannahs, Marietta
Timothy Jeffrey Humphrey, Springfield
Daniel Robert Johnson, Stow
John A. Kaldawi, Williamsport, PA
Roger Michael Kochman, Cleveland
Cori Ann Kurtz, Old Bridge, NJ
Frank Rudolf Langner, Mansfield
Alex Man Fai Lo, Hong Kong
Rizk Makhouf, Jaudaida-Akko, Israel
David Marchese, Sussex, NJ
Jerry Daniel Matheis, Harrison
Timothy Ivan Mitchel, Sandusky
Charles Arthur Mitchell, Vineland, NJ
Gary Andrew Mohnacsy, Chagrin Falls
Neal Michael Moscato, Lima
Lisa Kay Moser, Defiance
David Andrew Niday, Columbus
Kong Hin Ong, Columbus
Louis Alfred Piccin, Lansing
Andrew Michael Pizza, Sylvania
David George Riley, Columbus
Nicholas Joseph Russo, Cincinnati
Steven Crayton Saunders, Columbus
Ronald William Schrack, Columbus
Patricia Lynn Schrum, Youngstown
Vikram Singh, Umerkot-Sind, Pakistan
Richard Morgan Slocum, East Syracuse, NY
Douglas Frederick Smith, Fredonia, NY
Eric Joseph Troyer, Columbus

Bachelor of Science in Computer and Information Science

Richard David Acuff, Hamilton
Marian Lynn Annable, Belpre
Thomas Alan Azallion, St. Clairsville
Richard Darryl Bart, Wooster
Gary Lee Barton, Columbus
Douglas J. Bennett, Grove City
Richard Bernadella II, Masury
Anne Marie Bishop, Louisville
Lisa Marie Byczynski, Elyria
Richard Wayne Calentine, Washington Court House
Mikel Miodrag Cvetanovic, Delaware

Michael Arthur Davis, West Chester
John DiMassa, Brook Park
Gary Charles Doney, Milan
Gregory Albert Donneils, Columbus
Eugene A. Dzambasow, North Olmsted
Laura Lea Congos Eckert, Columbus
John Bradbury Faircloth, Persacola, FL
Michael Robert Faulkner, Columbus
John Eric Faure, Columbus
Timothy Lewis Fondy, Dayton
John Stephen Gaglione, Shaker Heights
Cecilia M. Gil Comerma, Caracas, Venezuela
Catherine Victoria Griesmer, Cleveland Heights
Kevin David Hoffer, Peebles
James Louis Hontas, Canton
Jack Leroy Huddleston, Jr., Columbus
Amy Kwangpin Jen, Williamsville, NY
Christopher Eugene Jeschke, Lima
Gregory Scott Joyce, Richardson, TX
Jeffrey Eugene King, Columbus
Susan M. Kirmer, Sandusky
Loukis Michael Kissonergis, Nicosia, Cyprus
David Kevin Kody, Westborough, MA
Paul Yew-Teck Kwee, Singapore
Chi Yung Lai, Hong Kong
Dennis John Leciejewski, Parma
David Gempel Lindstrom, Flossmoor, IL
Gregory Paul Martin, Shelby
Thomas Harmon Mayo, Columbus
Steven Fredrick McIntosh, Marysville
Aaron Joel Mellman, Columbus
Robert Scott Middeker, Canton
Jennifer Ellen Newman, Sterling, VA
Michele Marie Oelker, West Chester
John J. Pavlov, Hubbard
Deirdre Anne Peck, Columbus
Bruce Lynn Perry, Columbus
Daryl Thomas Poe, Columbus
Randy Robert Polen, Zanesville
Anita Marie Porter, Toledo
Karl Heinz Putz, Worthington
Loniel Ross Rader, Reynoldsburg
Ahmad bin Abdul Rahim, Malaysia
Karen Joanne Rankey, Arlington
Richard Franklin Rash, Zanesville
John David Schafer, Centerville
Michael J. Seifert, Uniontown
Sanjay G. Shah, Lancaster
Richard Paul Simonian, Columbus
Janet Marie Skerkoski, Euclid
Melodie Lois Lynn Smith, Blacklick
Sara Rosalia Susskind, New York, NY
Richard Ellis Teljohann, Maumee
Randal Keith Thompson, Hebron
Richard J. Toeniskoetter, Columbus
Fortune Angelo Tomassi, Warren
Kailopi Colette Tsofilas, Akron
Eric Leon Vanuska, Grand Rapids, MI
Randolph Vires, Lorain
Raymond Boulos Wardan, Columbus
Lawyer Westbrook III, Columbus
John Frederick Williams, Upper Arlington
Randall Scott Wright, Huber Heights
Ivan Lewis Zelner, Sycamore

Electrical Engineer

John McGregor DeArmon, Dayton
R. D. Melchior, Ashtabula
Giancarlo Tasso, Sao Paulo, Brazil

Bachelor of Science in Electrical Engineering

Elizabeth Ann Bahman, Akron
Linnea Ann Berggren, Atlanta, GA
Prashanth Bhat, Columbus
Benjamin William Blair, Circleville
Josephine Ann Carney, Columbus
Clayton William Chadbourne, Friendly, MD
Michael Sander Charis, Cincinnati
Nyen Kong Choo, Kuala Lumpur, Malaysia
Philip Daniel Chupp, Wooster
Douglas Farrel Coates, Jr., Beaver Creek
Bryan Steven Costello, Wexford, PA
David Allen Dessert, Beaver Creek
Mark Alfred Diederichs, Springfield
Bradley Farand Drake, North Kingsville
James Joseph Durbak, Perry
Robert Michael Echenrode, Columbus
Dawn Currier Emerson, Elyria
Mitchell Owen Faust, Dayton
Robert Alan Fisch, Skokie, IL
William Howard Gamble, Albuquerque, NM
John Floyd Greco, Chillicothe
Kimberly Lynn Green, Kettering
Richard Anthony Hieber, Xenia
Jesse Eugene Hopkins, Geneva
David Allen Hoptry, Lexington
Amy Kwangpin Jen, Williamsville, NY
Timothy John Jones, Cortland
Hichem Kallel, Sfax, Tunisia
Anthony Jerome Kehres, New Washington
Jeffrey Shawn Kirk, Columbus
John Stuart Kleine, Cincinnati
Peter Gerald Knabe, Cincinnati
Joseph Kevin Knebl, Grandville, MI
Jonathan Edward Koschmann, Brooklyn
Gregory Kulon, North Royalton
Stuart Garrard Laws, Nissequogue, NY
Robert Alan Leasko, Mentor
Alan Joseph Leininger, Cincinnati
Sawako M. Leslie, Columbus
Daniel John Lessing, Columbus
Daniel Clark Maddy, Sylvania
Emanuel Giovanni Manasci, Italy
Joseph William Martin III, Bexley
Jeanne Ann Mommaerts, Columbus
Vasile Ray Montan, New Philadelphia
Constance Marie Norris, North Canton
Seow Peng Ooi, Penang, Malaysia
Lisa Ann Pertican, Canton
Roberta Jo Peters, Columbus
Kenneth James Phillips, Jr., West Lafayette
Timothy Mark Pinkston, Delaware
Eugene Damian Pinto, Salmiya, Kuwait
Daryl Thomas Poe, Columbus
Richard Martin Povermire, Columbus
David Anthony Rea, Brecksville
Nick J. Rebich, Steubenville
Richard Thomas Reel, Milan
Daniel Earl Rees, Centerville
Anne Lueck Reznik, Oro, NE
Theodore Ezra Riffle, Toronto

Paul Herbert Rogers, Fresno
 Theodore G. Rossin, Westlake
 Terry Michael Schaffner, Baltimore
 Michael William Schmitt, Hudson
 Edward George Schnell, Columbus
 Richard Edmond Schweder, Lakeville
 Andrew K. Seit, Hong Kong
 Raymond Andrew Severyn, Broadview Heights
 Clifford C. Shang, Huber Heights
 Robert James Shanks, Reynoldsburg
 David Lee Shumate, Mansfield
 William R. Sink, Findlay
 George Andrew Sinila, Cuyahoga Falls
 Ronald Ray Smith, Zanesville
 Ricky James Sprugeon, Delaware
 Joel E. Straughen, Centerville
 Purnima Subramaniam, Madras, Tamil Nadu, India
 Laszlo Andrew Takacs, Ashtabula
 David Scott Uetrecht, Cincinnati
 Myron Alexandre Valentine, Springfield
 Richard Alan VonClausberg, Pickerington
 Elizabeth Anne Walter, Columbus
 Joseph Robert Wenzel, Mentor
 William Parker Whitlock, Jr., Bexley
 Kenneth Russell Wilson, Avon
 Jan-Chung Wong, Shensi, China
 Thomas Marsh Yocum, Columbus
 Dean Patrick Yost, Fostoria
 Daniel Paul Young, Cuyahoga Falls
 Monged Akram Zawahri, Akron
 James E. Zeferjahn, Cazendua, NY

Bachelor of Science in Engineering Physics

Kenneth Albert Hennacy, Columbus
 Luke Nutter, Newark
 Bret Adam Rinehart, Wapakoneta
 Gregg Hunt Wilson, Oxford

Industrial Engineer

James Patrick Hertenstein, Norwalk

Bachelor of Science in Industrial and Systems Engineering

Stephanie Susan Acton, Bexley
 David K. Ballard, Westerville
 Karen Lee Belknap, Columbus
 James Peter Benchek, Mayfield Heights
 Lewis James Berg, Cincinnati
 Sharon Lynn Bombach, Fairfield
 Mark Alan Bowman, Lancaster
 Anna Branham, Clyde
 Kathleen Marie Brumback, Lorain
 Carey Fawn Childers, Norton
 Michael Scott Cortino, Circleville
 Joseph Peter Dobler, Kettering
 Todd Lewis Ebner, Springfield
 Thomas Eugene Ewell, Columbus
 Noreen Flanagan, Pittsburgh, PA
 Ronald Jay Geil, Jr., Vermilion
 Patricia Lynn Grieme, Cincinnati
 Katherine Mary Hanrahan, Toledo
 Daniel Michael Haymond, Bay Village
 Gary Alfred Henderson, St. Clairsville

Tammy Jean Holquist, Rhineland, WI
 Steven McLee Huff, Columbus
 Charles Frederick Koontz, Newark
 Donald James Lee, Parma
 Shawn Paul Lyman, Columbus
 Steven Lee McSurley, Waterville
 Daniel Craig Mierchik, Port Clinton
 Douglas Alton Myers, Cincinnati
 Kevin Michael Myers, Pittsburgh, PA
 Andrew J. Noe, Warren
 Leslie Karen Novicki, Columbus
 Alan Eugene Owens, Westerville
 Bradley Lawrence Paton, Fairview Park
 James Scott Ramsey, North Canton
 Charles Wilbur Robson, Jr., Belaire
 Muhammad Mazen Sasseh, Damascus, Syria
 Robert Frederick Sauer, Akron
 Michael Edward Schmidt, Dayton
 Wilson John Schroeder, Kalida
 Kai Ming Shuen, Hong Kong
 Linda Kay Sillman, Columbus
 Christopher Donald Sorensen, Stamford, CT
 Susan Carol Sparks, Columbus
 John Anthony Stevens, Youngstown
 Catherine Grant Thomas, Newark
 Dianne Lynn Thompson, Columbus
 Rebecca Sue Valentine, Columbus
 Leopoldo Rafael Villasana, Barcelona, Venezuela
 Karla Marie Weaver, Cincinnati
 Ann Marie Weidner, Columbus
 Daniel Lee Weishaar, Wadsworth
 Gary Robert Wengertner, Colubus
 Gregory Leo Wildenthaler, Troy
 Matthew Wayne Williams, Carey

Bachelor of Science in Mechanical Engineering

Habib Affes, Sfax, Tunisia
 Douglas P. Allen, Columbus
 Perry Klaus Arnold, Mansfield
 Dana Stephany Balfour, Marietta
 Steven Mark Balman, Cincinnati
 Timothy Paul Boes, Findlay
 Michael Lee Boninger, South Euclid
 Pamela Ann Boyd, Englewood
 John Russell Briar, Huber Heights
 Alex I. Briskin, Centerville
 Craig R. Brooks, Reynoldsburg
 Jay Reed Campbell, West Chester
 John Casuccio, Columbus
 Joseph S. Chirico, Bloomfield, NJ
 Michael Alan Cline, Martins Ferry
 Carol Louise Collins, Worthington
 Darryl Jay Collins, Dayton
 David Douglas Crabtree, Gallipolis
 John Joseph DeCol, Columbus
 Robert Charles Dennis, Rocky River
 David Clark Derry, Akron
 Clark Richard Dohmann, Tullahoma, TN
 Bruce Frank Drake, Ashtabula
 Saniti Ektantiphong, Bangkok, Thailand
 Mohsen Esfahanian, Kashan, Iran
 Matthew Sean Fearon, Cuyahoga Falls
 Jeffrey Eugene Feick, Crestline
 Robert Richmond Fischer, Mansfield
 David Michael Fronk, Columbus
 Amir Ghamat-Rezaei, Columbus

Michael Thomas Gurski, Mansfield
 Harold Harrison Henry III, Milan
 Gary Donald Hipp, Sandusky
 Mark Robert Hovevar, Warren
 Scott Kevin Hudson, Syracuse, NY
 Tauhid Husain, Karachi, Pakistan
 Phil Craig Ingle, Bryan
 Brett Douglas Irick, Monroe, CT
 Christopher Andrew Jarc, Eastlake
 Beth Louise Jenkins, Columbus
 James Warren Jones, New Riegel
 Kent Wayne Kahle, Dayton
 Thomas William Kerslake, Middleburg Heights
 Natalie Sue Kobelak, Tipp City
 Constantinos Michael Koutoumbas, Nicosia, Cyprus
 Karl David Kovach, Avon Lake
 Todd Christopher Krenelka, Reynoldsburg
 Daniel Patrick Laurent, Lima
 John Wain Leech, Mansfield
 Robert Frank Maggioro, Canton
 Douglas Edward Maier, Huntsville
 Laura Ann Martino, Novelty
 Jeffrey Lee Mason, Pickerington
 Michael Joseph McNulty, Mayfield Heights
 David John Mears, Sandusky
 Kevin John Meehan, Geneva
 Tan Chong Meng, Malaysia
 Kenneth David Mellott, Bellbrook
 John Scott Mertler, Mansfield
 Lonita Sue Miller, Columbus
 Christopher Stephen O'Connor, Columbus
 Bruce Allen Osani, Strongsville
 Ernest Wayne Phillips, Mansfield
 Christodoulos Michael Plerides, Nicosia, Cyprus
 Timothy Vaughn Powell, Westerville
 Curtis Lee Puthoff, North Olmsted
 Geoffrey Quimán Quo, Cincinnati
 George McClellan Reazer IV, Lebanon
 Alan Lee Roath, Madison
 Kelly J. Robinson, DeWitt, MI
 Stephen Michael Roth, Trenton
 Jeffrey Brooks Schoenberger, Perrysburg
 Steven James Seiple, Columbus
 Fred Joseph Sham, Jr., Franklin Lakes, NJ
 James P. Sliwinski, Sagamore Hills
 Darlene Alice Smith, Cleveland
 Mark Gordon Sponsler, Perrysburg
 Tom Alan Stanforth, Massillon
 Gary Lee Steer, Damascus
 Brian Lee Stephens, Fairview Park
 William E. Stinson, Worthington
 Donald Frank Tandy, Jr., Beavercreek
 Jeffrey Ronald Taylor, Medina
 John Alan Toney, Columbus
 John Anthony Treglia, Mingo Junction
 Mark J. Vanden Wymelenberg, Warren
 Thomas Joseph Ward, Gaylord, MI
 Andrew J. Waters, Brandenburg, KY
 Wayne Ralph Whitehead, Germantown
 Christine Marie Wires, Wooster
 Daniel Lloyd Wittmer, Avon Lake
 Danny Wong, Columbus
 Diane Lynn Wood, Charleston, WV
 James Claude Zeck, Castalia
 Scott Paul Zimmerman, Dayton

Bachelor of Science in Metallurgical Engineering

Maureen Agnes Beatty, West Chester
Joseph C. Bundy, Mentor
Wagar Ijaz Chaudry, Sargodha, Pakistan
James Paul Dereskiewicz, St. Clairsville
Kirk Alan Erven, Columbus
Desiree B. Gordon, Mansfield
Paul Henri Hodson, Monroe
Garth Woodson Lynn III, Lake Zurich, IL
Jonathan Pearson Papai, Detroit
Stephanie Cheryl Rapp, Columbus
Sharon Jean Schriver, Baden, PA
Robert Ambler Semmel, Cincinnati
Michael Joseph Sertozo, Newark
Radek Slezak, Ontario, Canada

Bachelor of Science in Mining Engineering

Mark Edward DeBrosse, Piqua
Daryl Lynn Heestand, Salem
Jeffrey Ray Lutz, Avon Lake

Bachelor of Science in Surveying

Valerie Dawn Frace, Westerville
Gary Andrew Mohnacksky, Chagrin Falls

Bachelor of Science in Welding Engineering

George Alex Bolas, Akron
Kurt Eric Buzek, Strongsville
Douglas V. Cathis, North Canton
Douglas R. Corle, Springfield
George Joseph Daumeyer III, Cincinnati
James Paul Dereskiewicz, St. Clairsville
Donald Ted Gibbs, Middletown
Dennis Duane Harwig, Massillon
Dennis M. Jaskiemy, Plymouth, MI
Brian Gerard Lawlor, Endicott, NY
Paul Michael Maistros, Jr., Columbus
Gregory Dale Malone, Duluth, MN
Michael David McAninch, North Tonawanda, NY
Russell John Melnick, Columbus
Scott Hazzard Murray, Hebron
John S. Phillips, Wrentham, WI
Viateur Paul Saindon, Elgin, IL
Phillip Allen Weisenbach, Columbus
Lawrence James Whims, Rittman
Darrell Ray Wisner, Parkersburg, IL
Stephen Gerard Zorko, Olmsted Falls

School of Architecture

Bachelor of Science in Architecture

Juan Miguel Aguiló, Hudson, NH
Saleh Mohamed Almaskary, Thabiti-Ibra, Oman
Theresa Koczan Andre, Sheffield Lake
Steven Mark Arend, Toledo
Teri Lynn Baker, Georgetown
Timothy Ross Baker, Georgetown

Carol Lynn Batsch, Columbus
Louis Carl Batsch III, Cincinnati
David Allen Berkovitz, Beachwood
Jeffrey Joseph Betsch, Geneva
Cheryl Denise Bruce, Reynoldsburg
Robert V. Buonaspina, Canton
Steven Ralph Dietrich, Bellevue
Robert Bruce Paris, Grove City
Karen Anita Genung, Hudson
Stan George Guidera, Lima
Kevin Alan Harrison, Westerville
Michael G. Hasara, Brook Park
Dean Nicholas Hatjioannou, Bloomfield Hills, MI
Samuel W. Henderson, Painsville, NJ
Lou Ping Hui, Bandar Seri Begawan, Brunei
Bruce Robert Hinrichsen, Cincinnati
Cheryl L. Homer, Lorain
Mark R. Hose, Ovid, MI
Bryan B. Hunt, Toledo
Rodney Lee Johnson, Ney
Dowoon Lee, Columbus
Eric Daniel Lipschutz, Cherry Hill, NJ
Julie A. Loewenstein, Cincinnati
Richard Alan Lucas, Garfield Heights
Fred G. Margulies, Valley Stream, NY
Randall Adam James Matejka, Independence
Ron Aviv Medalie, Shaker Heights
David Benjamin Meleca, Columbus
William Lee Morris, Jr., Alexandria, VA
Kevin V. O'Brien, Jamesville, NY
Danny Scott Pease, Perrysburg
Dragan Petkovic, Rocky River
David Alan Pontia, Yorkville
Richard Albert Pontius, Greenville
Curt Matthew Radkin, Kensington
Ayad Berty Rahmany, Baghdad, Iraq
Robert Douglas Ritchie, Fly
Dana Lynn Robinson, Vandalia
Stephen Roka II, Columbus
David James Rybak, Northfield Center
Lora E. Sebald, Dayton
Sherry Lynn Seiler, Columbus
Curt William South, Piqua
Susan Elizabeth Teach, Upper Arlington
Phillip Reynold Templeton, Upper Arlington
Craig Michael Vander Veen, Akron
James Anthony Wallis, Mentor
Dale E. Wilkowske, Vienna, VA
Paul Francis Woodruff, Gahanna
Alahyar Yadegari, Tehran, Iran
Richard Lawrence Yankel, Youngstown
Stephen Todd Zilles, Fremont

Bachelor of Science in Landscape Architecture

Kevin James Brickman, Mansfield
Julia Anne Cleaver, Columbus
Mary Clark Ferris, Santa Monica, CA
James Richard Foley, Hilliard
Brett Meyers Godard, Akron
Thomas Daniel Harrington, Columbus
Christine E. Hunt, Columbus
Mary Elizabeth Tompkins Husman, Akron
Daniel Jacob Kastelic, Euclid
Daniel Jacob Keck, Marblehead
Michael Paul Mauer, Aurora
Tamara Leigh Mizsak, Columbus

Jay A. Muether, Prospect
Andrew W. Reimann, Park Ridge, IL
Mark John Schirmer, North Olmsted
Pamela Jeanne Shaver, Westerville
Nancy Louise Strayer, Elida
Charles Walter Ware, Jr., Cherry Hill, NJ
Michael Thomas Zimmerman, Columbus

College of Home Economics

Dean: Lena Bailey

Bachelor of Science in Home Economics

Carol Rebecca Bair, Columbus
Deborah S. Barat, Columbus
Nicole Regina Bartsch, Westerville
Bonnie Lou Beitzel, New Philadelphia
Terri Lynn Bennett, Toledo
Mark Paul Bidell, Westlake
Pamela Jean Borton, Huber Heights
Jennifer Lynn Bowsman, Fletcher
Hilal Suna Bozkir, Orrville
Letricia Adair Bretford, Piqua
Susan Ellen Brown, Columbus
Mark Alan Buschor, Celina
Chanda Busse, Somerset
Lynn Ann Callahan, Perrysburg
Teresa Ann Capello, Caldwell
Susan Carol Cappelli, Willoughby
Patricia Elaine Chittenden, Wooster
Felicia Hei-Sung Chun, Murrysville, PA
Susan Kay Cooper, Zanesville
Lisa Jane Copenheaver, Kettering
Shirley Ann Cox, Irvington, NJ
Maureen Ann Curran, St. Clairsville
Lisa L. Doench, Middletown
Kathleen Marie Donnelly, Strongsville
Bernadette Edge, Cleveland
Patricia Ann Ely, South Euclid
Julie Anne Esswein, Columbus
Cynthia Lee Finfrack, Columbus
Julie Catherine Flautt, Somerset
Joe Benjamin Franco, Denver, CO
Mary Ellen Frey, Cuyahoga Falls
Janell Beatrice Garvin, Shelby
Linda Leann Grabner, Columbus
Christie Ann Growel, Sandusky
Gae B. Hagerty, Columbus
Susan Lesli Havens, Columbus
Kathryn Ann Hengesbach, Richmond Heights
Joy Ann Herrington, Warren
Cindy Louise Hershberger, West Liberty
Cheryl Gerardette Hopkins, Columbus
Lisa Marie Horsley, Portsmouth
Teresa Lea Ickes, North Ridgeville
Heidi Adele Johnston, Troy
Pamela Ann Kasten, Mentor
Doreen Rae Knapp, Mogadore
Salle Beth Komar, Chesterland
Sheryl Lynn Kraner, Newark
Kenda Louisa Mackley, Sunbury
Leasa Jo Maney, Lima
Linda Sue Marshall, Chochocton
Jayne Lee McBurney, Ashland
Kim Ann McDonald, Newark
Amy Jane Melli, Columbus

Cynthia Sue Neal, Zanesville
Sharleen Gai Newland, Columbus
Lisa Carol Oman, Springfield
Virginia Irene Parknvy, Plain City
Victoria Lynn Paul, Canton
Diana Lynn Pauley, Centerburg
Anne Helene Payter, Proctorville
Clare Frances Petrarca, Columbus
Lisa A. Pohl, Versailles
Barbara Ann Pryor, Westerville
Robin Marie Riley, Columbus
Cindi Louise Schieller, Rocky River
Nancy Lynn Schumm, Bay Village
Lori A. Schwarz, Dayton
Laurel Ann Shie, Westlake
Jodi Ellen Small, Youngstown
Leanne Marie Smith, Massillon
Lisa Gail Smith, Lilburn, GA
Constance Marie Smock, Dayton
Tammy Leigh Stalder, Baltimore
June Rose Steinmetz, Tiffin
Misty Lynn Stiles, Gahanna
Amy Nolan Stone, Columbus
Gwendolyn Michelle Tatum, Cleveland
Lyn Rene Truskowski, Worthington
Laura Watson Weeks, Marion
Jane M. Wisniewski, Toledo
Karen Fert Wisse, Columbus
Karen Jean Woeste, Centerville
Elizabeth Jean Young, Hilliard
Sally Ann Zackey, Bridgeport

Bachelor of Science in Nutrition

Michael James Antolik, Columbus
Lara Lee Fallin, Mansfield
Bryan Keith Silverman, Bayshore, NY

Bachelor of Science in Restaurant Management

Kathy Ann Edelman, Lyndhurst
Rose Ann Marie Fritz, Red Hook, NY
David Reid Lankard, Jr., Columbus
Susan Lynn Nourie, Columbus
Kristi Lee Oesch, Shelby

College of Law

Dean: James E. Meeks

Juris Doctor

William Joseph Adams, Lakewood
B.A. (Miami University)

Linda Marie Babjak, Parma
B.A. (Alderson Broadous College)

Carla Jo Baird, Portland
B.S. (Troy State and Ball State University)

Walter Robert Bieganski, Parma
B.B.A. (Cleveland State University)

Mary Ellen Bigler, Massillon
B.A.

Joseph Richard Black, Columbus
B.S.I.S.E.

Victor Lewis Bland, Portage
B.B.A. (Western Michigan University)

Jacqueline S. Bolas, Louisville
B.A. (University of Notre Dame)

Sean Andrew Bowen, Shaker Heights
B.S. (Tulane University of Louisiana)

Janet Lynne Braun, Cincinnati
B.S.I.S.E.

Pamela Denise Briggs, Zanesville
A.B. (Ohio University)

Tracy Lynn Bryson, Marion
B.A. (Bowling Green State University)

Waneta K. Buddemeyer, Johnstown
B.S. (Ohio University)

Joseph Orwin Bull, Marion
B.S.

Ronald Mark Caldwell, Stillwater
B.A., B.A. (Pennsylvania State University)

John Scott Carlin, North Canton
B.A.

Robert Paul Carlisle, Millersport
B.S.

Lone Ann Chaiten, South Euclid
B.A. (Wells College)

Elizabeth Vandetta Chichester, Columbus;
B.A. (Mary Washington University)

Jane Suzanne Chodash, Cincinnati
B.S., B.A., (University of Pennsylvania)

Michael Coard, Philadelphia
B.A., B.S., (Cheyney State College)

Ilene Cohn, Pepper Pike
B.A. (University of Massachusetts)

Kevin Patrick Collins, Millersburg
B.A. (Ohio Northern University)

Ernest Eugene Cottrell, Jr., Curtice
B.A. (University of Toledo)

Thomas S. Counts, Botkins
B.A. (Ohio Northern University)

Cathleen May Cover, Columbus
B.A.

Joshua Thomas Cox, Van Wert
B.A. (Miami University)

Catherine B. Crandall, Pataskala
B.A. (University of Louisville)
(Capital University Legal Assistance Program)

Floyd Wayne Cranmore, Coleman
B.A. (University of Oklahoma)

Kathleen Ann Cullen, Yellow Springs
B.A. (Wright State University)

Douglas Parker Currier, Aurora
B.A. (Middlebury College)

David Arthur D'Annibale, Parma
B.A. (Bowling Green State University)

Julia Anne Davis, Alron
B.A. (John Carroll University)

Sophia Eleanor Davis, Dayton
B.A. (Harvard)

Michelle Dorsey Deis, Dayton
B.A.

James Alexander Demetry, Birmingham, AL
B.A. (University of Michigan)

James Michael Dietz, Canal Winchester
B.A. (Capital University)

Stephen Huling Dodd, Columbus
B.S.

Deneen De Donough, Columbus
B.S.

David Alan Dye, Bay Village
B.A.

Timothy Edward Eagle, Middletown
B.S.

Kennie Lee Edwards, Stow
B.A. (Kent State University)

Marcia Ann Egbert, Columbus
B.A.

Jeffrey James Ellis, Columbus
B.A.

Matthew Lige Epling, Gallipolis
B.A.

William Rodney Evans, Columbus
B.A.

Heleen Louise Farz, Kettering
B.A.

Beverly J. Farlow-Carr, Columbus
B.A. (Wittenberg University)

William Henry Ferguson, Bylesville
B.A. (Walsh College)

Elizabeth Anne Flynn, Alron
B.S.

Clair March Forrest, Jr., Tiffin
B.S.
M.A. (Bowling Green State University)

Scott Jay Frankel, Beachwood
B.A. (Oberlin College)

Charles Michael Gegenheimer, Columbus
B.S. (Carnegie Mellon University)

Michael Alva Geraciotti, Toledo
B.A. (Northwestern University)

Gary Alan Gillett, Cincinnati
B.A. (Vanderbilt University)

Scott Elliott Goldberg, Shaker Heights
B.B.A. (Emory University)

Steven Avery Goldfarb, Orange Village
B.A. (Indiana University-Bloomington)

Janette Elaine Goldstein, Southfield, MI
B.A. (University of Michigan)

Pamela Jean Gordon, Mansfield
B.S.

Sharie Kim Graham, New Philadelphia
B.A. (Bowling Green State University)

Carl Bernard Grant, Dorchester
B.A. (South Carolina State University)

Hugh Abram Greentree, Columbus
B.A.

Jeffrey M. Grinstead, Youngstown
B.A. (Emory University)

Gary Lee Grubler, Wheeling, WV
B.A. (Wittenberg University)

David Allen Gurwin, Columbus
B.S.

Susan Jean Haas, Marietta
B.A. (Oberlin College)

Mark Manning Hamblett, Barrington, RI
B.A. (Connecticut College)

Deborah Ann Hammitt, Meadville, PA
B.A. (Pennsylvania State University)

Randy Lee Happoney, Circleville
B.A. (Miami University)

Kevin Paul Hardman, Akron
B.A.

Polly Jane Harris, Cleveland Heights
B.A. (Miami University)

Kristin Freitag Hay, Akron
B.A. (Kenyon College)

Jeffrey Allen Heintz, Maplewood
B.S. (Ohio Northern University)

Richard William Holz, Port Clinton
B.S. (Ohio Northern University)

Jeffrey Paul Hopkins, Canton
B.A. (Bowdoin College)

Stuart Mark Horwitz, Loveland
B.S.

Hollis Janson Howland, Columbus
B.A. (Mount Union College)

Michael Gerard Hoy, Middlebury Heights
B.A. (College of Holy Cross)

Lloyd Ezra Hubler III, Brookville
B.S. (Right State University)

Alan Lee Inglis, Shaker Heights
B.A. (Northwestern University)

Stephanie Mason Jackson, Reynoldsburg
B.S. (Bowling Green State University)

Vicki Lynn Jenkins, Dayton
B.A.

Mark Alan Johnson, Milford Center
B.A. (Otterbein College)

David Brian Joranko, Mentor
B.A. (Duke University)

Konrad Helmut Kaeding, Quincy, IL
B.S. (University of Illinois)

Stephen Martin King, Akron
B.A. (Washington and Lee University)

Stanley Todd Koenig, Chagrin Falls
B.S. (Case Western Reserve University)

Frances Martine Kovac, Columbus
B.S. (Ohio University)

Susan Aliene Kovach, Reynoldsburg
B.A. (Wittenberg University)

John Joseph Laffey, Mountain View, CA
B.A. (San Jose State University)

Sherri Blank Lazear, Akron
B.A.

David Edward Lefton, Cincinnati
B.A. (University of Cincinnati)

Laura Jean Leitch, Normal, IL
B.A. (University of Illinois)

Sarah Ann Levinson, Steubenville
B.S.

Gordon Finley Litt, Columbus
B.A. (Georgetown University)

William Douglas Lowe, Columbus
B.A. (Ohio University)

Ann Louise Luchsinger, Worthington
B.A. (Baldwin Wallace College)

Gualberto Magana, Archbald
B.A. (Eastern Mennonite College)

Andrew Gerald Makoney, Brooklyn, NY
B.A. (Howard University)

Thomas John Marchese, Columbus
B.S.

Mark Taylor Margerum, Ingomar, PA
B.S. (Miami University)

Darrell Nicholas Martijohn, Youngstown
B.A. (Walsh College)

Elizabeth Kay Mase, Columbus
B.A.
(Capital Law School)

Joseph Victor Maskovyak, Grand Rapids, MI
B.A. (Bowling Green State University)

James Michael Matthews, Indianapolis, IN
B.A. (Wabash College)

Bonnie Linda Maxton, Springfield
B.A. (Wittenberg University)

William Dwayne Maynard, Cleveland
B.A. (Brown University)

Yvette Maria McGee, Columbus
B.S. (Ohio University)

Krista Ann McGowan, Westport, MD
B.S. (Frostburg State College)

Mary Lynn Meaney, Columbus
B.S. (University of Dayton)

Jeffrey Allen Merklin, West Jefferson
B.A. (Muskingum College)

Pamela Allison Michaels, Akron
Bachelor of General Studies (Kent State University)

Reginald Chibuzo Momah, Idaho, Nigeria
B.S. (Central State University)
M.B.A.

James Paul Monast, Columbus
B.S.

Christian Montgomery, Cincinnati
B.S. (Ohio University)

Michael M. Moore, Gahanna
A.S., B.S. (Franklin University)

Kevin Patrick Murphy, Youngstown
B.A. (University of Dayton)

Marcia Joy Myers, Dover
B.A. (Bowling Green State University)

Sherri Lynn Neiding, Vermilion
B.A. (Miami University)

Nora Jean Nerone, Columbus
B.A.

Carol Marie Nevits, Brecksville
B.A. (Miami University)

Constance Elaine Nicholas, Houston, TX
B.A.

John Henry Obora, Parma
B.A. (Baldwin Wallace College)

Ann MacLure O'Connell, Toledo
B.A. (Williams College)

William Joseph O'Neill, Avon Lake
A.B. (Assumption College)

Vivian Lee Opelt, Columbus
B.S.

Jeffrey Randall Owen, Pittsburgh, PA
B.A. (Allegheny College)

Julie K. Paek, Cincinnati
B.A. (University of Cincinnati)

Alix Likka Pastis, Worthington
B.S. (Case Western Reserve University)

Robin Renee Patrick, Medfield, MA
B.A. (University of Massachusetts)

Maude C. Peronneau, Culver city, CA
B.S. (Long Island University)

Barbara Jane Pfeiffer, North Canton
B.A.

Robert John Pioli, Marietta
B.A. (Catholic University of America)

David I. Pomerantz, Pepper Pike
A.B. (University of Michigan)

Cherry Lynne Poteet, Columbus
B.A.

*George William Price, Scio
B.A.

Helen M. Quenemoen, Dublin
B.A. (Carleton College)

Regina Ellen Quinn, Columbus
B.A.

Douglas Mark Radman, South Euclid
B.S.

David William Raybuck, Cuyahoga Falls
B.S. (Miami University)

Rita Dolan Reddy, Bethlehem, WV
B.S. (Wheeling College)

* Awarded Posthumously

Ivan Lenwood Redinger, Massillon
B.A. (Bowling Green State University)

Jack Duane Rieser, Columbus
B.A. (Capital University)

Craig Vernon Ring, Xenia
B.A. (Miami University)

Theresa Jean Rittinger, Chillicothe
B.A. (Muskumgeum College & Wayne State
University)

Sara Ellen Robbins, Columbus
B.A. (University of Cincinnati & Pratt Institute)

Robert E. Roland, Hubbard
B.A. (Miami University)

Anthony Michael Roseboro, Columbus
B.A. (Wittenberg University)

Martin Sanford Rosenthal, Cincinnati
B.A. (University of Cincinnati)

Robert C. Rosselot, Cincinnati
B.A. (University of Virginia)

David B. Rossio, Rocky River
B.A. (Miami University)

Ann Lynn Routt, La Porte, IN
B.A. (Ohio Wesleyan University)

Jane Abbott Rue, Cincinnati
B.A. (Miami University)

James Gregory Ryan, Painesville
B.A. (University of Dayton)

Deborah Ann Sabella, North Canton
B.A. (Mount Union College)

Mark Alan Salisbury, Beaver
B.S.

Kenneth C. Schilling, Parma Heights
B.S. (Miami University)

Robert Otto Schopis, Athens
B.A. (Ohio University)

Richard Kenneth Schwartz, Youngstown
B.A.

William Schwartz, Canton
B.B.A. (University of Michigan)

Anne Marie Sferra, Campbell
B.S. (Bowling Green State University)

David Todd Sheldower, Canton
B.A.

Richard Edward Shevitz, Indianapolis, IN
B.A. (Indiana University)

Douglas Lyn Shoemaker, Columbus
B.S.

George David Sifri, Cincinnati
B.A. (Case Western Reserve University)

Lisa Marie Sindel, Columbus
B.A. (Bowling Green State University)

R. Michael Smith, Cincinnati
B.A. (University of Cincinnati)

Susan Renee Squire, Defiance
B.S.

John Leis Staley, Dayton
B.S. (University of Virginia)

John Nicholas Stamatis, Lorain
B.A. (Case Western Reserve University)

Thomas Alan Stone, Gahanna
B.S.

Oscar M. Telfair III, Salem, NJ
B.A. (Howard University)

Raechel Layne Tigner, Columbus
B.A. (University of Michigan)

Matthew James Toddy, Chagrin Falls
B.A. (University of Notre Dame)

Thomas Jay Tompkins, Zanesville
B.A. (Ohio Northern University)

Rebecca Jane Tredway, Cincinnati
B.S. (Indiana University)

Edwin John Turanchik, Naples
B.S. (University of Cincinnati)
M.S. (University of Michigan)

Denise Ann Underwood, Warsaw
B.A. (Case Western Reserve University)

Webb Isaiah Vorys, Gahanna
B.A. (Dartmouth College)

Elizabeth Owen Waid, Warren
B.A. (Westminster College)

John Howard Walker, Washington Court House
B.A. (University of Cincinnati)

Diana Kathleen Wallace, Tampa, FL
B.A. (University of South Florida)

Jane Walsh, Youngstown
B.A. (Youngstown State University)

Eric Richard Wapnick, Beachwood
B.S. (Washington University)

Daniel Kendall Weiss, Masury
B.S. (Ohio Northern University)

David Alan Werman, Chardon
B.S. (Ohio Northern University)

James Scott Wertheim, Shaker Heights
B.A. (University of Michigan)

Terrence Todd Wheeler, Smithville
B.A.

Elizabeth Anne Ayres Whiteside, Bexley
B.A. (University of Wisconsin)

David Quint Wigginton, Gahanna
B.A.

Elizabeth Anne Wilson, Elgin
B.A. (Dillard University)

Thomas Michael Wood, Wellington
B.A.

Elizabeth DeFrancis Allen, Centerville
B.S. (University of Notre Dame)

Joseph Ferrara Amato, Wellsville
B.S. (Bethany College)

Judith Michelle Andreano, Bay Village
B.S. (University of Dayton)

Annette Dahl Andrews, Garrettsville
B.S. (Kent State University)

Greg Alan Arnette, Columbus
B.A.

Sylvia Awadalla, Kent
B.A. (McGil University)

Kathy Haering Bakenhaster, Columbus
B.S.

Roger Guy Bangs, Worthington
B.S.M.E.

Philip Dean Bates, Canal Winchester
B.S. (David Lipscomb College)

Gregory Allen Bell, Lima
B.A. (Miami University)

Geannette Magdaline Bennett, Dayton
B.S. (Wright State University)

Leanne McDonald Bertani, Columbus
A.D. (Central Ohio Technical College)

Joan Marie Bloom, Cleveland
B.S. (John Carroll University)

Charles Sherman Bluhm, Scottsdale, PA
B.S. (Pennsylvania State University)

Michael Leonard Blumenfeld, Columbus
B.S.

Annette Karen Boër, Columbus
B.A. (Duke University)

Anita Alice Bojtos, Brecksville
B.A. (Case Western Reserve University)

Kathryn Jean Bolton, Dayton
B.S. (University of Dayton)

Susan Jean Bona, Cleveland
B.S. (Ohio University)

Erick Bournigal, Westlake
B.A. (Case Western Reserve University)

Keith William Brantley, Struthers
A.B. (Youngstown State University)

M. Elizabeth Brickner, Cincinnati
B.S. (Xavier University)

Richard Louis Brickner, Tiffin
B.S. (Saint Joseph's College)

John Harold Brill, Tipp City
B.S. (Manchester College)

Christine Yurak Briner, Hudson
A.B. (Miami University)

William Watson Briner, Jr., Cincinnati
B.A. (Denison University)

Holly Jean Burge, Southington
B.A. (Youngstown State University)

Ronald Blane Casseberry, Dayton
B.A. (Case Western Reserve University)

College of Medicine

Dean: Manuel Tzagournis, M.D.

Doctor of Medicine

Jan Rudalgo Adams, Middletown
B.A. (Harvard University)

Annette Marie Chavez, Dayton
B.S. (University of Dayton)

David Chen, Akron
B.A. (Case Western Reserve University)

Mark Earl Christopher, Brook Park
B.A. (Case Western Reserve University)

Charles David Combs, Middletown
B.A. (Miami University)

Ralph Theodore Compton III, Worthington
B.S. (University of Michigan)

Robert Matthew Cook, Wickliffe
B.A. (Ohio Wesleyan University)

Jeffrey Cahill Cooke, Broadview Heights
B.S. (Denison University)

Toya Jean Corbitt, Portsmouth
B.A. (University of Cincinnati)

Rebecca Sue Cornelius, Cincinnati
B.G.S. (Xavier University)

Holly Riedel Cronau, New Washington
B.S.Pharm. (Ohio Northern University)

Andrew Richard DeMar, Jr., Cincinnati
B.A. (Carleton College)

Jess Joseph DeMaria, Oregon
B.A. (University of Toledo)

Michael Raymond DiBenedetto, Dayton
B.S. (Wright State University)

Kevin John DiNapoli, St. Clairsville
B.A., B.A. (Miami University)

Dean Roger Dobbert, Garfield Heights
B.S. (United States Naval Academy)

Lorna Ferguson Donovan, Hudson
B.A. (Miami University)

Kenneth Herbert Doolittle II, Grandview Heights
B.A. (Earlham College)

Daniel Marc Dorfman, University Heights
B.S. (Duke University)

David Michael Drees, Columbus
B.S.

Jeffrey Randall Dreyer, Fairborn
B.S. (Wright State University)

Perry Mitchell Eisner, Beachwood
B.S. (Boston University)

Janice Mallinak Estus, Solon
B.S. (Case Institute of Technology)

David Lewis Ettinger, Columbus
B.S.

Cynthia Beth Evans, Worthington
B.S. (Wheaton College)

Ronald James Fadell, Toledo
B.A. (The University of Toledo)

Charles Matthew Fahrig, Centerville
B.S. (University of Dayton)

Thomas William Ferkol, Mentor
B.A. (Case Western Reserve University)

Larry Alan Fish, Ph.D., Cambridge
B.S.
Ph.D. (University of Cincinnati)

David Neal Franz, Dayton
A.B. (Earlham College)

Miriam Laura Freimer, Toledo
B.A. (University of Pennsylvania)

David Wilson Gale, Sylvania
B.S. (Purdue University)

Robert Clayton Gambrell, Hamilton
B.A. (Miami University)

Eloise Carol Gard, Palmyra, MO
B.S. (Northeast Missouri State University)

Andrew James Gase, Tiffin
B.S. (Heidelberg College)

Angelo Nicholas Georges, Shadyside
B.S. (Youngstown State University)

Bradley Scott Getz, Mansfield
B.A. (Case Western Reserve University)

George James Gianakopoulos, Springfield
B.S.

James R. Gillespie, Bellefontaine
B.S.

Peter Howard Gorman, New Rochelle, NY
Sc.B. (Brown University)

Michaleen Annette Grecula, Mingo Junction
B.S. (Kent State University)

Linda Joy Greff, Cincinnati
B.S. (University of Michigan)

Stephen Richard Griffith, Miamiville
B.S. (University of Cincinnati)

Michael Phillip Gross, Lyndhurst
B.S. (University of Michigan)

Todd Gerard Guttman, Cleveland
B.S. (Cleveland State University)

Lloyd Michael Halpern, Columbus
B.A. (Miami University)

John Paul Hanyak, Bedford Heights
B.A. (Wittenberg University)

Matthew Glen Hardwick, South Amherst
B.A. (Walsh College)

Wayarne Acquanetta Harlan, Dayton
B.S. (Wright State University)

Diane Velva Harris, Medway
B.A. (Miami University)

Robert Anderson Hart, Columbus
B.A. (Taylor University)

John Stephen Heintz, Columbus
B.A.

Susan Kay Henry, Perrysburg
B.A. (Case Western Reserve University)

Rock Alan Heyman, Upper Sandusky
B.S.

John Len Hines, Ashville
B.S., O.D.
M.P.H. (University of North Carolina)

James Douglas Hoyer, Worthington
B.S.

Kathryn Bridinger Hoyer, Lima
B.A. (Wittenberg University)

Mark Henry Hoyer, Port Clinton
B.S. (University of Notre Dame)

David Donald Hubbell, Lima
B.S.

Dennis Lee Hufford, Dayton
B.S. (University of Dayton)

Nancy Jane Hummel, Worthington
B.S.Chem.E.

William Kent Ingham, Galion
B.A. (Hope College)

Patrick Joseph Janovick, New Castle, PA
B.S. (Youngstown State University)

Yongsik Johng, Stow
B.A. (College of Wooster)

Bruce Alan Kahn, Lyndhurst
B.S.
J.D. (Case Western Reserve University)

Laurence J. Karns, Cleveland
B.S. (University of Michigan)

Charles Walter Karpen, Richfield
B.S., B.S. (University of Akron)
Ph.D.

Karen Lynn Kaucic, Cleveland
B.S. (John Carroll University)

Mary Ann King, Niles
B.S. (Capital University)

Nancy Jean King, Sacramento, CA
B.S. (University of Nevada)

J. Kevin Kington, Columbus
B.S. (Xavier University)

Paul Christian Kirk, Olmsted Falls
B.S., B.A.

Shirlann Denise Knight, Dayton
B.S. (Wright State University)

Aaron Lewis Knall, Dayton
B.S.

Margaret Frieda Kobe, Cleveland
B.S. (John Carroll University)

Joseph Michael Koenig, Willowick
B.S. (John Carroll University)

Susan Marie Kramer, Fort Mitchell, KY
H.A.B. (Xavier University)

Cynthia Gail Kreger, Cincinnati
B.S. (Denison University)

Robert Jacob Kreitman, Dayton
B.S. (Kent State University)

Pia Maria Krepf, Wickliffe
B.S. (Case Western Reserve University)

Joe Kross, Parlet
B.A. (Harvard University)

Michael Anthony Kuharik, Fairview Park
B.S.

Joseph Robert Lach, Avon
B.S.

Eve Marie Lackritz, Cincinnati
B.A. (University of Cincinnati)

Leah Carol Lasson, Greer, SC
B.S. (Bob Jones University)

Yasyn Lee, Columbus
B.A.

David Michael Lehmann, Highland Heights
B.A. (Yale University)

Bradley Glenn Leissa, Worthington
B.A. (Miami University)

Michael John Lemon, Toledo
B.A., B.A. (Saint Louis University)

Steven Earl Leonard, Westerville
B.A. (Otterbein College)

Andrew George Libertin, Youngstown
B.S. (Youngstown State University)

Stephen James Liederbach, North Olmsted
B.S. (University of Akron)

Carole Louise Long, Besley
B.A. (Wittenberg University)

James Brian MacDougall, Poland
B.S. (Youngstown State University)

David James Magee, Cleveland Heights
B.S. (Case Western Reserve University)

John Philip Marchin, Warren
B.A. (Hiram College)

David Brian McClure, Parma Heights
B.S. (Ohio Wesleyan University)

Leslie S. McCoy, Cincinnati
B.S. (Denison University)

Wendy Jo McCurdy, Cuyahoga Falls
B.S.

Neil Gordon McMahon, Brillion, WI
B.S., M.S. (University of Wisconsin)

Lisa Elaine Meek, Vicksery
B.S. (Kent State University)

Douglas Griffiths Meuser, Columbus
B.A. (Saint Olaf College)

Kenneth Charles Miller, Bellefontaine
B.A. (Goshen College)

Scott Michael Miller, Youngstown
B.S. (Youngstown State University)

Alan T. Mong, Covington
B.A., B.S. (Ohio Northern University)

Jeffrey Eugene Moore, Sandusky
B.S. (University of Notre Dame)

Linda Sue Moorhead, Pataskala
B.A. (Miami University)

Arnold Hans Morscher, Fairview Park
B.S. (Case Western Reserve University)

James Arthur Mosley, Circleville
B.A. (Mount Vernon Nazarene College)

Eliot Nathan Mostow, Akron
B.S. (University of Michigan)

James Kevin Mulderig, Poland
B.S.

Karen Ruth Myers, Mentor
B.A. (Georgetown University)

Robert W. Nelson, Logan
B.S. (Milligan College)

Mark William Niemer, Middletown
S.B. (Massachusetts Institute of Technology)

Julie Jan Niezgodza, Massillon
B.S.

Michael Anthony O'Connell, Westerville
B.S.

Sue Wedemeyer O'Doriso, Atlantic, IA
B.S. (Creighton University)
Ph.D. (University of Nebraska Medical Center)

Brian Thomas Parquette, Toledo
B.S. (University of Toledo)

Carey Thomas Petto, Mentor
B.A. (College of Wooster)

Robert Stephan Perhala, Cleveland
B.S. (Heidelberg College)

David Joel Pinsky, Toledo
B.S. (University of Toledo)

Mark Alan Pinsky, Dania, FL
B.S. (University of Florida)

Leonard Benjamin Pollack, Toledo
B.A. (University of Cincinnati)

Marc John Popovich, Youngstown
B.S. (Bowling Green State University)

Anthony Jay Raimonde, Defiance
B.S.

Michael Alan Raiston, Springboro
B.A. (Miami University)

Y. Mohan Kumar Rao, Woodville
B.S. (Bowling Green State University)

Timothy Brian Rasor, Tipp City
B.S.Cer.E.

Franco Ralph Rea, Steubenville
B.S. (Gannon University)

Harold Paul Reed, Fairborn
B.S. (Wright State University)

Alan Jay Rehmar, Columbus
B.S. (Williams College)

William L. Remington, Jr., Ashland
B.S.

Denise Marie Ricker, Dayton
B.S. (University of Dayton)

Richard Howard Rinehart, McComb
B.A.

Pamela Jane Robinson, Reynoldsburg
B.S.

Teresa Jo Ronci-Koenig, Campbell
B.S. (Youngstown State University)

Edward Steven Rosenthal, Mayfield Village
B.S.

Mark Tague Rubertus, Dayton
B.S. (Xavier University)

Thomas Anthony Ruffolo, Kettering
B.S. (University of Dayton)

Thomas Edward Runyan, South Vienna
B.S. (Wittenberg University)

Roy Carl St. John, Geneva
B.A. (Case Western Reserve University)

Mark E. Sale, Columbus
B.S.

Eberhard Roy Samlowski, Columbus
B.S.

David Jacob Scheiderer, Youngstown
B.A. (Kent State University)

Andrew Schneider, Cincinnati
B.S. (University of Michigan)

Beverly Jean Scholler, Sylvania
B.S. (University of Michigan)

Mark Smith Schroeder, Akron
B.S. (Duke University)

Joseph Kent Seal, Madeira
B.S.Ch.E. (University of Cincinnati)

Jeffrey Brian Shaw, Xenia
B.S. (Wright State University)

Phillip Joseph Shubert, New Buffalo, MI
B.A. (University of Notre Dame)

Richard Jay Simon, University Heights
B.S.

Kenneth Jerome Skahan, Cincinnati
B.S. (University of Notre Dame)

Timothy Kent Smith, Columbus
B.S.E.E.

Harley Wakeman Smoot, South Point
B.A.

Nicholas David Snow, Cleveland Heights
B.S. (Yale University)

Michael James Snyder, Columbus
B.A. (Capital University)

Lawrence Dean Sobel, Akron
B.S. (University of Akron)

Bruce Martin Stermann, Cincinnati
A.B., A.B. (Miami University)

Leslie Ann Stewart, Pepper Pike
B.S. (Case Western Reserve University)

Jeffrey Howard Stockfish, Beachwood
B.S.

Peter Daly Sullivan, Lakewood
B.S. (Wheeling College)

Patrick Jerome Sweeney, Mansfield
B.S. (John Carroll University)

Elizabeth Joan Syzek, Centerville
B.S. (University of Dayton)

Edward Theodore Szabo, Cleveland Heights
B.S., M.S. (Cleveland State University)

Robert Moroz Taylor, Columbus
A.B. (Harvard University)

Donald Robert Teater, Columbus
B.A. (Miami University)

Dogan H. Temizer, Columbus
B.S.

David Bruce Thomas, Edon
B.S. (University of Toledo)

Robert MacDonald Thomas, Utica
B.S. (Clemson University)

Randall Marden Todd, Whitehall
B.A. (Miami University)

Meridith Treen, Columbus
B.S. (Heidelberg College)

Glen Edward Vaughn, Beavercreek
B.S.

Linda Elaine Weber, Novely
B.A., M.A. (Case Western Reserve University)

Nicolae Weisz, Cleveland
B.A. (Case Western Reserve University)

David Clement Whitcomb, Winona Lake, IN
B.S. (Manchester College)

Michael Steven Wukelic, Columbus
B.S.

Ann Marie Wurst, Kettering
B.S. (University of Dayton)

David Owen Yablak, Columbus

Amy Rice Young, Warren
B.S. (Grove City College)

Therese Marie Zink, Dayton
B.A. (Marquette University)

David Alexander Zvara, Toledo
B.S.

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Claire Christine Adkins, North Canton

Teresa Christine Altman, Delphos

Janet Kay Amend, Cincinnati

Robert Stuart Anderson, Toronto

Joan Elaine Argenta, Worthington

Lynn Augesen, Coshocton

Tracy Lynn Ayres, Hillsboro

Carla Jayne Azallion, St. Clairsville

Helene Carol Azose, Columbus

Gay A. Banta, Cincinnati

Kristen Schritz Bateman, Coldwater

Suzanne Elaine Beason, Kettering

Joan Marie Beck, Bethel Park, PA

Janine Leigh Beckman, Celina

Julia Lynn Beckman, Celina

Sarah Ruth Bedel-Geese, Dublin

Annenarie Beery, Holland, MI

Becky Ann Betcher, Newark

Elizabeth Ransom Bender, Westerville

Elnor Lynn Bermel, Pickerington

Beth Ann Blandford, Louisville

Catherine Jane Blausner, Tipp City

Tina Orvett Boles, Hamilton

Margaret Ruth Bolte, Vandalia

Amy Sue Boos, Huron

Sue Ann Breig, Huber Heights

Cynthia June Briggs, Sharon Center

Carol Sue Brown, Defiance

Laura Ellen Brunfield, Springboro

Lon Ann Burge, Cincinnati

Mary Beth Burgundy, Pittsburgh, PA

Jeanette Marie Burkhardt, Sunnyvale, CA

Camala Jo Byers, Woodsfield

Christopher Stockton Campbell, Leesburg

Massimo Canestraro, Willowick

Laura Leigh Carr, Upper Arlington

Nancy Marie Cervenak, Lakewood

MaryBeth Changer, Canton

Manon Côté, Quebec City, Canada

Karen Lynn Covault, Allison Park, PA

Nadine Elizabeth Cox, Geneva

John Philip Danker, Cincinnati

Laurie Ann Davis, Bellefontaine

Stephen Bernard Deuker, Empire

Enwood Russell Dillon, Jr., London

Jennifer Lynn DiSalvo, Bethel Park, PA

Jeffrey Driver, Cleveland

Laura Kristine Ekerbrock, Ottawa

Lisa Ann Eubanks, Olmsted Falls

Sherry Lynn Evans, Randolph, NJ

Peter David Feldkamp, Amherst

Carol Ann Fisher, Coldwater

David Sean Fitch, Salem

Gwendolyn Fluellen, Toledo

Elizabeth Laux Folkertsh, Upper Arlington

Stacia Lynn Franta, Lexington

Kimberly Jane Gettman, Sandusky

Paul Allen Giacobbe, Lorain

Cheryl Ann Goettmeoeller, Versailles

Marci Lynn Goldberg, Cincinnati

Daniel Patrick Gross, Norwalk

Bart Alan Haas, Brunswick

Lawrence Joseph Haas, Ironton

James Allen Hall, Gahanna

Heather Irene Hamilton, Westlake

Joan Elizabeth Harding, Mansfield

Keith Raymond Harrington, Plymouth, MA

Kathryn Jo Harch, Findlay

Nancy Ann Hauck, Toledo

Deborah Ann Hawke, Kipton

Kira Marie Hazen, Athens

Traci Anne Hirschfeld, Wapakoneta

Sandra Jane Hockenberry, West Jefferson

Durenda Maria Holt, Sycamore

Richard Gerard Horvath, Struthers

John Eldon Houchard III, Plain City

Elaine Sandra Howett, Worthington

Beverly Carol Hunter, Sheffield Lake

Lisa Marie Ims, Forest Park

Donna Lee Janish, Cowlesville

Christine Annette Johnson, Worthington

Julia Kay Jordan, Marion

Robert Frederick Jubak, Hubbard

Susanne Karussi, Pepper Pike

Timothy John Kazimer, Newton Falls

Lynn Marie Kinder, Springfield

Shaun R. Kirk, Norwalk

Jane Elizabeth Kirsch, Hamilton

Erica Helene Kish, State College, PA

Catharine B. Klunk, Columbus

Heidi Elizabeth Knellinger, Martins Ferry

Mary Ellen Koenig, South Euclid

Kathleen Mary Kroyer, Columbus

Luanm Elizabeth Kryling, McComb

Laura Lee Landreth, Cuyahoga Falls

Anita Lane, Youngstown

Kelly Kristen Lewandowski, Lorain

Christine Lynn Lewis, Toronto

John Christopher Lintz, Cincinnati

Marsha J. Long, Carrollton

Richard Ford Loomis, Elyria

Niki Jeffenes Lowell, Findlay

Paula Jean Lugibini, Pandora

Cynthia Ann Lyon, Marengo

Beth Ellen Makhus, North Olmsted

David Marcus Mattem, Cadiz

Melinda Lee Matuch, Johnsville

Sharon Cook Maupin, Cincinnati

Gregg Michael Maxin, Cleveland

Cynthia Sue McCoy, Chillicothe

Joyce Ann McGraw, Rocky River

Cynthia Ann McLaughlin, Highland Heights

Nancy Lynne McSaulley, Waterville

Jeffrey L. Miller, Youngstown

Renee Louise Miller, Chardon

Robbin Sue Miller, Lancaster

Karen Lynne Mills, Columbus

Julia Lynn Mitchell, Columbus

David Allen Moehle, Avon Lake

Robert Allen Molyett, Tiffin

Teresa Ann Montgomery, Granville

Pamela Gail Morris, Proctorville

Diane Elizabeth Mosher, Grove City

Amy Lee Mosholder, Mt. Vernon

Vickey Lee Muehlenpoh, Cincinnati

Kathy Lynn Murray, Columbus

Amy Elizabeth Musko, Marion

Caley Renee Norton, McArthur

Brenda Jo Oakman, Howland

Mary Patricia O'Callaghan, Fairview Park

Jody Anne Ochab, Billerica, MA

Terri Louise Olf, Beachwood

Betsy Angela Osmon, Urbana

Leigh Ann Overmyer, Lindsey

Laurie Anne Parenteau, Chicopee, MA

Thomas Mark Parkhurst, Kettering

Mark Anthony Parsons, Hebron

Vicki Rose Patterson, Granville

Nadia Tamara Pawluszyn, Seven Hills

Stacy Ann Peary, Akron

Cheryl Lynne Peoples, Loudonville

Julie Marie Pfaff, Kettering

Kellie Ann Phillips, Twinsburg

Brenda Lee Plummer, Celina

Cynthia Joan Poesselman, Osgood

Barbara Ann Pozderac, Carrollton

Elaine Ann Prochack, Campbell

Paula Michelle Prokorym, Steubenville

Robert Joseph Ragusa, Wintersville

Jennifer Lynn Ritzler, Poland

Rebecca Jane Robinson, Marietta

Nancy Jane Robinett, Medina

Linda Ann Roediger, Hilliard

David Andrew Rogers, Northfield

Joann Marie Schlaman, Celina

Margaret Joan Schlueter, Cincinnati

Jacqueline Renee Scott, Grove City

Amy Elizabeth Sharp, Springboro

Melissa Ruth Sigler, Chillicothe

Stacy Elizabeth Smith, Hilliard
 Christopher Spring, Richmond
 Meinda Sue Sterrett, New Carlisle
 Stephanie Ann Sugar, Columbus
 John Edward Sunderland, North Canton
 Carol Louise Sutherland, Upper Arlington
 Scott Edward Teagarden, Brunswick
 Shawn Ronald Thomas, Mt. Gilead
 Sarah Lynne Tilton, Columbus
 Tracy Lynn Toepfert, Cincinnati
 Danny Tomich, McDonald
 Susan Marie Trotter, Cincinnati
 Linda Susan Trumbore, Columbus
 Susan Jean Tucker, Springboro
 Sonya Lyn Valides, Youngstown
 Rose Ann Vanderpohi, Harrison
 Suzanne Marie Viack, Williamsfield
 Renée Elen Vogeler, St. Bernard
 Meinda Ann Wade, Canton
 Louis Richard Weiss, University Heights
 Kristine Elaine Welch, Manchester
 Deborah Lynn Widder, Cincinnati
 Carla Regina Williams, Warrensville Heights
 Colette Renée Williams, Toledo
 Kim Marie Williams, Mansfield
 Amy Christine Wilson, Laureville
 Cindi Lou Wilson, Zanesville
 Dawn Elise Woddy, Houston, TX
 Jodi Lee Yuenger, Westchester, IL
 Barbara Jean Zieleski, North Canton
 Robert Richard Zimmerman, Jr., Barberton
 Debra Lynn Zwaga, Kenosha, WI

Certificate of Post Baccalaureate Medical Technologist

Paul Wesley Buehl, Berea
 B.S. (Purdue University)
 Jill Ann Leonhart, Marietta
 B.S. (Ohio University)

Certificate of Study in Physical Therapy

Michele Renée Myers, Rockbridge
 B.S. (Ohio University)

College of Nursing

Acting Dean: Grayce M. Silt

Bachelor of Science in Nursing

Kimberlie Ann Affeldt, Cleveland
 Laurie Ann Alexander, Cleveland
 Bessie Bethene Allen, Westerville
 Cynthia Marie All, Warren
 Philip George Ambruster, Bucyrus
 Jean Frances Auino, Akron
 Lisa Lillian Bailey, Cincinnati
 Kelly Ann Baird, Parma
 Bonnie J. Bean, Windsor
 Susan Michele Becjicy, Richmond
 Toni Sue Belcik, Oregon
 Christina Lynn Bisca, Columbus

Lynn Bordenkircher Blanchard, Coshocton
 Vickie Sue Boerger, Columbus
 Dana Jo Boseker, Dublin
 Penny Neleen Bradbury, Westerville
 Eileen Patricia Breen, Cincinnati
 Anita Louise Brown, Athens
 Karen Margaret Buride, Bedford
 Bonnie Sue Burrier, North Canton
 Shirley Lynn Burton, Columbus
 Bethanie Ruth Busch, Bellbrook
 Crystal Cecilia Busher, Somerset
 Frances Maria Capoccia, Worthington
 Larry Howard Chrysler, Columbus
 Patricia Ann Clark, Salem
 Jill Ann Cox, Holland
 Jane Elizabeth Dalton, Toledo
 Judith Elizabeth Damico, Chillicothe
 Venita Denise Dampier, Massillon
 Brenda Kay Dapoz, New Philadelphia
 Irabedella M. Davis, Columbus
 Diane Marie DeLorenzo, Cincinnati
 Karen Ann DeVore, Newark
 Claire Marie Dirkes, Centerville
 Amy Louise Donaldson, Fort Jennings
 Deborah Denise Donaldson, Cleveland
 Carolyn Rene Dye, Beaver Creek
 Jane Anne Eberhart, Circleville
 Cynthia Grace Edwards, Columbus
 Julie Ann Ellis, Steubenville
 Angela Marie Enciso, Mechanicsburg
 Joey Lynne Ferrar, Worthington
 Tammy Ann Finau, Lakewood
 Julie Marie Flick, Lima
 Janice Leigh Fonow, Mingo Junction
 Saly Ann Ford, Beaver Falls, PA
 Martha Jane French, Columbus
 Laurie Suzanne Gair, Mentor
 Maria Elizabeth Gasbarre, Wooster
 Mary Beth Gates, Baltimore
 Elizabeth Ann Gedeon, Rocky River
 Penelope Ann Gedeon, Rocky River
 Joy Susan Geeding, Eaton
 Catherine Welch Gerzina, Piqua
 Larry Keith Gilbert, Jr., Belaire
 Connie Marie Glander, Solon
 Beth Deanne Glantz, South Euclid
 Debra Lynn Gorrell, Paris
 Sharon Franklin Graber, Toledo
 Lori Ann Green, Martins Ferry
 Elen Sturges Griffiths, Columbus
 Reta Kathleen Gulick, Circleville
 Jean Anne Gurkils, Columbus
 Mary Elen Halstead, Columbus
 Sara Jane Handford, Columbus
 Mary Elizabeth Hanson, Columbus
 Barbara Joan Hansen, Willard
 Lisa Marie Heck, Berea
 Ruth Ellen Heiemann, Canton
 Joann Lee Henning, Hamilton
 Andrea Gates Henninger, Puxsawtawney, PA
 Colleen Elizabeth Herzog, Columbus
 Brenda Kay Hixon-Biddle, Urbana
 Christina Maria Hochreiter, Columbus
 Maryjo Holomuzki, Lorain
 LaVonda Rae Hoover, Imlay City, MI
 Kimberly Ann Hudson, Dayton
 Kyong Sook Hwang Jang, Columbus
 Denise Jo Jerwers, Lima
 Charles Michael Johnson, Columbus

Pamela Beth Joy, Rocky River
 Julie Ann Kage, Willard
 Connie Sue Kellogg, Orwell
 Traci Lee Kerek, Lyndhurst
 Jeffrey David Knoll, Columbus
 Janette Marie Schneider Knox, Columbus
 Jill Hayley Koch, Akron
 Kathleen Ann Kolbe, Columbus
 Marianne Kovach, Shadyside
 Julie Marie Kuhlman, Ottawa
 Linda Marie Kutura, Youngstown
 Julie Ann Lack, Norton
 Susan Mariah Lamp, Columbus
 Tracy Ann Loreth, Warren
 Andrea Lynn Loya, Parma
 John Joseph Lukens, Cincinnati
 Linda Marie MacMillan, Columbus
 Michele Ann Magold, Parma
 Dawn Lynnette Markley, Dayton
 Laura Ann Martin, Columbus
 Laura Ann Martin, Middleburg Heights
 Cheryl Ann Marty, Kettering
 Joyce Lynn Massiello, Richmond Heights
 Gerylann Masterson, Columbus
 Lori Ann Matheny, Chesterhill
 Dayna Marlene Matthews, Cincinnati
 Stephen James Mazer, Maple Heights
 Susan Carol McCracken, Ashland
 Robin Alane McFarland, Lebanon
 Patricia Ann McHugh, Mayfield Heights
 Lynne Dorothy Meadema, Westlake
 Lisa Maryanne Mick, Centerville
 Jon Mickle, Columbus
 Susan Jane Miller, Wilmington
 Susan Leslie Mills, Port Clinton
 Roberta Lee Mitch, Grandview Heights
 Jeffrey Stewart Mitoff, Amherst
 Brenda Kay Mock, Frazeyburg
 Lisa Marie Moles, Talmadge
 Deborah Ann Monaco, Columbus
 Michael Edward Montgomery, Toronto
 Stacy Ann Morgan, Waterville
 Maria J. Morris, Dayton
 Barbara Marcia Morse, Marietta
 Kathy Jean Myers, Columbus
 Marcia Jean Noe, Toledo
 Joseph Patrick Omior, Sandusky
 Karen Marie Ouellette, Columbus
 Almira Parpana Papa, Toledo
 Teresa Anne Payne, Ironton
 Debra Sue Pennock, Kent
 Ann Marie Phillips, Sycamore
 Jean Hanna Phillips, Elyria
 Sara Ann Pitman, Dayton
 Catherine Marie Popovich, Poland
 Kathy Jo Pospichel, Columbus
 Janet Louise Poyar, Harts Grove
 Laura Ann Pratt, Columbus
 Carol Jane Price, Venedocia
 Saly Jo Reed, Deshler
 Dorcas Anne Richardson, Troy
 Coreen Heather Richter, Medicine Hat,
 Alberta, Canada
 Kathleen Ann Roman, Uniontown
 Ruth Ellen Rose, Youngstown
 Susan Jane Rowland, Columbus
 Barbara Lynn Sabatino, Dublin
 Cassandra Sainopoulos, Lebanon
 Lynn Marie Sand, Canton

Nancy Lynn Schmidt, Fremont
 Theresa Ann Schroeder, Worthington
 Jane Elizabeth Schumacher, Woodsfield
 Julie Lynn Seitz, Mentor
 Donna Michele Sharkey, Columbus
 Gayle Lynne Smith, Mt. Blanchard
 Lea Ann Smith, Columbus
 Sandra Lee Smith, Columbus
 Katharine Ann Solacoff, Upper Sandusky
 Patricia Lynn Southerland, Mantua
 Mary Rahe Stange, Cincinnati
 Amy Jo Stauffer, Arlington
 Martha Hays Steiner, Grove City
 Anita Marie Swarts, Piqua
 Renee Beth Tommasini, Parma
 Sheri Lee Toney, Lebanon
 Tammy Elizabeth Torocsik, Sheffield Lake
 Christine Verdone, Broadview Heights
 Duane Matthew Violet, Delphos
 Candyce Lynn Walchesky, Butler, PA
 Pamela Grace Waldock, Attica
 Ann Michelle Wallenfels, Columbus
 Nancy Manning Warren, Columbus
 Sharyn Marie Weiskittel, Columbia Station
 Kimberly Dawn Wharton-Roekner, Belpre
 Melinda Wheat, Munroe Falls
 Tamela Jane White, South Point
 Sandra Lee Wiedlund, Dayton
 Heidi Irene Williams, Grandview Heights
 Susan Marie Wisne, Thousand Oaks, CA
 Alice Kay Withers, Petersburg
 Peggy North Wood, Circleville
 Heather Courtney Woods, Chillicothe
 Lisa Marie Wooten, Columbus
 Aunda Marie Wunder, Columbus
 Joseph A. Yednock, Columbus
 Veronica Lynn Zawada, Springfield
 Patricia Ann Zebrowski, Parma

College of Optometry

Dean: Frederick W. Hebbard

Doctor of Optometry

Mary Ellen Ague, Girard
 Timothy Allen Andrews, Garrettsville
 B.S. (Kent State University)
 Richard Joseph Ameson, Seward, NE
 Theresa K. Beals, New Carlisle
 James Edwin Behrens, Lockport, IL
 Kenneth David Boitz, Bridgeport
 Jeffrey J. Borodkin, Akron
 Mark Allen Ceneviva, Wellsville
 Craig F. Clatanoff, Seward, NE
 Terance A. Cochrane, Ceina
 Jeffrey David Dailey, Columbus
 Steven Allen DeGroot, Bryan
 B.S. (Bowling Green State University)
 Rosemary Barnes Dickerhoof, Canton

Jean M. DiVito, Youngstown
 Nancy Ann Dob, DuBois, NE
 B.S. (University of Nebraska, Lincoln)
 Charles Joseph Dorland, North Mankato, MN
 Vincent Lee Driggs, Cambridge
 B.A. (Miami University)
 Paul Joseph Endry, Reynoldsburg
 Darrell Eugene Groman, Bluffton
 B.S.
 Rex Karl Gross, Columbus
 B.S. (Presbyterian College)
 Scott T. Hagen, Redwood Falls, MN
 Edmond Roger Hakim, Fairlawn
 B.A. (University of Akron)
 Charles Edwin Heacock, Cuyahoga Falls

Ronald Alan Hirn, Delphos
 B.S.
 Gordon S. Johnson, Dayton
 B.S.
 Yvonne M. Johnson, Columbus
 B.S.
 Michael Joseph Kacere, Jr., Gordon, NE
 J. Mark Kaufman, Millersburg
 Michael Brian Kayser, Columbus
 Jeffrey Lee Kegarise, Columbus
 James Stewart Keller, Winona, MN
 B.S. (University of Minnesota)
 Timothy Patrick Kenkel, Cincinnati
 Ann Robin Kurzer, Dayton
 Diane K. LaHue, North Canton
 B.S.

Rebecca Kay Madden, Irwin
 B.S.
 Richard Burton Marsh, Columbus
 B.S.
 Diane Sue Polcyn Meek, Gallipolis
 Steven J. Mescher, Columbus
 B.S. (University of Dayton)
 Theresa Mary Nemeth, Mansfield
 Neil Charles Perko, Cuyahoga Falls
 John Nicholas Pokas, Martins Ferry
 John E. Pratt, Jackson
 B.S. (Ohio University)
 Julie Lynn Preston, Columbus
 William B. Rainey, Columbus
 B.S. (University of Dayton)
 Daniel Joseph Rozzo, Hubbard
 Lori Yvonne Lydia Scheel, West Fargo, ND
 B.S. (University of Wyoming)

David Herman Scherrek, Dayton
 James Michael Schwab, Beavercreek
 Paul Angelo Speros, Bellbrook

Michael E. Spino, Columbus
 B.S. (University of Notre Dame)
 M. Timothy Staarmann, Hamilton
 Brian L. Starr, Columbus
 B.S.
 David B. Stebetton, Poland
 David John Sterna, Amherst
 B.A. (College of Wooster)
 Barbara Lee Teague, Columbus
 B.S. (Bowling Green State University)
 Daniel C. Valentine, Painesville
 Timothy M. Van Kirk, Arcanum
 B.A. (University of Hawaii)
 James M. Wood, New Concord

College of Pharmacy

Dean: Albert H. Soloway

Bachelor of Science in Pharmacy

Richard Thomas Amoto, Columbia
 Joseph Valentine Bachman, Sardinia
 Timothy A. Bailey, Warren
 Michele A. Balint, Ashtabula
 Marcia L. Baran, Mentor
 Linda Bartholomew, Vermilion
 Kathy Batcha, Warren
 Dale A. Bertke, New Bremen
 Melody S. Carpenter, Powhatan Point
 Laura S. Choi, Reynoldsburg
 Frank D. Ciarnieko, Youngstown
 Michael A. Clotz, Lorain
 Carla Elizabeth Core, Shadyside
 Jeffrey S. Dannemiller, Seville
 Andrea L. Darby, Kettering
 Marie E. Ellis, Columbus
 Thomas W. Englehart, Cincinnati
 Gregory G. Fiely, Centerville
 Jan M. Fisher, Columbus
 Mark A. Friedman, Barberton
 Laurie A. Fromm, Poland
 Patricia L. Gordon, Williamsburg
 Jacklyn S. Gresser, Columbus
 Gary P. Gross, Norwalk
 Paul J. Harton, Jr., Washington, PA
 Donald R. Henry, Bellefontaine
 Marlene F. Hoffman, Columbus
 Virginia L. Hoffman, Columbus
 Paul S. Hoffmann, Bellaire
 Lena Ilievskia, Massillon
 Maureen A. Jarrell, Pickerington
 Janice M. Javor, Lorain
 Julie A. Johnson, Delaware
 Steven P. Jolliffe, Circleville
 Christopher T. Key, Lewisville
 Michael A. Kondik, Mentor
 Deanna L. Kroetz, Findlay
 Linda L. Lanning, Waterford
 Scott A. Lawler, Frazesburg
 Kee Lim, Petaling Jaya, Malaysia
 Carl J. Lorubio, Struthers
 Gregory A. Lowery, Columbus

Robert John Maresh, Independence
 Tamara L. McAninch, Cincinnati
 Patricia L. Miles, Garfield Heights
 Terrence N. Otani, Canton
 Paula J. Parker, Toronto
 Katherine R. Petersen, Lancaster
 Mary Ann Radachi, Elyria
 Tracy Richards, Wadsworth
 Therese M. Rings, Columbus
 James E. Romito, Bedford
 Brian J. Sabol, Struthers
 Thomas D. Schmittgen, Lorain
 Christine L. Schott, Bolivar
 Thomas A. Scott, Portsmouth
 Jeannette S. Steer, Beloit
 Alice K. Strayer, Fayette
 Lisa A. Vasilou, Hartville
 Cathy Vogel, Clyde
 Mark E. Walters, Euclid
 Johanna M. Washeim, Seven Hills
 Kerry A. Welch, Akron
 Amy J. Wells, Springboro
 Doris A. Wolf, Westerville
 Rodney K. Wollensiegel, Belevue
 Theresa M. Wright, Cincinnati

College of Social Work

Dean: Richard E. Boettcher

Bachelor of Science in Social Welfare

Patricia Adele Ahee, Toledo
 Beverly Ann Ator, Columbus
 Melissa Fairall Bailey, Pataskala
 Lisa Gay Baxter, Mt. Gilead
 Chery Jo Bennett, Edison
 Karen Louise Bennisson, Fremont
 Patricia Ann Bowser, Hubbard
 Jon Tracy Broadus, Columbus
 Kathy Sue Bruner, Shadyside
 Lou Ann Burkhammer, Coolville
 Beverly Ann Calicoat, North Canton
 Krista Joy Crall, Fredericktown
 Jo Benton Crenshaw, Hampton, GA
 Judith Dawn Cumming, Sandusky
 Lucretia Kaye Cuppy, Columbus
 Beth A. Daup, Shelby
 Denise Marie DeMarco, Mentor-on-the-Lake
 Teresa Ann Devitt, Ottoville
 Lori Susan Dodge, Mt. Sterling
 Cheryl Ann Eble, Youngstown
 Mitchell Keith Eckstein, Fairlawn
 Michelle Alease Ewing, North Jackson
 Carol Rosenacker Fowler, Cincinnati
 Luke Farrell Frazier, Boston, MA
 Jane M. Freeman, Columbus
 Ellen Joyce Gibson, Columbus
 Terry L. Graf, Dayton
 Gertrude K. Graham, West Lafayette
 Stacie Beth Greene, Solon
 James Edward Greggo, Toronto
 Pamela Sue Grieme, Cincinnati
 Kathryn Ann Hall, Cincinnati
 Jacqueline Ann Halla, Columbus
 Denise Ann Haviland, Medina
 Elizabeth Ann Horner, Rocky River

Patricia Lee Hostelt, Columbus
 Heidi Ann Hughes, Warren
 James Edward Jewell, Springfield
 Jean Michelle Kegler, Columbus
 Renee Lynn Kirian, Fostoria
 Deborah Lynn Kistner, Columbus
 Mary Beth Koren, Youngstown
 Laura Ann Lambert, Ashland
 Richard John Leary, Mt. Gilead
 Traci Linnette Lewis, Columbus
 Denise Renee Lord, Grove City
 William Dale Lykins, Columbus
 Carolyn Jean Mattson, Antioch, IL
 Donald George McDole, Columbus
 Susan Marie Metzger, Shelby
 Kimberly Ann Minor, Mechanicsville, VA
 Angel Enrique Morales, Lares, PR
 Timothy John Murphy, Salem
 Francis Arthur Niver, Elmira, NY
 Maureen Louise Petersen, Gallion
 Marjorie Lynn Pfaltzgraf, Hilliard
 Elizabeth A. Raines, Akron
 Leigh A. Robinson, Mansfield
 Krista Kaye Ruh, Columbus
 Richard Joseph Saup, Columbus
 Amy Lynne Schneider, Cincinnati
 Reginald Everett Showers, Chicago, IL
 Wendolyn Leigh Sipe, Lorain
 Marilyn Anne Smith, Olmsted Falls
 Rebecca Lynn Spies, Dover
 Lisa Marie Stokes, Galloway
 Jane M. Straits, Millersburg
 Christopher Joseph Thomas, Bowling Green
 Heather Anne Thorp, North Olmsted
 Melissa Mae Thrasher, Hilliard
 Bonnie Jean Trame, Toledo
 Jorge Trevino, Fostoria
 Brenna Sue Vannelle, Bellaire
 Theresa Jane Vincent, Cleveland
 Laurie Lynn Voelker, North Bend
 Martha Jane Walker, Worthington
 Pamela Sue Wasmuth, Kettering
 Sheri Lee Weiner, Alexandria
 Kerry Lyn Welty, Wadsworth
 Kathleen I. Winkler, Wooster
 Julie Ann Young, Pataskala
 Beth D. Zimelman, Cincinnati

College of Veterinary Medicine

Dean: Ronald A. Wright

Doctor of Veterinary Medicine

Stephen Scott Ahokas, Wisner, NE
 Craig Anthony Altier, Girard
 B.A. (Hiram College)
 Lisa Beth Antinoph, Shelter Island, NY
 B.S. (The Pennsylvania State University)
 Donald P. Aupperlee, Prospect Park, NJ
 A.B. (Dordt College)
 Gregory C. Azzolin, Glen Cove, NY
 B.S., M.S.
 Paula Irene Bashe, Springfield
 B.S. (University of Dayton)

Leonard Ray Battig, West Salem
 B.S.

Robert Anthony Bergantino, University Heights

Maureen Ann Bickley, Huron
 B.S. (Findlay College)

Peter Rutherford Bixby, Madison, NJ
 B.S. (Colorado State University)

Robert Edward Boswell, Norton

Karin Lucie Boyd, Cherry Hills, NJ
 B.S. (Rutgers University)

Jane Evelyn Bradford, Wakeman

Patricia Ann Brooks, Brooklyn
 B.A. (Miami University)
 B.S. (Montana State University)

Cheryl Ann Burke-Schwarz, Catonsville, MD
 B.A. (University of Maryland-Baltimore County)

Melanie Rose Butera, Massillon
 B.S. (Otterbein College)

Salvatore Thomas Butera, Massillon
 B.S. (Otterbein College)
 M.S.

Sara Fox Chapman, Cleveland
 B.S.

Katherine Ann Christensen, Kent
 B.S. (Kent State University)

Joel Barry Comacoff, Columbus
 B.S., M.S., Ph.D.

David Wayne Cote, Plymouth, NH
 B.S. (University of New Hampshire)

Gail Ann Cothem, Toledo
 B.S., M.Sc. (Bowling Green State University)

Paul Roy Crouser, Painesville

Colleen Emily Currihan, Columbus
 B.A. (Saint Mary's College)

Valerie Joyce Daubenmier, Logan

Christine Jagemann Dixon, Manistowoc, WI
 B.S.N. (Northern Michigan University)

John Richard Dodam, Maple Heights

Christine Benedict Dresser, Medina
 B.S. (University of Akron)

Edwin Michael Dye, Wilmington
 B.S.

Bonnie Jean Egan, Lakewood
 B.S.

John Bradford Endres, Grove City
 B.S.

William Boyd Epperson, Gallion

Gina Marie Evans, Gallion

Michael Ray Evans, Stateline, NV
 B.S. (University of Nevada)

Sandra Ann Ferkol, Mentor
 B.S.

Carol L. Fuhrman, Columbus
 B.S.

Richard Sieg Funk, Columbus
B.S. (Northern Arizona University)
M.A. (Southern Illinois University)

Nicoletta Gambitta, Seven Hills
B.S. (Cleveland State University)

Catherine Louise Gerstner, St. Marys

Vincent Joseph Gibney, North Platte, NE
B.S. (Cornell University)
M.Sc. (University of Nebraska)

Brian Marshall Gibson, Cincinnati
B.S.

Darrell Lee Gitz, Eaton
B.S.

Alan Craig Givotovsky, Randallstown, MD

Steven Andrew Graber, Toledo
B.S.

John Williams Hamilton, Westfield, NJ
B.S.

Alan Spencer Hammer, Madison

Jack Alton Hammett, Akron

Nancy Lynn Hannaway, Cambridge
B.S. (Muskingum College)

Michelle Harcha, Portsmouth
B.S.

Daniel Earl Harpster, Harrod
B.S.
M.Sc. (University of Delaware)

Mark Edward Harris, Worthington
B.S.

Steven Scott Harry, Tiffin

Kristin Anne Harshan, Shaker Heights
B.S.

Walter Allen Hillebran, Omaha, NE

Jeffrey Donald Holter, Westlake
B.A. (Miami University)

Suzanne Caroline Hopkins, Adamstown, MD

Carla Ann Hubbard, Sistersville, WV
B.S. (West Virginia University)

Nancy Helen Hugenberg, Portsmouth
B.S. (Eastern Kentucky University)

Tamara Hunzicker, Lancaster
B.A. (Denison University)

Denise Ann Igoe, Vermilion
B.S.

Alan Frank Isquith, Las Vegas, NV
B.S. (University of Nevada)

Raymond Vance Jackson, Jr., West Union, WV

Susan Marie Jatesek, Garfield Heights
B.S.

Jonathan Richard Jeffery, North Stonington, CT

Jennifer Drusila Jellison, Canton
B.S.

Michael Raymond Johnson, Worthington
B.S. (Ohio University)

John Harvey Jones, Dublin

Ninon Kafka, Baltimore, MD
B.A. (Brandeis University)
M.Sc. (University of California-Berkeley)

Donald Arthur Kennard, Cleveland
B.S.

Tammy Louise Kersting, Warren
B.S. (Findlay College)

Heather Ann King, Aurora
B.S.

David Lee Kipp, South Charleston
B.S.

Linda Lee Kohl, Dayton
B.S.

Alexander Ernest Land, Medina
B.A. (College of Wooster)
M.A. (Miami University)

Paul Anthony Lang, Canal Winchester

Danny DuWayne Larson, Carson City, NV
B.S. (University of Nevada)

Kim Pinge Lee, Cleveland Heights
B.S.

Jean Kathryn Lightner, Mentor
B.S.

Richard Michael Linnehan, Pelham, NH
B.S. (University of New Hampshire)

April Dawn Linville, Blair, WV

Andrew Turner Maccabe, Columbus
B.S.

Debra Ann Mahlenkamp, Cincinnati

Milica Ann Mandic, Cleveland
B.S. (John Carroll University)

Philip Anderson March, Nashua, NH
B.A. (Amherst College)
M.Sc. (Texas A&M University)

Alyce Ann Marcotuli, Columbus
B.S. (Westminster College)
M.Appl.Stat.

Donna Marie Mather, Cincinnati
B.S.

David Milton McGuffin, Canfield

Michael Emanuel Metroka, Mt. Gilead
B.S.

Michelle Marie Michalak, Toledo
B.S.

James Dean Miller, Jr., Worthington

William Carl Minton, Jr., Tipp City
B.S.

Vincent John Morton, Brunswick

Scott Allen Myers, Cuyahoga Falls
B.S. (Kentucky Wesleyan College)

Mary Anne Nacey, Columbus
B.S. (Purdue University)
M.S.

Donald Lee Noah, Smithville
B.S.

Jeffrey Michael Oney, Milford
B.A. (Case Western Reserve University)

Jeffrey Alan Payne, Neopolis
B.Phil. (Miami University)

Lauretta Christine Payne, Wayne, NJ
B.S. (Cook College [Rutgers])

Benjamin L. Pearson, Jr., Columbus
B.S.

Faith Ann Perrin, Pomeroy
B.S. (Ohio University)

Alan William Peterson, Cuyahoga Falls
B.A. (Columbia University)

Dale Allen Pickens, St. Clairsville

David Dwight Pittkin, Columbus, IN
B.S. (Purdue University)
M.S.

Kelly J. Powell, Dayton
B.A. (Cornell University)

Jean Chandler Pritchard, Melbourne, KY
B.S. (University of Kentucky)

Rex Clinton Riggs, Wadsworth

Beecher Rogers, Jr., Miamisburg
B.S. (Miami University)

Deborah Ann Rostek, Zanesville
B.S. (Ohio University)

Michelle Claire Schraeder, Scotch Plains, NJ
B.S. (Cook College [Rutgers University])

James G. Schulz, Columbus
B.S.

Rafael F.M. Seneriz, Caguas, PR

Eric Minshall Shaver, Middlefield
B.S.

John Robert Shuler, Lexington

Richard Thomas Slenn, Fairview Park
B.S.

Joseph Peter Smejkal, Lowell
M.Sc. (Technical University of Prague,
Czechoslovakia)

Bonnie Jo Marie Smith, Columbus
B.S., M.S.

Michael Richard Sobaski, Potomac, MD
B.S. (Virginia Polytechnic Institute & State
University)

Randy Scott Stanton, Henderson, NV

Judith Ann Stotz, Blacklick
B.S.

Grant Edwin Stufft, Lansing
B.S.

Stephanie Margret Taylor, Akron
B.A. (Miami University)

Jeffrey Nathan Thompson, Malta
B.S.

Michael Joseph Thompson, Charleston, WV
B.S. (West Virginia University)

Teresa Ellen Trimble, Granville

William Douglas Urban, Medway
B.S.

Janice Diane Wagner, Independence
B.A. (Hiram College)
M.Sc. (University of Virginia)

Mary Ann Wagner, Bridgeport
B.S. (Fairmont State College)
B.S. (West Virginia University)

Bonnie Lynn Walker, Toledo
Richard Lawrence Wallace, Worthington
B.S.

Randall Jack Warner, Carson City, NV
B.S. (University of California-Davis)
M.Sc. (University of Nevada)

Thomas Wayne Watkins, Kyle, SD
James Thomas Westerfield, Cincinnati

Terry David White, Big Prairie
B.S.

Dennis Richard Wilson, Carson City, NV
B.S. (University of Nevada-Reno)

Patricia Ann Woodie, Dayton
B.S.

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 Agricultural Communications

Gail Sue Caplinger

With Distinction in Agricultural Economics

Timothy Lie Hutchinson
Todd Alan Mason

With Distinction in Agricultural Mechanization and Systems

Michael Lynn Benecke

With Distinction in Animal Science

Lisa Jane Taylor

With Distinction in Dairy Science

Dale William Arbaugh

With Distinction in Electrical Engineering

Jeanne Ann Mommaerts

With Distinction in Forest Resource Management

Scott Michael Downing

With Distinction in Genetics

David Spencer George

With Distinction in International Studies

Rosemary Fiscarelli

With Distinction in Mechanical Engineering

Thomas William Kerlake
Andrew Joseph Waters

With Distinction in Pharmacy

Theresa M. Wright

With Distinction in Photography and Cinema

Nora L. Monroe

With Distinction in Wildlife Management

Beatrix Elisabeth Treiterer

With Distinction in English and with Honors in the Liberal Arts

Steven Charles Karzmer
Linda Elaine Miller

With Distinction in International Studies and with Honors in the Liberal Arts

Cynthia Jean Cannon

With Distinction in Medieval and Renaissance Studies and with Honors in the Liberal Arts

James Mills Barbeau

With Distinction in Psychology and with Honors in the Liberal Arts

Christine Calkhan

With Honors in the Liberal Arts

John Arthur Bartok
Derek Tod Bell
Michael Marshall Briley, Jr.
Julia Marie Carr
Paul Ridge Culler

Benedict Edward DeDominicis
David Lyndon Elias
Christine Maria Gabele
Deanna Maria Golden-Kreutz
Ronald Philip Golovan
Paul K. Grunden
Paul William Kirk
Kimberly Sue Kriepkamp
Gregory Michael Mills
Susan Elizabeth Northrup
Carolyn Yao Phoa
Jillian Shapiro
Robert Mark Shoerfelt
Carmen Melinda Steele
Eugene Joseph Stele
Roger Scott Stenecker

Cum Laude

Maria Dolores Aguado
Daquiri Beth Ahart
Elizabeth DeFrancis Allen
John Henry Anderson
Judith Michelle Andreano
Perry Klaus Arnold
Lyn Augesen
Donald P. Aupperlee
Barbara Clare Baker
Thomas John Baron
Carol Lynn Batsch
Ronald Jakob Baumann
Suzanne Elaine Beason
Terry Gene Beatty
Marianne Louise Beever
Kian Behbakht
Cherry Jo Bennett
David John Benzling
Lisa Marie Berk
Lynn Christine Blanchard
Kenneth David Boltz
Anne Marie Boudinot
Denis J. Bowshier
Karin Lucie Boyd
Stephen Hayse Boyer
Justin Joseph Boyle
M. Elizabeth Brickner
Steven Andrew Brinker
Kevin D. Brown
Robin Brown
Crystal C. Busher
Lisa Marie Byczynski
Laura Leigh Carr
David Chen
Laura S. Choi
John Byron Christoforidis
Tonja Lee Compton
Lisa Kay Cook
Robert Matthew Cook
Jeffrey Cahill Cooke
Ann Catherine Coutrip
Paul Roy Crouser
Suzanne Cupp
Lucretia Kaye Cuppy
Jane E. Dalton
Dana Schmitter Danhoff
Barbara Marie Davitt
Andrew Richard DeMar, Jr.
Jacqueline Marie Denen

Teresa Ann Devitt
 Michael Raymond DiBenedetto
 Lisa L. Doench
 Michael Dokmanovich
 David Ira Dratler
 Scott Stephen Duko
 Stephan Donald Dunmead
 Diane M. Ehrbar
 John Bradford Endres
 William Boyd Epperson
 Kisa Ewing
 Andrew Earl Farrell
 Margaret Bushway Ferrell
 Diane Leona Finn
 Julie Catherine Flautt
 Bee Chyn Foo
 Benjamin Bryan Foster
 Luke Farrell Frazier
 Linda Frederick
 Martha Jane French
 Corinne Marie Friedl
 Vicki L. Frobose
 James Charles Frooman
 Carol L. Fuhman
 Shari Lynn Galster
 Grant Bennett Garverick
 Mark Andrew Gersman
 Eric Earl Gorka
 Patricia Marie Grady
 Tina Marie Grivois
 Eliene Marie Haise
 Alan Spencer Hammer
 Jack Alton Hammett
 Joan Elizabeth Harding
 Daryl Lynn Heestand
 John Stephen Heintz
 David Eugene Heisler
 Karen Louise Hemminger
 Jeffrey Eugene Himler
 Robert Murray Hinke
 Kevin David Hoffer
 Virginia L. Hoffman
 Michael P. Huppert
 William Kent Ingham
 Brett Douglas Irick
 Ellen Marie Isabel
 Steven Michael James
 Jack Daniel Joffe
 Kelley Evan Jones
 Tracy Anne Kairis
 Robert O'Hara Kellogg
 Marlane Louise Kennedy
 Lisa Ann Kinsey
 Susan Marie Kirner
 Janette Marie Schneider Knox
 Deanna L. Kroetz
 Michael Anthony Kuharik
 Vincent Todd Kuhn
 Gregory Kulon
 Diane K. LaHue
 Kai-Chieu Lai
 Brian Gerard Lawlor
 Alan Joseph Leinger
 Dianna Pearl Lescaleet
 Kelly Kristen Lewandowski
 Phoebe Tsal-Hong Li
 Josephine M. K. Liauw
 Kenneth Lee Lohiser
 Robert Glenn Lowery

Cynthia Ann Lyon
 Richard Howard Lyon
 Linda Louise MacIntyre
 Linda Marie MacMillan
 Mary Elizabeth Mang
 Christopher Michael Marinko
 Mary Mae Maroff
 Joseph William Martin III
 Teresa Lynne Mason
 Shelly Dee Maurer
 Linda Rausch McCarty
 Laurie Kay McCauley
 Susan Carol McCracken
 Eileen Ann McGivern
 David Milton McGuffin
 Diane Sue Polcyn Meek
 Karen Lynn Mellman
 Douglas Griffiths Meuser
 William V. Meyer
 Linda Ann Michaels
 Laurel Lee Ann Miller
 Timothy Earl Mills
 Daniel Harold Minnich
 James Salvatore Minutello
 Dale Lynn Mohler
 Teresa Ann Montgomery
 Paul Franklin Moodispaw
 Stacy Ann Morgan
 Sheryl Ann Moritz
 Kevin Eugene Mullet
 Mark Douglas Murphy
 Douglas Alton Myers
 Marcia Jean Noe
 Ricke Alan North
 Kevin V. O'Brien
 Sue Wedemeyer O'Doriso
 Stephen Neil Ogle
 Robert James Pantano
 Paula J. Parker
 Bradley Lawrence Paton
 Tara Ann Pattyn
 Kimberly Sue Pauly
 Nadia Tamara Pawlyszyn
 Lauretta Christine Payne
 Ann Marie Pero
 Philip Lawrence Pike
 David Joel Pinsky
 Daryl Thomas Poe
 Catherine Marie Popovich
 Julie Lynn Preston
 William B. Rainey
 David Anthony Rea
 Mark Edwin Reiber
 Mark John Reich
 Martha Ann Reik
 Timothy Charles Reil
 Dirk R. Rife
 Robert Douglas Ritchie
 Jennifer Lynn Ritzler
 Amy Vaughn Roberts
 Cindi Jo Robson
 Beecher Rogers, Jr.
 Marjorie Ann Ward Rogers
 Dina Kathleen Rooney
 Deborah Ann Rostek
 Thomas Edward Runyan
 James Vincent Rundry
 Loren Allen Santiago
 Steven Crayton Saunders

John Jeffrey Scharzman
 Kimberly Ann Schurr
 James Michael Schwab
 Joseph Kent Seal
 David C. Severt
 Clifford C. Shang
 Pamela Jeanne Shaver
 John Robert Shuler
 Allen Edward Sickles
 Richard Paul Simonian
 Mary Alice Small
 Bonnie Jo Marie Smith
 Melodie Lois-Lynn Smith
 Cheryl Lynn Snyder
 Susan Ann Sparks
 Susan Carol Sparks
 Amy Jo Stauffer
 Bruce Martin Sterman
 Jennifer Paulus Steube
 Leslie Ann Stewart
 Roy Carl St. John
 Eileen Rose Strapp
 Sheri Ann Swanson
 Scott Edward Teagarden
 Heather Anne Thorp
 Melissa Mae Thrasher
 Dorothy A. Titterington
 William Louis Tolbert, Jr.
 Bonnie Jean Trame
 Rose Ann Vanderpohl
 Lisa A. Vasilou
 Michael James Vitek
 Melinda Ann Wade
 Elizabeth Anne Walter
 Pamela Sue Wasmuth
 Laura Walston Weeks
 Nicolae Weisz
 Michael Joseph Wering
 Darlene Sue West
 Russ Alan Wiedman
 Heidi Irene Williams
 Kim Marie Williams
 Dennis Richard Wilson
 Christine Marie Wires
 Susan Marie Wisne
 Randall Scott Wright
 Michael Steven Wukelic
 James Robert Young
 Thomas Richard Zacher
 Molly Rayne Zahn
 Diana Kay Zantopoulos
 Susan Angela Zeleznik
 Ronald Steven Zitek

Cum Laude with Distinction in Agricultural Engineering

Kevin Ray Nau

Cum Laude with Distinction in Criminology and Criminal Justice

Bradford Lee Bopp

Cum Laude with Distinction in Home Economics Education

Christie Ann Grewel

Cum Laude with Distinction in Physical Therapy

Robert Joseph Ragusa

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

Michael Scott Bryant

Cum Laude with Distinction in Political Science and with Honors in the Liberal Arts

Vincent Atriano
Coleen Roberta Love
Foster Marshall, Jr.

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

Raymond Francis Wack

Cum Laude with Honors in the Liberal Arts

Louis Steven Bialore
Raymond Paul Goodrich
Lisa Ann Hamilton
Jeffrey Gordon Harrison
Joseph Dumont Heyd
Barbara Lynn Johnson
Lisa Annette Kaplan
Sheila M. Kayle
Eric Allen Lucas
Charles Herbert Mahler
Mandel Claire Murray
Ronald Arthur Price
Joseph Leo Rietman
Amy Mildred Rychener
Judy Beth Wertheimer
Frederick Kent Williams II
David Allen Zagore

Summa Cum Laude

Jill Elizabeth Alemany
Craig Anthony Altier
Susan Patricia Alverson
John James Anzalis
Susan P. Balkeman
Melissa Fairall Bailey
Steven Mark Ballman
Lynn Marie Bartholomew
Bonnie Jean Bean
Margaret Kay Beck
Marianne Louise Beever
Susan Michele Bejczy
Toni Sue Belcik
Elizabeth Ransom Bender
Karyn C. Boltz
Janet Ann Buchanan
Christopher Stockton Campbell
Robin Hess Comfort
Sheila Frances Connor
Annette Joy Cooper
Carla Elizabeth Core
Eric David Deandorff
Penny Lynette Decider
Gretchen Faye Deeter
Kelly Rochelle DeWeese

Roberta Lynn Diehl
Jo Dolores Dilgard
Clark Richard Dohmann
Gary Charles Doney
Gregory Albert Donnell
Bonnie Jean Egan
Daniel Paul Eppley
Lisa Ann Eubanks
Cynthia Beth Evans
David Carlyle Evans
Mary Gwen Ferguson
Michelle Jeannine Fix
Susan Lynne Fromuth
Ginger Ann Fuller
Raymond Dayre Fuller
Ellen Joyce Gibson
Chris Ann Gipp
Gail Ilene Glaser
Jean Anne Gurkis
Scott T. Hagen
Charles Alan Hall
Bonita Leah Hambor
Michael George Hasara
Mary Elizabeth Tompkins Husman
David Lawrence Imbrocio
Susan Marie Jansen
Andrea Ellen Joffe
Ellen LeMay Jones
James Warren Jones
John Harvey Jones
R. Brian King
John Stewart Kleine
Tyson Frederick Koch
Nancy Louise Koster
Susan Lee Koukis
Kee Lim
Beth Ann Lucas
Philip Anderson March
Michael David Matarrese
Crystal Lynn Mayle
Patrick Michael Mayock
Gregory John McCann
Mark Joseph Melaragno
Kara J. Messerly
Mary-Ellen Midolo
Denise Sue Miller
James Roger Monte
Paul David Morehart
Michael Thomas Murch
Douglas Ray Myers
Alexandros William Nicolozakes
Caley Renee Norton
Michael Anthony O'Connell
Judith Ann Peters
Randy Robert Polen
Lesli Joyce Prager
Anne Luick Reznik
Michael Vincent Rocca
Carmel Leigh Rooney
Lisa Kay Scheidemantel
Linda Kay Sillman
James Allen Slaman
Cheryl Lynne Smith
Gayle Lynn Smith
Kent Michael Stahl
Michael David Steines
Mark Allen Stieg
Todd Alan Sutton
Deborah Lynn Swope

Donald Frank Tandy Jr.
Roberta L. Texter
Ilene Theresa Timko
David Scott Utrecht
Martha Jane Walker
Sandra Sue Weaver
John William Welsh
Elaine Louise Wheeler
Tameia Jane White
David John Witson
David Alan Zimmerman

Summa Cum Laude with Distinction in Agricultural Economics

Sandra Kay Hartman

Summa Cum Laude with Distinction in Agronomy

Andrew Evan Pymale

Summa Cum Laude with Distinction in Animal Science

Mary Ann Watson

Summa Cum Laude with Distinction in Computer and Information Science

John Eric Faure

Summa Cum Laude with Distinction in English

Rhonda Renee Garrabrant

Summa Cum Laude with Distinction in Fisheries Management

Bradford Duane Lohiser

Summa Cum Laude with Distinction in Medical Dietetics

Julia Lynn Beckman

Summa Cum Laude with Distinction in Natural Resources Development

Carrie Stilwell

Summa Cum Laude with Distinction in Physical Therapy

Janine Leigh Beckman

Summa Cum Laude with Distinction in English and with Honors in the Liberal Arts

William Harold Nages

Summa Cum Laude with Honors in the Liberal Arts

Margaret M. Antenucci
Marisa Anna Capocchia
Matthew Dejongh
Rozanne Joelle Edwards

Nancy Louise Koster
John Telfair Faxton
Frederick William Van Keuls
Gerard Michael Williger

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

Columbus, Ohio, June 7, 1985

The Board of Trustees met at its regular monthly meeting on Friday, June 7, 1985, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

* * *

Minutes of the last meeting were approved.

* * *

June 7, 1985 meeting, Board of Trustees

The Chairman, Mr. Havens, called the meeting of the Board of Trustees to order at 11:20 a.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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INTRODUCTION OF NEW BOARD MEMBER

Mr. Havens introduced the new member of the Board of Trustees:

It is my pleasure to introduce Ms. Deborah E. Casto of Columbus who has been appointed to serve as a Trustee of this University by Governor Richard Celeste for a term beginning May 14, 1985, and ending May 13, 1994. Ms. Casto is succeeding Mr. D. James Hilliker, whose term has expired.

Ms. Casto received a B.S. in Home Economics from The Ohio State University in 1975. She is a partner in Casto Investors, an Ohio registered shopping center development firm. Between 1975-81 she worked in the retailing and fashion industry in Ohio and New York City. She presently serves as the Director of Marketing at the Columbus Zoo.

She is affiliated with a number of organizations both national and international and is a member of The Ohio State University Alumni Association and a member of the Presidents Club.

We would like to note here that with the appointment of Ms. Casto, this marks an historic first, in that we now have two women serving concurrently on our Board.

We welcome you, Debbie, and look forward to working with you in your new role.

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Mr. Havens reconvened the meeting at 1:30 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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COMMITTEE APPOINTMENTS 1985-86

Resolution No. 85-132

WHEREAS the appointments to Committees and representatives to the Research Foundation Board of Directors, the Development Fund Board of Directors, the

June 7, 1985 meeting, Board of Trustees

COMMITTEE APPOINTMENTS 1985-86 (contd)

Inter-University Council, the University Hospitals Board, and the University Foundation Board of Directors for 1985-86 are as follows:

Educational Affairs Committee	John W. Berry, Chairman John J. Barone, Vice Chairman Deborah E. Casto
Fiscal Affairs Committee	Daniel M. Galbreath, Chairman Hamilton J. Teaford, Vice Chairman Leonard J. Immke
Standing Committee on Agricultural Affairs	Shirley D. Bowser, Chairman Dale Locker, Vice Chairman, Ex Officio John J. Barone
Student Affairs Committee	Leonard J. Immke, Chairman Edmund C. Redman, Vice Chairman Deborah E. Casto
Personnel Committee	John F. Havens, Chairman Daniel M. Galbreath, Vice Chairman Edmund C. Redman
Development Fund Board of Directors	John W. Berry (1985-87) Edmund C. Redman (1985-87)
Inter-University Council	Hamilton J. Teaford
Research Foundation Board of Directors	Daniel M. Galbreath (1985-87)
University Hospitals Board	Shirley D. Bowser Edmund C. Redman
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

June 7, 1985 meeting, Board of Trustees

COMMITTEE APPOINTMENTS 1985-86 (contd)

Directors, the Inter-University Council, the University Hospitals Board, and the University Foundation Board of Directors for 1985-86 be approved.

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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AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY

Resolution No. 85-133

Synopsis: Amendments to rules 3335-7-271, 3335-9-06, and 3335-47-10 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 May 11, 1985, as follows:

AMENDED RULES

3335-7-271 Freshman forgiveness rule.

- (A) If a course in which an undergraduate student receives a grade of "D+," "D," or "E," taken during the freshman year (the period during which the first forty-four credit hours are accumulated on the student's official permanent record) is repeated before the end of that student's sophomore year (when the student will have accumulated a total of eighty-nine credit hours), the original course credit and grade will be automatically excluded from the calculation of the student's cumulative point-hour ratio and deficiency points, but will remain on the student's official permanent record. This action will be subject to the following conditions:
- (1) If the grade in the original course was a "D+" or "D," a student may repeat the course for credit only upon the recommendation of the authorized representative of the dean, or director of the student's enrollment unit. Such recommendation must be obtained before noon of the third Saturday of the quarter in which the repeated course is taken.
 - (2) The same course may be repeated only once under this rule.
 - (3) This rule may be applied for a maximum of fifteen credit hours.

June 7, 1985 meeting, Board of Trustees

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

3335-9-06 Admission to advanced standing.

- (C) An undergraduate applicant having fewer than forty-five transferable quarter credit hours at the time of first enrollment shall be subject to the provisions of rules 3335-9-04 (A) and 3335-9-25 (B) of the Administrative Code.

3335-47-10 Regular faculty ranks (requisites, capacities, and tenure accrual).

(C) Associate professor.

- (2) A person appointed from outside of this university to associate professor will serve a probationary period.

(a) The probationary period will be three years except as noted in paragraph (C) (2) (b) of this rule. During the second year, the person involved will be informed by the chairperson or dean if tenure is to be granted beginning with the fourth year of service. If tenure is not granted, the appointment will not be renewed after the end of the third year.

(b) In cases where the appointment of an individual to the associate professor rank is based upon professional experience of a non-academic nature, the probationary period may be as long as five years. The additional time is provided to give the individual an opportunity to demonstrate appropriate academic accomplishments. The length of the probationary period will be part of the official appointment offer and will have approval of the appropriate dean and the vice president for academic affairs and provost. In this case, the decision to award tenure must be made no later than the next to last year of the approved probationary period. The decision will be made according to the unit's normal review procedures. If tenure is not granted, the appointment will not be renewed after the last year of the agreed probationary period.

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

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June 7, 1985 meeting, Board of Trustees

CHANGE IN ORGANIZATIONAL STRUCTURE

Resolution No. 85-134

Synopsis: A change in organizational structure for Hospital and Health Services Administration to Divisional Status within the College of Medicine is proposed.

WHEREAS Divisional status within the College of Medicine would make Hospital and Health Services Administration more competitive in recruiting quality students, attracting and retaining faculty, and obtaining grant monies; and

WHEREAS the proposed change in organizational structure would be consistent with the recommendations of the Hospital and Health Services Administration accrediting commission; and

WHEREAS Hospital and Health Services currently participates in medical student education; and

WHEREAS Hospital and Health Services has been operating on this basis for the past two years:

NOW THEREFORE

BE IT RESOLVED, That the University Senate has approved the requested change in organizational structure for Hospital and Health Services Administration, and respectfully requests concurrence by the Board of Trustees.

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

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**BYLAWS OF THE MEDICAL STAFF OF
THE OHIO STATE UNIVERSITY HOSPITALS**

Resolution No. 85-135

Synopsis: Amendment of the Bylaws of the Medical Staff of The Ohio State University Hospitals is 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 amendment to bylaw 3335-43-10 was approved at the University Hospitals Board meeting on April 25, 1985, as follows:

AMENDED BYLAW

3335-43-10 Administration of the medical staff of the Ohio state university hospitals.

BYLAWS OF THE MEDICAL STAFF OF
THE OHIO STATE UNIVERSITY HOSPITALS (contd)

(C) Credentials committee:

- (1) Composition: The committee shall be composed of six (6) members of the medical staff. Appointments to the committee shall be in accordance with section 3335-43-10 (A) (1). The chairman of the committee shall be appointed by the medical director and the chief of staff.
- (2) Duties:
 - (a) The committee shall meet quarterly or as often as necessary to consider applications for medical staff appointments.
 - (b) Upon the recommendation of the chairman, the committee will receive, through the office of the medical director, all applications for medical staff appointment.
 - (c) The department chairman will assure that the application includes letters of reference from medical school, internship and residency, other post-graduate experiences, and that reference audits have been completed.
 - (d) The committee will review all applications for medical staff appointments as well as applications for renewal of the medical staff appointment.
 - (e) Renewal applications will be reviewed biennially unless a change in appointment or privileges is recommended by the chairman.
 - (f) Provisional appointments to the medical staff will be reviewed by the credentials committee after six (6) months and with the recommendation of the department chairman. It will be the responsibility of the chairman of the committee to assure that all records are handled and kept with utmost confidentiality.
 - (g) The committee will make its recommendation to the medical staff administrative committee through the office of the medical director. Applications referred to the medical staff administrative committee will have the following information: name, status, department (division), medical school and year of graduation, residency and fellowships, medical-related employment since graduation, board certification and recertification, licensure status.
 - (h) The credentials committee or the medical director may request the medical staff administrative committee to consider certain applications in executive session.

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BYLAWS OF THE MEDICAL STAFF OF
THE OHIO STATE UNIVERSITY HOSPITALS (contd)

- (i) Following the recommendation of the medical staff administrative committee the appointment procedure will be completed according to section 3335-43-04 (E) (2), (3), (4).

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendment 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. Galbreath, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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President Jennings made the following statement regarding the Medical Practice Plan:

It has now been more than five years since the Board of Trustees approved Ohio State's first medical practice plan. Last October, a faculty committee was asked to review the existing plan in terms of the current priorities and needs of the College of Medicine. This committee provided us with a series of recommendations in February, which we have accepted in principal.

Since that time, Dr. Tzagournis has been working with the college executive committee and meeting with the faculty in each department of the College of Medicine, as well as with members of the Practice Plan Review Committee, to determine how to implement the committee's recommendations.

As a result of these extensive consultations, I am today recommending modifications to the College of Medicine Practice Plan passed by the Board of Trustees on March 2, 1979. These amendments, which I recommend be effective July 1, 1985, implement several important enhancements to the current plan.

First, the amendments establish a teaching and research fund for the College, to be supported annually by contributions from practice income and release time monies resulting from sponsored research. This fund, initially established between \$500,000 and \$1,000,000, is to be administered by the Dean.

Second, the plan provides for annual confidential disclosure of each faculty member's practice income, associated practice costs, and support to the college and department. These data are to be provided to an independent accounting firm, which will prepare the information for each department chairperson and provide departmental consolidations for the Dean plus a college consolidation for the President. If the President or Dean determines that unusual

June 7, 1985 meeting, Board of Trustees

President Jennings: (contd)

circumstances exist, any regular faculty member shall make a separate confidential disclosure to the Dean or the President, or both.

Third, each department establishes a central practice group with the approval of the Dean. All new faculty members will be required to join this departmental group, while current faculty members may either join or remain with their existing group.

This central group will administer the patient care practice of all its members, including collection of fees and payment of all members' patient care costs and expenses plus contributions for academic enrichment, teaching and research as well as distribute all practice income. Each department's group provides for major input by the chairperson, full participation by the regular faculty, and is subject to a complete and full audit by the Dean, at least annually.

Fourth, the plan provides for an annual review by the faculty Practice Plan Committee, clinical department chairpersons, and the Dean of the costs billed for use of University medical facilities. These amendments also eliminate annual activity reporting, which would duplicate the information provided as a part of the new confidential disclosure process.

These recommended amendments to the medical practice plan represent significant improvements which will benefit the faculty, the college, and the University. I believe we can safely say that with these modifications, Ohio State's practice plan will now provide full accountability with appropriate confidentiality, which is in line with the standard policies at most other major university medical centers across the nation.

I want to compliment the faculty of the College of Medicine for their significant time and effort over the past several months which have resulted in these recommendations. Their openness and willingness to engage in broad discussion of alternative ideas and approaches has resulted in a practice plan of which we can all be proud, and which will enhance the continued pursuit of excellence in the College of Medicine's teaching, research and health care activities.

Thank you, Mr. Chairman. I will be happy to respond to any questions.

CHANGE IN THE OHIO STATE UNIVERSITY
COLLEGE OF MEDICINE MEDICAL PRACTICE PLAN

Resolution No. 85-136

Synopsis: A change in The Ohio State University College of Medicine Medical Practice Plan as adopted on March 2, 1979, is proposed.

June 7, 1985 meeting, Board of Trustees

**CHANGE IN THE OHIO STATE UNIVERSITY
COLLEGE OF MEDICINE MEDICAL PRACTICE PLAN (contd)**

WHEREAS on March 3, 1978, this Board adopted a medical practice plan for professional fee income; and

WHEREAS this plan was revised on March 2, 1979, and was subsequently filed pursuant to Chapter 111.15 of the Ohio Revised Code as Rules 3335-91-01 through 3335-91-11; and

WHEREAS consistent with usual and customary academic and administrative practices it was determined that appropriate review and evaluation of this plan should be made; and

WHEREAS the committee which was appointed by the Provost to review subject plan and make appropriate recommendations relative to any changes or modifications thereto has completed its review:

NOW THEREFORE

BE IT RESOLVED, That the aforesaid Ohio State University College of Medicine Medical Practice Plan is hereby amended and adopted in the amended form attached hereto and incorporated herein, to become effective July 1, 1985; it being understood that the newly adopted plan will supersede and render null and of no effect the Medical Practice Plan adopted by this Board on March 2, 1979; and

BE IT FURTHER RESOLVED, That if any portion of this Medical Practice Plan as adopted pursuant to this resolution is invalidated by a court of law, such determination shall not affect any other part of this Practice Plan.

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

Mr. Havens made the following statement on behalf of the Trustees regarding the Medical Practice Plan:

The amendments to the Medical Practice Plan are definite improvements over the current plan which has been in effect since July 1, 1979. These revisions provide more accountability, greater flexibility and allow for better care to patients visiting The Ohio State University Hospitals and our faculty. After reviewing the amendments, it appears that the plan includes an inherent inefficiency in that medical faculty utilize a variety of billing services. This can be confusing to our patients. In order to address this inefficiency, this Board recommends that President Jennings and his staff institute a central billing service at University Hospitals.

**THE OHIO STATE UNIVERSITY
COLLEGE OF MEDICINE MEDICAL PRACTICE PLAN**

I. Introduction and Scope of Coverage

These policies (hereinafter referred to as "the Practice Plan") shall be incorporated in and be a part of the annual contract of employment between The

THE OHIO STATE UNIVERSITY
COLLEGE OF MEDICINE MEDICAL PRACTICE PLAN (contd)

Ohio State University and all regular and auxiliary faculty members appointed in a Division or Department of the College of Medicine. This Practice Plan has been adopted by the Board of Trustees of The Ohio State University to become effective July 1, 1985, and can be amended only by formal action of the Trustees.

II. Definitions

For purposes of this Practice Plan:

- (A) (1) "Regular faculty member" shall mean a person holding a faculty appointment requiring fifty percent or more service to the University and holding the title of Professor or Professor of Clinical Medicine (or other Clinical Department such as Surgery, etc.), Associate Professor or Associate Professor of Clinical Medicine, Assistant Professor or Assistant Professor of Clinical Medicine, or Instructor or Instructor of Clinical Medicine in a Division or Department in the College of Medicine.
- (2) For purposes of sections II(F), II(K), V, VII, VIII, IX and X, "Regular faculty member" shall include only those faculty who are physicians.
- (B) "Auxiliary faculty member" shall mean a person holding a clinical, adjunct, or other appointment in a Division or Department in the College of Medicine and who is not a regular faculty member in that Division or Department, but shall not include any person employed full-time in the Student Health Center.
- (C) "Strict full-time faculty member" shall mean a person who holds a faculty appointment in the College of Medicine and who has agreed to a salary, without supplement from practice income, as his or her total compensation for teaching, research, and patient care services.
- (D) "Practice income" shall mean all gross income received by a faculty member or a partnership, corporation, association or agent on his or her behalf from such faculty member's patient care services.
- (E) "Release time money," shall mean the amount of time, measured in dollars, that a faculty member is released from normal duties to allow the faculty member to participate in a sponsored research project, or the mechanism by which faculty time is charged to and recovered from a sponsored research project.
- (F) "MRDF" shall mean The Ohio State University Medical Research and Development Foundation, a not-for-profit organization incorporated under the laws of the State of Ohio. The articles of incorporation of MRDF shall provide: that all regular faculty members shall be members of MRDF; that the MRDF Board of Trustees shall have ten members only; that the regular faculty members shall elect 60% of the membership of the MRDF Board of Trustees; that faculty members of the MRDF Board of Trustees shall be elected to three-year terms with one-third of the faculty members being elected each year, with appropriate adjustments

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COLLEGE OF MEDICINE MEDICAL PRACTICE PLAN (contd)

being made during the initial two years; and that the OSU Board of Trustees shall appoint the remaining members (40% of the membership) of the MRDF Board of Trustees.

- (G) "OSU" shall mean The Ohio State University.
- (H) "Clinical Departments" shall mean the following academic Departments in the OSU College of Medicine: Anesthesiology, Family Medicine, Medicine, Neurology, Obstetrics and Gynecology, Ophthalmology, Otolaryngology, Pathology, Pediatrics, Physical Medicine, Preventive Medicine, Psychiatry, Radiology, and Surgery.
- (I) "Academic year" shall mean the period beginning July 1 and ending on June 30 of the following calendar year or such other fiscal year as may be adopted by OSU.
- (J) "Dean" shall mean the Dean of the OSU College of Medicine.
- (K) "Practice Plan Committee" shall mean a committee elected annually by and from the regular faculty members in a Clinical Department, with each Clinical Department being entitled to elect one committee member for each ten (or fraction thereof) regular faculty members in their Department. The Practice Plan Committee will advise the Dean, the Vice President for Health Services, the Provost, the President, and the MRDF Board of Trustees on matters relating to the operation of this Practice Plan, and will perform such other duties as may be determined. The Committee will receive annually a written report from the MRDF Board of Trustees indicating, in the aggregate by department, all of the MRDF revenues and expenditures during the preceding year.
- (L) Division shall mean an organized unit of OSU formally recognized as a division by OSU pursuant to rules 3335-1-05 and 3335-3-34 of the Ohio Administrative Code.

III. Compensation and Support for Regular Faculty

(A) Salary

Faculty members in the College of Medicine may receive a salary from the OSU general funds budget. The salary level shall be specified in his or her "Notice of Appointment" and shall be determined annually by OSU. In recommending such salary, the Dean will consider each faculty member's teaching and administrative performance and research productivity. Any regular faculty member desiring to increase his or her salary to a maximum level as determined by the Dean may do so by paying to OSU from his or her practice income from patient care services the amount of the desired increase, plus the increased cost of the employer's contribution to the appropriate retirement system.

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COLLEGE OF MEDICINE MEDICAL PRACTICE PLAN (contd)

(B) Facilities and Support

Regular faculty members will be furnished with office and clinical facilities, equipment, supplies, and staff assistance, subject to the obligations of payment as provided in this Practice Plan. The OSU Hospitals will provide house staff.

(C) Practice Income

Subject to the obligations detailed in this Practice Plan, the regular and auxiliary faculty members may establish their professional fees and bill for, collect, and retain all fees for services rendered by such faculty members.

IV. Professional Fees--Collection and Guidelines

(A) A professional fee office will be operated by OSU as a part of this Practice Plan. This professional fee office will issue billing statements and collect practice income for those faculty members or professional corporations, partnerships, and associations of faculty members so requesting.

(B) Confidential Disclosure

Each regular faculty member of the College shall confidentially disclose to his or her Division or Department Chairperson (Chairperson) on or about the fifteenth of April of each year his or her annual practice income, associated practice costs and expenses, and the amount of annual support provided by the faculty member to his or her Division, Department and/or the College during the previous calendar year. This confidential disclosure will be accomplished by each faculty member or his or her designated agent providing the requested data to a private accounting firm. The private accounting firm will collect all data and disclose to and review with each Chairperson the detailed disclosure information for his or her respective faculty members. All such individual disclosures will be treated confidentially. The private accounting firm will also combine the information of disclosed amounts for the faculty members in each Division or Department and provide an accounting in aggregate amounts to the appropriate Chairperson.

Each Chairperson will provide to the Dean no later than the 15th of May, the total aggregate amounts of practice income, expenses, and institutional contributions relating to his or her respective departmental faculty, along with a confidential disclosure of the Chairperson's own annual practice income, associated practice expenses, and the amount of annual support he or she provided to their Division, Department, and/or the College. The confidential disclosure required for each Chairperson will be accomplished by providing the requested data to the private accounting firm as described in this section. This data shall be available to the Dean.

The Dean will disclose the totals for the College to the President of OSU.

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**THE OHIO STATE UNIVERSITY
COLLEGE OF MEDICINE MEDICAL PRACTICE PLAN (contd)**

If the President or the Dean determines that unusual circumstances exist, any regular faculty member shall also make a separate, confidential disclosure to the Dean and/or the President of OSU.

V. Cost Related to Patient Care Services

(A) Clinical Department Finance Committees

The regular faculty members in each Clinical Department will elect from their membership a Department Finance Committee, consisting of not less than three members.

(B) Determination of Costs

OSU and the OSU Hospital will maintain accurate records of the total costs (direct and indirect) incurred in University medical facilities. It is recognized that a portion of these total costs results, and will continue to result, from the performance of the teaching and research functions of OSU and that this portion of these costs is an appropriate expense of OSU and the OSU Hospital.

The Department Chairpersons and the Department Finance Committees will meet, no fewer than sixty days prior to the beginning of each academic year, with appropriate representatives of OSU and the OSU Hospital to develop a Department practice budget. That budget is to include the (direct and indirect) costs incurred in University facilities used by regular faculty members in that Department to provide patient care services from which regular faculty members will be deriving practice income. Such costs are to be reduced by an amount which, in the judgment of OSU, reflects a proper charge for the Department teaching and research functions performed in the OSU facilities and are to be no more than the costs for which similar facilities could be obtained from a competitive source in which there is no teaching or research function for which payment must be made. No charge is to be made for University medical facilities for which OSU or the OSU Hospital makes a separate charge to the patient.

Appropriate OSU and OSU Hospital costs records will be made available to the Department Chairpersons, the Department Finance Committees, and the Practice Plan Committee. Upon request, the Practice Plan Committee will meet with representatives of OSU Hospital to discuss such cost records, including proposed indirect costs and the amount of the charge for the teaching and research functions.

(C) Practice Costs Review

The costs which are billed to each Division and Department for use of medical facilities shall be annually reviewed by the Practice Plan Committee, Clinical Department Chairpersons, and the Dean. A committee of faculty members and hospital administration members shall review and make recommendations regarding clinic operations, expenses, governance, and other matters which affect outpatient activities.

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THE OHIO STATE UNIVERSITY
COLLEGE OF MEDICINE MEDICAL PRACTICE PLAN (contd)

VI. Teaching and Research Fund of the College

In order to enhance teaching and research there shall be created within the College a Teaching and Research Fund (TRF) to be administered by the Dean. TRF will be created and perpetuated through annual contributions of practice income and release time money received from each Division and Department of the College. The annual contribution will aggregate between \$500,000 and \$1,000,000 in the first year with these limits adjusted each year at the same percentage as the consumer price index, and will be determined by the Dean in consultation with the College of Medicine Executive Committee and the Practice Plan Committee. The Dean will annually provide to the College of Medicine Executive Committee and the Practice Plan Committee a report on the preceding year's expenditures together with the current status of the TRF.

The initial contribution to the TRF and all subsequent contributions, are to be apportioned among the Divisions and Departments of the College, according to their members' total practice income and release time money received during the previous calendar quarter. Payments will be made to the College on a quarterly basis: the last day of September, December, March, and June of each academic year based upon an estimate of practice income with final reconciliation to be made at the end of June of each academic year. Payments will be made by the Chairperson under agreements adopted by a majority of the members of each Division or Department within the College.

TRF is separate and distinct from the academic enrichment programs provided for in subsection VII of this plan.

VII. Academic Enrichment Programs

- (A) It is recognized that the Clinical Departments have varying needs for, and varying abilities to support, academic enrichment programs calling for funds in addition to the payment of costs incurred in connection with patient care services. A single plan applicable to all faculty members can result in inequities, both for the faculty and for the College of Medicine. Instead, academic enrichment plans should be developed through Departmental faculties under the guidance of the Practice Plan Committee. Funds to support academic enrichment plans shall be paid to and administered by MRDF.
- (B) The Practice Plan Committee will establish general guidelines for the development of Departmental academic enrichment programs, including recommendations as to possible projects to be considered by the Practice Plan Committee such as the following:
- (1) Compensation and expenses for visiting consultants and lecturers.
 - (2) Expenses directly related to faculty and staff recruitment.
 - (3) Costs of scholarships, stipends, and tuitions for students.
 - (4) Costs of personal training courses and attendance at professional and educational meetings.

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THE OHIO STATE UNIVERSITY
COLLEGE OF MEDICINE MEDICAL PRACTICE PLAN (contd)

- (5) Costs of research laboratories, including salaries, maintenance and equipment.
 - (6) Other expenses incurred in support of Departmental teaching, research, and professional care of patients.
- (C) Each Department Finance Committee, after consultation with the Practice Plan Committee, will recommend to the departmental regular faculty members a Departmental academic enrichment program. Upon an affirmative vote of at least 75% of the regular faculty holding appointments in the Department, the program will become effective and mandatory on all regular faculty members holding appointments in the Department. A Departmental academic enrichment program may be amended from time to time or rescinded by an affirmative vote of at least 75% of the regular faculty members holding appointments in the Department.
- (D) Copies of Departmental enrichment programs will be filed with the Department Chairperson, the Practice Plan Committee, and the Dean, and shall be subject to their approval. The Department Chairperson, the Practice Plan Committee, or the Dean may from time to time recommend changes in any Departmental academic enrichment program, which recommendations will be considered by the Department Finance Committee and by the regular faculty members in the Department. The results of such consideration will be sent to the Department Chairperson, the Practice Plan Committee, and the Dean.
- (E) If a Department does not approve an academic enrichment program or, if at any time a Department rescinds its academic enrichment program the Dean will meet with the regular faculty members in the Department to discuss the reasons why such a program has not been approved or why the program was rescinded. If a Departmental enrichment program is not approved within a reasonable time after such meeting, the Dean (following consultation with the Practice Plan Committee) shall submit the matter, together with a proposed academic enrichment program to the MRDF Board of Trustees for binding arbitration. If a Departmental enrichment program has been adopted by a Department and has been disapproved by the Department Chairperson, the Practice Plan Committee or the Dean, or if recommendations for change in a program by the Department Chairperson, the Practice Plan Committee or the Dean are not accepted by the Department faculty, the disapproving or recommending party shall prepare a proposed Departmental enrichment program. The program adopted by the Department and the program prepared by the disapproving or recommending party shall be submitted to the MRDF Board of Trustees for binding arbitration. Once the matter is brought before the MRDF Board of Trustees for arbitration pursuant to this section, the decision of the MRDF Board of Trustees shall be binding on all parties, and any academic enrichment program thus determined will be mandatory on all regular faculty members in the Department.

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- (F) Each Department Chairperson will file an annual report with the Practice Plan Committee and with the Dean, which report will outline the academic enrichment program adopted by the regular faculty members and the academic enrichment achieved by such program during the prior year.

VIII. Payment of Charges

(A) Determination of Charges to Each Regular Faculty Member

No fewer than thirty days prior to the beginning of each academic year, each Department Chairperson will meet with each regular faculty member holding an appointment within that Department. The purposes of this meeting will be:

- (1) To list the OSU medical facilities, equipment, supplies and staff assistance that the regular faculty member will be using during the following academic years from which the regular faculty member will be deriving practice income;
- (2) To estimate the percentage of time that the regular faculty member will be using such OSU medical facilities, equipment, supplies and staff assistance for such purpose;
- (3) To agree upon the annual charge to be paid by the regular faculty member for the OSU medical facilities, equipment, supplies and staff assistance used to produce practice income; and
- (4) To determine the annual charge to be paid by the regular faculty member under the Department's academic enrichment program.

At any time during the academic year, either the Department Chairperson, or the regular faculty member may request a review and adjustment of the OSU medical facilities, equipment, supplies and staff assistance actually used by the regular faculty member to derive practice income.

If the Department Chairperson and the regular faculty member cannot agree with the annual charges to be paid by the regular faculty member, the Chairperson shall, after consultation with the Department Finance Committee, recommend to the Practice Plan Committee the annual charges (supported by the list of facilities, equipment, supplies and staff assistance and percentage of use) and shall send a written copy of his or her recommendation to the regular faculty member involved in the dispute. Following consultation with the regular faculty member and the Department Finance Committee, the Practice Plan Committee shall determine the annual charges to be paid by the regular faculty member.

In no event will a determination of the Practice Plan Committee regarding the obligation of any individual faculty member affect the total obligation of the Clinical Department under this Plan.

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COLLEGE OF MEDICINE MEDICAL PRACTICE PLAN (contd)

(B) Payment for Practice Costs and Academic Enrichment

Except in unusual cases, the charge for practice costs and academic enrichment to each regular faculty member will be stated on an annual basis, one-quarter of which will be paid by the regular faculty member on the last day of September, December, March and June of each academic year, for the prior quarter. Payment for the practice costs will be made to OSU; payment for academic enrichment will be made to MRDF; and both will be reported at least quarterly to MRDF and to the Practice Plan Committee.

IX. Discovery Relevant to Disputed Clinical Department Practice Plans or Individual Annual Charges

- (A) If the aggregate amount of practice income of a Department or the amount of practice income of any one or any number of individual members of a Department, is found by any three members of the Board of MRDF or a majority of the Practice Plan Committee (PPC) to be relevant to an issue submitted either for arbitration or determination, such information shall be supplied by the Department of the individual faculty member to an independent accountant retained by MRDF. The independent accountant shall report the information to the MRDF and the parties in an arbitration, or to the Practice Plan Committee and the Chairperson of the Department and the faculty member in a Practice Plan Committee determination. The information shall be treated by each as Confidential and not further disclosed.
- (B) If the PPC finds that the amount of practice income of a Department or of any one or any number of individual members of a Department is not relevant to an issue before it for determination, and either the Department Chairperson, or the faculty member disagrees, the question of relevancy shall be appealed to the MRDF Board for final resolution. If any three members of the Board of MRDF find that such information is relevant, the information shall be supplied as provided in subsection IX (A).

X. Conflict of Interest

If any member of the Practice Plan Committee or of the Board of Trustees of MRDF is a member of a Department, or is a party, which has previously approved or disapproved a plan or charge submitted for discussion or decision before that body, a substitute member shall be selected with full rights to participate in the discussion and any decision (including the right to vote) in place of the members having such conflict of interest. The regulations and procedures of the Practice Plan Committee and of the MRDF shall provide for the selection of substitutes in a manner consistent with the provisions of this Practice Plan.

XI. Policies Affecting Auxiliary Faculty Members

The Chairperson of each Clinical Department, with the advice of the Department Finance Committee, shall determine what financial obligation auxiliary faculty members with appointments in that Department will have. Such determinations

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COLLEGE OF MEDICINE MEDICAL PRACTICE PLAN (contd)

shall be based on the degree to which such auxiliary faculty members enjoy the benefits of University staff and facilities and the extent to which such persons contribute to the academic programs of the Department and the College, and are subject to the approval of the Practice Plan Committee.

XII. Policies Affecting Strict Full-Time Faculty Members

The Dean or Department Chairperson may negotiate with faculty members for the performance of teaching, research, and patient care services on a salaried basis, without additional compensation from practice income and without additional obligation to pay for cost reimbursement.

A strict full-time faculty member's salary, practice support costs, and academic enrichment contributions will be paid by the University. Practice income generated from the patient care services of strict full-time faculty members may, at the discretion of the Dean, be retained by OSJ Hospitals or the College of Medicine.

XIII. Central Division or Department Practice Group

In an effort to encourage cooperation and the attainment of mutual academic goals within Divisions and Departments of the College, each Division and Department which has not already done so will establish a central practice group.

As a condition of faculty employment, all regular faculty members first appointed on or after July 1, 1985, will be required to join and remain members of the central practice plan group of the Department or Division to which they are appointed. Regular faculty members who are members of a central practice group existing on July 1, 1985, will remain so or become and remain a member of any practice group deemed to be a successor of the existing central practice group. The determination of a successor practice group shall be made by the chairperson, after full consultation with the faculty and with the approval of the Dean. A regular faculty member appointed prior to July 1, 1985, who is not a member of an existing central practice group and who thereafter joins a central practice group may, within two years after joining, withdraw, without membership therein becoming a condition of employment.

All central practice groups, whether established before or after July 1, 1985, including successors thereto, shall be organized by the regular faculty members of each Department or Division under the direction of the Chairperson and be approved by the Dean. The central practice group shall administer the patient care practice of all its members, including collection of fees, payment of all members' patient care costs and expenses, academic enrichment and TRF contributions, as well as distribute all practice income. Each central practice group should provide for major input by the Chairperson, full participation by the regular faculty, and be subject to complete and full audit by the Dean, at least annually.

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COLLEGE OF MEDICINE MEDICAL PRACTICE PLAN (contd)

Each central practice group should encourage the inclusion and cooperation of all regular faculty members and permit their membership. No previously existing practice groups or regular faculty members who were appointed by OSU prior to July 1, 1985, shall be required to join their Division or Department central practice group. The Chairperson shall be entitled to review any other existing practice groups' decision-making process and governance documents in order to ensure academic quality and productivity within the Division or Department.

In order to maintain individuality and autonomy as between Divisions and Departments, each Division or Department should continue to have the opportunity to develop its own plan of practice.

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HONORARY DEGREE

Resolution No. 85-137

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:

Richard F. Celeste

Doctor of Laws

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

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PERSONNEL ACTIONS

Resolution No. 85-138

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the May 3, 1985 meeting of the Board, including the following Appointments, Appointment of Chairpersons of Departments and Director of School, Reappointment of Chairpersons of Departments and Divisions and Director of School, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles as detailed in the University Budget be approved.

June 7, 1985 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments

Name: FRANCIS X. BEYTAGH
Title: Dean and Professor
College: Law
Effective: August 1, 1985
Salary: \$90,000.00
Present Position: Cullen Professor of Law, College of Law, University of Houston, Houston, TX

Name: ROY A. KOENIGSKNECHT
Title: Dean and Professor
Office/Department: Graduate School/Communication
Effective: August 1, 1985
Salary: \$78,000.00
Present Position: Associate Dean and Dean of Admissions of The Graduate School and Professor of Speech and Language Pathology in the Department of Communicative Disorders, Northwestern University, Evanston, IL

Name: MIHAI NADIN
Title: Professor (Ohio Eminent Scholar in Art and Design Technology)
College: The Arts
Effective: October 1, 1985
Salary: \$84,960.00
Present Position: Founder and Director of the Institute for the Semiotics of the Visual and Professor, Rhode Island School of Design, Providence, RI

Name: WALTER G. HACK
Title: Professor (The William Ray and Marie Adamson Flesher Professorship in Educational Administration)
College: Education - Administration
Effective: Immediately
Salary: N/A
Present Position: Professor, Department of Educational Policy and Leadership

Appointment of Chairpersons of Departments and Director of School

July 1, 1985 through June 30, 1989

School of Allied Medical Professions
Microbiology

Stephen L. Wilson
John N. Reeve

September 1, 1985 through August 31, 1989

Physiology

Jack D. Wood

June 7, 1985 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointment of Chairpersons of Departments and Director of School (contd)

October 1, 1985 through September 30, 1989

German
Computer and Information Science

Barbara Becker-Cantarino
Mervin E. Muller

Reappointment of Chairpersons of Departments and Divisions and Director of School

July 1, 1985 through June 30, 1986

School of Public Administration

Arthur D. Lynn, Jr.*

July 1, 1985 through June 30, 1987

Obstetrics and Gynecology

Frederick P. Zuspan

July 1, 1985 through June 30, 1988

Division of Pharmaceutical Administration
Division of Pharmaceuticals and Pharma-
ceutical Chemistry

Dev S. Pathak

Robert E. Notari

July 1, 1985 through June 30, 1989

Chemical Engineering
Electrical Engineering
Veterinary Anatomy
Zoology

Jacques L. Zakin
Hsien C. Ko
Wesley D. Anderson
John L. Crites

*Acting Director

Leaves of Absence Without Salary

JOHN S. VASKO, Professor, Department of Surgery, effective June 1, 1985 through June 30, 1986, for personal reasons.

LAWRENCE D. VITT, Associate Professor, Academic Faculty of Management Science, effective Spring Quarter 1985, for personal reasons.

JAMES M. PEARCE, JR., Assistant Professor, Department of English, effective Autumn Quarter 1985 and Winter Quarter 1986, to accept a fellowship from the National Research Council, Washington, DC.

Professional Improvement Leaves

LARRY C. CAREY, Chairperson and Professor, Department of Surgery, effective July 1, 1985 through December 31, 1985.

June 7, 1985 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leaves (contd)

LAWRENCE J. BERLINER, Professor, Department of Chemistry, effective Autumn Quarter 1985 and Winter Quarter 1986.

PAUL A. COLINVAUX, Professor, Department of Zoology, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

DANIEL J. CRAWFORD, Professor, Department of Botany, effective Autumn Quarter 1985 and Winter Quarter 1986.

TIMOTHY R. DONOGHUE, Professor, Department of Physics, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

WARREN W. EASON, Professor, Department of Economics, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

LAURENCE C. GERCKENS, Professor, Department of City and Regional Planning, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

LIT S. HAN, Professor, Department of Mechanical Engineering, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

PAUL G. NEVAI, Professor, Department of Mathematics, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

THOMAS M. OSTROM, Professor, Department of Psychology, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

STEPHEN J. RALLIS, Professor, Department of Mathematics, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

ROBERT A. RAPP, Professor, Department of Metallurgical Engineering, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

ANDREW I. SCHWEBEL, Professor, Department of Psychology, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

NANCY E. BETZ, Associate Professor, Department of Psychology, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

DANIEL J. CHRISTIE, Associate Professor, Department of Psychology, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

June 7, 1985 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leaves (contd)

HEIKE S. GOELLER, Associate Professor, Department of Industrial Design, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

JEAN-MICHEL GULDMANN, Associate Professor, Department of City and Regional Planning, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

THOMAS F. HECK, Associate Professor, University Libraries, effective August 1, 1985 through July 31, 1986.

LLEWELLYA W. HILLIS-COLINVAUX, Associate Professor, Department of Zoology, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

RICHARD J. JAGACINSKI, Associate Professor, Department of Psychology, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

YAN-SHUAN LAO, Associate Professor, Department of East Asian Languages and Literatures, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

MARTHA C. MAAS, Associate Professor, School of Music, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

ARDINE K. NELSON, Associate Professor, Department of Photography and Cinema, effective Autumn Quarter 1985 and Winter Quarter 1986.

THOMAS E. NYGREN, Associate Professor, Department of Psychology, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

SHIRLEY L. O'BRYANT, Associate Professor, Department of Family Relations and Human Development, effective July 1, 1985 through December 31, 1985.

GLENN S. ROTHMAN, Associate Professor, Department of Art (Marion Campus), effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

V. V. SHARMA, Associate Professor, Department of Economics, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

RICHARD H. STECKEL, Associate Professor, Department of Economics, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

June 7, 1985 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leaves (contd)

BRUCE W. WEIDE, Associate Professor, Department of Computer and Information Science, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

JOHN T. WYNNE, Associate Professor, Department of Art, effective Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

MARTHA S. ALT, Assistant Professor, University Libraries, effective June 24, 1985 through January 5, 1986.

Emeritus Titles

TED R. ROBINSON, Regional Campuses - Administration, with the title Associate Vice President Emeritus, effective July 1, 1985.

CHARLES R. GAMBS, JR., University Public Safety, with the title Assistant Vice President Emeritus, effective July 1, 1985.

ROBERT B. HIGHTSHOE, College of The Arts - Administration, with the title Assistant Dean and Associate Professor Emeritus, effective July 1, 1985.

LOIS E. DICKEY, Department of Textiles and Clothing, with the title Chairperson and Professor Emeritus, effective July 1, 1985.

ROBERT E. CAMPBELL, Department of Psychology, with the title Professor Emeritus, effective July 1, 1985.

JACK H. CLINE, Department of Animal Science, with the title Professor Emeritus, effective July 1, 1985.

CHARLES D. DIESEM, Department of Veterinary Anatomy, with the title Professor Emeritus, effective July 1, 1985.

GERTRUDE C. KUEHEFUHS, School of Music, with the title Professor Emeritus, effective July 1, 1985.

MILTON A. LESSLER, Department of Physiology, with the title Professor Emeritus, effective July 1, 1985.

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

HERBERT S. LIVINGSTON, School of Music, with the title Professor Emeritus, effective July 1, 1985.

PHILIP A. MARKS, Department of Psychiatry, with the title Professor Emeritus, effective July 1, 1985.

HAROLD B. PEPINSKY, Department of Psychology, with the title Professor Emeritus, effective September 1, 1985.

June 7, 1985 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

GEORGE F. SHAMBAUGH, Department of Entomology, with the title Professor Emeritus, effective July 1, 1985.

RICHARD TETLEY-KARDOS, School of Music, with the title Professor Emeritus, effective July 1, 1985.

MARY R. TOLBERT, School of Music, with the title Professor Emeritus, effective September 1, 1985.

GEORGE R. WILSON, Department of Animal Science, with the title Professor Emeritus, effective May 1, 1985.

RICHARD F. WILSON, Department of Animal Science, with the title Professor Emeritus, effective July 1, 1985.

RICHARD D. CARR, College of Medicine, with the title Associate Professor Emeritus, effective July 1, 1985.

MILDRED B. MUNDAY, Department of English, with the title Associate Professor Emeritus, effective July 1, 1985.

PAUL P. FULLMER, Department of English, with the title Assistant Professor Emeritus, effective July 1, 1985.

JOAN E. HERR, Department of Human Nutrition and Food Management, with the title Assistant Professor Emeritus, effective July 1, 1985.

MARTHA E. PASSE, Department of English, with the title Assistant Professor Emeritus, effective July 1, 1985.

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

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RESOLUTIONS IN MEMORIAM

Resolution No. 85-139

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.

June 7, 1985 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Hazel H. Price

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 16, 1985, of Hazel Huston Price, Associate Professor Emeritus in the Department of Home Economics Education.

Dr. Price was born in Dayton, Ohio, on June 11, 1891. She received the Bachelor of Science degree from the University of Cincinnati in 1922. Her graduate work was completed at this University, earning the Master of Arts degree in 1928 and the Doctor of Philosophy degree in 1938.

Dr. Price's teaching and research were in the area of vocational home economics education. She was an elementary school teacher in Hamilton, Ohio, from 1908-1914; taught home economics in high school in Sycamore, Ohio, from 1916-18 and in Bremen, Ohio, from 1918-1919. She was an elementary and junior high school teacher in Bay City, Michigan, from 1919-1920.

She began her career at The Ohio State University as an Instructor supervising student teachers under direction of the State Department of Education in 1921. She was promoted to Assistant Professor in 1925 and attained the rank of Associate Professor in 1945. She completed experimental studies with Home Economics teachers throughout the state and studies for both junior and senior high school course of study for state cooperating teachers. She also represented the State Department of Education as State Adviser to FHA for a period of five years.

Dr. Price authored numerous articles for various publications and was co-author of a textbook, Home Economics Omnibus, published in 1935. She was an outstanding faculty member and her experience in teaching and supervision with advanced graduate work in education brought professional recognition in evaluation of home economics teaching. She retired on July 1, 1953, after forty years of teaching service.

Dr. Price held membership in Pi Lambda Theta, an education honorary, and in Omicron Nu, a home economics honorary.

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.

Charles A. Reese

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 17, 1985, of Charles A. Reese, Assistant Professor Emeritus in the Cooperative Extension Service.

Charles A. Reese was born on July 23, 1891, in Medina County, Ohio and attended Wadsworth High School. He received his B.S. degree from The Ohio State University in 1915 and took graduate work at Iowa State University. He

June 7, 1985 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Charles A. Reese (contd)

taught in the Medina Public School System and served as an entomologist in West Virginia, Florida, and Ohio before he became an apiculturist with the Ohio Cooperative Extension Service in 1947.

Mr. Reese watched the citrus industry grow and acted as an advisor in the early control of the Mediterranean fruit fly. He was an avid bird watcher and because of his work with bees, he was often promoting honey as a substitute for sugar. Upon his retirement in 1961, he was named Assistant 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.

Norman O. Rothermich

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 5, 1985, of Norman O. Rothermich, Clinical Professor Emeritus in the Department of Medicine.

Dr. Rothermich was born in 1912 in St. Louis, Missouri. He took his B.S. in Biochemistry from St. Louis University in 1934 and his M.D. in 1936. Dr. Rothermich joined the faculty of The Ohio State University in 1941 as a Clinical Instructor in the Department of Medicine. Upon his return to the University in 1946, after serving as a Major in the United States Army, Dr. Rothermich founded the Division of Rheumatic Diseases. He remained director of that division until 1959. Some of Dr. Rothermich's more notable accomplishments during that period include the founding of The Central Ohio Chapter of the Arthritis Foundation and The Ohio Rheumatism Society, for which he later served as President.

Dr. Rothermich actively involved himself in the teaching and research of rheumatic diseases and authored numerous publications and books related to that subject. He served on the U.S. Food and Drug Administration's Arthritis Advisory and Guidelines Committees. At the time of his death, Dr. Rothermich served as Medical Director to the Columbus Medical Research Foundation and held the title of Clinical Professor Emeritus at The Ohio State University.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Rothermich its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss that the family, the University and his many friends and associates have sustained.

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

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June 7, 1985 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 85-140

Synopsis: The reports on contracts, grants, and gifts and the summary for April 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 April 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 APRIL 1985

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	84	\$6,052,530.83
Engineering Experiment Station	42	\$ 351,867.00
		\$6,404,397.83
The Ohio State University Development Fund		
Establishment of Named Funds		
Leonard J. Immke, Jr. and Charlotte L. Immke Chair in Cancer Research Fund (Support researcher in cancer research)		\$ 244,125.00
Hubert Harder Memorial Scholarship Fund (Scholarships - Colleges of the Arts and Sciences)		\$ 25,000.00
The Mary A. Metzger Stroke Fund (Visiting professor - Department of Neurology)		\$ 12,513.00

June 7, 1985 meeting, Board of Trustees

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

SUMMARY FOR APRIL 1985 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

Wayne L. and Patricia P. Hays Scholarship Fund (Scholarship awards)	\$ 10,000.00
Ben and Dottie Marshall Scholarship Endowment (Scholarships - Agricultural Technical Institute)	\$ 10,000.00
The Student-Alumni Council Outstanding Freshman Scholarship Fund (Scholarships)	\$ 10,000.00
The Helen Tussing Creed Fund (Equipment for the College of Home Economics)	\$ 10,000.00
Theta Kappa Psi Cancer Research Institute Endowment Fund (Support cancer research)	\$ 7,275.00
Albert B. Davis Agricultural Scholarship Fund (Scholarships in Agricultural Education)	\$ 5,700.00
The Gladys M. Hillsman Fund (Awards, grants or scholarship - College of Nursing)	\$ 5,426.00
Nicholas D. and Evangeline Jonson Memorial Scholarship Fund (Scholarships)	\$ 5,025.00
The Honda of America Scholarship Fund (Scholarships to students of junior or senior standing)	\$ 5,000.00
The Michele K. Kindt Memorial Fund in Nursing (Scholarships in Family Studies)	\$ 5,000.00

June 7, 1985 meeting, Board of Trustees

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

SUMMARY FOR APRIL 1985 (contd)

The Ohio State University Development Fund (contd)

Report from Presidents Club

Members to date	4,841
1984-85 members: fiscal year to date	180
New members - April 1985	65

New Presidents Club Members - April 1985

Ruth N. Abramson	William H. Jackson
James M. Clinesmith	Vance Krites
Dale R. England, Jr.	Paul I. Kuppin
Brian L. Howell	Richard N. Larrimer
Robert M. Sherwood	Marc N. Loundy
John E. Tyrrell	John W. Mercer
Mrs. Tyrrell	James U. New, Jr.
Edwin E. Barker	Susan M. Pierce
Jack A. Baughn	Fred R. Price
Neil E. Benson	Thomas C. Redd
Otis H. Bowden II	Gregory S. Schaffer
Eldon D. Brown	Kathleen L. Seeds
James B. Clift	Jack E. Short
Don Cole	Mary H. Swan
Robert C. Cosgrove	Thomas G. Tuttle
Harvey T. Goerlitz	Elaine Warnett
Donald L. Gorman	Jane R. White
Derrill A. Hablitzel	Richard F. Hyldahl

Abex Corporation, Denison Div. (R. J. Burnett)
Accerleration Corporation (Brian Howell)
Archway Cookies, Inc. (Thomas F. Olin)
Armco, Inc., Armco Eastern Steel Division (Carl Butts)
Boich Mining Co. (Michael Boich)
Buchsieb Originals (Mark Buchsieb)
Buckeye Steel Castings (Joe Sparma)
Corroon & Black of Ohio, Inc. (Larry R. Thompson)
Chapel Electric Company (Fred Setzer, Jr.)
Complete General Construction (Lee A. Guzzo)
Drydock Coal Company (Mark Oakley)
Dave Ellies Industrial Design, Inc. (Dave Ellies)
Janitrol Aero Division (Reinhold H. Hollinger)
Johnson Manufacturing Co. (Charles F. Johnson)
Phillips Excavating Co., Inc. (Norman E. Phillips)
Plasco Safety Products (David Rittoff)
Rax Systems (J. Patrick Ross)

June 7, 1985 meeting, Board of Trustees

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

SUMMARY FOR APRIL 1985 (contd)

The Ohio State University Development Fund (contd)

New Presidents Club Members - April 1985 (contd)

Rose Chemical Products (Eldon L. Hall)
Ross Laboratories (William D. Smart)
Sabre Systems & Service (William L. Gunlock)
Scott Krauss News Agency (Ron Scherer)
Technical Rubber Company (Pauline C. Yost)
Texo Corporation (Robert Fisher)
Universal Electric Sales (George A. Ellis)
Universal Guaranty Life Ins. (Kenneth C. Mlekush)
Universal Marketing Co. (Mark I. Rosen)
Universal Metal Products (Thomas O. Dahlstrand)
Vulcan Tool Company (William R. Jenkins)
Wallick Construction Co. (Sanford Goldston)

June 7, 1985 meeting, Board of Trustees

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

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - April 1985

Federal Research Contracts/Grants

\$998,889.00 - 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), 16 January 1985 through 31 October 1985. (Project 764306 - Continuation)

\$449,725.00 - 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)

\$376,363.00 - International Development Cooperation Agency, Agency for International Development, Washington, DC, Bangladesh Rural Finance Project, Department of Agricultural Economics and Rural Sociology (R. L. Meyer and D. H. Graham), 1 October 1984 through 23 September 1986. (Project 763301 - Continuation)

\$218,522.00 - 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 1985 through 31 March 1986. (Project 764047 - Continuation)

\$168,963.00 - 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)

\$167,477.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Stereochemistry of Enzyme Reactions to Phosphorus, Department of Chemistry (M. D. Tsai), 1 July 1985 through 30 June 1986. (Project 762722 - Continuation)

\$159,285.00 - 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 1985 through 30 April 1986. (Project 763920 - Continuation)

June 7, 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)

\$153,780.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Biomedical Research Support Grant, Office of Research and Graduate Studies (T. L. Sweeney), 1 April 1985 through 31 March 1986. (Project 764748 - Continuation)

\$129,091.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, DC, Remediating Social Deficits in Peer Interactions: A Model Early Intervention Program, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 July 1985 through 30 June 1986. (Project 764269 - Continuation)

\$129,077.00 - 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 1985 through 31 March 1986. (Project 762623 - Continuation)

\$121,931.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Unsaturated Fatty Acids, Prostaglandins and Diabetes, Department of Physiological Chemistry (H. W. Sprecher), 1 April 1985 through 31 March 1986. (Project 760745 - Continuation)

\$106,401.00 - Department of Energy, Argonne, IL, Investigations of Ultrasonic Wave Interactions at Boundaries Separating Anisotropic Materials, Department of Welding Engineering (L. Adler), 1 April 1985 through 31 March 1986. (Project 764033 - New)

\$99,700.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Genetics of Myogenesis: Structure and Function, Department of Genetics (S. V. Falkenthal), 1 June 1985 through 31 May 1986. (Project 763993 - Continuation)

\$97,726.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Diazo, Triazeno, and Novel Heterocyclic Compounds, Department of Chemistry (H. Shechter), 1 April 1985 through 31 March 1986. (Project 762793 - Continuation)

\$95,000.00 - 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 1985 through 28 February 1986. (Project 763539 - Continuation)

June 7, 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)

\$89,755.00 - 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 1984 through 30 September 1985. (Project 764095 - Continuation)

\$83,838.00 - 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), 1 April 1985 through 31 March 1986. (Project 761809 - Continuation)

\$81,000.00 - 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 1985 through 31 March 1986. (Project 763051 - Continuation)

\$75,200.00 - National Science Foundation, Washington, DC, Chemistry of Metal-Carbon and Metal-Metal Bonds, Department of Chemistry (A. Wojcicki), 1 June 1985 through 31 May 1986. (Project 764673 - New)

\$73,567.00 - National Science Foundation, Washington, DC, Sedimentology of the Permian-Triassic Gondwana Sequence in the Central Transantarctic Mountains, Institute of Polar Studies and Department of Geology and Mineralogy (J. Collinson), 1 May 1985 through 30 April 1986. (Project 764678 - New)

\$72,055.00 - 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 1985 through 31 March 1986. (Project 763996 - Continuation)

\$67,268.00 - Department of Labor, Bureau of International Labor Affairs, Washington, DC, Bahamas Secondary Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 15 March 1985 through 30 June 1985. (Project 764648 - New)

\$62,987.00 - National Science Foundation, Washington, DC, A Study of the Influence of Sulfur Content and Ladle Refining Practices on the Susceptibility of Low Alloy Steels to Hydrogen Flaking, Department of Metallurgical Engineering (G. R. St. Pierre and S. S. Smailowska), 1 March 1985 through 28 February 1986. (Project 764029 - Continuation)

June 7, 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)

\$60,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, MD, Intercomparison of Different Space Geodetic Measurement and Computational Data, Department of Geodetic Science and Surveying (I. I. Mueller), 1 July 1985 through 30 June 1986. (Project 761054 - Continuation)

\$60,000.00 - National Science Foundation, Washington, DC, 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)

\$53,036.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, MD, Graduate Program in Hospital and Health Services Administration, College of Medicine - Administration (S. F. Loebs), 1 October 1985 through 30 September 1986. (Project 761329 - Continuation)

\$51,341.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Calcium and Calmodulin in Smooth Contraction, Department of Physiological Chemistry (J. D. Johnson), 1 July 1985 through 30 June 1986. (Project 764653 - New)

\$49,855.00 - National Aeronautics and Space Administration, Washington, DC, The Role of Acid and Calcium Gradients in Gravitropism, Department of Botany (M. L. Evans), 1 March 1985 through 28 February 1986. (Project 763005 - Continuation)

\$42,000.00 - National Science Foundation, Washington, DC, Mathematical Sciences: Investigations in the Theory of Orthogonal Polynomials, Department of Mathematics (P. Nevai), 1 July 1985 through 30 June 1986. (Project 764661 - New)

\$41,600.00 - National Science Foundation, Washington, DC, Separation and Detached Eddies in Rotating Stratified Flows, Department of Aeronautical and Astronautical Engineering (M. R. Foster), 15 April 1985 through 31 October 1986. (Project 764675 - New)

\$40,731.00 - National Science Foundation, Washington, DC, Comparative Motile Cell Ultrastructure and Phylogeny in the Green Algal Class Ulvophyceae, Department of Botany (G. L. Floyd), 1 July 1985 through 30 June 1986. (Project 763669 - Continuation)

\$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 1985 through 31 March 1986. (Project 764072 - Continuation)

June 7, 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)

\$32,167.00 - 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)

\$25,000.00 - 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 April 1985 through 14 November 1985. (Project 762009 - Continuation)

\$24,999.00 - 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 1985 through 31 March 1986. (Project 764662 - New)

\$20,648.00 - National Science Foundation, Washington, DC, Development and Application of Fully Symmetry-Adapted Electronic Structure Programs, Department of Chemistry (R. M. Pitzer), 1 January 1985 through 31 December 1985. (Project 763922 - Continuation)

\$19,640.00 - 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 - New)

\$19,350.00 - National Science Foundation, Washington, DC, Mathematical Sciences: Problems Related to Graph Well-Quasi Ordering, Department of Mathematics (G. N. Robertson), 1 July 1985 through 30 June 1986. (Project 764642 - New)

\$11,900.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, MD, Traineeships, Graduate Health Administration Program (Formula), College of Medicine - Administration (S. F. Loeb), 1 July 1985 through 30 June 1986. (Project 764664 - Continuation)

\$11,455.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, The Transformation from Cone to Channel Sensitivities, Departments of Zoology, Biochemistry and Microbiology (C. R. Ingling, Jr.), 1 March 1985 through 28 February 1986. (Project 761926 - Continuation)

June 7, 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)

\$10,859.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, MD, Biomedical Research Support Grant, College of Dentistry (W. R. Wallace), 1 April 1985 through 31 March 1986. (Project 764652 - New)

\$5,000.00 - Department of Agriculture, Forest Service, Hamden, CT, Isozyme Genetics of American Beech in Relation to Resistance or Susceptibility to Beech Bark Disease - Phase II, Department of Natural Resources - OARDC (D. B. Houston), 1 April 1985 through 1 July 1986. (Project 764674 - Continuation)

\$2,029.00 - 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 1984 through 30 June 1985. (Project 761169 - Continuation)

\$2,000.00 - National Foundation of Arts and Humanities, National Endowment for the Humanities, Washington, DC, War and Peace: The Novel as a Total Experience, Department of Slavic and East European Languages and Literatures (F. R. Silbajoris), 1 October 1984 through 30 June 1985. (Project 763880 - Continuation)

Computer Time - National Science Foundation, Washington, DC, A Proposal for Cray Supercomputer Time, Department of Geodetic Science and Surveying (R. Rapp), 15 March 1985 through 31 March 1986. (Project 764650 - New)

Computer Time - National Science Foundation, Washington, DC, Numerical Studies in Lattice Gauge Theory, Department of Physics (J. Shigemitsu), 1 May 1985 through 30 April 1986. (Project 764676 - New)

TOTAL - FEDERAL AWARDS

\$4,696,210.00

State of Ohio Research Contracts/Grants

\$18,000.00 - State of Ohio, Department of Urban Affairs, Columbus, OH, An Assessment of Pre-Adjudicatory Home Detention as a Policy Alternative for Ohio's Juvenile Courts, School of Public Administration (C. R. Huff), 11 April 1985 through 30 September 1985. (Project 764677 - New)

\$7,604.00 - State of Ohio, Department of Development, Columbus, OH, Identify, Review, and Select Suitable Energy Conservation Instructional Materials for Use in Ohio Classrooms K-12, College of Education - Administration (J. J. Buffer), 1 April 1985 through 15 July 1985. (Project 764654 - New)

June 7, 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)

\$1,000.00 - State of Ohio, The Ohio Humanities Council, Columbus, OH, Literature, the Arts and Democracy: Spain in the Eighties, Department of Romance Languages and Literatures (S. Amell), 14 March 1985 through 5 November 1985. (Project 764646 - New)

\$100.00 - State of Ohio, Ohio Arts Council, Columbus, OH, Consumer Behavior in the Performing Arts, College of The Arts - Administration (A. J. Broekema), 29 March 1985 through 30 March 1985. (Project 764670 - New)

\$100.00 - State of Ohio, Ohio Arts Council, Columbus, OH, Consumer Behavior in the Performing Arts, College of The Arts - Administration (A. J. Broekema), 29 March 1985 through 30 March 1985. (Project 764668 - New)

TOTAL - STATE OF OHIO AWARDS

\$ 26,804.00

Industrial Research Contracts/Grants

\$398,933.00 - W. R. Grace and Company, Columbia, MD, Protection Studies of Transmissible Gastroenteritis (TGE) Virus Subunit Vaccines in Swine, Department of Food Animal Health Research Program - OARDC (L. J. Saif), 1 April 1985 through 31 March 1987. (Project 764651 - New)

\$170,313.00 - Bell & Howell Corporation, Wooster, OH, Expanding COIN Usage, The National Center for Research in Vocational Education (R. E. Taylor), 1 March 1985 through 28 February 1986. (Project 764663 - Continuation)

\$164,145.00 - Merrell Dow Pharmaceuticals, Inc., Cincinnati, OH, A Double-Blind Comparison Study of MDL 17,043 and Placebo in Patients with Mild to Moderately Severe Heart Failure, Department of Medicine (C. V. Leier), 1 March 1985 through 28 February 1987. (Project 764679 - New)

\$80,000.00 - The Proctor and Gamble Company, Cincinnati, OH, Evaluation of Guaifenesin Used in Treatment of the Common Cold, Department of Medicine (J. E. Gadek), 12 March 1985 through 1 July 1985. (Project 764638 - New)

\$70,738.00 - Rosemount Inc., Burnsville, MN, Avionics Assembly Scattering Study, Department of Electrical Engineering, Electro-Science Laboratory (J. D. Young), 1 April 1985 through 30 September 1985. (Project 764643 - New)

June 7, 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)

\$49,761.00 - The Standard Oil Company (Ohio), Cleveland, OH, Determination of the Potential Yield Limiting Factors of Soybeans Using SOYMOD/OARDC², Department of Agricultural Engineering - OARDC (R. B. Curry), 15 April 1984 through 15 April 1986. (Project 764063 - Continuation)

\$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) and University Health Service (D. I. Charles), 1 January 1985 through 31 July 1985. (Project 764645 - New)

\$34,295.00 - Rockwell International Corp., Los Angeles, CA, Analysis of Reflections in the Forward Sector Due to Edges of Bodies, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters, Jr.), 18 March 1985 through 17 May 1985. (Project 764660 - New)

\$32,800.00 - Rosemount Inc., Burnsville, MN, Optimum Frequency and Aspect Sampling for Object Radar Scattering Mechanism Determination, Department of Electrical Engineering, ElectroScience Laboratory (J. D. Young), 1 April 1985 through 31 December 1985. (Project 764644 - New)

\$27,563.00 - Edison Welding Institute, Columbus, OH, Center for Welding Education, Department of Educational Policy and Leadership (J. E. Sage), 1 January 1985 through 30 June 1985. (Project 764579 - Continuation)

\$11,900.00 - Bell and Howell Corporation, Wooster, OH, Career Guidance Competency-Based Module Repackaging, The National Center for Research in Vocational Education (R. E. Taylor), 15 March 1985 through 30 August 1985. (Project 764649 - New)

\$11,098.00 - Atrium Medical Corporation, Amherst, NH, Evaluation of Synthetic Vascular Graft, Department of Surgery (P. S. Vaccaro), 1 February 1985 through 30 September 1985. (Project 764641 - New)

\$9,640.00 - Edison Welding Institute, Columbus, OH, Administration of the Center for Welding Education, Department of Educational Policy and Leadership (J. E. Sage), 1 January 1985 through 30 June 1985. (Project 764588 - Continuation)

June 7, 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)

\$4,918.00 - Miles Pharmaceutical, West Haven, CT, Prospective, Controlled, Nonblind, Randomized Study Comparing the Efficacy and Safety of Ciprofloxacin with Other Appropriate Antibiotics in the Treatment of Osteomyelitis Caused by Gram-Negative Bacilli, Department of Medicine (R. J. Fass), 1 September 1983 through 31 March 1986. (Project 763852 - Continuation)

\$4,918.00 - Miles Pharmaceutical, West Haven, CT, Prospective, Open, Noncomparative Study of the Efficacy and Safety of Ciprofloxacin in the Treatment of Osteomyelitis Caused by Gram-Negative Bacilli, Department of Medicine (R. J. Fass), 1 September 1983 through 31 March 1986. (Project 763852 - Continuation)

Equipment Grant - Tandy Corporation, Fort Worth, TX, Managing Instruction in a Simulated Clinical Laboratory Using Microcomputers, School of Allied Medical Professions (J. R. Snyder), 1 April 1985 through 31 March 1986. (Project 764639 - New)

TOTAL - INDUSTRIAL AWARDS

\$1,117,802.00

Other Non-Federal Research Contracts/Grants

\$62,000.00 - Virginia Polytechnic Institute and State University, Blacksburg, VA, The Chemical Architecture of Molecular Ferromagnets, Department of Chemistry (D. H. Busch), 1 April 1985 through 15 June 1986. (Project 763742 - Continuation)

\$33,000.00 - American Heart Association, Dallas, TX, Hypothalamic Neuronal Sensitivity in Hypertensive Rats, Department of Physiology (J. A. Boulant), 1 September 1985 through 31 August 1986. (Project 764156 - Continuation)

\$27,808.00 - American Otological Society, Inc., New York, NY, Otosclerosis: Ultrastructural Histochemical and X-Ray Microanalysis, Department of Otolaryngology (D. J. Lim), 1 July 1985 through 30 June 1986. (Project 764669 - Continuation)

\$15,000.00 - North Texas State University, Denton, TX, The Adaptation and Pilot Testing of a Pre-Service Version of ICDM, The National Center for Research in Vocational Education (R. E. Taylor), 1 April 1985 through 31 August 1985. (Project 763418 - Continuation)

\$14,175.00 - Upper Arlington City Schools, Upper Arlington, OH, Upper Arlington Career Education Intern Project, Department of Educational Theory and Practice (J. J. Quaranta), 3 January 1985 through 7 June 1985. (Project 764655 - Continuation)

June 7, 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)

\$8,845.00 - Cancer Therapy and Research Center for the Southwest Oncology Group, San Antonio, TX, Gynecologic Cancer Pathology Subcommittee, Department of Pathology (R. V. O'Toole), 1 February 1985 through 31 August 1985. (Project 764004 - Continuation)

\$8,438.00 - Franklin County Board of Mental Retardation and Developmental Disabilities, Columbus, OH, Community Worker Project, Nisonger Center for Mental Retardation (M. J. Guralnick), 17 October 1984 through 30 September 1986. (Project 763174 - Continuation)

\$7,098.00 - University of New Hampshire, Durham, NH, Screening Experimental Iodine Water Purification Compounds, Department of Civil Engineering (A. J. Rubin), 1 April 1985 through 24 August 1985. (Project 763948 - Continuation)

\$6,492.23 - Public Utilities Nova Scotia, Halifax, Nova Scotia, A Proposal to Assist the Board of Commissioners of Public Utilities of Nova Scotia in Analyzing Accounting Aspects of Providing Customer Premises Equipment through a Separate Division, National Regulatory Research Institute (D. N. Jones), 1 December 1984 through 30 April 1985. (Project 764667 - New)

\$4,920.00 - National Council of Teachers of English, Urbana, IL, Children's Understanding of Writing Functions: A Development Perspective, Marion Campus and Department of Educational Theory and Practice (E. Freeman), 1 September 1985 through 31 August 1986. (Project 764666 - New)

\$4,000.00 - Franklin County Board of Mental Retardation and Developmental Disabilities, Columbus, OH, Referral Service, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 January 1985 through 31 December 1985. (Project 764647 - New)

\$3,940.00 - University of Minnesota, St. Paul, MN, Text Processing Strategies of Native and Beginning Non-Native Readers in Secondary School and University in French and German, Department of Educational Theory and Practice (E. B. Bernhardt), 15 September 1984 through 14 September 1985. (Project 764640 - New)

\$3,750.00 - National Cancer Cytology Center, Plainview, NY, An in Vivo Model for the Inductive Chemotherapy of Hairy Cell Leukemia, Department of Pathology (R. F. Barth and W. C. Hooper), 1 March 1985 through 31 May 1985. (Project 763469 - Continuation)

June 7, 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)

\$3,550.00 - National Council of Teachers of English, Urbana, IL, A Comparison of Young First and Second Language Learners In-Depth Knowledge of Vocabulary, Department of Educational Theory and Practice (V. Allen and J. B. Zutell), 1 July 1985 through 30 June 1986. (Project 764665 - New)

\$3,414.60 - National Council of Teachers of English, Urbana, IL, Literacy Development through Home and School Computing, Mansfield Campus and Department of Educational Theory and Practice (A. E. Dittmer and L. G. Johnson), 1 May 1985 through 31 August 1985. (Project 764657 - New)

\$3,000.00 - University of Pittsburgh, Pittsburgh, PA, The Treatment of Primary Breast Cancer, Department of Surgery (W. B. Farrar), 1 February 1984 through 31 January 1985. (Project 763659 - Continuation)

\$2,284.00 - 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 1984 through 30 June 1985. (Project 764287 - Continuation)

TOTAL - OTHER NON-FEDERAL AWARDS

\$ 211,714.83

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$153,841.00 - from 27 sponsors of 36 development projects under the direction of five departments in the College of Engineering.

\$110,000.00 - Edison Welding Institute, Columbus, OH, "EWI Research Supplement," Center for Welding Research, Department of Welding Engineering, 1 April 1985 through 30 June 1985. (529590)

\$25,013.00 - Sandia National Laboratories, Albuquerque, NM, "Development of Novel Protective Coatings for Steel," Department of Metallurgical Engineering, 1 February 1985 through 31 August 1985. (529675)

\$25,013.00 - Sandia National Laboratories, Albuquerque, NM, "Determination of the Factors Controlling Hydrogen Absorption into Metal," Department of Metallurgical Engineering, 1 March 1985 through 31 August 1985. (529676)

\$20,000.00 - Plaskolite Inc., Columbus, OH, "Computer Modeling and Control of Acrylic Sheet Extrusion," Department of Chemical Engineering, 12 December 1984 through 30 December 1985. (529668)

June 7, 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)

\$10,000.00 - Babcock and Wilcox Company, Alliance, OH, "Bacterial Modification in the Selective Flotation of Coal from Pyrite," Department of Metallurgical Engineering, Mining Engineering Division, 1 April 1985 through 30 September 1985. (529673)

\$8,000.00 - The Ohio State University Physical Plant, "Study of Energy Conservation for University Buildings - Program 4244, Ext. 19," Department of Mechanical Engineering, 10 April 1985 through 31 May 1985. (529008, Ext. 19)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 351,867.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

Leonard J. Immke, Jr. and Charlotte L. Immke
Chair in Cancer Research Fund

The Leonard J. Immke, Jr. and Charlotte L. Immke Chair in Cancer Research Fund was established June 7, 1985, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Leonard J. Immke, Jr. and Charlotte L. Immke, 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 and additional gifts will be added to the principal until such time as the principal reaches \$1,250,000. At that time, the annual income shall be used to support the work of a distinguished researcher in the area of cancer research in The Ohio State University Cancer Research Institute. 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.

Hubert Harder Memorial Scholarship Fund

The Hubert Harder Memorial Scholarship Fund was established June 7, 1985, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Dr. and Mrs. Sigismund L. Harder,

June 7, 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)

Hubert Harder Memorial Scholarship Fund (contd)

Gallipolis, Ohio, in memory of their son, Hubert Harder, who was a graduate student at The Ohio State University working toward his Ph.D. in Physiological Chemistry.

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 assist graduates of Gallia Academy High School, Gallipolis, Ohio, with their education in the Colleges of the Arts and Sciences at The Ohio State University. Selection of the award recipients shall be made by the University Committee on Student Financial Aid, in consultation with the respective Deans in the Colleges of Biological Sciences, Humanities, Mathematical and Physical Sciences, Social and Behavioral Sciences and The Arts, and upon the recommendation of the Hubert Harder Scholarship Committee, Gallia County, Ohio. If there are no eligible students from Gallia Academy High School in any given year, then the income shall be added to the principal.

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 Colleges of the Arts and Sciences.

The Mary A. Metzger Stroke Fund

The Mary A. Metzger Stroke Fund was established June 7, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Paul S. Metzger, M.D. '48, and friends in memory of Mary A. Metzger.

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 income shall be used to provide a visiting professor's expenses and honorarium to the Department of Neurology on a periodic basis and to assist in other expenditures related to the study and research on stroke as determined by the Chairperson of the Department of Neurology.

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 directly responsible for the College of Medicine.

June 7, 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)

Wayne L. and Patricia P. Hays Scholarship Fund

The Wayne L. and Patricia P. Hays Scholarship Fund was established June 7, 1985, by the Board of Trustees of The Ohio State University with an initial gift to The Ohio State University Development Fund from Wayne L. (B.S.Ed. '33) and Patricia P. Hays, Belmont, 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 for scholarship awards to students from Belmont, Carroll, Columbiana, Guernsey, Harrison, Jefferson, Monroe, Noble or Tuscarawas Counties whose majors are in history, political science, education or cancer research. 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 aids.

Ben and Dottie Marshall Scholarship Endowment

The Ben and Dottie Marshall Scholarship Endowment was established June 7, 1985, by the Board of Trustees of The Ohio State University with gifts to the Office of University Development from Mr. Ben Marshall (deceased) and Mrs. Dottie Marshall.

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 award a scholarship(s) to a student(s) who has demonstrated need, ambition and good citizenship. This student would be a continuing student at the Agricultural Technical Institute in Wooster. Selection of the award recipient(s) is to be made by the University Committee on Student Financial Aid in consultation with the Director of the Agricultural Technical Institute, the Assistant Director for Institutional Services and the Assistant Director for Student Services at the Agricultural Technical Institute.

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 Agricultural Technical Institute.

June 7, 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 Student-Alumni Council Outstanding Freshman Scholarship Fund

The Student-Alumni Council Outstanding Freshman Scholarship Fund was established June 7, 1985, by the Board of Trustees of The Ohio State University with gifts to the Office of University Development from the Student-Alumni Council (SAC) 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 award scholarships to first-year freshman students at The Ohio State University who were not previously enrolled at The Ohio State University or any other university for more than three quarters. The number of awards to be given and the amount of each award will be determined each year by the Student-Alumni Council scholarship committee. Each award will be used by the recipients for their sophomore year. If the earned income is insufficient in any given year to meet the award stipends, then the difference will be paid by the Student-Alumni Council. Should the earned income be greater, however, then the balance shall be added to the fund's principal.

Scholarship applicants will be interviewed by the Scholarship Interview Board comprised of the Treasurer, an Executive Board member and general member of the Student-Alumni Council, a representative of The Ohio State University Alumni Association and a member of the University's faculty. Scholarship recipients will be selected on the basis of academic achievement, service and leadership who are not currently or past members of the Student-Alumni Council. The Student-Alumni Council will recommend to the University Committee on Student Financial Aid those applicants who meet the above criteria for final approval.

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 responsible for student financial aid.

The Helen Tussing Creed Fund

The Helen Tussing Creed Fund was established June 7, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Helen Tussing Creed, B.S.H.E. '44, Millersport, 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.

June 7, 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 Helen Tussing Creed Fund (contd)

The annual income shall be used to provide equipment for the College of Home Economics. Funds will be allocated upon the approval of the Dean of the College of Home Economics.

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.

**Theta Kappa Psi Cancer Research
Institute Endowment Fund**

The Theta Kappa Psi Cancer Research Institute Endowment Fund was established June 7, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Theta Kappa Psi Medical Society.

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.

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.

Albert B. Davis Agricultural Scholarship Fund

The Albert B. Davis Agricultural Scholarship Fund was established June 7, 1985, by the Board of Trustees of The Ohio State University with gifts to the Office of University Development from the family of Albert Bartlett Davis, B.S. '27, M.S. '31, Agriculture, 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.

June 7, 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)

Albert B. Davis Agricultural Scholarship Fund (contd)

The annual income shall be used to provide scholarships to undergraduate students enrolled in Agricultural Education in the College of Agriculture who have a definite need for financial assistance. Preference shall be given to residents of Noble, Guernsey, Tuscarawas, Muskingum, Fairfield, Pickaway, and Washington Counties of Ohio. Selection of the award recipients is to be made by the University Committee on Student Financial Aid based upon the recommendations of the Agricultural Education Scholarship Committee, the Assistant Dean for Student Affairs of the College of Agriculture, and, insofar as possible, a member of the Davis family. Recipients may apply for renewal of this scholarship.

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.

The Gladys M. Hillsman Fund

The Gladys M. Hillsman Fund was established June 7, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from family, friends and colleagues as a living memorial to Gladys M. Hillsman to recognize the outstanding work of nurses with children who have disability due to mental illness and mental retardation.

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 in the College of Nursing as awards for Outstanding Contribution in the field of Children's Mental Health, as grants to fund research in the area of Children's Mental Health, or for scholarship aid to College of Nursing students. A Fund Committee comprised of Joseph and Edward Hillsman, Kathryn Peppe and Grayce Sills shall decide annually the area in which the award shall be made. If any of the persons named to this Committee are unable to serve, the Dean of the College of Nursing shall appoint appropriate persons to serve in that capacity. Selection of the scholarship recipients will be made by the University Committee on Student Financial Aid upon the recommendation of the College of Nursing Scholarship Committee in consultation with the Dean of the College of Nursing and the Fund Committee.

June 7, 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 Gladys M. Hillsman 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 nursing education.

Nicholas D. and Evangeline Jonson
Memorial Scholarship Fund

The Nicholas D. and Evangeline Jonson Memorial Scholarship Fund was established June 7, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Office of University Development from various persons making memorial gifts at the death of Evangeline Jonson, along with a major gift from George N. Jonson of Hamilton, 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 fund scholarship(s) for a graduating Senior(s) from Hamilton High School in Hamilton, Ohio, who has expressed an interest in studying the Humanities at The Ohio State University, Columbus, Ohio. Selection of the recipient(s) shall be made by the University Committee on Student Financial Aid upon the recommendation of a committee from Hamilton High School, appointed by the principal of said high school, in consultation with George N. Jonson of Hamilton, Ohio, or in the event of his demise or inability to serve, by a person chosen by him or his heirs.

The criteria to be considered in selecting the recipient(s) shall be as follows: (1) the recipient(s) shall have a 3 point average or higher; (2) by activities engaged in at Hamilton High School, the recipient(s) shall have demonstrated an interest in the Humanities; (3) eligibility shall not be limited to financial need; and (4) the recipient(s) shall have demonstrated good citizenship and leadership at Hamilton High School.

The scholarship(s) shall be for one year until the scholarship fund has grown to the level that the recipient(s) can continue on the scholarship past the first year.

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 at The Ohio State University.

June 7, 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 Honda of America Scholarship Fund

The Honda of America Scholarship Fund was established June 7, 1985, by the Board of Trustees of The Ohio State University with gifts to the Office of University Development from the Honda of America 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 award a scholarship(s) to a student(s) of junior or senior standing, in an engineering field related to the automobile or motorcycle industry, or the field of Japanese culture and politics, or other specific fields as identified by the Honda of America Foundation and approved by the Board of Trustees in future years. Selection of the award recipient(s) is to be made by the University Committee on Student Financial Aid, with notice of selection promptly provided to the Honda Foundation each year.

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 Michele K. Kindt Memorial Fund in Nursing

The Michele K. Kindt Memorial Fund in Nursing was established June 7, 1985, by the Board of Trustees of The Ohio State University with gifts from family and friends to The Ohio State University Development Fund in memory of Michele K. Kindt, M.S., Nursing, 1984.

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 awards to foster scholarship and research in the area of Family Studies. The selection shall be made by the University Committee on Student Financial Aid upon the recommendation of the College of Nursing Scholarship Committee and the Dean of the College of Nursing.

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 determined by the Board of Trustees, with preference being given to recommendations from Dean of the College.

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June 7, 1985 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECT/ENGINEER
UNIVERSITY AIRPORT RENOVATIONS, 1984-85**

Resolution No. 85-141

Synopsis: Authorization to employ an architectural/engineering firm is proposed.

WHEREAS The Ohio State University has obtained a grant for planning funds from the Federal Aviation Administration to provide 90% funding (\$43,499.70) for Airport Renovation Work consisting of constructing a parallel taxiway to runway 5-23, and constructing all lighting and guidance signs as required; and

WHEREAS the remaining 10% (\$4,833.30) of this project will be funded from University funds, for a total project cost for planning of \$48,333.00:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to select a qualified architectural/engineering firm for this project in conjunction with the Federal Aviation Administration and 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. Galbreath, 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. 85-142

Synopsis: Contracts have been awarded for the project 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 project:

**STADIUM SCHOLARSHIP DORMITORIES
REPAIR AND RENOVATION**

Description: This project involves repair and renovation to improve environmental and safety conditions and provide for handicapped accessibility and energy efficiency. Work is scheduled to begin after June 17, 1985, and be completed in phases between January 1986 and September 1986.

June 7, 1985 meeting, Board of Trustees

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

STADIUM SCHOLARSHIP DORMITORIES
REPAIR AND RENOVATION (contd)

General Contract

Date Received:	March 20, 1985
No. of Bids:	3
Low Bid:	\$3,342,614.00*+
High Bid:	\$3,675,200.00*
Estimate of Cost:	\$2,634,145.00*
Awarded to:	Sherman R. Smoot Co., Columbus, OH

Plumbing Contract

Date Received:	March 20, 1985
No. of Bids:	8
Low Bid:	\$ 426,300.00
High Bid:	\$ 506,900.00
Estimate of Cost:	\$ 536,057.00
Awarded to:	Radico Inc., Columbus, OH

HVAC Contract

Date Received:	March 20, 1985
No. of Bids:	6
Low Bid:	\$1,034,000.00
High Bid:	\$1,999,000.00
Estimate of Cost:	\$1,273,334.00
Awarded to:	A.T.F. Sheet Metal, Columbus, 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 1 per cent over the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code.

June 7, 1985 meeting, Board of Trustees

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

STADIUM SCHOLARSHIP DORMITORIES
REPAIR AND RENOVATION (contd)

Electrical Contract

Date Received:	March 20, 1985
No. of Bids:	4
Low Bid:	\$ 572,000.00*
High Bid:	\$ 675,200.00*
Estimate of Cost:	\$ 881,272.00*
Awarded to:	Meisner Electric, Inc., Columbus, OH
Total All Contracts:	\$5,374,914.00*
Total Contingency Allowance:	\$ 431,452.29 (which is 8 per cent of construction costs)
Total Project Cost:	\$6,445,000.00*
Funding:	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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AGREEMENT WITH THE OHIO BOARD OF REGENTS
FOR THE OPERATION OF THE UNIVERSITIES BUILDING
AT THE TRANSPORTATION RESEARCH CENTER OF OHIO

Resolution No. 85-143

Synopsis: Authorization to enter into a renewal agreement with the Ohio Board of Regents for the operation of the Universities Building at the Transportation Research Center of Ohio is requested.

June 7, 1985 meeting, Board of Trustees

**AGREEMENT WITH THE OHIO BOARD OF REGENTS
FOR THE OPERATION OF THE UNIVERSITIES BUILDING
AT THE TRANSPORTATION RESEARCH CENTER OF OHIO (contd)**

WHEREAS the Ohio Board of Regents has requested that The Ohio State University enter into an agreement with the Regents for the purpose of continuing the management of the Regents' Universities Building at the Transportation Research Center of Ohio for the benefit of all institutions of higher education in the State of Ohio; and

WHEREAS this agreement provides that The Ohio State University will be responsible for convening an Advisory Board comprised of deans of the engineering colleges of the State-assisted and private colleges in Ohio for the purpose of consulting on matters relating to control and management of this facility:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to enter into such an agreement with the Ohio Board of Regents for the operation of the Universities Building located at the Transportation Research Center of Ohio for the period July 1, 1985, through June 30, 1987.

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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BUDGET GUIDELINES FOR 1985-86

President Jennings made the following statement:

Let me begin today's review of the budget guidelines I am recommending for the future, by briefly reviewing the University budgets of the past. Overall, the past budgetary environment has been one of fiscal uncertainty due to a poor economic situation in Ohio, as well as nationally.

The usual fiscal cycle at Ohio State is discussion of guidelines at the May Board meeting, with final approval in June of the budget for the fiscal year beginning July 1. Last year, 1984, was the first year in recent memory that fit our normal pattern. Ohio's economy was stable, with all the advantages to Ohio State's situation that this implies. We knew the amount of our state support in keeping with our timetable.

Last year, we were able to set a budget in a spirit of optimism signaled by the achievement of fiscal stability. We took strides to enhance quality and we made substantial progress in improving accessibility by holding student tuition and fee increases to below the Regents' recommendations. We embarked on a new era of great promise, with the hope of accelerating our progress in the new biennium.

June 7, 1985 meeting, Board of Trustees

BUDGET GUIDELINES FOR 1985-86 (contd)

President Jennings: (contd)

Regrettably, Ohio State finds itself unable to follow up on the return to normal budget cycles. We have no budget for the new biennium from the General Assembly, and do not yet know what our state support will be.

However, the Executive Budget introduced to the House earlier this year was encouraging. It provided the first real increase in support of higher education since 1979. We were pleased not only with instructional subsidy recommendations that kept student fee increases to a rate below expected inflation, but also excited about new opportunities for progress in the Selective Excellence programs.

The Ohio House retained the vitally important instructional subsidy levels. But funding for what we believe are equally important research and quality initiatives under Selective Excellence was reduced by more than \$25 million. The cuts placed further limits on our potential for progress. The Executive Budget already had reduced the Regents' Selective Excellence recommendations. Even so, the overall increase was a major achievement. And we are very encouraged by Senator Eugene Watts' announcement that the Senate intends to fund the Instructional Subsidy and Selective Excellence at the original Executive Budget recommendations.

Of course, until a final budget is drafted by the conference committee and approved by the General Assembly, we must operate in an environment of uncertainty. In that context, we must continue to emphasize that a strong budget, passed in a timely fashion, is critical for Ohio's higher education community.

This is a time when Ohio should be clearly demonstrating foresight and leadership by investing in quality and enhancing access to higher education. It is Ohio's best opportunity to make great strides not only for individual Ohioans, but also for the long-term economic future of the state as a whole.

Ohio State has been a leader in working toward the twin goals of quality and accessibility. Through internal reallocations and special efforts on tuition, we have continued to do our share to put Ohio on the right path for the future. I do not intend for Ohio State to lose its forward momentum. Even though our progress and growth predictions must be limited by uncertainty at the state level, I plan to bring to this Board for approval at its July meeting, a 1985-86 budget.

It is vital that we support the efforts of our faculty and staff to sustain and build upon the achievements that Ohio State has made, particularly in the last year. With that in mind, I am today prepared to recommend for your approval 1985-86 budget guidelines for use in planning throughout the institution.

June 7, 1985 meeting, Board of Trustees

BUDGET GUIDELINES FOR 1985-86 (contd)

President Jennings: (contd)

These recommended guidelines have been developed after consultation with the University Senate Fiscal Committee as well as the Faculty Compensation and Benefits Committee. They are conservative, as they must be in the face of the unknowns regarding state support. And--as always--increases in salaries, equipment and library budgets, and support for the colleges' general operating and enhancement funds must be balanced against the equally important goal of keeping tuition as low as possible.

My recommended increase for Ohio State's student tuition and fees, effective Autumn Quarter 1985, is 4 percent. This is in line with the maximum under the House budget. However, to signal the University's resolve to continue doing our share, and provide further incentives for the General Assembly to consider improvements in accessibility on a statewide basis, I also want to make a further commitment.

If the level of support passed by the House and indicated in the Senate is at least maintained in the final budget, I recommend that Ohio State respond with no further increases in tuition for the second year of the biennium. Furthermore, if the final budget includes the additional \$66 million in instructional subsidy funding that I requested in my testimony before both the House and the Senate, the 4 percent increase for this year will be removed.

I also am recommending, as part of these guidelines for 1985-86, a commitment to hold all University rates and charges to an average increase of 4 percent. This is less than current estimates of inflation for the year.

In this context, I want to note the impressive achievements of University Hospitals' management. Their efforts to keep recommended increases to only 4 percent sets a rate significantly below the current national average increase in health care costs. Also, our residence and dining halls are recommending rate increases of less than 4 percent for the second year in a row.

On salary increases, I am today recommending guidelines of 3 percent for faculty and staff members and providing 3.5 percent in salary funds for merit increases. Additionally, central funds of up to one-half percent of salary budgets are recommended to be provided for promotions and market adjustments.

Support for our faculty and staff requires adequate equipment and supplies. We must continue our efforts to restore these college and office budgets, which were seriously depleted by cutbacks in past years. To make progress on restoration, I recommend 5.5 percent increases for the general expense budgets.

June 7, 1985 meeting, Board of Trustees

BUDGET GUIDELINES FOR 1985-86 (contd)

President Jennings: (contd)

Continuing our commitment to help ourselves, last year the deans and vice presidents were asked to define ways to reduce their total budgets by 3 percent, with these funds to be reallocated toward a renewed emphasis on academic excellence, and in support of vital new programs and service initiatives. The deans and vice presidents have done their part to implement efficiencies, improve cost containment, and reduce programs and services no longer needed or central to the University's mission.

We need to meet the challenge of enhancing quality throughout the University by internal reallocations, and maintain the momentum of the past year of fiscal stability. I strongly recommend that we not allow the current fiscal uncertainties to deter us from targeting \$7.5 million for excellence.

I also believe that we can and must do more to pursue excellence through our own efforts. Based on the recommendation of the University Senate Fiscal Committee, I propose that we maintain the pattern that was established so successfully last year, again asking each dean and vice president to target, over the next biennium, 2.5 percent more in selective budget reallocations.

In addition, I recommend that we again make available one-time funds to continue efforts to upgrade equipment, facilities and library holdings. However, this action must await firm knowledge on state funding for the biennium.

It is our hope that the General Assembly will enact a biennium budget in a timely manner, prior to July one. We have developed these recommendations on that expectation, and have projected a level of support at least equal to the House budget. In the interim, it is necessary for the Board to provide provisional expenditure authority. This authority would be based on the guidelines I have presented today, for the period of July first through the next Board meeting on July twelfth. At that time, we hope that a state budget will be in place and we can recommend a final budget for approval.

The 1985-86 University budget we expect to present in July will make every effort to build on the enhanced fiscal stability created during the past biennium. To do otherwise would have long-lasting detrimental effects, and seriously erode our renewed potential for great achievement. The Ohio State University community will do its part in the pursuit of excellence, and we trust that the General Assembly will support our efforts.

Thank you, Mr. Chairman. I will be happy to respond to any questions.

June 7, 1985 meeting, Board of Trustees

EXPENDITURE AUTHORIZATION 1985-86

Resolution No. 85-144

Synopsis: Authorization to make interim expenditures in Fiscal Year 1985-86 is requested.

WHEREAS levels of State financial support for 1985-86 have not yet been established; and

WHEREAS this University must proceed with its budget planning for 1985-86 even with the current uncertainties in State revenues; and

WHEREAS it is necessary to authorize expenditures for 1985-86 to be effective July 1, 1985, including payment of faculty and staff, prior to the time that this Board adopts the Current Funds Budget for 1985-86:

NOW THEREFORE

BE IT RESOLVED, That the University be authorized to make expenditures consistent with the budget guidelines and the Provisional Current Funds Budget for Fiscal Year 1985-86, as described in the accompanying text and tables, effective July 1, 1985; and

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

BE IT FURTHER RESOLVED, That the President will present as soon as possible to the Board of Trustees the final version of the Current Funds Budget for 1985-86 with adjustments as may be necessary as a result of the final actions of the General Assembly and Governor of the State of Ohio.

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

**STATEMENT OF BUDGET GUIDELINES/PRINCIPLES
FOR 1985-86**

I. INTRODUCTION

While in presenting the 1984-85 budget to this Board for approval a year ago, much was made of the positive impact of the return to fiscal stability, it appears that such stability may be short lived. Even with the relatively stable economic situation in Ohio, we must again bring to this Board a provisional budget without knowing the amount of State support which will be provided for fiscal year 1985-86. The House has passed its budget recommendations, but the Senate is continuing its deliberations.

During this period of uncertainty, every effort must be made not to lose the positive momentum that The Ohio State University has achieved in spite of the severe budget cuts imposed since 1981. Therefore, it is important that this University proceed now to implement a provisional budget for 1985-86 which

June 7, 1985 meeting, Board of Trustees

STATEMENT OF BUDGET GUIDELINES/PRINCIPLES
FOR 1985-86 (contd)

will enable our faculty and staff to continue uninterrupted with their excellent teaching, research and service activities. These recommendations have been developed after consideration of the recommendations of the University Senate Fiscal Advisory and Faculty Compensation and Benefits Committees, deans and vice presidents.

To proceed at this time entails risk and makes use of internal reallocations to provide the necessary resources, while not placing an undue burden on our students with extraordinary tuition increases. The reallocations were initiated a year ago with the 3 percent reduction in base expenditure budgets for all colleges and offices to be effective as of 30 June, 1985. The risk will be the fiscal impact on the second year of the biennium and the adjustments which may be necessary if at least the House levels of State support are not provided by the Senate.

II. SOURCES OF FUNDS

The Provisional Current Funds Budget for 1985-86 includes funding sources which total \$826,420,000, as detailed in the schedule of Sources of Income to Support the 1985-86 Provisional Budget. This amount includes, based upon the House passed budget legislation, State support totaling \$266,850,000, which represents 32.2 percent of the total resource budgeted. Other major funding sources include student tuitions providing 15.3 percent, earnings operations generating 32.2 percent, Federal grants and contracts 11.4 percent, and private gifts and grants plus endowment income totaling 5.3 percent.

While student access remains a high priority for The Ohio State University, the continued uncertainties in State support will require student tuition increases for all levels at the rate of 4 percent. The new tuition rates recommended to be effective Autumn Quarter, 1985, are shown in the Student Fee Schedule. While this 4 percent increase returns student tuition increases to less than the projected rate of inflation, it does not yet enable this University to make the desired progress in reducing the student's cost of their education in Ohio. While Ohio State continues to keep student tuition below the Board of Regents projections, further efforts are needed. Therefore, if the State support is maintained at least at the House passed budget levels, Ohio State will keep student tuitions at these new rates throughout the biennium.

Continuing prior year's efforts to manage increases in all fees and charges of the University, the average University-wide increase will be held to 4 percent. It should be noted that University Hospitals continues its leadership role in the containment of health care costs by setting hospital rate increases to an average of only 4 percent. In addition, the Residence and Dining Halls have for the second year in a row kept their average rate increases below inflation levels. This year's average is only 3.8 percent.

The other income components of the 1985-86 Provisional Current Funds Budget are in line with expected growth from 1984-85 expected revenues. The projected revenues for 1984-85 show a decrease of \$7 million, which is less than 1 percent below the original budget approved by this Board on 7 June, 1984. The majority of this difference results from lower than projected

June 7, 1985 meeting, Board of Trustees

STATEMENT OF BUDGET GUIDELINES/PRINCIPLES
FOR 1985-86 (contd)

occupancy levels at University Hospitals. 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 Provisional Budgeted Expenditures for Fiscal Year 1985-86 and the supporting documents, this University's current fund expenditures total \$824,170,000. These planned expenditures will support the following budget planning guidelines.

- * Increase faculty and administrative/professional staff salaries by 3 percent and provide 3.5 percent in salary funds for merit increases plus 0.5 percent for promotions and market adjustments.
- * Fund salary increases for the recently negotiated wage settlements.
- * Increase general expense budgets by 5.5 percent for colleges and offices.
- * Provide funding to maintain the purchasing power of University-funded student financial aid plus \$7.5 million to address special critical needs including providing adequate instructional staffs, support for continued efforts to enhance excellence and quality, and assist in implementing program changes as well as cost containment efforts.
- * Provide resources to meet mandatory General Fund cost increases, such as utilities (\$830 thousand) and employee benefits (\$1.4 million).

Every effort will be made to again provide one-time funds for equipment replacement facilities renovations and the acquisition of library materials to continue to improve the quality of these necessary support resources. If resources permit, when the State budget is known, a specific allocation for one-time equipment renovations and libraries funds will be recommended for 1985-86.

These expenditures can be realized within the House approved support, 3 percent internal reallocations initiated during 1984-85 and the 4 percent student tuition increase. While we hope that the Senate actions will provide additional State support, these expenditure plans for 1985-86 are expected to remain as presented with appropriate adjustments to be made in the second year of the biennium, 1986-87. Once the final state budget is known, we will bring an adjusted budget recommendation to this Board for your consideration.

June 7, 1985 meeting, Board of Trustees

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

	1984-85 Budget <u>July 7, 1984</u>	1984-85 Revised Estimate	1985-86 Provisional Budget
Columbus Campus			
State Appropriations	\$ 207.98	\$ 209.24	\$ 240.41
Student Fees	116.50	116.68	120.14
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	37.17
Endowment Income	7.18	6.51	6.77
Departmental Sales & Services	17.28	19.83	20.43
Auxiliary Sales & Services	66.69	66.83	69.52
Hospital Sales & Services	171.69	162.80	165.43
Other Sources	15.84	16.85	15.83
Subtotal Other Income	\$ 415.14	\$ 406.63	\$ 417.89
Total Columbus Campus	\$ 739.62	\$ 732.55	\$ 778.43
Regional Campuses			
State Appropriations	\$ 7.06	\$ 7.20	\$ 8.24
Student Fees	6.63	6.19	6.66
Other Income	2.85	3.18	3.08
Total Regional Campuses	\$ 16.54	\$ 16.57	\$ 17.98
OARDC			
State Appropriations	\$ 14.36	\$ 14.36	\$ 18.20
Federal Appropriations & Grants	5.18	6.97	7.89
Other Income	5.42	3.76	3.92
Total OARDC	\$ 24.96	\$ 25.09	\$ 30.01
Total All Campuses	\$ 781.12	\$ 774.21	\$ 826.42
Total University Summary			
State Appropriations	\$ 229.40	\$ 230.80	\$ 266.85
Student Fees	123.13	122.87	126.80
Other Income	428.59	420.54	432.77
Grand Total Revenues	\$ 781.12	\$ 774.21	\$ 826.42

June 7, 1985 meeting, Board of Trustees

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

	1984-85 Budget <u>July 7, 1984</u>	1984-85 Revised <u>Estimate</u>	1985-86 Provisional <u>Budget</u>
Columbus Campus			
Educational & General	\$ 483.01	\$ 477.89	\$ 521.08
Auxiliary Enterprises			
Residence & Dining Halls	27.49	26.90	27.92
Intercollegiate Athletics	13.89	14.39	16.06
Other Auxiliaries	24.13	23.36	21.73
Total Auxiliaries	65.51	64.65	65.71
University Hospitals	181.64	170.85	177.50
Total Columbus	\$ 730.16	\$ 713.39	\$ 764.29
Mandatory Transfers	7.00	12.00	12.10
Total Columbus Campus	\$ 737.16	\$ 725.39	\$ 776.39
Regional Campuses			
Agricultural Technical Inst.	\$ 4.46	\$ 4.36	\$ 4.73
Lima Campus	3.17	3.36	3.53
Mansfield Campus	3.54	3.43	3.72
Marion Campus	2.37	2.30	2.58
Newark Campus	2.90	2.93	3.21
Total Regional Campuses	\$ 16.44	\$ 16.38	\$ 17.77
OARDC	\$ 24.96	\$ 25.09	\$ 30.01
Total All Campuses	\$ 778.56	\$ 766.86	\$ 824.17

June 7, 1985 meeting, Board of Trustees

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
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

June 7, 1985 meeting, Board of Trustees

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

June 7, 1985 meeting, Board of Trustees

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

June 7, 1985 meeting, Board of Trustees

EXPRESSION OF APPRECIATION TO DON CHRISTENSON

Resolution No. 85-145

WHEREAS Don Christenson has served as the first two-term President of the Council of Graduate Students; and

WHEREAS his leadership brought about many changes in the Council of Graduate Students that improved both the attendance and the level of participation of the delegates; and

WHEREAS his accomplishments as President include the adoption of the \$1.00 Check-off program, which enabled graduate students to financially support the Council of Graduate Students' budget; and vigorous lobbying efforts and letter writing campaigns to bring about a permanent tax exemption for student fee waivers; and

WHEREAS Don's resolve, dedication and support of this University has been evidenced in innumerable ways over these past two years:

NOW THEREFORE

BE IT RESOLVED, That this Board expresses to Don Christenson their thanks and appreciation for his dedicated leadership and service to The Ohio State University, and wishes him the very best in his new undertakings.

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

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EXPRESSION OF APPRECIATION TO TODD SHAVER

Resolution No. 85-146

WHEREAS Todd Shaver has been a member of the Freshman Senate for five years and is the first person to serve two terms as President of the Undergraduate Student Government at The Ohio State University; and

WHEREAS during this time Todd has played a major role in coordinating successful voter registration drives and was instrumental in encouraging student participation in Issues 2 and 3 on behalf of higher education; and

WHEREAS under his leadership, Undergraduate Student Government has developed many important programs to benefit the student body including the University's Crime Watch/Prevention Program which it plans to implement this coming Autumn Quarter; and

WHEREAS this Board recognizes that Todd has worked diligently and tirelessly in order to bring matters and concerns of special interest to students to the attention of this Board:

NOW THEREFORE

June 7, 1985 meeting, Board of Trustees

EXPRESSION OF APPRECIATION TO TODD SHAVER (contd)

BE IT RESOLVED, That this Board expresses to Todd Shaver its sincere appreciation and gratitude for his dedication and loyalty to this University and conveys to him its very best wishes for the future.

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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INVESTMENT POLICY

Resolution No. 85-147

President Jennings made the following statement:

This campus, like many others across the nation, has been engaged for the last several months in various activities led by our students intended to call attention to the situation in the Republic of South Africa. They have sought to give voice to our shared abhorrence of that nation's policy of apartheid.

As one part of that campus-wide debate, this Board has received the report of an advisory committee on South African investments. I appointed this committee of faculty, staff, and students several months ago, in response to specific student requests that we reconsider the University's investment policy, the issue on which campus-wide debate has focused.

With the committee's report in hand, and after many discussions with my staff, various members of the campus community, and my colleagues in universities around the nation, I am bringing to the Board a set of recommendations that strongly signal our opposition to apartheid, and our support for the human rights of the non-white peoples of South Africa.

I wish to make clear at the outset, on behalf of The Ohio State University community, and of this Board, that we stand united in opposition to the racist policies of the government of South Africa. The Republic of South Africa isolates itself in the international community as the only nation where racism is institutionalized by law, openly defended by its government, and enforced by officially sanctioned police and military action to establish and maintain an underclass of citizens based solely and exclusively on their racial heritage.

Apartheid is a racist system which has caused great suffering and is in conflict with our most deeply held core values of individual freedom and equality of opportunity, which are accepted as basic moral truths by this University and this nation. The Ohio State University unequivocally condemns apartheid as an unmitigated evil, and as a system which is morally, socially and economically bankrupt.

June 7, 1985 meeting, Board of Trustees

INVESTMENT POLICY (contd)

President Jennings: (contd)

In making these recommendations, it is important to acknowledge the argument that it is inappropriate for a public university to take political positions. Indeed, in the normal course of things, we conscientiously avoid doing so. This is generally an appropriate role for the University to assume. But this is not an issue that lends itself to normal procedures. I believe it is abundantly clear that the evil of apartheid transcends politics. And I believe The Ohio State University community is in agreement that a rare exception to our normal practices is clearly merited.

This is not to say that there are not many evils in this world, nor much human suffering and much systematic, as well as individual, deprivation of the rights that we in America have come to consider as basic entitlements of all people. But our inability to conquer all the ills of the world, or even all the ills of our own nation, does not absolve us of responsibility to respond to one particular evil that has become a primary societal concern.

Our shared abhorrence of apartheid, however, and agreement that a stand should be taken has not led us to an equally unanimous position on what that appropriate action might be to signify publicly our opposition to apartheid. It is significant, but not surprising, that the advisory committee members found agreement on specific policy recommendations out of reach.

I find the characterization, made by some, of this advisory committee as a representative democracy in which the majority is expected to rule, inconsistent with its structure and charge. But I submit that the committee's debate and report has provided a workable structure through which we have informed the campus community of the various points of view surrounding the question of an appropriate response to apartheid.

While we may not all concur on the efficacy of divestment as a tool for fighting apartheid, we should acknowledge that divestment is the primary symbol of concern to which many of our students have tended to limit their public statements and demonstrations. The same is true across the nation. It is, therefore, appropriate that investment policy figure in our response to these concerns.

We must note that the primary source of the committee members' disagreement was not about divestment itself, but rather what form divestment should take. However, it also is important that the symbolism of divestment not be Ohio State's only response.

The Ohio State University, a part of the honored land-grant tradition, is expected to be a force for the social good, reflecting the philosophy of public higher education under which the land-grant universities were established in this nation. It is incumbent upon us to recognize the appropriateness of serving these ideals where and

June 7, 1985 meeting, Board of Trustees

INVESTMENT POLICY (contd)

President Jennings: (contd)

how we can, in a manner consistent with our mission in society. And we must recognize our obligation to lead as well as to reflect society.

It is possible to perceive the linkage of the broad land-grant philosophy with a specific issue, such as apartheid, as assuming an activist role. But I believe action in this case, for the achievement of important ends for society, is not inconsistent with our broader obligations. Nor is it inconsistent to affirm that a public university should not receive benefit from practices that cause substantial societal harm. These precepts offer a structure of consistency within which Ohio State, as an educational institution, can respond to apartheid.

Efficacy is another point to be seriously considered. Not only is Ohio State's position as a stockholder relatively small, it also is several steps removed from any direct or discernible impact. The committee's analysis is sophisticated enough to recognize that this University's divestment is likely to have little or no economic effect on the firms that do business in South Africa.

The sale of a relatively minor amount of investments on a national stock exchange cannot be expected to have the desired impact on corporate management, let alone upon the government of South Africa. The far larger stockholders of multi-national corporations are state and local governments across the nation, individual Americans, and large pension funds, both publicly and privately managed ones.

Universities may not be the most substantial economic forces in the international marketplace. They are, however, the training grounds in which new thinking and new ideas are developed. We also are the home of our brightest young men and women, whose activism and commitment has proved more than once in the past to be the source of wise and necessary social action.

In a university environment, it is appropriate for our students to come to us first for redress of their grievances--not only as they apply directly to the university itself, but in the larger context of society as a whole. Our obligation is to hear our students, and to respond to their concerns in appropriate ways.

We also must acknowledge that we are dealing less with economic realities than moral symbolism. In our obligation as a university to stand as an example, symbolism has an important function. It is a valid principle in the continuation of our American traditions of civil law and democratic governance, and it is appropriate for a university.

June 7, 1985 meeting, Board of Trustees

INVESTMENT POLICY (contd)

President Jennings: (contd)

With the principles of consistency and efficacy in mind, we have a clear obligation to seek out a range of actions appropriate to this University's mission that would protest governmental policies of institutionalized racism and improve the status of non-white South Africans. We have an obligation to go beyond the concept of divestment.

Indeed, divestiture in my view represents a real danger if it is construed as ending the University's obligation. Ohio State several years ago took a leadership position on the question of South Africa by adopting specific principles of corporate responsibility in our investment policy.

Our current investment policy already accepts a special obligation to monitor our involvement with companies doing business in South Africa by requiring adherence to the Sullivan Principles. Formulated in 1977 by the Reverend Leon Sullivan, a civil rights activist in Philadelphia and member of the General Motors Board of Directors, they were adopted in Ohio State's institutional investment policy by the Board of Trustees the following year. They state the following:

--Non-segregation of the races in all eating, comfort, and work facilities.

--Equal and fair employment practices for all employees, including non-discriminatory benefits and the right to join and form trade unions.

--Equal pay for equal or comparable work, including an adequate minimum wage.

--Initiation and development of training programs that will prepare substantial numbers of non-whites for supervisory, administrative, clerical, and technical jobs.

--Increasing the number of non-whites in management and supervisory positions.

--Improving the quality of employees' lives outside the work environment in such areas as housing, transportation, schooling, recreation, and health facilities.

In 1978, we shared with Howard University and Vassar and Amherst Colleges the distinction of being the first four institutions of higher education to take divestment action. We enforced our new Sullivan Principles standard through divestment valued at more than a quarter of a million dollars.

Since then, we have actively monitored corporate performance judged against the Sullivan Principles by the Arthur D. Little Company, and have used the reports of the Investor Responsibility Research

June 7, 1985 meeting, Board of Trustees

INVESTMENT POLICY (contd)

President Jennings: (contd)

Center, Inc., and other firms to guide our equity investments. In addition, the University regularly requests information on compliance from these companies and reviews numerous business and financial periodicals. This position is far ahead of virtually all of our sister academic institutions across the nation.

A count published May 22, 1985, in the Chronicle of Higher Education showed only forty institutions as having even partially divested. The overwhelming majority, the Chronicle reports, have taken no steps to end South Africa-related holdings--if they have examined the issue at all.

The Ohio State University can take pride in the fact that it has acted. But we have acted quietly. In the current climate of renewed attention to the situation in South Africa, I believe it behooves Ohio State, as one of the largest universities in the nation and as a land-grant university in particular, to begin to call attention to its leadership role and, further, to continue to set examples of what more might be accomplished.

I am today recommending the following actions designed to have a real impact on the status of non-whites in the Republic of South Africa:

--The establishment of scholarships for non-white South African undergraduate students, modeled after our highly successful Freshman Foundation program. This will both recognize the limitations on educational opportunities for some South Africans in their own nation, and benefit individuals by providing them with an opportunity to achieve a higher education at Ohio State.

For graduate students, Ohio State already participates in the South African Education Program coordinated by the International Institute for Education. Through this program, more than 200 non-white South Africans, selected by a committee in South Africa chaired by Bishop Desmond Tutu, are studying in the United States. Already, one Black South African student has graduated from this University under the S.A.E.P. program.

Ohio State currently is considering two applications under this program for admission to master's degree programs. If both applicants are qualified, both will be provided not only with fellowships, but also a monthly stipend to cover their travel and other expenses. This expanded support, and the additional fellowship, will be continued.

--Special recruitment efforts for visiting professors from the Republic of South Africa, including non-white South Africans and those members of the white minority who are working to end the government's offensive apartheid policies. We will seek to bring to our faculty distinguished individuals whose perspective and academic

June 7, 1985 meeting, Board of Trustees

INVESTMENT POLICY (contd)

President Jennings: (contd)

expertise will benefit the students, faculty, and staff of this University by virtue of their presence and involvement in our campus community.

This has, in fact, already begun--once again, quietly, and it is time to make public the extent of Ohio State's commitment demonstrated in various ways throughout the institution. Last fall, our College of Humanities extended an invitation to Bishop Desmond Tutu to serve as a Distinguished Visiting Professor for the 1985-86 academic year. His appointment as Bishop of Johannesburg had only been recently announced, which made it impossible for him to accept. But he has not ruled out a future acceptance and our offer remains open.

These are academic activities. The financial issue of our investment policy remains. There is an appropriate role available to us in which we can strongly signal our opposition to apartheid in the context of an educational institution. As a result of our stock ownership, Ohio State has a legitimate right and interest--indeed, an obligation--as a stockholder to involve itself in the management decisions of corporations.

As I have stated, our adoption of the Sullivan Principles of corporate responsibility in 1978 was at the time a leadership position in our role as a stockholder. Indeed, even among institutions which have adopted the Sullivan Principles frequently require only that a company have signed them.

Ohio State's monitoring is far more active. We require not only adherence to the Principles, but also evidence of achievement. Not every company that has signed has taken concrete steps to carry out the commitment, and not all are doing as much as they could. Ohio State requires visible evidence of good progress through the various reporting firms that monitor corporate activity in South Africa.

Beyond these Principles, additional calls for action have been outlined by Bishop Tutu. His 1983 statement of Principles asked companies to recognize non-white labor unions, enforce fair labor practices, freely hire non-white employees without regard to the South African laws that restrict the movement of Africans within the country, and invest heavily in education and training for non-whites--as the South African Education Program in which Ohio State participates has undertaken on an international scale.

More recently, the Reverend Sullivan issued a November 1984, amplification of his original Principles that calls for greater emphasis on the status of the non-white peoples of South Africa outside the workplace. These include:

--Use corporate influence to support the unrestricted rights of non-whites' businesses to locate in urban areas.

June 7, 1985 meeting, Board of Trustees

INVESTMENT POLICY (contd)

President Jennings: (contd)

--Influence South African companies to follow the standards of equal rights.

--Support freedom of mobility of non-white workers to seek employment wherever opportunities exist and make possible adequate housing for families in proximity of the workplace.

--Support the rescission of all apartheid laws.

Further, the Reverend Sullivan recently has demanded greater speed in creating an impact through corporate activism and last month called on the U.S. Congress to go beyond what private companies have the power to do. The proposed Anti-Apartheid Act of 1985, which incorporates many of his recommendations--a ban on new bank loans or credits to South Africa, a prohibition on new business investments, and an end to imports of gold krugerrands, among other actions--has received wide bi-partisan support in both Houses of Congress, and was passed by a wide margin in the U.S. House of Representatives on June 5.

Some of these new recommendations, provided to us by the Reverend Sullivan just last month, are within the power of corporate stockholders to carry out immediately--such as ending any involvement in sales of equipment or services to the military or police; and making no new investments in the equities of companies conducting business in South Africa.

I recommend that the University's investment policy incorporate fully all of the above--Bishop Tutu's 1983 recommendations, the Reverend Sullivan's new amplification of the Principles in November of 1984, and his call to action of May 1985, including a moratorium on new investments in the equities of companies doing business in South Africa.

The divestiture required by these initial actions is based on social responsibility principles appropriate to a public land-grant university. In a broader sense, as the advisory committee has pointed out, there is reason to undertake divestiture on strict financial grounds that may be as compelling as any other argument.

It is inevitable that the apartheid system must fall. This is only a matter of when and how, not if. The conduct demonstrated in the past by the white supremacist government gives us little hope that such change can be peaceful. Indeed, despite certain efforts by the current administration in South Africa to modify apartheid policies, the situation appears to be deteriorating.

June 7, 1985 meeting, Board of Trustees

INVESTMENT POLICY (contd)

President Jennings: (contd)

The University recognizes that an important indication of investment soundness is the quality and foresight of management. Continued involvement with a regime that is inherently unstable calls those indicators into doubt.

Therefore, beyond the freeze and strengthened corporate action principles, I further recommend that Ohio State's investment policy be based on the philosophy that, all other things being equal, it is appropriate and prudent not to be invested in companies doing business in South Africa, until apartheid is abolished. To ensure that our divestiture goal is maintained, I recommend a cap on total South Africa-related equities at 5 percent of the endowment, to be achieved by the end of the next fiscal year. In addition, we plan to lower this cap by one percent per year, over the next five years.

The first-year divestment required in implementing this series of recommendations will exceed \$3.3 million. This is estimated on a portfolio base of \$135.3 million. As of our December 31, 1984, full endowment inventory, we showed current holdings in the equities of companies doing business in South Africa valued at \$10.8 million, or 8 percent of the total portfolio.

In addition, since the time of our adoption of the Sullivan Principles in 1978, Ohio State has taken a position that it is possible and appropriate to vote stockholder proxies in a manner that supports corporate adherence to the Principles. But beyond this, we also have the right to initiate stockholder proposals.

I recommend that the University Treasurer be asked to undertake the formulation of stockholder proposals to encourage companies whose equities we hold to improve their records in South Africa. I also would ask that a report on those issues be made to the Board of Trustees on a periodic basis.

These actions, taken as a whole, establish a broad context in which a university takes effective action to oppose apartheid that is appropriate to its role as a corporate stockholder and consistent with its primary educational mission and long-term responsibility to the larger society we serve. All these educational and financial activities, taken together, provide a comprehensive and appropriate position for The Ohio State University.

Significant to Ohio State's divestment program will be generating awareness in the higher education community, in the hope of inspiring further activity across the nation. Many universities are considering divestment, but few have found ways to reconcile their interest in opposing apartheid with fiduciary responsibility and educational missions. Ohio State's position will, we hope, offer an example of reasonable and reasoned university action that serves both our fiduciary obligations, and our larger responsibility to stand

June 7, 1985 meeting, Board of Trustees

INVESTMENT POLICY (contd)

President Jennings: (contd)

as a model for the public good. The actions outlined are consistent with and, indeed, integral to our primary mission as a university in society.

I recommend, Mr. Chairman, that policy for your consideration.

Upon motion of Mr. Teaford, seconded by Mr. Barone.

Mr. Havens:

The motion is on the floor is there any discussion? Hearing none, I will ask the Secretary to call the roll.

Mr. Redman made the following statement:

Mr. Chairman, before I cast my vote, I want to explain my reason therefor, with your permission:

I am not persuaded that the disinvestment proposed under the resolution before us today, is in the best interests of Ohio State University, or the black citizens residing in South Africa. Many of the black leaders inside and outside of that country, have urged that this action not be taken, since, in their opinion, it will injure the very blacks it is supposed to aid.

I am not impressed with the petition presented here today by the "Students United Against Apartheid," which I have been informed contains approximately 2,700 signatures, out of a student body of 60,000, and thus represents only about 4 percent of the students they allege they represent. Under any responsible analysis of the results of their survey, it would hardly represent a consensus of student body desires.

As Trustees of OSU in my opinion, we should make investment decisions which reflect only the best interests of OSU and not be influenced by political pressures or arbitrary guidelines, based on such considerations. I might add that it is possible that such a policy, if adopted, might be possible of legal attack by the Ohio Attorney General or some interested taxpayer, as has happened in other states.

I do not understand the vote of our representatives in the U.S. House of Representatives by Mr. Kasich and Mr. Wylie, which I consider an unwarranted attempt by the House, to interfere in the conduct of foreign affairs of this country, which affairs, under the U.S. Constitution, is lodged in the hands of the President of the country and the Secretary of State, and in some circumstances, requires the consent of the U.S. Senate. But be that as it may, I do not think it is controlling in the subject at hand.

June 7, 1985 meeting, Board of Trustees

INVESTMENT POLICY (contd)

Mr. Redman: (contd)

At the last Board meeting of the Trustees, an effort was made by these same people who now petition the Board, to disrupt the meeting and threat of physical violence. This indicates to me, the character of those advocates of disinvestment who were there, and are now here. All I can say is, I will not be influenced by those tactics.

I think it is unconscionable for Americans to try to dictate to South Africa, in particular, or any other country, the way they should run their country, internally. I am sure that if the South Africans were trying to dictate to Americans how we should run our country, and threaten punitive action if we did not adopt their concept, we would resent it bitterly and react accordingly. In addition it should be remembered that South Africa has been our best and only friend on the African continent and they are saying to us "with friends like you, who needs enemies."

Many of the corporations whose stock is now held by OSU, and which we would be obliged to sell if the recommended policy is adopted, have been benefactors of OSU in the past and prospective future benefactors, particularly in grants and research projects. For example, International Business Machines, General Motors Corporation, and Wendy's International, to name a few. If we arbitrarily refuse to invest in, or retain our present holdings in these companies, how do you suppose they will react when OSU is negotiating for future cooperation from those companies. Thus the adoption of this resolution will have an adverse effect on the University long after these people are gone and forgotten.

I respect the right of the other members of this Board who may disagree with me, for whatever reason, to vote in what they consider the best interests of this University.

Thus I cast my vote against the resolution proposed.

Thank you, Mr. Chairman.

The Board of Trustees adopted the foregoing resolution with Mr. Havens, Mr. Immke, Mrs. Bowser, Mr. Teaford, Mr. Barone and Ms. Casto casting affirmative votes and Mr. Galbreath, Mr. Redman and Mr. Berry casting negative votes.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 85-148

RESOLVED, That the report on the University's Investment Portfolio, dated May 17, 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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June 7, 1985 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, July 12, 1985, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

John F. Havens
Chairman

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

COLUMBUS

July 1, 1985 to June 30, 1986

1985-1986

THE OHIO STATE UNIVERSITY

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. Teaford, 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.

* * *

Minutes of the last meeting were approved.

* * *

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.
 - (3) The policy and standards committee considers and recommends to the council policies and rules related to graduate education.
 - (4) 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.
 - (5) 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.

July 12, 1985 meeting, Board of Trustees

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*

July 1, 1985 through June 30, 1987

Linguistics Ilse Lehiste

September 1, 1985 through August 31, 1989

Textiles and Clothing Lucy R. Sibley

October 1, 1985 through June 30, 1986

Slavic and East European Languages
and Literatures Frank R. Silbajoris*

October 1, 1985 through September 30, 1989

History Warren R. Van Tine

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

*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 Professor, 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

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. Adankin	Howard R. Goheen
Fred M. Andrews	Elliott S. Grayson
William A. Argo	Ronald C. Green
Yvonne T. Atha	Robert J. Grueser
John A. Balaza	Richard E. Guster
Robert L. Ball	D. T. Hayward
Lawrence Bastiani	John M. Haemmerle
Melvin J. Blackburn	Edwin C. Hechler
Richard R. Boster	William C. Heer
Denise L. Brace	Bernard J. Heint
John F. Brandt	Sharron S. Hillabrand
Howard R. Brehmer, Jr.	John Hinkle
William F. Brown	George K. Hughes
R. Robert Browning	Malcolm Jeffrey
Marguerite L. Buel	C. Francis Kerchavel
Ron Callentine	Cletus I. Kinnen
William M. Carroll	Walter S. Klevay, Jr.
R. David Chabot	Robert B. Koder
Gerald A. Cichocki	Jerry L. Kroos
John P. Cochran	Delbert L. Kuhn
Stephen G. Coleman	William P. Lauf
Rose A. Coleman	Barbara B. Lewis
Lawrence Czap	Eugene B. Lewis
Don C. Dangler	Edwin J. Lilly
John C. Dempsey	John W. Lint
Richard L. Denney	S. P. Lowry, D.D.S.
Betty B. Diehl	David W. Mann
Albert E. Dix	Robert L. Martin
R. William Eisnaugle	George J. Mattey
Cathy J. Eyen	Jill T. McGruder
Carl J. Faehnle	Robert S. McKay II
Eric B. Fisher	W. H. McTeague
Helen C. Freyhof	H. David Millitt
John R. Gall	Charles B. Mills, Jr.
Gloria H. Gardner	Timothy E. Murphy
Jack Girard	Thomas Neckel
Robert L. Glimcher	Charles J. Neuger
Donald E. O'Rourke	Robert C. Southard
Angela S. Parks	Bonnie A. Stump
Harold H. Paul	Geno A. Testa
Joseph B. Phillips	John X. Teevin
John J. Ranft	I. Lorraine Thomas
Brent H. Raub	William J. Thrane
Robert A. Rehm	Drexel J. Thrash
David C. Reynolds	Richard E. Vance, M.D.
Robert A. Rothman	Donald G. Vidt
Frederick D. Schaaf	Jay E. Wagner, Jr.
Joseph Schlonsky	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 Knilans)
Blackson Insurance Agency (Lewis R. Blackson)
Boise Cascade (Thomas J. Scheffer)
Borrer 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 Klusch)
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'a Corp. (Thomas Fewster)
Merchants 5 Star (James C. Starner)
Nationwise, 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. Csuri), 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, Hydrothermomechanical 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)

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)

\$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)

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)

\$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)

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 AURIOLÉ, 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

July 12, 1985 meeting, Board of Trustees

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.

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.

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)

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.

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)

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.

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*

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

*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.

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 11,523.20	5.72 11,897.60	5.89 12,251.20	6.09 12,667.20	6.28 13,062.40	6.48 13,478.40			
02	5.81 12,084.80	5.98 12,438.40	6.18 12,854.40	6.39 13,291.20	6.60 13,728.00	6.81 14,164.80			
03	6.09 12,667.20	6.28 13,062.40	6.50 13,520.00	6.72 13,977.60	6.95 14,456.00	7.18 14,934.40			
04	6.39 13,291.20	6.60 13,728.00	6.83 14,206.40	7.08 14,726.40	7.31 15,204.80	7.56 15,724.80			
05	6.72 13,977.60	6.95 14,456.00	7.20 14,976.00	7.45 15,496.00	7.63 15,870.40	7.88 16,390.40			
06	7.08 14,726.40	7.31 15,204.80	7.54 15,683.20	7.76 16,140.80	8.00 16,640.00	8.25 17,160.00			
07	7.45 15,496.00	7.63 15,870.40	7.87 16,369.60	8.12 16,889.60	8.39 17,451.20	8.71 18,116.80	8.99 18,699.20		
08	7.87 16,369.60	8.12 16,889.60	8.39 17,451.20	8.71 18,116.80	9.05 18,824.00	9.42 19,593.60	9.76 20,300.80		
09	8.39 17,451.20	8.71 18,116.80	9.05 18,824.00	9.42 19,593.60	9.87 20,529.60	10.31 21,444.80	10.74 22,339.20		
10	9.05 18,240.00	9.42 19,593.60	9.87 20,529.60	10.31 21,444.80	10.77 22,401.60	11.32 23,545.60	11.84 24,627.20		
11	9.87 20,529.60	10.31 21,444.80	10.77 22,401.60	11.32 23,545.60	11.87 24,689.60	12.45 25,896.00	13.04 27,123.20		
12	10.77 22,401.60	11.32 23,545.60	11.87 24,689.60	12.45 25,896.00	13.06 27,164.80	13.69 28,475.20	14.36 29,868.80		
SCHEDULE B									
23	5.89 12,251.20	6.09 12,667.20	6.28 13,062.40	6.50 13,521.00	6.72 13,977.60	6.95 14,456.00	7.18 14,934.40		
24	6.18 12,854.40	6.39 13,291.20	6.60 13,728.00	6.83 14,206.40	7.08 14,726.40	7.31 15,204.80	7.56 15,724.80		
25	6.50 13,520.00	6.72 13,977.60	6.95 14,456.00	7.20 14,976.00	7.45 15,496.00	7.63 15,870.40	7.88 16,390.40		
26	6.83 14,206.40	7.08 14,726.40	7.31 15,204.80	7.54 15,683.20	7.76 16,140.80	8.00 16,640.00	8.26 17,180.80		
27	7.20 14,976.00	7.45 15,496.00	7.63 15,870.40	7.87 16,369.60	8.12 16,889.60	8.39 17,451.20	8.71 18,116.80	8.99 18,699.20	
28	7.63 15,870.40	7.87 16,369.60	8.12 16,889.60	8.39 17,451.20	8.71 18,116.80	9.05 18,824.00	9.42 19,593.60	9.76 20,300.80	
29	8.12 16,889.60	8.39 17,451.20	8.71 18,116.80	9.05 18,824.00	9.42 19,593.60	9.87 20,529.60	10.31 21,444.80	10.74 22,339.20	
30	8.71 18,116.80	9.05 18,824.00	9.42 19,593.60	9.87 20,529.60	10.31 21,444.80	10.77 22,401.60	11.32 23,545.60	11.84 24,627.20	
31	9.42 19,593.60	9.87 20,529.60	10.31 21,444.80	10.77 22,401.60	11.32 23,545.60	11.87 24,689.60	12.45 25,896.00	13.04 27,123.20	
32	10.31 21,444.80	10.77 22,401.60	11.32 23,545.60	11.87 24,689.60	12.45 25,896.00	13.06 27,164.80	13.69 28,475.20	14.36 29,868.80	15.06 31,324.80
33	11.32 23,545.60	11.87 24,689.60	12.45 25,896.00	13.06 27,164.80	13.69 28,475.20	14.36 29,868.80	15.07 31,345.60	15.81 32,884.80	16.58 34,486.40
34	12.45 25,896.00	13.06 27,164.80	13.69 28,475.20	14.36 29,868.80	15.07 31,345.60	15.81 32,884.80	16.59 34,507.20	17.42 36,233.60	18.28 38,022.40
35	13.69 28,475.20	14.36 29,868.80	15.07 31,345.60	15.81 32,884.80	16.59 34,507.20	17.42 36,233.60	18.26 37,980.80	19.18 39,894.40	20.13 41,870.40
36	15.07 31,345.60	15.81 32,884.80	16.59 34,507.20	17.42 36,233.60	18.26 37,980.80	19.18 39,894.40	20.13 41,870.40	21.13 43,950.40	22.18 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. Koenigsnecht

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

William D. Armaline, 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 Batsden, 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

Yvonne P. Bergland, Santee, CA; B.V.Ed., M.A. [San Diego State University]; Vocational Education, Comprehensive Program;
Dr. Dewey A. Adams

Mrinal K. Bhattacharjee, Dhanbad, Bihar, India; B.Sc., M.Sc. [Indian Institute of Technology, Kharagpur]; Chemistry;
Dr. Robert M. Mayer

Marilyn Gail Boltz, Swanton; B.A., M.A. [University of Toledo]; Psychology;
Dr. Mari R. Jones

Ann Brunner, San Francisco, CA; B.A. [Oberlin College]; M.S. [Smith College]; Health, Physical Education and Recreation;
Dr. Seymour Kleinman

Walter Richard Buck, Columbus; B.S.; Anatomy;
Dr. G. Adolph Ackerman

Bruce Stanley Burdick, Huron; B.S. [Heidelberg College]; M.S.; Mathematics;
Dr. John P. Huneke

Robert Walker Butler, Los Angeles, CA; B.A. [University of Florida]; M.A. [University of Alabama]; Psychology;
Dr. Andrew I. Schwebel

Lucinda Rae Callender, Xenia; B.A., M.A.; Political Science;
Dr. Herbert F. Weisberg

Neal Rolfe Chamberlain, Bentley Creek, PA; B.S. [Indiana University of Pennsylvania]; Medical Microbiology and Immunology;
Dr. Frank A. Kapral

Lee-Hong Chang, Taipei, Taiwan, R.O.C.; B.S. [Fu-Jen Catholic University]; M.S. [National Taiwan University]; Chemistry;
Dr. Alan G. Marshall

Yah-Lee Judia Chao, Kaohsiung, Taiwan, R.O.C.; B.A. [Provincial Kaohsiung Teachers College]; M.A. [The West Texas State University]; Communication;
Dr. Jack E. Douglas

Chung-Nin Chau, Hong Kong, Hong Kong; B.Sc. [University of Hong Kong]; Chemistry;
Dr. Andrew A. Wojcicki

Loren Chen, Placentia, CA; B.S. [Tamkang College]; Chemistry;
Dr. Devon W. Meek

Nancy Ellen Childress, Columbus; B.S., B.S.Ed., M.S.; Mathematics;
Dr. Robert Gold

Sul-Young Choi, Seoul, Korea; B.S., M.Ed. [The Seoul National University]; M.S. [University of Santa Clara]; Mathematics;
Dr. Eiichi Bannai

Richard Warner Clark, Columbus; B.S., M.S. [Virginia Polytechnic Institute & State University]; Agricultural Education;
Dr. L. H. Newcomb

Leonard Arthur Colelli, Columbus; B.S.Ed. [California University of Pennsylvania]; M.Ed. [University of Maryland]; Education;
Dr. Donald G. Lux

Mary Evelyn Conover, Murray, KY; B.S. [Western Kentucky University]; M.S. [Purdue University]; Home Economics;
Dr. Joan E. Gritzmacher

Michael David Coovert, Washington, IL; B.A. [Chaminade University of Honolulu]; M.S. [Illinois State University]; Psychology;
Dr. Milton D. Hakei

Patricia Knecht Crooks, Ottumwa, IA; B.S. [Northeast Missouri State University]; M.A. [University of Missouri]; Horticulture;
Dr. T. Davis Snyder

Jaime Yap Cruz, Manila, Philippines; B.S.G.E., M.S.G.E. [University of the Philippines]; Geodetic Science;
Dr. Richard H. Rapp

Kathleen Sue Davey, Columbus; B.S., M.A. [University of Nebraska at Omaha]; Education;
Dr. Donald P. Sanders

Stephanie Ann Davidson, Rochester, MI; B.A. [Michigan State University]; M.A.; Speech and Hearing Science;
Dr. William Melnick

Jennifer Lou Davis-Berman, Warren; B.S. [Denison University]; M.S.W.; Social Work;
Dr. Keith M. Kiby

Alahassane Issah Diallo, Abidjan, Ivory Coast; D.E.S.C.A.F. [Ecole Supérieure de Commerce]; M.B.A. [Indiana University]; M.S.B.A. [University of Massachusetts]; Business Administration;
Dr. Michael L. Smith

William Patrick Dougherty, Columbus; B.M.E. [Illinois Wesleyan University]; M.A.; Music;
Dr. Gregory M. Proctor

Harry Leo Duran, Aztec, NM; B.S., M.S. [New Mexico State University]; Pharmacology;
Dr. Steven M. D'Ambrosio

Mary Ellen Edelberger, Carroll; B.S., M.S.; Communication;
Dr. Robert R. Monaghan

Ahmed Khalifa Elmaggamid, Tripoli, Libya; B.S. [University of Dayton]; M.S.; Computer and Information Science;
Dr. Ming T. Liu

Ali Mohamed Elrafel, Cairo, Egypt; B.Sc. [Cairo University]; M.Sc. [University of Sherbrooke]; Engineering Mechanics;
Dr. Sunder H. Advani

Michael George Gatter, North Haven, CT; B.A. [Southern Connecticut State University]; M.S. [University of New Hampshire]; Chemistry;
Dr. Bruce E. Bursten

- Dianna Poole Gray**, Columbus, B.S. (James Madison University); M.A., *Health, Physical Education and Recreation*; Dr. Charles L. Mand
- Nicholas James Greco**, Wickliffe, B.S. (John Carroll University); *Physiological Chemistry*; Dr. Rao V. Panganamala
- Sister Victoria Marie Gribshaw**, Greensburg, PA, B.A. (Seton Hill College); M.S. (West Virginia University); *Home Economics*; Dr. Jean S. Bowers
- Keth Allan Groff**, Columbus, B.S.; M.A. (Boise State University); *Education*; Dr. Donald R. Bateman
- Muna Sobhi Hadidi**, Amman, Jordan; B.Sc. (University of Jordan); M.A. (Michigan State University); *Education*; Dr. Marjorie E. Ward
- Gary Dean Harmon**, Columbus, B.S. (Franklin University); M.A. (Central Michigan University); *Education*; Dr. Anthony A. Olinzook, Dr. Otto Santos
- Denise Yvonne Hatter**, Raleigh, NC, B.A. (Saint Augustine's College); M.A., *Psychology*; Dr. Don M. Dell
- Jamie Branam Havasy**, Newport, TN; B.S., M.S. (University of Tennessee); *Home Economics*; Dr. Lois E. Dickey
- Frank C. Helles**, Brielle, NJ; B.S., M.Ed. (Trenton State College); *Health, Physical Education and Recreation*; Dr. Donald K. Mathews
- Paul Hardy Herbert**, Galena, IL; B.S. (United States Military Academy, West Point); M.A., *History*; Dr. Alan R. Millett
- Keth Evan Herold**, Columbus, B.S.M.E. (The University of Akron); M.S., *Mechanical Engineering*; Dr. Michael J. Moran
- Mary Coffman Heston**, Columbus, B.A., M.A.; *History of Art*; Dr. Susan L. Huntington
- Erhard Walter Hinrichs**, Wittmund, West Germany; Staatsexamen (University of Tubingen); M.A.; *Linguistics*; Dr. David R. Dowry
- William Ronald Hitzelberger**, Baltimore, MD; B.E. (Stevens Institute of Technology); M.S. (Purdue University); M.S. (Central Missouri State University); *Business Administration*; Dr. Leroy J. Krajewski
- Sally J. Hixon**, Hamburg, N.Y.; B.S.Ed., Ed.M. (State University of New York at Buffalo); *Education*; Dr. William E. Loadman
- Won-pyo Hong**, Seoul, Korea; B.A., M.A. (Seoul National University); *Chemistry*; Dr. David J. Hart
- Yeh-Rom Hu**, Taipei, Taiwan, R.O.C.; B.S. (Tamkang University); M.S. (Kent State University); *Chemistry*; Dr. Andrew A. Wojcik
- Tayuan Huang**, Chung-Li, Taiwan, R.O.C.; B.S. (Chung Yang University); M.S. (National Tsing Hua University); *Mathematics*; Dr. Elrich Bannai
- Robert E. Huston**, Bluffton; B.A. (Pasadena College); M.A.; *Psychology*; Dr. W. Bruce Walsh
- Chung-Her Jenh**, Columbus, B.S. (National Taiwan University); *Biochemistry*; Dr. Lee F. Johnson
- Shwu-Ming Kau**, Taiwan, R.O.C.; B.S. (National Chengchi University); M.S. (Western Illinois University); *Psychology*; Dr. Gerald A. Winer
- Hussein Ahmed-M Khattab**, Benha, Kalliohya, Egypt; B.Sc.C.E. (Cairo University); M.Eng. (Carieton University); *Engineering Mechanics*; Dr. Sunder H. Advani, Dr. June K. Lee
- Myung Hwan Kim**, Seoul, Korea; B.S. (Seoul National University); M.S., *Mathematics*; Dr. John S. Hsia
- Young Yong Kim**, Hae Nam, Cheon Nam, Korea; B.S. (Seoul National University); M.A. (Korea University); M.A.; *Economics*; Dr. Robert A. Driskill
- Rebecca Phelps Kimberly**, Columbus, B.S.Ed. (Otterbein College); M.A.; *Education*; Dr. Charles M. Galkoway
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Ruzlan Bin Rainis, Lenggeng, N. Sembilan, Malaysia; B.A. (Miami University); *City and Regional Planning*

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Dennis Summers, Detroit, MI; B.F.A. (Michigan State University); *Art*

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Master of Health Administration

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Master of Liberal Studies

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Master of Music

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Master of Public Administration

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- James F. Marx**, Rockaway, NJ; B.S. (Wagner College); *Preventive Medicine*
- Soe Win Maung**, Pakakku, Magwe, Burma; B.Ag. (Institute of Agriculture); *Agricultural Economics and Rural Sociology*
- Ralph Norman Manfred May**, Independence; B.S.; *Microbiology*
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- Elizabeth Goode Moore**, Hilliard; B.S.N.; *Nursing*
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- David Emil Nelson**, Des Plaines, IL; B.S.Met.E.; *Welding Engineering*
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- Sheila Kay Nichols**, Columbus; B.S.N. (Capital University); *Nursing*
- Gerold Walter Noyes**, Galena; B.S.A.A.E.; *Aeronautical and Astronautical Engineering*
- Morzer I. Nwider**, Damascus, Syria; B.S.M.E. (Gannon University); *Mechanical Engineering*
- Pramuditya Oen**, Jakarta, Jakarta, Indonesia; B.S. (Bogor Agriculture Institute); *Food Science and Nutrition*
- James Lawrence Olivier**, Cincinnati; B.S.E.E.; *Electrical Engineering*
- Brian Eamon O'Neill**, Justice, IL; B.S. (Western Illinois University); *Geology and Mineralogy*
- Gerardo Ines Pangilinan**, Quezon City, Philippines; B.S. (University of the Philippines); *Physics*
- Otto Karl Paris**, Rolling Hills Estates, CA; B.A. (Humboldt State University); *Geology and Mineralogy*
- Carol Ann Park**, Girard; B.S. (Kent State University); *Animal Science*
- Cathy Ann Pliat**, Columbus; B.S. (Alliance College); *Preventive Medicine*
- Mark Douglas Pippin**, Dayton; B.S. (University of Dayton); *Physics*
- Robert Dwight Preece**, Berkeley, CA; B.A. (University of California, Berkeley); *Physics*
- Zhizhong Qiu**, Shanghai, R.O.C.; B.S. (New York University); B.E. (Cooper Union); *Electrical Engineering*
- Tammy Diane Quinn**, Erie, PA; B.S. (Gannon University); *Microbiology*
- Kaveeray S. Raghavan**, Madras, India; B.Tech. (Indian Institute of Technology Madras, India); *Metallurgical Engineering*
- Gregory Allen Reinhart**, Tiffin; B.S.; *Animal Science*
- Karan J. Replage**, Dayton; B.S.N. (Samford University); *Nursing*
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- Clark Adrian Roberts**, Wilmington; B.S.Agr.; *Agricultural Economics and Rural Sociology*
- James Milo Robinson**, Montpelier, VT; B.S. (University of Maine); *Geodetic Science*
- John Charles Rochotte**, Ahvada; B.S.Agr.E.; *Agricultural Engineering*
- Beth Ann Rosa**, Wakeman; B.S.I.S.E.; *Industrial and Systems Engineering*
- Jan Anthony Ruzicka**, Athens, GA; B.S. (University of Georgia); *Chemistry*
- Zhiyong Shen**, Ningbo, P.R.C.; B.S. (Zhejiang University); *Metallurgical Engineering*
- Ronald Edward Shomo II**, Dover, DE; B.S. (University of Delaware); *Chemistry*
- Bedy S. Short**, Columbus; B.S.N. (Franklin University); *Nursing*
- Beth Silverstein**, Bellerose, N.Y.; B.S. (State University of New York, Binghamton); *Zoology*
- Sharon Jane Smithyman**, Columbus; B.S.Agr.; *Horticulture*
- Soedjarmiko**, Yogyakarta, Indonesia; Ir. (Gadjah Mada University); M.Sc. (University of Hawaii); *Electrical Engineering*
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- Lowell Douglas Stott**, Columbus; B.S.; *Geology and Mineralogy*
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- Son Suwasono**, Lawang, Indonesia; B.S. (Brawijaya University of Indonesia); *Agronomy*
- Natarajan Swaminathan**, Madras, India; B.Sc. (Loyola College, Madras, India); M.Sc. (Indian Institute of Technology, Madras, India); *Computer and Information Science*
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- Evelyn Maria Thompson**, Nashville, TN; B.S. (Tennessee State University); *Home Economics*
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- David Eliot van Deusen**, Columbus; B.S.M.E.; *Nuclear Engineering*
- Ihan Varol**, Istanbul, Turkey; B.S. (Istanbul Technical University); *Metallurgical Engineering*
- Lance Voss**, Columbus; B.S.; *Environmental Biology*
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- Sandra Jeanet Washington**, Columbus; B.S.; *Natural Resources*
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- Julia Ann White**, New Carlisle; B.S.; *Zoology*
- Barbara Joan Williams**, Bexley; B.S.; *Horticulture*
- Gary William Wilson**, Dublin; B.S.Agr.; *Animal Science*
- Debra Denise Withers**, Pine Bluff, AR; B.S. (University of Arkansas at Pine Bluff); *Home Economics*
- Donna K. Wolfe**, Columbus; B.S.; *Allied Medical Professions*
- James Matthew Wood**, New Concord, O.D.; *Physiological Optics*
- Chuyu Xiong**, Chongqing, Sichuan, P.R.C.; B.Sc. (Chongqing University); *Mathematics*
- He Xu**, Columbus; B.S. (Peking Teacher's College); *Physics*

Matthew S. Zellnick, Worthington; B.S.M.E.;
Mechanical Engineering

Mehdi Zahourianfar, Columbus; B.S.E.E. (Iran
College of Science and Technology); *Electrical
Engineering*

Master of Social Work

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

Sigrid Ehrenberg, Columbus; B.S.; *Social Work*

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

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

Sandy Lee Schoenfeld, Youngstown; B.A.
(Youngstown State University); *Social Work*

Mary Kay Sopko, Cleveland; B.A.-Journ. (Kent State
University); *Social Work*

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College of Humanities
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Bachelor of Science

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Elsie Byholt, Norcross, GA
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Michl Lawrence Bastiani, Gallipolis
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Eric Robinson Ingwersen, Bexley
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Celeste Mary Kazel, Cleveland
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Deirdre K. Kocjan, Niles
Maria Kostecka, Cincinnati
Angel Roni Lanier, Warrensville Heights
Gerardo A. Larreategui, Lansing, MI
Kyung Wha Lee, Painesville
Daniel R. Lemon, Westerville
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Ursula C.W. Liu, Upper Arlington
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Brian Williams, Mansfield
April Dawn Woodard, Chillicothe
Steven Jay Whigley, Wadsworth
Mark H. Zahniser, Columbus
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Bachelor of Science

Suzanne Elaine Beason, Kettering
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Hugh Hoyt Brown III, St. Marys
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Michael Lewis Chervenak, Huron
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John Christopher Theofilos, Warren
Pamela S. Thill, Columbus
Stuart Allen Tousman, Edison, NJ
Leslie A. Tremayne, North Madison
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School of Journalism

Bachelor of Arts in Journalism

Beth Anne Baldridge, Columbus
Tracy Lea Bradford, Springfield
James Gregory Brannon, Columbus
Patrick L. Carle, Circleville
Elizabeth Sarah Cohen, Mayfield Heights
Laurie Elaine Cunningham, Columbus
Teri Marie Dugovics, Lyndhurst
Donald Dumbacher, Cincinnati
Christine Ann Foster, Marion
Richard Carl Gardner, West Alexandria
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Amy Jean Hancy, Berea
David Norman Jankowski, Northfield
Laura Ann Januzzi, Amherst
John Thomas Kitroy, Rocky Hill, CT
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David Howard Linder, Grove City
Erika Elizabeth Lingo, Upper Arlington
Debra Rene Loader, Vanlue

Diane Pauline Lore, Newark
Ann M. Mitchell, Bexley
Carrie Louise Morris, Columbus
Denise Sue Murray, Circleville
Kimber Mahaffey Perfect, Columbus
Theresa Marie Rapp, Columbus
Margaret Jane Rieser, Kettering
Carla Ann Rush, Columbus
Dennis James Schapker, Cincinnati
John Robert Sheley, Centerville
Kelly Susanne Stieg, Kettering

College of Administrative Science

Dean: H. Justin Davidson

Bachelor of Science in Business Administration

Mark Conrad Abbati, Franklin, TN
Judith Ann Adkins, Columbus
Bradley Jay Allen, Mt. Vernon
Erik Paul Amato, Worthington
David Madison Archer, Ashland
Cynthia Jeanne Bailey, Worthington
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Marshall Hayes Barnes II, Columbus
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Sherman Lewis Bierly, Worthington
Gary Dale Birchfield, Columbus
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Michael David Bornstein, Columbus
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Brett Dean Chance, Canfield
Che Ngee Chee, Benta, Malaysia
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Caryn Elizabeth Cipriano, Columbus
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Julia Ann Corbett, Columbus
Annetta Augusta Cotton, Hurtington, WV

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Sharon Ann Curp, Xenia
Stephen Robert DeAngelis, Concord, NH
James Scott Denig, Mansfield
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Jessica Marie Dolan, Seven Hills
Walter Curtis Doran, Jr., New Albany
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Toin-Yong Goh, Batu Pahat, Malaysia
Rachel Faythe Goldin, Staten Island, NY
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Daniel Patrick Griffin, Whitehall
Bruno Michel Gruaz, Cincinnati
Gregory Scott Halter, Cincinnati
Karen Michele Hammer, Columbus
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Carole L. McIntosh Hanselman, Millford Center
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Michael John Haring, Mansfield
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Leslie Kaye Herro, Akron
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John Edward Hildreth, Clinton
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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
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George Alan Jeffers, Columbus
Kelly Ann Jenkins, Pataskala
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Mary Smith Johnson, Lima
David William Jones, Reading
Karen Lynn Jones, Cleveland
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Scott Jeffrey Jurcenko, Jefferson
Laura Elynn Kabealo, Columbus
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Carl Joseph Kehres, Troy
Tambara Marie Kellis, Kettering
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Gary Lynn Leimbach, Lima
Jan Huiun Lie, Jakarta, Indonesia
Bryan Scott Lilly, Shaker Heights
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Beth Andrea Loxoco, Sandusky
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 Susan Isabelle Price, Maumee
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 Christine Davrian Putnam, Westerville
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 Alan Michael Reed, Ottawa
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 Ray Scott Rike, Fletcher
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 Richard Alan Rose, Magnolia
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 Jeffrey Scott Rosen, Lyndhurst
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 Jonathan Edward Smith, Pittsfield, MA
 Robert Douglas Smith, Columbus
 Roger James Somogyi, Pepper Pike
 Tracy Lynn Souder, Jackson
 Matthew David Spaid, Gahanna
 Brian Eugene Stanfil, 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 Ika Trankiem, Sydney, Australia
 Tamara Lynn Trbovich, Canton
 Mark Alan Tucker, Mansfield
 Douglas Edward Turlo, Columbus
 Glenn Edwin Turner, Van Wert
 Carol Ann Ussey, 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 Glona Yeo, Singapore, Singapore
 Randall James Zak, Brecksville
 Tony Guy Zangaro, Columbus
 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 Pieur, Perrysburg
 Roger Scott Redman, Wooster
 John Gordon Rimmer, Troy
 Sharon Ann Roberts, Columbus
 Juliann Rockwell, Barnesville
 Richard Lee Schroeder, Columbus
 John Park Shultz, North Canton
 Diana Jean Switzer, Lima
 David Allen Tomlinson, Ravenna
 John Patrick Warner, Copley
 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 Berghauer, Cleveland
 Brian Bishop, Austintown
 Steven James Borris, Napoleon
 John Karl Dullaert, Cincinnati
 Douglas Paul Gleckler, 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. Louisvite
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
Pamala Kay Cosner, Columbus
Terry Lynn Craft, Alger
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 Merrifweather, 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, Perrysville
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
Debra Marie Tenke, 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 Yayu, 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. Finrock, 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 Stone, 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 Debarleben, Cleveland
Steve Lynn Deist, Akron
Timothy M. Driscoll, Austintown
Thomas Alan Easterday, Washington Court House
Michael John Estes, North Olmsted
Eric Edward Gatchalian, 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
Thomas Lee Pettit, Piketon
Alice Lynn Pischulla, Seven Hills
Daniel T. Prendergast, Columbus
Somnuk Ratanaphanyarat, Bangkok, Thailand
Jeffrey Kevin 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
Marwan 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
Sheiley 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
Ariaguna 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, Frazeysburg

Bachelor of Science in Landscape Architecture

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

College of Home Economics

Dean: Lena Bailey

Bachelor of Science in Home Economics

Susan Marie Aiden, Painesville
Sara Lynn Bates, Harrison
Ellen Marie Benich, Jefferson
Jeffrey Mark Boyko, Parma
Rhonda R. Burston, 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 Eiswick, 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 Kehri, 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 Linerode, 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 Kasunick, Massillon
Lisa Ann Kring, Akron
Scott Kenneth Parrill, Heath
Linda Kathleen Riege, Alexandria
John Lee Rogers, Columbus

College of Medicine

Dean: Manuel Tzougouris

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 Mالدinger, 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 Rothermel, 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
Renee 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 Ratanapharyarat
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 Kiple 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	Berlie L. Schmidt
Biochemistry	Gary E. Means*
Genetics	Russell V. Skavaril*
Food Science and Nutrition	Emil M. Mikolajcik*
Division of Mining Engineering	George R. St. Pierre*
Poultry Science	Edward C. Naber
Veterinary Physiology and Pharmacology	Robert L. Hamlin*

July 1, 1985 through June 30, 1987

Agricultural Engineering	Warren L. Roller
City and Regional Planning	Kenneth T. Pearlman

July 1, 1985 through June 30, 1989

ATI - General Studies	Clyde E. Opliger
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October 1, 1985 through September 30, 1986

Black Studies	William E. Nelson
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*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. VANDERGRIFT, 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. Handsby
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
The Distinguished Teaching Award Endowment Fund (Support the Alumni Award for Distinguished Teaching)		\$ 10,000.00
The Chester C. Winter Urology Library Endowment (Support the Department of Urology Library)		\$ 8,000.00
Alumni Scholarship Fund - The College of Social Work (Scholarships)		\$ 5,000.00
Helen Hooven Santmyer Fund (Enhance the publication program of the University Press)		\$ 5,000.00
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)

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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)

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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. Burghilea), 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)

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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. Lehiste), 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)

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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)

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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)

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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

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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

\$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

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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)

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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. Essenhigh), 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

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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

\$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, Mershon 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)

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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)

\$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)

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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)

\$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)

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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)

\$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)

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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 - 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.

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.

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

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Lou Levensgood Memorial Scholarship Fund
in Veterinary Medicine

The Lou Levensgood 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 Levensgood'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, lecturers, 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 Rotovirus-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)

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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)

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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)

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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)

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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)

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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)

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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)

\$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)

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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)

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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 Pyrilamine 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)

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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)

\$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)

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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)

\$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)

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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)

\$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)

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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)

\$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

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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.

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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.

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.

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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. Teaford, 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. Teaford, 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 Gonorrhoeal 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. Teaford, 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
The Law Class of '35 Fund (Support activities in the College of Law Library)	\$	5,000.00

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^{++m} 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.

**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.

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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.

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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 361 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 construction costs)

Total Project Cost: \$80,000.00*

Funding: University Funds (B/A 885270)

*Recommended substitution reflected in these figures.

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**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.

* * *

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. Teaford, 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 Ivof 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. Hirsh), 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)

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)

\$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)

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)

\$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)

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)

\$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)

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)

\$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

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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)

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, Mershon 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)

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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)

\$3,600.00 - 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.

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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 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 Ivöl Spafford Scholarship Fund

The Ivöl 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, Ivöl 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. Teaford, 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.

**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. Teaford, the Board of Trustees adopted the foregoing resolution with six affirmative votes cast by Messrs. Havens, Redman, Berry, Teaford, 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. Teaford:

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. Teaford:

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 Registrar	086973	010058	20,000.00
Air Transportation Services	086975	010058	170,000.00
	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

October 31 and November 1, 1985 meeting, Board of Trustees

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

October 31 and November 1, 1985 meeting, Board of Trustees

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);

**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL
RECEIPTS REFUNDING BONDS, 1985 SERIES A,
OF THE OHIO STATE UNIVERSITY (contd)**

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

**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL
RECEIPTS REFUNDING BONDS, 1985 SERIES A,
OF THE OHIO STATE UNIVERSITY (contd)**

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

**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL
RECEIPTS REFUNDING BONDS, 1985 SERIES A,
OF THE OHIO STATE UNIVERSITY (contd)**

(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

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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;

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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

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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

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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
RECEIPTS REFUNDING BONDS, 1985 SERIES A,
OF THE OHIO STATE UNIVERSITY (contd)**

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
RECEIPTS REFUNDING BONDS, 1985 SERIES A,
OF THE OHIO STATE UNIVERSITY (contd)**

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
RECEIPTS REFUNDING BONDS, 1985 SERIES A,
OF THE OHIO STATE UNIVERSITY (contd)**

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 Superieure 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. FALCO, 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. HOLZAEPFEL, 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. 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

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
The Howard D. Winbigler Fund in Engineering (Aid research, teaching and service programs/facilities - College of Engineering)	\$ 10,325.00
Helen Holiday Weller Fund for Medical Research (Income for initiating new research projects - College of Medicine)	\$ 10,000.00
The Arthur H. Robinson Fund (Support graduate and undergraduate research expenses, travel, and equipment - Department of Geography)	\$ 7,000.00
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
Lillian Lewis Marquand Scholarship (Scholarship - College of Home Economics)	\$ 5,000.00
The Mabel Sarbaugh Undergraduate Honors Scholarship in Home Economics (Support undergraduate honors scholarships - College of Home Economics)	\$ 5,000.00

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)

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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)

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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)

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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)

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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)

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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)

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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)

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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)

\$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)

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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.

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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

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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)

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)

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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)

\$25,000.00 - American Heart Association, Central Ohio Chapter, Columbus, OH, Effect of Methylene-dioxyindene 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

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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)

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

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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)

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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 relocated 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. Teaford, 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

**AUTHORIZATION, ISSUANCE AND SALE OF VARIABLE
RATE DEMAND GENERAL RECEIPTS BONDS,
SERIES 1985 B, OF THE OHIO STATE UNIVERSITY (contd)**

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 2i 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

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)**

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

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 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

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)**

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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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

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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.

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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.

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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 covenants 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-Kardas

Doctor of Philosophy

Mohamed Abdalla Abdelrhman, Cairo, Egypt; B.Sc., M.Sc. (Cairo University); *Civil Engineering*; Dr. Keith W. Bedford

Fusun Semha Akdag, Istanbul, Turkey; B.A. (Hacettepe University); M.A. (Bogazici University); *Education*; Dr. Suzanne K. Damarin

Yousif Nasser Aldryhm, 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. Almotadda, Riyadh, Saudi Arabia; B.A. (King Saud University); M.A. (Michigan State University); *Psychology*; Dr. Fred L. Damarin

Abdulaziz A. Alshabany, Hafar, Albatin, 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. Allan R. Millett

Sheau-Shong Bor, Tao-Yuan, Taiwan, R.O.C.; B.S. (Chung-Cheng Institute of Technology); M.S. (Tsinghua University); *Electrical Engineering*; Dr. Hsiung Hsu

Heleen 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 Burghelka

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

Lynndel Dwayne Dickerson, Cincinnati; B.S. (Andrews University); *Chemistry*; Dr. Daryle H. Busch

Verlynda Smithson Dobbs, Beaver Creek; 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. Geckler, 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 Castanza

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

DeAnna 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 Jeng, Kaohsiung, Taiwan, R.O.C.; B.S.C.E. (National Central University); M.S. (National Taiwan University); *Engineering Mechanics*;
Dr. Vernal H. Kenner

Tricia 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. Zwillig

Mary Jane Kamuka, Washington, DC; B.S. (Russell Sage College); M.S. (Iowa State University); *Home Economics*;
Dr. Arne 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

Shoel-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. Millet

Wennie Lim Lloyd, Marengo; B.S. (University of the Philippines); M.S.; *Horticulture*;
Dr. Wilbur A. Gould

Claude Pierre Lorensen, Montreal, Quebec, Canada; B.Sc. (Universite Laval); M.S.; *Physics*;
Dr. James T. Tough

Joyce Belt McCabe, Worthington; B.S., M.S.; *Education*;
Dr. Edwin G. Novak

Timothy Gerard McManamon, Phoenix, AZ; B.A. (University of Arizona); *Pathology*;
Dr. Keith E. Richardson

Linda Moosbrugger, Delaware; B.S., M.A.; *Psychology*;
Dr. John C. Gibbs

David Miller Neal, Montpelier; B.S., M.A. (Bowling Green State University); *Sociology*;
Dr. Enrico L. Quarantelli

Tatyana Khristova Nestorova-Matejic, Columbus; B.A. (University of Sofia); M.A.; *History*;
Dr. Carole R. Rogel

Joel Ashmore Nevils, Gainesville, FL; B.A. (University of Florida); M.A.; *Linguistics*;
Dr. Arnold M. Zwicky

Hugh Theodore Oakley II, Columbus; B.S. (Cedarville College); M.Ed. (Miami University); *Education*;
Dr. William W. Wayson

Paul Kote-Tak Pak, Columbus; B.S. (University of Tennessee); M.S. (Mississippi State University); *Horticulture*;
Dr. Wilbur A. Gould

Gary Robert Pike, Dallas, TX; B.S., M.A. (Southwest Missouri State University); *Communication*;
Dr. Goodwin F. Berquist

Shari L. Plimpton, Grove City; B.S., M.S.; *Horticulture*;;
Dr. Wilbur A. Gould

Dean Frederick Poeth, Columbus; B.S. (Bucknell University); M.S. (The Pennsylvania State University); *Industrial and Systems Engineering*;
Dr. George L. Smith

Lauren Helen Pringle, Buffalo, NY; B.A., M.A. (Saint Bonaventure University); *English*;
Dr. John B. Gabel

Richard William Ridgway, Detroit, MI; B.S.E., M.S.E. (The University of Michigan); *Electrical Engineering*;
Dr. Dean T. Davis

Sarah Jean Rockey, Bainbridge; B.S., M.S. (Entomology);
Dr. David L. Denlinger

William Joseph Rosano, Middletown, CT; B.A. (Central Connecticut State University); M.S.; *Chemistry*;
Dr. John M. Parson

David Paul Rotella, Pittsburgh, PA; B.S.Pharm. (University of Pittsburgh); *Pharmacy*;
Dr. Donald T. Wittak

Salim Said, Jakarta, Indonesia; B.A., Drs. (University of Indonesia); M.A. (Ohio University); M.A.; *Political Science*;
Dr. R. William Liddle

Etta Angel Saitos, Columbus, B.A. (Bluffton College); M.N.S. (Cornell University); *Home Economics*;
Dr. Jean T. Snook

Christine Ann Scodari, Rockville, MD; B.A. (University of Maryland); M.A.; *Communication*;
Dr. John J. Makay

Gamal Mohamed Selim, Cairo, Egypt; B.S.E.E. (Military Technical College, Egypt); M.S.; *Bio-Medical Engineering*;
Dr. Herman R. Weed

Kamaruddin Bin Sharif, Bandar Barubangi, Selangor, Malaysia; B.A. (MacQuarie University); M.A.S. (Northeastern University); *Business Administration*;
Dr. David L. Bickelhaupt

Sharon Shavit, Columbus; B.A., M.A.; *Psychology*;
Dr. Timothy C. Brock

Sang-Hea Shim, Seoul, Korea; B.S. (Yonsei University); M.S. (Korea Advanced Institute of Science); *Metallurgical Engineering*;
Dr. Susan S. Sniakowska

Mahmoud Saleh Siraj-Ali, Mekka, Saudi Arabia; B.Sc. (Riyadh University); M.S. (California State University); *Horticulture*;
Dr. Harry K. Tayama

Upali Sirkwardena, Makewita, Colombo, Sri Lanka; B.Sc. (University of Sri Lanka); M.Sc. (Concordia University); *Chemistry*;
Dr. Sheldon G. Shore

Arthur Richard Smith, Keiraville, NSW, Australia; Diploma Art (Armidale Teachers' College and National Art School); M.A. (Stanford University); *Art Education*;
Dr. Kenneth J. Marantz

John Quincy Smith, Whitehall; B.A. (Mount Vernon Nazarene College); M.A.; *History*;
Dr. Clayton Roberts

Patricia Gallagher Smith, Columbus; A.B. (Chestnut Hill College); M.Ed. (Lehigh University); M.A.; *Education*;
Dr. Judy L. Genshaft

Hi Ja Song, Seonghug Ku, Seoul, Korea; B.S., M.S. (Sogang University); *Mathematics*;
Dr. William J. Davis

Kye-Chung Song, Korea; B.B.A., M.B.A. (Seoul National University); M.B.A. (Northeast Louisiana University); *Business Administration*;
Dr. H. Randolph Bobbitt

Mary Ann Olga Stevenson, Bay Village; B.S.N. (Capital University); M.S.N. (Emory University); *Education*;
Dr. Virgil E. Blanke

Dane Harry Stitts, Lakewood; B.S.Ed., M.A.; *Education*;
Dr. Donald R. Bateman

Donna Marie Bruns Stockrahm, Millhousen, IN; B.S. (Marian College); M.S. (University of North Dakota-Grand Forks); *Zoology*;
Dr. John D. Harder

Aiji Tanaka, Tokyo, Japan; B.A. (Waseda University); M.A., *Political Science*;
Dr. Bradley M. Richardson

Clement Thanthlanga, Aizawl, Mizoram State, India; B.Sc., M.Sc. (North-Eastern Hills University); *Zoology*;
Dr. Rodger D. Mitchell

Joseph Steven Torok, Oberlin; B.S. (University of Akron); M.S., M.S., *Engineering Mechanics*;
Dr. Sunder H. Advani

Kevin Lynn Trimpe, Columbus; B.A. (Indiana University); M.S.; *Microbiology*;
Dr. Bruce S. Zwilling

Ralph Martin Vaga, Portland, OR; B.S. (University of Oregon); M.S. (Portland State University); *Zoology*;
Dr. David A. Culver

Paul Everett Van Buren, Mt. Blanchard; B.S. Agr., M.S.; *Agricultural Economics and Rural Sociology*;
Dr. David O. Hansen

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Dr. Duane R. Skidmore

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Dr. George F. Martin

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Dr. Harry R. Conrad

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Master of City and Regional Planning

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Howard Anthony Tibbs, Columbus; B.A. (Denison University); *City and Regional Planning*

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Master of Fine Arts

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Master of Labor and Human Resources

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Master of Landscape Architecture

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Master of Music

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John Michael Yount, Bradford; B.Mus.; *Music*

Master of Science

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Stephen Ray Mateskon, Columbus; B.S. (Michigan Technological University); *Geology and Mineralogy*

Maureen Michelle Matosz, Bayonne, NJ; B.S.N. (Seton Hall University); *Nursing*

Renée Suzanne Mauche, Elmira, NY; B.A. (Geneseo State University); *Geology and Mineralogy*

Stephen Lee McClaskie, London; B.S. Agr.; *Agricultural Economics and Rural Sociology*

Susan Elaine Miller, Middletown; B.S.N. (Miami University); *Nursing*

Douglas K. Mills, Galloway; B.S. Agr.; *Bio-Medical Engineering*

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*

Pamela Beth Petrich, Dayton; B.S. All'd. Hlth. Prof.; *Home Economics*

Laura Florence Pettline, Medina, NY; B.S. (State University of New York at Fredonia); *Genetics*

Roy James Pettyjohn, Columbus; B.S. (Wake Forest University); *Computer and Information Science*

Janet Marie Puza-Dillin, Wickliffe; B.S.N. (Capital University); *Nursing*

Patricia Ann Reid, Granville; B.S.N. (Case Western Reserve University); *Nursing*

Ruth Marie Revere, Miamisburg; B.S.N. (Miami University); *Nursing*

Kelly Raymond Riedel, Geneva; B.A. (Ohio Northern University); *Computer and Information Science*

Robert Guy Rountree, Anchorage, AK; B.E.S.-W.O. (LeTourneau College); *Welding Engineering*

Mark Vincent Ruryon, Akron; B.S. (University of Akron); *Civil Engineering*

David Vincent Ryplen, Canton; B.S. (Walsh College); *Welding Engineering*

Patrick Marvin Schleitweller, Seattle, WA; B.S. (University of Washington); *Metallurgical Engineering*

Hsin-Der Shen, Taipei, Taiwan, R.O.C.; B.S. (National Chung-Hsing University); M.S.M.E. (University of Cincinnati); *Aeronautical and Astronautical Engineering*

Mary McCormick Skavarfil, Columbus; B.S.M.T. (Creighton University); *Allied Medical Professions*

Kathy Smoler Smith, San Diego, CA; B.A.; *Industrial and Systems Engineering*

Kyaw Soe, Rangoon, Burma; B.S. (Institute of Agriculture, Burma); *Agronomy*

Yonglin Song, Columbus; B.S. (Seoul National University); *Mathematics*

David Mark Steinhaufl, Auburn, CA; A.A. (Chabot College); B.S. (University of California-Davis); B.S. (California State University, Sacramento); *Geology and Mineralogy*

Carol Jean Stevens, Columbus; B.S. (Northern Kentucky University); *Microbiology*

Michael Phillip Stovsky, Cleveland; B.S.C.I.S.; *Computer and Information Science*

Khagendra Thapa, Gyaneshwor, Kathmandu, Nepal; B.Sc. (North East London Polytechnic); B.Sc. (Tribhuvan University, Nepal); M.Sc.E. (University of New Brunswick); *Geodetic Science*

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*

Susan Anne Tilgner, Grafton; B.S.; *Preventive Medicine*

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, Yungsho, Taiwan, R.O.C.; B.S.I.E. (Chung-yuan Christian University); *Industrial and Systems Engineering*

Tsu-Mei Wu Wong, Yungsho, 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*

Lisa Beth Youcum, Reading, MA; B.A. (Cornell University); *Entomology*

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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Chairman, Coordinating Council of Deans:
William A. Jensen

Vice Provost for the Arts and Sciences:
Thomas A. Willke

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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

Jerry L. Anthony, Columbus
Dorothea Marie Freeland, Amherst
Kathleen Mary Haas, Lakewood
Philip Severin Kinstle, Mansfield
Christine Ann Marlowe, Dover
Karl W. Martin, Columbus
Jacqueline Ann Orlando, Hubbard
Alan Joseph Zanyk, Mentor

Bachelor of Fine Arts

Kenneth Lee Blackwood, Columbus
Tammy Leigh Clark, San Antonio, TX
Lorrie Noel Dirkse, Columbus
Amie Suzanne Dowling, Cleveland Heights
J. Kevin Janow, Columbus
Jean Patricia Kelly, Columbus
M. Patrice Lampe, Worthington
Rebecca Lynn Leonard, Lexington
Gina S. Patterson, Dover
Margaret Esther Schulte, Columbus
Betty Ann Tepelides, Columbus

Bachelor of Music

James V. Maneri, Columbus
Anne Denune Stover, Bloomington, MN
Kevin Phillip Turner, Columbus
Sarah Ellen Wilson, Worthington

Bachelor of Art Education¹

Eileen Rose Freedman, Columbus
Lisa Sherri Malkin, Youngstown

Bachelor of Art Education²

Greta Ann Banner, Columbus
Lisa Dawn Kriss, Hallandale, FL
Renee Lynn Slack, Gahanna
Corinna Baingo Wilson, Columbus

Bachelor of Music Education²

Susan Diane Eleyet, Urbana
Mary Ann Hauck, Columbus
Judith Ann Kessler, Mt. Vernon
Philip Allen Lortz, Carey
Ralph J. Schroer, Cincinnati

Bachelor of Science in Audio Recording

James Clinton Glover, New Carlisle
Linda Ann Kabrisky, Beavercreek

Bachelor of Science in Industrial Design

Blair Scott Barnes, Marysville
Victor Donald Edwards, Alliance
Margaret Merrilee Lucas, Columbus

College of Biological Sciences

Dean: William A. Jensen

Bachelor of Arts

William Gregory Merrill, Lakewood

Bachelor of Science

Gregory Paul Brennan, Columbus
Susan Margaret Caspersen, Fremont
Karen Lynn Hale, Youngstown
Thomas P. Henry, Columbus
Carl Pete Klein, Chagrin Falls
Scott Westhaver Mader, Silver Lake
Heather Louise Maxwell, Toledo
Paula Jean Moody, Columbus
Mary Catherine Mooney, Cleveland Heights
David Edward Musci, Akron
Matthew Simon Nixon, Cincinnati
Meetha Gopal Pal, Bricktown, NJ
Erini Stephanie Papandreas, Lakewood
Michelle Ann Pomarico, Brunswick
Susan Doris Read, West Chester
Richard Arthur Rhoades, Orient
Douglas R. Shuster, Alliance
Jon Douglas Wenzel, Lorain

College of Humanities

Dean: G. Micheal Riley

Bachelor of Arts

Robert Frank Andrews, Delaware
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
Jay Richard Fulton, Columbus
Lorianne Gardner, Upper Arlington
Tara Lyn Gervels, Kinsman
JoAnne Hahn, Jamesburg, NJ
Gregory B. Hall, Coshocton
Aynne Elizabeth Hartman, Kent
William Riley Harvey, Jr., Springfield, VA
Gregg Patrick Hottman, Kenton
Tatyana Hrcan, Mansfield
Kenneth Robert Jones, Columbus
Marcus McKean Lombardi, Akron
Kristine Kay MacGillivray, Bellefontaine
Wendy Lyn Myers, Willoughby Hills
Jill Maureen Neikirk, Windham
Susan Beth Nuzum, Belpre
Thomas William Raith, Cleveland
Tracy Pernel Reed, Columbus
Susanne J. C. Sanaei, Columbus
Sarah Ann Sieling, Columbus
Alex Rimvydas Silbajoris, Oberlin
George John Titoras, Warren
Albert Ernest Theodore Wittkopp II, Gahanna
Benjamin Thomas Yokoyama, Jr., Wooster

College of Mathematical and Physical Sciences

Acting Dean: John O. Riedl, Jr.

Bachelor of Arts

Rebecca A. Beaton, Columbus
Jeffrey Hale Laws, Worthington
Andrew Gerald McCorkle, Columbus
Lorraine A. O'Brien, Oberlin
James Michael Sicking, Fairview Park
Michele Diane Wood, Bexley

Bachelor of Science

Lisa Michelle Anderson, Cincinnati
Jeff Donald Avina, Fayette
Scott Charles Bartholomew, Stow
Robert Melton Beck, Jr., Circleville
Judith Ann Butts, Jacksonville, FL
John Frederick Canaday, Columbus
Chris Lawrence Cermak, Strongsville
Lori Anne DeHaven, Lakewood
Stephen Frank DiFranco, Fredericktown
Steven Michael Fox, Beverly

¹Offered by the College of the Arts

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Gregory Joseph Frisch, Westlake
 Barbara Ann Hainon, Rochester, NY
 Melissa Louise Kallstrom, Hudson
 Phillip Brooke Kaufman, Lima
 Nancy Ellen Kimm, Columbus
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 Jerry Allen Kotchika II, Fairfax, VA
 Paula Loraine Maus, Lima
 Dianna Stacie Miller, North Ridgeville
 Monica Clare Miller, Columbus
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 John Richard Paver, Cambridge
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 James Michael Shaarda, Bellevue
 Jane Marie Skobrak, Columbus
 Alexander Trent Spalding, Columbus
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 Robert Craig Stevenson, Columbus
 Kathleen Helen Stoner, Mansfield
 Debbie Sung, Chillicothe
 Jeffrey Wendell Taranito, Columbus
 Rhys Edward Thomas, Lakeland, FL
 Eric M. VanHeyde, Columbus
 Neil Joseph Wise, Cincinnati
 Mark Dennison Wita, Lima

College of Social and Behavioral Sciences

Dean: Joan Huber

Bachelor of Arts

Lawrence P. Ackerman, Columbus
 Polly Jo Adams, Columbus
 Richard R. Allen, Columbus
 Charles Christopher Amato, Wellsville
 Yvette Marie Angel, Buffalo, NY
 Carol Klotz Aniolkowski, Hedding, NJ
 Nigel Nicholas Aiscott, White Plains, NY
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 Rhea Ballas, Pickerington
 Caroline Marie Baylin, Reynoldsburg
 Barry Scott Beck, Cincinnati
 Elizabeth Ann Bednar, Dublin
 Alisa Jo Black, Dallas, TX
 Heidi Michele Block, Youngstown
 Pamela Marie Boughner, Columbus
 Johnny Lyndale Brown II, Cleveland
 Abigail Ann Burnham, Columbus
 Douglas Winter Butterfield, Galion
 David Brian Caldwell, Reynoldsburg
 Catherine S. Carr, Mt. Vernon
 Karol L. Cassell, Grove City
 Michela Madison Christie, Delaware
 Wayne Ervin Cline, Jr., Sabina
 Kathleen Frances Coleman, Wilmington, DE
 Traci Renee Coleman, Warrensville Heights
 Frank Joseph Conti, University Heights
 Theodore Kyle Cooper, Birmingham, MI
 Todd Morgan Copley, Columbus
 Gail Marie Corvalan, Columbus
 Jeanine Karen Corvalan, Beachwood
 Margaret Lyndsey Creske, Dublin
 Dale E. Crum, Mt. Gilead

Deborah Sue Dechter, Cincinnati
 Gale Ann DeWalt, Crestline
 Sara Elizabeth Diaz, McLean, VA
 James Richard Dickhaus, Columbus
 James Phillip Dinsmore, Tipp City
 Rachel Ann Dolance, Wayne, WV
 Stanley Eugene Duke, Jr., Grove City
 Robert Louis Durlap, Mansfield
 Susan Leigh Dunmire, West Grove, PA
 Carol Sue Dyer, Columbus
 Daniel Forrest Eley, Columbus
 Ramon Fernandez, San Juan, PR
 Terrance Robert Finck, Newark
 Randall LeRoy Fritch, Prospect
 Ruth Leslie Gaberman, Findlay
 Barbara Ann Gaertner, Newark
 Cynthia Kay Gifford, Dublin
 Jack Philip Grant, Columbus
 Jennifer Serena Halliday, Heath
 Beatrice Renee Harris, New York, NY
 James Scott Haviland, Lima
 Anne Christine Hokanson, Jamestown, NY
 Scott Fremont Howell, Reynoldsburg
 Christine Nora Hunsinger, Cleveland Heights
 Peggy Sue Hunter, Columbus
 James Daniel Irwin III, Buffalo, NY
 Stephen Ivan Jeney, Columbus
 Mary Bridget Kearney, Cincinnati
 Paul Ellis Keathley, Worthington
 Joel Marc King, Cincinnati
 Denise Leah Koester, Centerville
 Mary Kay Kretschmer, Dayton
 Daniel Martin Krzyzanowski, Upper Arlington
 Robin Edwina Lampkin, Columbus
 Michael Brian Lane, Columbus
 Steven Michael Lape, Bexley
 Suzanne Laughlin, Columbus
 Eric John Lawrence, Pataskala
 Donna Ann Lentol, Lima
 Janet Lee Lichtensteiger, Van Wert
 Michael Jay Lieber, Columbus
 Robert A. Lormor, Galion
 Thomas James Lowry, Fairborn
 Susan Renee Marshall, Mansfield
 Cheryl Ann Martin, Olmsted Falls
 Steven Alan Master, Sylvania
 Joseph Mark Matyskella, Columbus
 Rossi C. McCarver, South Pittsburgh, TN
 Bonnie Sue McDonald, Rochester, NY
 Susan Marie McIntosh, Brimfield
 Robert Lawrence McKie, Jr., Cincinnati
 Timothy Paul McManis, Columbus
 James Phillip Mealler, Vermilion
 Michael Allen Meckstroth, New Knoxville
 Rodney Carl Meranda, Columbus
 David Christopher Merrill, Lakewood
 Blagoj Metodija Milenkovski, Columbus
 Donald Richard Miller, Jr., Mt. Gilead
 Pamela Ann Monroe, Sunbury
 Elizabeth Ruth Morgan, Cincinnati
 Tina Marie Moss, Westerville
 Cheryl Lee Muth, Cincinnati
 Joseph V. Osman, Sheffield Lake
 Paul Lentfer Pancner, Fort Wayne, IN
 Jennifer Carol Persons, Elyria
 Sharon C. Peterson, Lakewood, NJ
 Adam Peden Phillips, Columbus
 Benito Cruz Pina, Lima
 Scott Christopher Pitrone, Medina

Albert James Quinn III, Sylvania
 Kathleen Lori Radcliff, Columbus
 Bartley Alan Railing, Darville
 George T. Raney, Jr., Bellefontaine
 Deborah Ann Rawls, Cleveland
 Debbie Ann Renners, Centerville
 Alan L. Renuz, Buffalo, NY
 Jill Elaine Richardson, Jamestown
 James T. Ripke, Archbold
 Darla Joan Roberts, Toledo
 John G. Salmi, Parma
 Ann Marie Schroeder, Worthington
 Cynthia Anne Schueler, Akron
 Michael Alan Schulze, Columbus
 Stephanie Lynn Smith, Columbus
 Suzanne Annette Smith, Columbus
 Lisa Ann Spencer, Orient
 Larene Elaine Staats, Columbus
 Jacqueline Marie Stevens, Kettering
 Mark David Stieber, Cleveland
 Jane Louise Straughn, Massillon
 Henry Fritzen Taylor, Upper Arlington
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 Cynthia D. Todd, Cincinnati
 Nicholas Wesley Verdea, Lakewood
 Mary Kaye Wallace, Westerville
 Wendy Ann Wardell, Medina
 Judith Ann Webb, Newark
 Wayne Bernard Wernick, University Heights
 Tyson J. Wheeler, Grove City
 Donald Albert Whitcomb, Warsaw, IN
 Howard Gordon Wolfe, Jr., Johnston
 Donna Lee Wood, Gahanna
 Gady C. Zeewy, University Heights
 Samuel Philip Ziskin, Dayton
 Peter David Zoretic, Columbus

Bachelor of Science

Elyse Joy Bloomfield, Columbus
 Kimberly Faye Davis, Lima
 Penny Baker Drenten, Columbus
 Lori Marie Hougland, Mansfield
 Joseph John Kujaski, Brooklyn Heights
 Jennifer Stark Lucas, Elkhart, IN
 Wendy L. Mahle, Cleveland
 Janel Marie Peguignot, Centerville
 Terry Roy Satterfield, Columbus
 Richard Levon Sherman, Jr., Mansfield
 Caleb R. R. Strayer, Lima
 Daniel Dean Townsend, Columbus
 Orlando C. Valle, San Juan, PR
 Mark Richard Wasko, Hubbard

School of Journalism

Bachelor of Arts in Journalism

Melinda Kay Beer, Mansfield
 Margaret Ellen Biltz, Columbus
 Tracy Lynn Burnside, Whitehall
 Barbara Easton-Moore, Columbus
 Gwyn Annette Eichenauer, Celina
 Daniel Joseph Eifert, Worthington
 Lisa Monique Fry, Galloway
 Paula Jane Glatz, Granville

Mariene Kaye Harris, Toledo
 Rachel Ann Hayes, Tallahassee, FL
 Jennifer Aykward Kahn, Cincinnati
 Elizabeth Ann Kennedy, Rocky River
 Carol Ann Lapp, Coshocton
 Yvonne Lattimore, Cincinnati
 Karen Lynn Liepack, Whitehall
 George Eugene Litt, Petersburg
 Susan R. Marquart, Columbus
 Karen L. McCombs, Cincinnati
 Kristin Elizabeth Morris, Mansfield
 Susan Marie Mougey, Toledo
 Sheila Ann Rieser, Columbus
 Timothy Joseph Rosta, Zanesville
 John Mark Rowlinson, Yellow Springs
 Patricia Julia Sargeant, New York, NY
 Robert Scott Siegel, University Heights
 Angela Mae Smith, Worthington
 Connie Jean Snyder, Grove City
 Jeffrey Arthur Sobul, University Heights
 Regina L. Sodeika, Willard
 Frederick Joseph Stolly, Lima
 Tina Marie Thompson, Marion
 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
 Angela Lee Brahm, Salem
 William Harry Brandes, Jr., Columbus
 John Charles Brannon, Grandview Heights
 M. Craig Bray, Columbus
 Bernard J. Brinker, Wellsville, MO
 William Alan Brooks, Columbus
 Billy Lee Brown, Ironton
 Kenneth Karl Brown, Columbus
 Dawn Marie Brys, Mentor
 William Amateis Bubnis, Cincinnati
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 William John Burns, Hubbard
 Nicholas Anthony Buscemi, New Hyde Park,
 NY

Angela Keil Buster-Brassfield, Springfield
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 William Allan Chace, Loveland
 Arun Chawla, Columbus
 Peck Ying Chee, Melaka, West Malaysia
 T. Chungsangunporn, Bangkok, Thailand
 Mark Thomas Chupka, Columbus
 Francesco Ciotola, Columbus
 Barbara Sue Clark, Columbus
 Jeffrey Brian Clark, Columbus
 Jane Ellen Clarke, Lima
 John Michael Coggins, Jr., Dayton
 Kenneth Edward Cole, Westerville
 Frank Nunzio Comito, Westerville
 Douglas Frederick Cones, Marion
 Gary Paul Cool, Fostoria
 Andrew Carl Corbin, Columbus
 Craig Phillip Cowman, Worthington
 Laura Jean Crabbs, Shelby
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 Michael James Cummrine, Newark
 Kimberlyn Chris Cunningham, Cleveland
 Timothy Joseph Cunningham, Lakewood
 James Christopher Davidson, Ithaca, NY
 Patricia Diana Davis, Teaneck, NJ
 Sharon Louise Davis, Cincinnati
 Daniel Lee Day, Columbus
 Diann Elizabeth Denney, Jeromesville
 Julia Renee DeRosier, Columbus
 Diane Lynn Dietz, Duncan Falls
 Stephane Dawn Dinan, Zanesville
 Jack Christopher Dolance, North Olmsted
 Frank Louis Dorazio, Parma
 Michael Jon Dorsten, Kettering
 Phyllis Jean Dresden, Slippery Rock, PA
 Ralph Scott Durbin, Centerville
 Polly Suzanne Eiting, Versailles
 Richele Paula Emich, Akron
 Kimberly Stacy Emrich, London
 LeAnne Emswiler, Gahanna
 Randy Lee Faler, Coshocton
 Mark Allen Fallert, Gahanna
 Kimberly Ann Farmer, Circleville
 Donald Paul Faulhaber, Dresden
 Michael Ray Faulkner, Lancaster
 David J. Favata, Dunkirk, NY
 Margaret Diane Fee, Chagrin Falls

Sheila Marie Fidak, Wintersville
 Karen S. Fisher, Columbus
 Frederick Lewis Foster, Reynoldsburg
 Stephen Dale Fowler, Columbus
 Edward Joseph Fox, Columbus
 Mitchell Dean Free, Edgerton
 Lisa Beth Friedman, Cleveland
 Michael Sowards Gabriel, Columbus
 David Wayne Gallanis, Columbus
 Frank Leroy George, Botkins
 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
 Sheri Lynn Gray, New Holland
 David Lee Grieshop, Celina
 Eric James Griffin, Bejpre
 Jill Therese Gronbach, Gahanna
 David Brian Gross, Pepper Pike
 Robert Hajjar, Marion
 David Bartel Hapke, Columbus
 Carolyn Jeanne Harker, Youngstown
 Yvette Lucille Harris, East Orange, NJ
 Diana Kay Hartshorn, Newark
 Diane Sue Harty, Marion
 Dean Howard Hartzel, Columbus
 David Warren Hanwood, Ashland
 Catherine Joan Haskel, Columbus
 Jodi Lee Hayes, Wauseon
 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
 Ronald Eugene Hord, Jr., Columbus
 Gianna Maria Howard, Columbus
 Robert Sherman Hunn, Jr., Mansfield
 Donald P. Huith, Worthington
 Edward Lee Jackson, Hamilton
 Evan Boyd Jackson, Cleveland
 Donna Beth Jones, Chesterland
 Susan Marie Kallman, Wadsworth
 Julie Lynn Kendall, Hudson
 Pamela Renfro Kern, Columbus
 Carol Lynn Keslar, Lima
 John Francis Kirchner III, Columbus
 Cody Richard Kleine, Conway, SC
 John Francis Klempay, Youngstown
 David Norris Klopstein, Worthington
 James Lowell Koerner, Edgerton
 John Eric Kousaie, Kent
 Arthur Zoltan Kovessdy, Rocky River
 Joseph Anthony Kramer, Cincinnati
 Scott Douglas Kriil, Archbold
 John Edward Krutko, Columbus
 Metin Behzat Kurku, Upper Arlington
 Steven B. Kurtz, Mansfield
 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, Jeddideith,
 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 Bartolme, 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 McCoy, 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, Belaire
 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 Petrochilos, 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. Sjoestedt, 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 Stammen, New Bremen
 Michael Wayne Steinmetz, Willard
 Keith Wesley Stephens, Beaver Creek
 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
 John 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 Valerino, 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
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 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, Igbonla, Nigeria
 Charles William Anderson, Maumee
 Timothy Scott Atkinson, Columbus
 Amadou Lamine Ba, Theis, Senegal
 Pamela Jean Baer, Columbus
 William Adam Bakan, Hinckley
 Alice Adam Barber, Westfield, NY
 Brian Loyal Bichsel, New Philadelphia
 Roberta Jean Blauser, Newark
 Julie Ann Blike, Columbus
 David Cary Boeck, Jamestown
 Eric Martin Boyer, Columbus
 Elise Ann Boyer, 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 Schomauer, 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 Selers, 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, Geneva
Rebecca Sue Romick, Bursbank
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

Tijjani 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. Kozyris, Columbus
John E. Kuhn, Jr., Tiffin
Shawn Anne Lange, Kenton
Victoria Lynn Lechlara, 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 Maloy, 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 Mishel, Bauchi, Nigeria
Lucy Marie Mitchell, Newark
Pamela Dale Morgan, Worthington
Marcia Leone Muciek, Martel
Edward John O'Reilly, Boardman
Denetice 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
Julianne Speer, Dublin
Angela Lee Straub, Westerville
Susan Denise Struble, Forked River, NJ
John Patrick Sullivan, Chicago, IL
Scott P. Sundry, Worthington
Gregory Thomas Thurman, Columbus
Andrew W. Titus, Columbus
Nancy N. Turkal, Columbus
Rhonda Turner, Nashport
Wendy Jo Turoff, Mayfield Heights
Marilyn Tzagourmis, Boardman
Joni Lee Lindenwood, Marysville
R. Archie Walker, Columbus
Lori Suzanne Wallington, Mansfield

Laura Marcussen Wasson, Polk
Ellen Ann White, Newark
Brian Keith Wiggins, Columbus
Mark Anthony Wicheck, 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 Elen 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 Boye, 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 Latiff, 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. Ralfoul, Sao Paulo, Brazil
John Eric Rostovic, 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 Ektanipthong, Bangkok, Thailand
Timothy Allen Gerwin, Mansfield
Mitchell Graham Hall, Columbus
Farjo Sutikno Harsono, Semarang, Indonesia
Tarshad 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 Poehmann, 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 Wietekmann, 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. Ghantous, Beirut, Lebanon
Gerald Allen Golba, East Liverpool
Robert Stephen Gronski, Cleveland
Timothy T. Gruenhagen, Columbus
Inen 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 Samnan, Tripoli, Lebanon
Francis Gregory Snyder, 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
Jamelellil 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, Casstown
Scott David Schockling, Groveport
Paul Lawrence Syjbeck, Upper Arlington

Bachelor of Science in Surveying

Gregory Jon Drown, Fremont
Ralph Eugene Hillgas, 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 Caruso, 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 Galluta, 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, Chandlersville
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, Sugarcreek
Robin Lynne Stinebring, Wooster
Suzanne Louise Tekanic, Euclid
Elizabeth Mary Thoma, Columbus
LeeAnn Welch, Wauseon
Margot Cavell Wilcox, Columbus
Penny Lee Youkiis, 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. Beytigh

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 Bolte, Columbus
Julie Meister Buxton, Maineville
Molly Katherine Callahan, Gahanna
Lynn Susan Cameron, Columbus
Rebecca Ann Chambers, Columbus
Ricki Ley Collins, Columbus
Margaret Mary Conway, Fairfax, VA
Karen Ann Corridan, Cincinnati
Cathy Sophia Darrah, Canton
Kathleen Marie Davoran, Cincinnati
Susan Kathleen Dix, Dayton
Marjorie Dnuash, 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 Liebrecht, Continental
Michelle Marie Lucas, Steubenville
Jane Elizabeth Lurry, 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 Platanotis, 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
Suzan K. Heine, Columbus
Lamar Irene Love, Columbus
Barbara Lynn Neumann, Rocky River
Mary Alice Pleil, 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 Musselman
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 Shottis
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 Wilson Jacques
Mark Allen Leeman
Elizabeth Matheny Lerts
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.

* * *

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. Teaford, 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. Teaford, 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.

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 American 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.

February 6 and 7, 1986 meeting, Board of Trustees

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 Scholarship 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

The Harry G. Levy Memorial Scholarship
Fund in Law
(Scholarships - Lucas County) \$ 24,190.00

Tri-State Gun Collectors' Scholarship
Fund
(Scholarships - Lima Campus) \$ 20,000.00

Leota Leyda Balsizer Scholarship Fund
(Scholarships - Home Economics) \$ 10,000.00

The Charles Hiss Fund in Mechanical
Engineering
(Scholarships, graduate fellowships
and/or research support) \$ 6,000.00

Richard R. Medhurst Scholarship in
Social Welfare
(Scholarships - Social Work) \$ 6,000.00

Mark E. Ain Memorial Fund
(Scholarships - Social Work) \$ 5,000.00

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

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)

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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)

\$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)

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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 - 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

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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)

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.

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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 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.

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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.

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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 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.

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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)

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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,

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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)

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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)

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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)

\$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)

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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)

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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)

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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)

\$15,275.00 - 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

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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)

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

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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.

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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.

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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. Teaford, 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. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**EASEMENT
CITY OF COLUMBUS**

Resolution No. 86-84

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

**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. Teaford, 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. Teaford, 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.

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Minutes of the last meeting were approved.

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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. 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

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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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. Loebis

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.

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 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.

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
Forbes Estate Endowment for the Secret Arboretum with Special Considerations for the Garden of Roses of Legend and Romance (Rose garden enhancements and research)		\$100,000.00
The Everett D. Reese Biomedical Research Fund (Research in immunological sciences)		\$ 60,412.50
College of Mathematical and Physical Sciences Excellence Endowment Fund (Matching funds - chairs/professorships)		\$ 25,000.00
The Harold F. Mathis Memorial Scholarship Fund in Electrical Engineering (Scholarships)		\$ 15,000.00
The Frank Batley Memorial Fund (Lectures on radiation oncology/therapy)		\$ 10,215.50
Donald C. Chapman Cancer Research Endowment Fund (Support cancer research)		\$ 10,000.00
The Goldthwait Geology Fund (Scholarships)		\$ 10,000.00
The Gordon Grigsby Poetry Fund (Honoraria - visiting writers/poets)		\$ 10,000.00
Lois M. Jones Fellowship Fund (Fellowships in geological sciences)		\$ 6,000.00

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

THE OHIO STATE UNIVERSITY
OFFICE OF UNIVERSITY DEVELOPMENT

July through December
1984-85 compared to 1985-86

CONTRIBUTIONS BY DONOR TYPE

	Donors			Dollars		
	July through 1984-85	December 1985-86	% Change	July through 1984-85	December 1985-86	% Change
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

March 6 and 7, 1986 meeting, Board of Trustees
REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (cont'd)

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.

March 6 and 7, 1986 meeting, Board of Trustees
 REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

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	983,801	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

March 6 and 7, 1986 meeting, Board of Trustees

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. 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

March 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)

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)

March 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)

\$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)

March 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)

\$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)

March 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)

\$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)

March 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)

\$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)

March 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)

\$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)

March 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)

\$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)

March 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)

\$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)

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)

\$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)

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)

\$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)

March 6 and 7, 1986 meeting, Board of Trustees

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 Secret Arboretum
With Special Considerations for the
Garden of Roses of Legend and Romance**

The Forbes Estate Endowment for the Secret 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 Secret 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 Secret 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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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. Teaford, 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.

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 Bourgois III, Paducah, KY; B.Mus.Ed. (Murray State University); M.Mus. (University of Louisville); *Music*
Dr. Richard E. Burkart

Doctor of Philosophy

Ahed Mahmoud Abdulhalq, Zeita, 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 Arfield

Dennis Jay Alexander, Riverside, CA; B.A. (Oakwood College); M.A.; *Psychology*
Dr. Theodore R. 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 Ballga, 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. Paul M. Hansen

Tzuyu Chen, Taipei, Taiwan, R.O.C.; B.S. (National Tsing-Hua University); M.S.; *Metallurgical Engineering*
Dr. Susan Sniakowska

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. All'd.Hlth 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., Licenciata (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. Korosik

Shin Il Kang, Seoul, South Korea; B.A. (Hankuk University of Foreign Studies); M.A.; *Economics*
Dr. Donald O. Parsons

James Davison 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

Ernid 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. Sniakowska

- Tain-Dow Lee**, Tainan, Taiwan, R.O.C.; B.A. (Fu-Jen Catholic University); M.A. (Ohio University); *Education*
Dr. John C. Bellard
- 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. Eilichi 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 Orbovich**, St. Paul, MN; B.A. (Denison University); *Political Science*
Dr. Donald A. Syvan
- F. E. Ann Osborn**, London, Ontario, Canada; Mus.Bac., M.A. (University of Toronto); *Music*
Dr. A. Peter Costanza
- Rachel Karina Pannchenbacher**, 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
- Cabini Smith Swassing**, Monroe City, MO; B.A. (Benedictine College); M.A. (University of Connecticut); *Education*
Dr. Judy L. Genshaft
- 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 Kubcek, 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*

Jullanna Cormack, 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*
- Zeinab Rachty Hamdy**, Columbus; B.A.; *Education*
- Lance Scott Hemmerich**, Olmsted Falls; B.A. [Baldwin Wallace College]; *Health, Physical Education and Recreation*
- Charlene Brow Henderson**, Frederiksted, VI; B.S. [Catholic University of Puerto Rico]; *Health, Physical Education and Recreation*
- Cynthia Sue Henn**, Dayton; B.S.Nat.Res.; *Education*
- Michael Joseph Huels**, Versailles; B.S.; *Education*
- Lynn Reba Huston**, Mt. Sterling; B.S.Ed. [Ohio University]; *Education*
- Elizabeth Josephine Hutchinson**, 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 Lutzar**, 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 Lipsky 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 Milinek**, 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 Nlimps**, 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 Pomerenz**, Longview, WA; B.A. [Pacific Lutheran University]; *English*
- Matthew Byer Raiston**, 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 Skurov**, Cincinnati; B.S. [University of Cincinnati]; *Education*
- Moon Hyun Song**, Seoul, South Korea; B.B.A. [Seoul National University]; *Business Administration*
- Marvin 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 Tarman**, 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 Vohsing**, 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 Mielnick**, 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*

Evangela 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. Barmitz, 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 Chandra, 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*

In-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 Chevrier, 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); *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*

Alex Downie III, Youngstown; B.S.C.E.; *Civil Engineering*

Nasser Daoud El-Ali, Saidaon, Lebanon; B.S. (Cairo University); *Civil Engineering*

Thomas Clyde Elliott, New Concord; B.S.Agr.; *Agricultural Education*

Mark Jonathon Ellis, Monroe; B.S. (Utah State University); B.S.Surv.; *Geodetic Science*

Cheryl Anne Emmons, Tipp City; B.S.N. (Capital University); *Nursing*

Fariba Faridmoayer, Columbus; B.A. (University of Kansas); *Home Economics*

Nancy Elizabeth Folz, Springfield; B.H.S. (University of Kentucky); *Allied Medical Professions*

Charlee Beth Gallik, Baltimore, MD; B.S. (University of Maryland); *Agricultural Economics and Rural Sociology*

Kenneth John Gangl, Huntsville, AL; B.S.; *Welding Engineering*

Elaine Ann Gomez, Youngstown; B.S.N. (Youngstown State University); *Nursing*

Marco Antonio Gonzalez-Garita, Heredia, Costa Rica; B.S. (Universidad Autonoma De C.A.); *Agricultural Economics and Rural Sociology*

Shrinivas Govindarajan, Madras, Tamil Nadu, India; B.Tech. (Indian Institute of Technology, Kanpur, India); *Metallurgical Engineering*

Ralph Thomas Greco, New Kensington, PA; B.S.; *Industrial and Systems Engineering*

Richard Edward Hand, Columbus; B.A. (Otterbein College); *Biophysics*

Asri Hasan, Arau, Perlis, Malaysia; B.S. (University of Salford); *Civil Engineering*

Gunaja K. Hebbur, Secunderabad, A.P., India; B.Eng. (Osmania University); M.B.A. (Indian Institute of Management); *Computer and Information Science*

Elizabeth S. Henry, Columbus; B.S.H.E.; *Home Economics*

Dyl Hou, Taipei, Taiwan, R.O.C.; B.S. (Chinese Culture University); *Horticulture*

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*
- Hou-Wa Jeng**, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); *Computer and Information Science*
- Gregory Kenneth Johnson**, Russell, KY; B.S.Chem.Eng. (University of Kentucky); *Chemical Engineering*
- Kathy Arne 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*
- Kevin Adam Kayle**, Kent; B.S.Nat.Res.; *Natural Resources*
- 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*
- Jung-Yong Kim**, Seoul, South Korea; B.A. (Hanyang University in Seoul); *Industrial and Systems Engineering*
- Alexander Charles Kirlik**, Bay Village; B.S.I.S.E.; *Industrial and Systems Engineering*
- Yong Ko**, Kwangju, South Korea; B.S. (Korea University); *Animal Science*
- Eleri G. Kouglia**, Thessaloniki, Greece; Diploma (University of Thessaloniki); *Civil Engineering*
- Aidla Krishnaswamy**, Cleveland; B.S. (University of Madras); M.Arch; *Computer and Information Science*
- Wolfgang Kurupkat**, Westerville; B.S.; *Geology and Mineralogy*
- Kin Yue Albert Lai**, Hong Kong, Hong Kong; B.S.E.E.; *Electrical Engineering*
- Philip Hong-Tat Law**, Austin, TX; B.S.E.E. (Virginia Polytechnic Institute); *Electrical Engineering*
- Joyce Ann Lee**, Columbus; B.S., M.A.; *Computer and Information Science*
- Yune Ming Charles Lee**, Taipei, Taiwan, R.O.C.; B.S. (National Cheng Kung University); *Industrial and Systems Engineering*
- Stephen Patrick Lewis**, Columbus; B.S.Nat.Res.; *Natural Resources*
- Kuang-chen Li**, Taipei, Taiwan, R.O.C.; B.S. (Tamkang University); *Civil Engineering*
- Donald Alan Lieb**, Norton; B.S.E.E.; *Electrical Engineering*
- Dubidan 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 Lubka**, 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*
- Robin Sue Malone-Dickmann**, Mt. Vernon; B.A. (Miami University); *Food Science and Nutrition*
- Deirdre Dianne Mason**, Parma Heights; B.S. (Ashland College); *Home Economics*
- Michael Joseph Mayes**, Livonia, MI; B.S.Civil Eng. (Michigan State University); *Welding Engineering*
- Robyn Lynn McCreary**, Upper Sandusky; B.S.Nurs.; *Nursing*
- Michael Dayton Merz**, Ashland; B.S.E.E.; *Bio-Medical Engineering*
- Gil 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*
- Christopher Fru Ngalla**, Bamenda, Cameroon; B.S. (Portland State University); *Agronomy*
- Muriel Schneider O'Connell**, Columbus; B.S.Nurs.; *Nursing*
- Pamela Jane Odson**, Mansfield; B.S. (Capital University); *Nursing*
- Tin Htut Oo**, Rangoon, Rangoon, Burma; B.Ag. (Institute of Agriculture, Burma); *Agricultural Economics and Rural Sociology*
- 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*
- Sanjiv Prabhakaran**, Bombay, Maharashtra, India; B.E. (Shivaji University); *Electrical Engineering*
- 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*
- Vilupanur Awar Ravi**, 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*
- Marsha Lynn Richey**, East Palestine; B.S.Agr.; *Agricultural Education*
- Danette Kay Richman**, Bristolville; 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*
- Jun Salto**, Shogoma-City, Miyagi, Japan; B.S.E.E. (Tohoku University); *Electrical Engineering*
- Cathy Sue Schafer**, Columbus; B.S. (Miami University); *Allied Medical Professions*
- Mark S. Schleppl**, Groveport; B.S.Agr.; *Agricultural Economics and Rural Sociology*
- Imgard Gruenberg Schubert**, Reynoldsburg; B.S.Nat.Res.; *Natural Resources*
- Anthony P. Sharon**, Iselin, NJ; B.S. (Newark College of Engineering); *Industrial and Systems Engineering*
- Ding-zhu Shi**, Shanghai, P.R.C.; B.S. (Fudan University); *Metallurgical Engineering*
- Sugie Shim**, Seoul, South Korea; B.S. (Seoul National University); *Physics*
- Yasuhito Shimizu**, Yokohama, Kanagawa, Japan; B.E.Met.Eng.M.E.Met. Eng. (Yokohama National University); *Industrial and Systems Engineering*
- Kathleen Sue Shisler**, North Lawrence; B.S. (The University of Akron); *Home Economics*
- William Philip Shulaw**, Cridersville; D.V.M.; *Veterinary Preventive Medicine*
- Aian 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*
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- 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*
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- Yiling Catherine Tien**, Columbus; B.Mus.; *Computer and Information Science*
- Della Eng Treaster**, Columbus; B.A. (Oberlin College); *Industrial and Systems Engineering*
- Archibaldo 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 Wawe, 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:
Andrew J. Broekema

Vice Provost for the Arts and Sciences:
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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

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Susan Jean Barringer, Mansfield
Jonathan Reginald Cooper, Cleveland
Thomas Robert Enesev, Columbus
William Brian Farmer, Griffith, IN
Jonathan Marc Herzenstein, South Euclid
Wayne Wilson Lyons, Worthington
Thomas Brandt Mentz, Greensboro, NC
Teresa M. Pummel, Columbus
Christine Renee Roy, Groveport

Bachelor of Fine Arts

Barry Dean Andrews, Columbus
Dyrk Michael Ashton, Perrysburg
Sarah Tobitt Freeman, Worthington
Ann Selden Livingston, Columbus
Monica Marie Mitro, North Royalton
Elizabeth Anne Reichel, Bexley
Ira Russo, Manshasset, 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 Strymkiw, 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 Education²

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
Kelly Sue Tomaszewski, Whitehouse

Bachelor of Science in Industrial Design

Daniel Lee Eckel, Columbus

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 Fennessy, 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 McElderry, 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 Koblentz, 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
Srivalli 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
Frederick Steven Zaner, Columbus

College of Mathematical and Physical Sciences

Acting Dean: John O. Riedl, Jr.

Bachelor of Arts

Douglas E. Aisdorf, 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 JoAn 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

Mark Robert Hageman, Dayton
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 Mullan 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 Wentzaff, Worthington
Steven T. Yee, Columbus

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
Kevin Robert Kenyon, Akron
Wendy Elizabeth King, Woodstock, NY
Andrew J. Knaezek, 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
Cari L. Sanders, Richmond
Kim Aletha Sanders, Lancaster
Lisa Louise Scaggs, Mt. Sterling
Jami Lynn Schwartz, Cincinnati
Marie Baker Scott, Columbus
Michael P. Scott, Columbus
Nicasio Silvero, Madrid, Spain
Jane Lee Simmons, Norton
Steven E. Stacy, Tiffin
JoAnne Marie Steuder, Columbus
Timothy Allen Swank, Upper Arlington
Carol Ann Tackett, Piketon
Vicki Lee Trapp, Gallon
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Derek L. Villalobos, Columbus
Thomas Joseph Walsh, Columbus
Charles Linsley Webster, South Euclid
Karri Marie Weeda, Dayton

John Lee Weisman, Greenville
Johnerik 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
David William Cain, Grove City
Cathleen Marie Calahan, Lorain
Ronald Kevin Cope, North Canton
Sandra Jean Crawfis, Bellefontaine
Vera Lill Enesey, Upper Arlington
Stephanie Ann Ford, Upper Arlington
Steven Edward Hartlage, Columbus
William Lance Hunt, Worthington
Leonard W. Leeman, Cincinnati
Juliana Marinkovich, Campbell
Danielle Nicole Sims, Woodfield
Mery Northrup Smith, Richwood
William Dean Stockler, Lima
Randall Phillip Walker, Xenia
Sheila Westerhausen, Findlay

School of Journalism

Bachelor of Arts in Journalism

Brian D. Ackley, Salamanca, NY
Veronica Annette Allen, Columbus
Sabrina Jo Bolus, Brooklyn, NY
Stephen Wayne Brenner, Bucyrus
Robert Werner Brichmann, Chardon
Brian Bursack, Columbus
Nancy Michele Decker, Columbus
Patrick John Dittoe, Lyndhurst
Nancy Ann Glenn, Columbus
William Burrell Hall, North Lewisburg
Cynthia Kay Hedrick, Warren
Robert Dean Irvin, Zanesville
Paul Allan Kalcik, Middleburg Heights
Ellen Knight, Cincinnati
Karla Rae Kobasiar, Louisville
Douglas James May, Cincinnati
Angela Onafowora, Newark, NJ
Suzanne Maria Priore, Columbus
Linda Leigh Pritchard, Columbus
Julie Truck Targe, Columbus
Daniel Robert Verdon, Granville
Michael J. Wainscott, Cincinnati
Nancy Anne Wolfe, Columbus
Eric David Wygle, Marion

College of Administrative Science

Dean: H. Justin Davidson

Bachelor of Science in Business Administration

Jennifer Lynn Abernethy, Steubenville

Esther Mary Achtner, 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 Weiss 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
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 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
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 Joseph Michael Ceneskie, Columbus
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 Joel Leonard Colyer, Zanesville
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 Marcia Elaine Crawford, Cincinnati
 Julie Diann Crotuf, Massillon
 Eric Joseph Davis, Cincinnati
 James Alan Davis, Amanda
 Tamara Lee Davis, Columbus
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 Susan Colleen Dennis, Wilmington
 Lan Linh Do, Columbus
 Ray Anthony Doce, Mentor
 DeAnni 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. Fimmel, 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 Friebl, Shelby
 Kristen Margaret Friend, Columbus
 Lilly Ann Fronista, Dayton
 Barbara Lyn Furniss, Harrisburg
 Claudio Gagliardi, Jr., Middleburg Heights
 Michael Lee Gahan, Furlong, PA
 Gienn Edward Gamary, Lakewood
 Ann Teresa Garman, Akron
 James Thomas Ghegan, Jr., Gahanna
 Julie Elizabeth Gilbert, Dayton
 Michael Joseph Godles, Elyria
 Robert Richard Gojdics, Warren
 David Philip Goldstein, Cleveland
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 Christine M. Gordon, Garden City, NY
 Mary Ellen Grant, Columbus
 Gregory Joseph Greve, Botkins
 Eric Vonn Griffith, Steubenville
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 William Michael Grogan, Cincinnati
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 Robert Curtis Gwinn, Hilliard
 Kimberly Renée Harden, Cleveland Heights
 Kris S. Hausser, Bexley
 Scott Allen Heidlebaugh, 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
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 Ann Gail Karrick, Worthington
 Karen Cathleen Kennedy, Cincinnati
 Edward F. Kilbane, North Olmsted
 Kenneth Jon Kindler, Lexington
 Sharon June Kochheiser, Lexington
 James Markee Kramer, Akron
 Louis Jacob Kull III, Cincinnati
 Nicholas Raymond Lang, Worthington
 Bruce Edgar Lawhun 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 Alan Palevsky, Pepper Pike
 Keith Edward Parker, Westminster, MD
 Carrie Lynn Peake, Apalachin, NY
 Laura Lee Penler, 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 Reht, 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 Schroeffer, Marion
 Daintria Winsor Schuster, Columbus
 Billie-Jo Schwieterman, Columbus
 Mark Douglas Sellers, Columbus
 Keith Joseph Sharrick, 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 Irs, 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
 Phillip 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 Kaye 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 Aiden, 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, Bealsville
 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, Belville
 Martha Ann Gonzalez, Cincinnati
 Richard John Griffin, Lancaster
 Bradley Ray Harmon, Martinsville
 Michael Joseph Hlavaty, North Royalton
 William Craig Jones, Chagrin Falls
 Lee Michael Kiingshirm, Avon Lake
 John Paul Knapp, Shelby
 Anthony John Kramer, Wapakoneta
 Sharon Marie Lamson, Guemsey
 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 Saylor, Columbus
 Martin Jude Tremmel, Norwalk
 David Richard VanBuren, Kirkersville
 Douglas Mark VanVliet, Cincinnati
 Truc Ngoc Vo, Columbus
 Holly Elizabeth Waidelich, 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 Isenagle, 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-Weidinger, 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, Wauhatchie
 Christopher Scott Keener, Dalton
 Delynn Rose Koenig-Culp, Wooster
 Michael Joseph Krai, Euclid
 Gregg Allen Lillemon, 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
Debra 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
Shareen June Crabbs, Warren
Debby Lou Cumbow, Lima
Abdulqadir 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 Gursim, Fairview Park
Michael John Halter, Gallipolis
Janice 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 Sharrer, 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 Boroff, Van Wert
John David Groeneveld, Celina
Horst Gunter Helmke, Centerville
Robert Keith Longstreth, Rickenbacker ANGB
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 Dewesse 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
Caren Suzanne Layer, Silver Lake
Michael L. McCormick, Parkersburg, WV

Civil Engineer

Sung-Kwon Kim, Seoul, Korea

Bachelor of Science in Civil Engineering

Bilal Baker Al-Hanbali, Nabtu, 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
Tarin Loytong, Bangkok, Thailand
Mat Mauger, Pataskala
Bradley Ray Nadolson, Newark
Kok Weng Ng, Penang, Malaysia
John Wenzel Panovsky, Casstown
Michael Thomas Perkowski, Dover
Preston Curtis Rivers, Cleveland
Thomas Michael Roman, Akron
Azzam Ghazi Sankari, Tripoli, Lebanon
Meng Thong Siah, Raub, Parhng, Malaysia
Philip Neal Stormer, Nevada
Hung Hoang Thai, Columbus
Mohamed Yousef 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 Elligott, Galion
Craig Douglas McLean, Westerville
Jeffrey Scott Payne, Chagrin Falls
Dario Alonso Restrepo, Miami, FL
Scott A. Rhine, Oberz
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 Pek, 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 Bradfield, 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 Gilfert, Athens
Lisa Lynn Gulajski, Cuyahoga Falls
Shelly Gupta, India
William Charles Gurley, Fairport Harbor
Essia Hamouda, Tunis, Tunisia
Kevin Leonard Hedrick, Waynesfield
Shiwu Hoe Hey, Batu Pahat, Johor, Malaysia
Kevin Patrick John, Shelby
Michael John Kaminski, Columbus
Phillip 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 McDermit, 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 Oii 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. Slikowski, 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
Phillip Scott Hartnagel, Orrville
Richard Lee Hubbard, Cleveland
Richard Blake Johnston, Blanchester
Ricky Martin Kelly, Heath
John William Kessler, Columbus
Dale Eric Kondik, Mentor
John Joseph 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 Willers, Parkman
SyVester 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, Eton
Cheryl Ann Urig, Columbus
Elizabeth Ann Watters, Strongsville

Bachelor of Science in Nutrition

Laurie Lynn Arsenault, 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, Buckland
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 Pilioid 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. Battocletti
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
Cynthia Kaay Inglis
Tammy Kennedy
Paul Albert Kohnhorst
Richard Wayne Lambert
Amy Irene Leggett
Ann Selden Livingston
Bruce Don McCoy
Craig Alan McElderry
Julie Ann McKinley
Craig Douglas McLean
JoAnne Metzlish
Tracie Elizabeth Monroe-Slone
Kenneth Joseph O'Brien
Martin Wesley Park
Mary Kay Pohlmann
Bradley Steven Powers
Scott A. Rhine
Rebecca Jean Rose-Weidinger
Sivalli 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.

* * *

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

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

**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. Moorers joined the faculty of Radiology at the University of

April 3 and 4, 1986 meeting, Board of Trustees

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.

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)

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)

\$45,000.00 - National Aeronautics and Space Administration, Washington, DC, Cellular Polarity and Interactions in Plant Gravisperception, 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 Hyperkinesia: 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)

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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.

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 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.

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 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.

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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.

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

(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.

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

- (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.

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

(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 sub-committees 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

May 1, 1986 meeting, Board of Trustees

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.

May 1, 1986 meeting, Board of Trustees

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

May 1, 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)

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, Electro-Science 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, Omni-directional 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)

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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 - 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 - Dobyms-Bennett High School, Kingsport, TN, Technical Assistance for Dobyms-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)

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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. Teaford, 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. Teaford, 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. Teaford, 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.

May 1, 1986 meeting, Board of Trustees

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 Fatmy 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 Beaty, 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 Bianco, 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

Sirinimit 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 Budhran, 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

Sahwarun Chahwanichsiri, 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 Chii, Tainan, R.O.C.; B.A. (National Chengchi University); M.A.; *Education*
Dr. Johanna S. Destefano

Shu-Chen Chien, Columbus; B.S. (National Taiwan Normal University); M.A.; *Education*
Dr. C. Ray Williams

Ronald Coy Comer, Dublin; B.S. (University of Illinois); M.S. (University of California at Los Angeles); *Education*
Dr. Keith A. Hall

Richard Alan Couch, Pomeroy; B.S.Pharm.; *Pharmacy*
Dr. Carter L. Olson

Patricia Mary Daly, Cork, Ireland; B.A. (University College Cork); M.A.; *Education*
Dr. John O. Cooper

Patricia Johnson Dalzine, Hattiesburg, MS; B.S. (Texas Southern University); M.S.W. (University of Houston); *Social Work*
Dr. Robert M. Ryan

Jean A. Dobos, Fairview Park; B.S. (Notre Dame College); M.A. (Cleveland State University); *Communication*
Dr. John W. Dimmick

Ellen Kay Lyle Douglas, Columbus; B.S. (Bowling Green State University); M.S., M.A.; *Psychology*
Dr. John Gibbs

Debra L. Epstein, Columbus; B.S. (Sargent College-Boston University); *Anatomy*
Dr. Martha E. Sucheston

James Aurthur Farmer, Waterloo, IA; B.A. (University of Notre Dame); M.A., M.S.W. (University of Northern Iowa); *Social Work*
Dr. Milton Rosner

Ross Matthew Feltes, Kalamazoo, MI; B.S. (Western Michigan University); M.S. (Northern Illinois University); *Zoology*
Dr. Tim M. Berra

Harry M. Flower III, Port Aransas, TX; B.A. (University of Texas); M.F.A. (University of Minnesota); *Theatre*
Dr. Donald R. Giancy

Fredric Yat Sing Fok, Vancouver, BC, Canada; B.A.Sc. (University of Waterloo); M.S.; *Electrical Engineering*
Dr. David L. Moffatt

Richard John Gargan, Southboro, MA; B.A. (Providence College); M.A. (University of Cincinnati); *Education*
Dr. Gilbert A. Jarvis

Jacob Astor Gayle, Jr., Lancaster, NY; B.A. (Oberlin College); M.S., M.A.; *Health, Physical Education and Recreation*
Dr. Philip Heit

- Teresa Anne Geers**, Cuyahoga Falls; B.S. (University of Akron); M.S.; *Microbiology*
Dr. Neil R. Baker
- Christine N. Gerber**, Columbus; B.A. (Dunbarton College of The Holy Cross); M.A.; *Education*
Dr. Susan Jones Sears
- Charles Edward Hall, Jr.**, Columbus; B.S. (Xavier University); M.S.; *Aeronautical and Astronautical Engineering*
Dr. Gerald M. Gregorek
- Richard Cooper Hall**, Columbus; B.A. (Vanderbilt University); M.A.; *History*
Dr. Carole Rogel
- Won Hun Ham**, Incheon, South Korea; B.S. (Seoul National University); M.S. (Illinois State University); *Chemistry*
Dr. Leo A. Paquette
- Michael C. Hansen**, Westerville; B.S., M.S. (Ohio University); *Geology and Mineralogy*
Dr. Stig M. Bergstrom
- Jacqueline Madeleine Hara**, Granville; B.A. (Tufts University); M.A.; *Romance Languages and Literatures*
Dr. Salvador Garcia
- Daniel James Howard**, Dallas, TX; B.A. (Ohio Wesleyan); M.S.S.A. (Case Western Reserve University); M.A.; *Business Administration*
Dr. Robert E. Burnkrant
- Steven John Huber**, Cincinnati; B.A. (University of Cincinnati); M.A.; *Psychology*
Dr. Harvey G. Shulman
- Udoh Charles Itauma, Ekei**, Cross River State, Nigeria; H.N.D. (Polytechnic of Wales); Graduate Diploma (North East London Polytechnic); M.A., M.A.; *Education*
Dr. Virgil E. Blanke
- Kelly Michael Jackson**, Kimball, WV; B.S. (Marshall University); *Medical Microbiology and Immunology*
Dr. Caroline C. Whitacre
- Priscilla Jane Dickinson Jarboe**, Columbus; B.S. (University of Evansville); M.A. (University of Iowa); *Home Economics*
Dr. Barbara M. Newman
- Laurie Beth Joseph**, New Haven, CT; B.S. (George Washington University); M.S.; *Pathology*
Dr. Howard Newman, Dr. Ralph E. Stephens
- Shing-Her Juang**, Taipei, R.O.C.; B.C. (Soochow University); M.S. (Tsing Hua University); *Statistics*
Dr. Douglas Wolfe
- Barbara Ann Kachur**, Syracuse, NY; B.A., M.A. (State University of New York at Albany); *Theatre*
Dr. Alan Woods
- Ming-Lai Kao**, Taipei, Taiwan, R.O.C.; B.S. (National Chiao Tung University); M.S.; *Electrical Engineering*
Dr. Fusun Ozguner
- Randy Barbara Kaplan**, Astoria, NY; B.A.; M.A. (State University of New York at Albany); *Theatre*
Dr. Alan Woods
- Daniel J. Kaufman**, Vandalia; B.S. (Southern Illinois University); M.B.A. (University of Dayton); M.S. (Wright State University); *Business Administration*
Dr. Edward Kane
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Caren Nitschke, Worthington; B.A. (DePauw University); *Labor and Human Resources*

Miriam Jones Schenkenberger, Massillon; B.A. (University of Toledo); *Labor and Human Resources*

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Master of Landscape Architecture

Anita Anne Ruiz, Columbus; B.A. (University of Maryland); *Landscape Architecture*

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Master of Liberal Studies

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Master of Music

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Robert Harris Crawford, Louisville, KY; B.A. (The College of Wooster); *Music*

Jeffery Wayne Long, Morristown, TN; 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

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Master of Science

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- 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 Dalley**, 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**, Wilmore, AK; B.S. (Dillard University); *Social Work*
- Bonnie Lee Edinger**, Wayneville; 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*

Madelaine 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 Rifa, 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 Shisko, 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 Marletta 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. Wifke

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 Pawizak Flugge, 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
Emile 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 Klingenberg, 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
Karia 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 Colter, 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, Wintersville
Michael Kevin Noland, Columbus
Jennifer Susan Riffe, Centerville
Debra 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 Liningar, 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 Sharkis, 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 Csar, 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, Beavercreek
Jay Bradford Fell, Findlay
Kathleen Marie Fischer, Cincinnati
Amy Elizabeth Fianary-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 Gallun, South Euclid
Connie Annette Geidenberger, 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 Ellisworth 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. Schläfer, 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
Jasem Mohamed Yousof, United Arab Emirates

David Scott Ziska, Brecksville

College of Humanities

Dean: G. Micheal Riley

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, Worthington
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 Boggis, 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. Doinger, 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
Grechen 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 Meiner, 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 Voitz, 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 Wineiland, 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
 Giona 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 Rohick, Columbus
 Freddie P. Romeo, Lorain
 Robert Alan Schweikert, Akron
 Paul Charles Shin, Westlake
 Douglas George Singer, St. Clairsville
 Gregory Turcay, 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 Chaboni, 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 Durlap, 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 Lempke, 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
 Leslie Renee Ellis, Columbus
 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 Rathborne, 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 Tegarden, 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. Abood, 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 Beryo, 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 Brees, Sylvania
 Marion J. Breidenbach, Canal Winchester
 Kevin Michael Brennan, Westerville
 Howard Bruce Brenner, Columbus
 Christine Elizabeth Brewster, Akron
 Sarah Kaye Brill, Wilmington, DE
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Peter Lee Palmer, Columbus
Hun Joo Park, Seoul, Korea
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Lorrie Ann Paul, Steubenville
Darren Rudolph Pavesi, Northvale, NJ
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Terrence Wesley Penrod, Toledo
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Mania Isidro Price, Chandlerville
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Luke William Starkey, Westerville
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Ann Elise Vincke, Kettering
Yolanda Vines, University Heights
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Matthew Gerard Vosmik, Lyndhurst
Simina Vouris, Wickliffe
Jane Elizabeth Wade, Sandusky
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Whitney Ellen Wallace, Wheelersburg
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Kevin Joseph Walsh, Lima
Teri Lynn Washington, Gahanna
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Dorothy Elizabeth Wittschen, North Ridgeville
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Keith Orrin Young, Newark
Timothy Alan Zerwick, Columbus
Lori Ann Zimmerer, Columbus

Bachelor of Science

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Karl Arthur Behling, Columbus
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Linda-Maria Federici, Moorestown, NJ
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Aaron Michael Fritz, Akron
Ronna Leah Gerson, Beachwood
Walter Arthur Green, Cleveland Heights
Adele Marie Guernica, Lima
Allison Jill Guttman, Cincinnati
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Kylene Jane Humphrey, Columbus
Jeannine Marie Jannot, Mt. Vernon
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Larry Howard Keilin, Beachwood
James Hill Kerr, Ashland
Dean Eric Larkins, Elyria
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Lisa Lynn Lord, Westerville
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John Louis MacDougall, Alexandria, VA
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Stephen Douglas Pittman, Centerville
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Patricia Ann Prince, Strongsville
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Sharon Elena Vigder, Akron
Charles David Warner, Wheelersburg

Dane Rebecca Watkins, Steubenville
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School of Journalism

Bachelor of Arts in Journalism

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College of Administrative Science

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Stephen Walter Bruns, Kettering
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Choy Fong Chung, Singapore
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 Scott Norman Engle, Cincinnati
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 Timothy Joseph Fiedler, Kettering
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 Randall Mark Gabel, Tiffin
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 Stacey Herschelle Green, Columbus
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 Rosemary Carol Griesmer, Cleveland Heights
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 Barbara Ann Hapner, Vandalia
 Charles Fitzgerald Harbaugh, Lancaster
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 Mark Alan Hersch, Mayfield Heights
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 Susan Jean Hoffman, Marblehead
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 Tahir Iqbal, Lahore, Pakistan
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 James Merrill Johnson, Cincinnati
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 Scott William Johnson, Sylvania
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 Kevin Charles Jones, Dayton
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 Mark Allen Kalnasy, Brook Park
 David Louis Kamnikar, Lorain
 Alex Louis Karras, Canton
 Michael Joe Kaucher, Toledo
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 Robert Heller Kempe, Youngstown
 Kraig Eesley Kemz, Columbus
 Alan Lee Kennard, Athens
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 Lance Wade Kesterson, Columbus
 Janya Kiatratanakorn, Columbus

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 Kevin Philip Kipfinger, Ashland
 James Francis Kirchner, Columbus
 Kathleen Kirlik, Bay Village
 Curt James Klein, Columbus
 Jon Dana Kleinke, Portsmouth
 Amy Lynne Klinebriell, Stone Mountain, GA
 Michael Irvin Kling IV, Dayton
 Kurt Daniel Klodnick, Brecksville
 George Robert Knoske, Newton Falls
 Brooke Ellen Knowles, Clayton
 Leo John Koch, Cincinnati
 Tami Claire Koenigsberg, Columbus
 Tatyana Margaret Kofman, South Euclid
 Nancy Leigh Kolbe, Columbus
 John Robert Kolodey, Elyria
 Laurie Jean Arnold Kopf, Sunbury
 James Chris Koutras, Canton
 Robert Francis Krautsak, Mt. Prospect, IL
 Taras Marion Kravec, Parma
 Edward Daniel Kravitz, Powell
 Sharon Ann Kremer, St. Henry
 Allison Krisher, North Canton
 Kimberly Joan Kroh, Canton
 Lauren Jayne Kunkle, Worthington
 Kimberly Kay LaBier, Mansfield
 Sheila Gay Lafferty, Franklin
 William Clifton Laidly, Jr., Centerville
 Brian Edward Lake, Canton
 Linda Louise Lake, Mansfield
 David Patrick Lamb, Livonia, MI
 Sharon Barbara Lamprinakos, Boston, MA
 Carol Lynn Landis, Akron
 Gregory Ellis Langermeier, Rocky River
 Anita Brooks Laster, Cleveland
 Kevin Michael Lawrie, Pataskala
 Anthony Randolph Lawson, Columbus
 Michael E. Lenhart, Columbus
 Sunday Dawn Leopard, Marion
 Joel David Leslie, Upper Sandusky
 Kim Robin Levin, Dublin
 Michael Anthony Levitsky, Lakewood
 Howard Samuel Levy, Cincinnati
 Mark Edwin Lewis, Franklin
 William George Lias, Columbus
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 Scott Lindeman, Canal Winchester
 Philip Earl Lindner, Columbus
 John Douglas Linzinmeir, Columbus
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 John Keith Little, Continental
 Michael David Little, Middletown
 Yok Yeong Loh, Penang, Malaysia
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 Pauline A. Low, Perrysburg
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 Roy M. Lydic, Jr., Youngstown
 William Frank Lyon, Georgetown
 David Christopher Mack, Dayton
 Gregory Scott Mackanos, Marion
 Jon Kenneth Mackie, Mt. Vernon
 Karen Ann Macklin, Upper Arlington
 George Kenneth Malina, Aurora, IL
 Gus John Marcy, Toledo
 Beth Ann Manifold, Kettering

Amirah Mansor, Kuala Lumpur, Malaysia
 Siti Norsidah Mansor, Kedah, Malaysia
 Lyn Margret Mansperger, Bellevue
 James Warren Margulies, North Brunswick, NJ
 James Robert Marietti, Steubenville
 Lisa Kim Marling, Dublin
 Gina Lee Marlowe, Worthington
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 Mary Jane Martin, Columbus
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 Greg Alan Matherly, Clayton
 Cynthia Ann Matthias, Malvern, PA
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 Donald Manuel Mayes, Canal Winchester
 Leigh A. Mayes, Gallipolis
 Douglas Frank Mays, Centerville
 Deborah Kay McBrayer, Toledo
 Jon David McCabe, Middletown
 Maureen McCabe, Dayton
 Leo Arthur McCann, Gahanna
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 Diane Elizabeth McCorkle, Akron
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 John David Meder, Chesterland
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 Albert Domenic Melchiorre, Columbus
 Kerrigan Smith Mendicino, Berea
 Michael A. Mercurio, Columbus
 Paul Murray Meredith, Troy
 Steven Ray Merkle, Wapakoneta
 Bruce Evard Meyer, Antwerp
 Kevin Patrick Meyers, Columbus
 Cynthia Ann Miles, Akron
 Beth Ann Miller, Madeira
 Lawrence David Miller, Columbus
 Erik John Mills, Defiance
 Thomas O'Connor Mischler, Rochester, NY
 Glenn Anthony Miskel, Marion
 David Max Moller, Ringwood, NJ
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 Beth Elaine Moore, Montpelier
 Daniel Douglas Morgan II, Columbus
 Stanley Kyle Morgan, Worthington
 Barry Ira Morris, Shaker Heights
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 Mary Ellen Morris, Newark
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 Michael Lee Moser, Columbus
 John Bates Mowat, Brantford, Ontario, Canada
 Marilyn Eileen Mower, Columbus
 Norsisah Muda, Kelantan, Malaysia
 Tami Leigh Mullins, Bucyrus
 Vivian I. Mumaw, Worthington
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 Michael John Murphy, Seven Hills
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 Edna Cecile Nedrick, New York, NY
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 Ann Marie Nelson, Hudson

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 Jason Eric Neuman, Lima
 Judith Elaine Neumann, Newark
 Kathleen Patricia Newell, Strongsville
 Mien Thanh Nguyen, Columbus
 John Leland Nichol, Centerville
 Dana Lee Nixon, Bellefontaine
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 John Charles Noel, Fostoria
 Mary Lynn Noll, Coldwater
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 Jeffery Randall Norris, Oregonia
 Daryl Edwin Noss, Gibsonburg
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 Suzanne Marie Nutt, Columbus
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 Thomas Michael O'Donovan, Cincinnati
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 Daniel DeFord Oglevee, Rye, NY
 Amy Marie Ogrinc, Euclid
 Timothy Edward O'Guinn, Marion
 Kwang Tae Oh, Seoul, Korea
 Brian D. Olson, Naperville, IL
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 John Charles Palazzo, Lorain
 Sharon Annette Palermo, Rochester Hills, MI
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 Thad Joseph Paskell, Columbus
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 Michael Louis Paul, Newark
 Michael Dennis Pawlecki, Toledo
 Deborah Jean Paxton, Johnstown
 Jennifer Anne Paxton, Westerville
 John Lockwood Payne, Tiffin
 David Alan Pettit, Reynoldsburg
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 James Anthony Pianalto, Akron
 Dorothy Anne Pier, Akron
 Mark Anthony Pickard, Dayton
 Russell Scott Pierce, Bellville
 Kirk Berner Pierson, Columbus
 Susan Cathrine Pitt, Westerville
 Rick William Plieninger, Mansfield
 Douglas Allen Poffenberger, Mason
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 Heidi Renee Popadych, Chillicothe
 Jacob John Popovich, Boardman
 Mary Carolyn Porter, Toledo
 Brian Patrick Powell, Cincinnati
 Thomas H. Prewitz, Columbus
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 Brian Lawrence Preston, Tipp City
 Carrington Dwayne Price, Columbus
 David Brian Price, Toledo
 Gregory Jay Price, Westerville
 Robert Winfield Price, Marietta
 Sripong Pumpipat, Bangkok, Thailand
 Renee Sue Puzzuoli, Columbus
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 Jane Ann Raterman, Sidney

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 Robert Farris Reilly III, Kettering
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 Bryan James Reinhart, Tiffin
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 Timothy Scott Renshaw, Columbus
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 Gregory Michael Revak, Boardman
 Norman Paul Reynolds, Wayne
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 Sheryl Lynn Shape Risner, Bellefontaine
 Thomas G. Roberts, Canfield
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 David Owen Robinson, Freeport
 Kimberly A. Robinson, Circleville
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 Scott Lee Robson, Reynoldsburg
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 Michael William Roderer, Dayton
 Jonathan Talbot Rodriguez, Scotia, NY
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 Chris John Rollins, Liberty Center
 Thomas P. Roney, Vestal, NY
 William Patrick Rooney, Findlay
 Ronald Glenn Roth, Columbus
 Charles Nathan Rowland, Huber Heights
 Marcia Sue Rudner, Canton
 Paul Andrew Ruess, Wauseon
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 Stephen W. Russell, Bay Village
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 Paul Joseph Rutter, Worthington
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 Stephen Neale Samp, Cincinnati
 Jeffrey Charles Sanders, Urbana
 Kathy Sanders, Brownsville, TN
 Robert H. Sanford, Columbus
 Scott John Savage, Holland
 Harley Jay Saxby, Marion
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 Lisa Michelle Schneider, Akron
 Anita Ann Scholler, Mansfield
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 Christian John Schurman, Louisville, KY
 Linda Kay Schwaiger, Trotwood
 Eric Lee Schwalm, Moreland Hills
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 Collin Erik Seely, Galion
 Jeffrey A. Seifert, Uniontown
 Sherry Regina Selover, Wapakoneta
 Richard W. Sensenbrenner, Troy
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 Shari Beth Shapiro, University Heights

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 Dennis Todd Sheets, Columbus
 Tonya Earlene Sheets, Portsmouth
 Melinda Sue Shepherd, St. Clairsville
 David Leo Sherman, Eastchester, NY
 Aletha Mae Shipley, Portsmouth
 Mark William Shortt, Owen Sound, Ontario, Canada
 Mong Cheng Sim, Singapore, Singapore
 Peck Sin Sim, Singapore, Singapore
 Cheryl Ann Simecek, Solon
 Muhieddine Musbah Sinno, Beirut, Lebanon
 Gary David Slaughterbeck, North Baltimore
 Jeffrey Lee Slinger, Massillon
 Gary Allen Smith, Columbus
 George Anthony Smith, Lambertville, MI
 Marc Edward Smith, New London
 Patrick Allen Smith, Columbus
 Ralph Joseph Smith, Akron
 Susan Curry Smith, Marysville
 Susan Michele Smith, Columbus
 Beth Lynn Smylie, Moreland Hills
 Kay A. Snare, Columbus
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 Linda Jeanne Snook, Framingham, MA
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 Boon Swee Soh, Singapore, Singapore
 Kong Fah Soong, Singapore
 Coral Oswald Soule, Middletown
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 Stephen Andrew Springer, Columbus
 James Richard Stamets, Painesville
 John David Stanton, Mansfield
 Rodney Alan Stastrny, Mansfield
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 Joseph Michael Steinbauer, Toledo
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 Kevin Paul Stevenson, New Philadelphia
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 Todd Hugo Thobe, Minster
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Sonya Lynn Thomas, Columbus
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 Hadley A. Thompson, Salineville
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 John Theodore Tomak, Jr., Louisville
 David John Tomko, Cuyahoga Falls
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 Michael K. Topalian, Chagrin Falls
 Russel P. Toth, Alliance
 Robert H. Tourt, Columbus
 Thor William Triplett, Columbus
 Daniel Andrew Trueman, Sylvania
 Savvas Steven Tsofias, Akron
 Robert George Tweardy, North Ridgeville
 David J. Umbarger, Mansfield
 Daniel Howard Ungar, South Euclid
 JoEllen Urnston, Hamilton
 Bernard Aiphonse Van Antwerp, Grosse Pointe Park, MI
 Robert Willem Van Diest, Circleville
 Arlene Elizabeth Van Horn, Highland Heights
 Mark Robert Van Horn, Loudonville
 Richard Ray Van Horn, Reynoldsburg
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 J. Eric Vaughan, Columbus
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 Carla Ann Vesselle, Novelty
 Pamela Sue Vickers, Newark
 Edgar Villacis, Jr., New York, NY
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 Valerie Vlahos, Amherst
 Michael A. Wahl, Cincinnati
 Joseph John Waina, Mentor
 Mary Elizabeth Waina, Mentor
 Thomas Michael Walbrun, Cincinnati
 Robert Lawrence Walker, Dayton
 Shawn Crawford Wallace, Columbus
 Richard Louis Walliser, Tiffin
 Carol Lynn Walsh, Euclid
 Teresa Marie Walters, Kettering
 Scott Stanley Waniewski, Toledo
 Tamara Sue Ward, Akron
 Kelly Lynn Ware, Sidney
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 Scott Nicholas Warner, Louisville
 Malia Diane Warnock, Centerville
 Daniel Robert Warren, Columbus
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 James Jerome Waters, Rocky River
 Avery D. Watson, Dayton
 Thomas William Watson, Cuyahoga Falls
 Brian Eugene Watts, Columbus
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 Julia Eileen Webster, Columbus
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 Nicholas Todd Weikert, Henderson, KY
 James Eric Weimerskirch, Tiffin
 Susan Jean Weir, Reynoldsburg
 Laura Lee Weisgarber, Massillon
 William Brian Weisgarber, Lima
 Richard G. Weiss, University Heights
 Anne Christine Wellner, North Olmsted
 John Glenn Wells, Steubenville
 Eric Jay Weltman, Solon
 Stephanie K. Wewurski, Fairborn

Angela Kay Weyant, Covington
 James Kent Wheeler, Northbrook, IL
 Leslie Ellen White, Mt. Vernon
 Lee Hampton Whiteley, Kingsville, TX
 Barbara Alice Wilcox, Cincinnati
 Charles Evans Wilcox, Columbus
 Ellen Elizabeth Wilcox, Springdale
 Gregory Winston Wild, Dayton
 Robert Scott Williams, Cincinnati
 Timothy Dan Williams, Columbus
 Christine Elizabeth Wilson, Hinckley
 Joseph David Wilson, Richmond Heights
 Mark Richard Wilson, Sidney
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 Stacy Lynn Wires, Marion
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 Carla Jean Wolfinger, Grove City
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 Paul William Woznicki, Delaware
 Susan Elizabeth Wuorinen, Columbus
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 Richard Thomas Zahn, Tiffin
 Jeffrey Donald Zeisler, Galion
 Mira Newell Zeisler, Galion
 Michael Alan Zelle, Canton
 Thomas Charles Zengel, Dayton
 Christine Marie Zimmer, Columbus
 Steven Randolph Zipes, Dublin
 Virginia Zrebiec, 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

Brenda Eileen Anderson, North Hampton
 Jonathan Charles Atherton, Monroeville
 James D. Atkinson, Columbus
 Lynn Frank Ault, Caledonia
 Sara Jean Baker, Chadds Ford, PA
 Leslie Elizabeth Barnes, Orlando, FL
 Larry Allen Baumgard, Vincent
 Bonnie Lydia Bell, Prospect
 Scott William Benedict, Stanley, NY
 Michael Alan Berring, Covington
 David Lawrence Besecker, Laura
 Kelly Anne Bican, Garfield Heights
 Robert Allen Bidlack, Oakwood
 Glen Robert Blackwood, Springfield
 Kathy Jo Brautigam, Wapakoneta
 Richard Gerard Brill, West Mansfield
 Mindy Sue Burke, Grove City
 William Henry Burkhardt III, Lowell
 John Joseph Callahan, Orient

Ronald James Carnegie, Loudonville
 Todhunter James Chiles, New Bremen
 David Keith Clawson, Cortland
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 Brian G Davis, Grove City
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 Gregory Lawrence DiCenzo, Columbus
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 Mark Robert Doseck, Jackson Center
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 Janice Joy Dresbach, Circleville
 Matthew William Duncan, Hinckley
 Dennis Arnold Eifel, Columbus
 Karl William Elder, Pleasantville
 Ruth Tewksbury Ernst, Mt. Sterling
 Daniel Edwin Etzler, Van Wert
 Janice Kathleen Evans, Gallipolis
 Scott Allen Evans, New Paris
 Neal Hamilton Ferguson, Marysville
 Craig Lamar Finney, Springfield
 John Kennedy Fitzgerald, Willoughby Hills
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 Shery Beth Glenn, Greenwich
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 David Wesley Grant, Kettering
 Jean Marie Gravenkemper, Springfield
 Mark Alan Guenther, Piqua
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 Christopher Todd Haidet, North Canton
 Michael Scott Halderman, Eaton
 Susan Patricia Hanlon, Worthington
 Jon Marvin Harmon, Bluffton
 Tina Sue Harrington, Columbus
 Grant Eric Hellwarth, Celina
 Gerald Arthur Heskett, Columbus
 Chase Robert Heyman, Norwalk
 Harold Oliver Hichman, Columbus
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 Brian Douglas Hill, Zanesville
 Theodore Donald Holthaus, Minster
 Kay Ann Honaker, Alliance
 James John Honigford, Coldwater
 Robin Ann Houdeshell, Arlington
 Jeffery Charles Huber, Milan
 Stephanie Lucile Huber, Medina
 Lisa Kay Hug, Edon
 Edward Joseph Jackson, Galion
 Dawn Marie Jedlinsky, North Royalton
 Matthew Harlan Jeffers, Columbus
 Jon Scott Johnson, Columbus
 Raymond Albert Kagy, Helena
 Mary Jo Kahle, Cloverdale
 Keith Sherman Kaiser, Columbus

Sheila Rae Kanuckel, Walhonding
 George Anthony Keatley, Kirtland
 Sandra Elaine Kinnison, Newton Falls
 Karen Maxine Knabel, Bainbridge
 Rex Allen Kripe, Pleasantville
 Eric Reid Knopp, Columbus
 Richard Kevin Koehler, Sunbury
 Mark Alan Kolb, Oxford
 Olaf Goetz Krause, Lake Jackson, TX
 Charles Robert Krietemeyer, Fort Jennings
 Dale Arnold Krukemeyer, Pemberville
 Debra Lynn Kukulinski, Pery
 Linda Sue Kuns, Green Springs
 Donald Lewis Lamb, Circleville
 Todd Milton Lane, Plain City
 MaryLee Lause, Delphos
 Jack Edward Levy, Columbus
 Sandra Lee Lewis, Huntington, WV
 Craig William Long, Bucyrus
 Andrew Mitchell Lynd, Johnstown
 Diane Kay Matkoskey, Youngstown
 James D. McBride, Kenton
 David Alan McElwain, Bergholz
 Linda Elizabeth McLean, Dayton
 Kirk Edwin McOullin, Wauseon
 Kenneth Joseph Mettler, Painesville
 Dennis Michael Miller, New London
 Barbara LouAnn Mills, Martinsville
 Melissa Jane Moore, Adrian, MI
 Keith Allen Nestor, Wooster
 Christopher Neil Nottke, Huron
 Cheryl Ann Noyes, Wooster
 Valerie Sue Parks, New Concord
 John William Paschal, Middletown
 Franklin Eugene Piper, Dorset
 David Jefferson Pollock, Mt. Sterling
 Charles Eric Price, Mt. Vernon
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 Daniel Alan Rapp, Columbus
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 Mark Joseph Rauen, Oxford
 Shawn Eugene Ray, Cumberland
 Kirk David Reese, Warren
 Gregory Paul Richter, Little York, NJ
 Kermit Edwin Riehle, Edgerton
 Troy Edward Rigel, Leipsic
 Mary Ann Roberts, Wadsworth
 Carol Sue Robertson, Columbus
 Sharon Elaine Rohr, Canal Fulton
 Bret Wytan Roof, Gahanna
 Gerard Lucien Rouvrais, Red Bank, NJ
 Danny Michael Schafer, Findlay
 James Timothy Sexton, Celina
 Amy Louise Sherman, Bellevue
 John Garlough Shuey, Springfield
 Joseph Emmanuel Skinner, Logan
 Russell Lewis Smith, Portsmouth
 Dorrie Lyn Speckman, West Mansfield
 Laura Ann Spencer, Columbus
 Douglas Lynn Stacy, Green Springs
 Cynthia Renee Stein, Dalton
 Michael John Stovicek, Vermilion
 Jeffrey Brent Sutton, Circleville
 Penny Shares Swetescy, North Ridgeville
 Marlin Charles Szturm, Middletown
 James Matthew Taylor, Baltimore
 Richard Jaye Trumppower, Columbus
 John Vincent Urbas, Cleveland
 Gregory James Vandegrift, Minerva

Jay Howard Van Gorden, Hamilton
Eric Steven Vanzant, Washington Court House
Ted Jonathon Vermillion, Dunkirk
Robert Leedy Vickers, Loudonville
Laura Jean Viethaber, Canal Fulton
Brian Todd Vogt, Wickliffe
Daniel Joseph Vorhis, Lebanon
Catherine Diane Watts, Massillon
Frances Beth Weaver, Troy
Anthony Jerome Wenning, Yorkshire
Warren Samuel Wernick, University Heights
Roxanne Marie Wilms, Salem
Janise Ann Wilson, Columbus
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William Edward Yeager, Mt. Vernon
Ann Elizabeth Yersavich, Columbus
Gretchen Sue Zarle, Lexington, MA
Loretta Davis Zimmerman, Radnor
Karen Marie Zuelzke, Fostoria
Jeffrey Paul Zwiebel, Wapakoneta

Bachelor of Science in Food Science

Jill Ann Alexander, Xenia
Isaac Jerry Pearson, Jr., Cincinnati
Sungsoon Pyo, Cleveland
Jennifer Lynn Shoup, Orrville
Tisha Jane Simeral, Reynoldsburg

Bachelor of Science in Food Technology

David Wayne Calvin, Defiance
Debra Rebecca Curtwright, Cincinnati
Janeen Marie Hahn, Gates Mills
Martin James Hahn, Bellevue
Daniel Raymond Kastor, Sandusky
Peggy Lynn Morrison, Dola

Bachelor of Science in Nutrition

Jamie Lynn Bero, St. Louisville
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

Ray A. Arrowood, Reynoldsburg
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Rodney Dale Barnette, Orient
Renee Lisa Bauer, Macedonia
Edward Albert Bettross, Campbell
Elizabeth Joan Boyer, Warren
Lori Lynn Bullen, Milford
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Nancy Ann Curtis, Worthington
Sarah Roney Dalton, Columbus
Kara Maureen Downey, Worthington
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Robert Pierce Graham, Reynoldsburg

Terence Gerard Habermehl, Wilmington
Linda Sue Hanlon, Centerville
Larry Dean Hanna, Mt. Gilead
Thomas William Howard, Centerville
Shannon Lisle King, Middletown
Dawn Marie Klatt, Brookpark
Kevin Daniel Klingler, Kenton
Gregory Edward Kostenko, Winnipeg, Canada
Karen Marie Kramer, Fairlawn
Marilyn Jo Kuhl, Milan
Steven Carl Kursman, Cleveland
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Kimberly Dene Maxwell, Worthington
Stacy Meadors, Dayton
Paul Murray Meredith, Troy
Ronald Bennett Meyers, Dayton
Douglas Eugene Miller, Tipp City
Jeffrey Robert Nehls, Port Clinton
Neal Thomas Oberholtzer, Fremont
Keith Wayne Orr, Circleville
Jon Richard Peddemors, Tipp City
Joan Carol Raasch, West Chester
William Damien Reed, Plymouth, MI
Doreen Madelene Robb, Fairfield
Irene Kay Sawyer, Columbus
Terence Edward Seidel, Columbus
Terry Paul Shryock, Dover
Steven Barrett Siam, Canton
Harry Scott Sowers, Cincinnati
Jerry Dean Stevenson, Martinsville
Craig Allen Stewart, Loveland
Douglas Eugene Straight, Columbus
Rosalie J. Suggs, Columbus
Cynthia Susan Tommey, Worthington
Michael Joseph Tonkovich, Warren
Helian Adrienne Tuch, Cincinnati
Katherine Lynn Wauben, Delphos
Joseph Edward Wendt, Cincinnati
Randall Scott Wilson, Toronto

Agricultural Technical Institute— Wooster

Associate in Applied Science

Kathleen Maria Ashby, Perrysville
Todd Allen Bechtel, Curryville, PA
Richard John Beck, Canton
Timothy Roger Below, Rising Sun
Deborah Renee Blankenship, Massillon
Geoffrey R. Blind, Norton
Larry James Bock, Salem
John Leroy Brandon, Jr., Southington
David Lee Brehm, Arcanum
John Frederick Burnett, Burton
Ashley Byrd Carrell, Hiram
Judith Kathleen Carson, Wooster
Diane Marie Chenevey, Apple Creek
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Douglas Paul Collins, Toledo
Beth Ann Odenkirk Conrad, Loudonville
Ann Marie Dicitino, Akron
John Christopher Dick, Shelby
Daniel Leo Discepoli, Bridgeport, NY
Darin James Dureiko, Euclid
Steven E. Evans, Stow

John Alan Fahrer, Delta
Lyle Charles Fisher, Woodsfield
Jeanette Marie Fox, Massillon
Robert Craig Frase, Carrollton
Judith Elaine Freppon, Cincinnati
Jacqueline Joy Goldner, Warren
Craig Denver Graver, Columbus
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Steven Dean Haip, Mansfield
John Raymond Heitbrink, Minster
Garrett Lee Heilwarth, Ceina
Mitchell Edward Hibbard, Elida
Stephen Wayne Hohler, Port Clinton
Carl Brian Holstein, North Royalton
Roger Thomas Homier, New Bavaria
Steven L. Honeycutt, Hudson
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Christal Hope Lakoshi, Canton
Michael John Lamers, Loudonville
Marian Lanchman, Highland Heights
Luke Thomas Lang, Wooster
Julie Anne Leas, Greenville
Elmer K. Leeper III, Dover
John Nick Lioecs, Wadsworth
Rodney Eugene Long, Harrod
Brian Scott Lowe, West Salem
Therese Marie Lualdi, 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
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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
B.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, Eron
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
B.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. Pourmoghadam, 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. (Xavier 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 Zanolidakis 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

Eileen 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, Chandlersville

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
Barbara 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
Jody Louise Canfield, Reynoldsburg
Kimberly Joan Carney, New Lexington
Jamey 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
Candolyn 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 Dirsch, 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 Edgington, Columbus
Laura Jean Eichinger, Chester
Jon Allen Enyart, Fairborn
Anne Amelia Ervin, Delphos
Pamela Sue Eyink, Coldwater
Dina Jo Falbo, Shadyside
Julianne Coyne Fausel, Rocky River
Jeannie Marie Feurer, Westerville
Marcia Lee Flaig, Lebanon
Christine Marie 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, Ashtand
Lori Diane Kodish, Akron
Carolyn Price Kraner, Marion
Michael T. Krieger, Maumee
Donald Emanuel Krolak, Columbus
Mark Wayne Kryling, Findlay
Kathryn Louise Kubik, Whitehall
Mary 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
Ailse Mangan, 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 Beitzhoover 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
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 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, Kearnis, 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 Oven, 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 Restucco, 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 Saitzman, Beachwood
 MaryLynn Dorothy Sauli, 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 Suckles, 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
 James 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, Sr. 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. Tolt, 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
 Elen 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 Istiartre, 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 Matthew 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 Stauffer, 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 Hulbert, Poland
Bipender Swarup Jindal, Columbus
Kenneth Herbert Keuchel, Tallmadge
Donald Eugene Kneir, Harrison
Sandra Lee Kowaleski, Indianapolis, IN
Daniel Jay Littlefield, Marietta
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, Bkfaya, 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 Díaz, Valencia, Venezuela
Vincent Mark Guzzo, Columbus
Harjeet Singh Hardev Singh, Spohn, 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
Heige 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 Glidden, 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 Zolgas, 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
 Jeffrey Andrew Berrie, Fairborn
 Richard Allen Bost, 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
 Phillip Earl Hoffer, Columbus
 Peter Lloyd Holmes, Perry
 Eugene Hudock, Highland Heights
 Gerald Alan Hunt, fronton
 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
 Duouo 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
 Melvin Calibag Marcelo, Louisville
 Sean Martin McCarthy, Bay Village
 James John 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 J. Throckmorton, Huber Heights
 David Gregory Toth, Euclid
 Warren Paul Toth, Geneva
 Robert Edward Truthan, Akron
 Hong Tsai, Wahuu, Hubei
 Steve Wilson Turner, Columbus
 James Adam Utrecht, Cincinnati
 Kirk David Urmey, 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 Hidingar, 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 Hall 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 Machehmel, 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 Niermeyer, 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 Loraine
 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. Bessette, 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 Cottrill, 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, Alvada
 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 Nofmimer, 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, Puxnuttowney, 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 Blewins, 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 Steigerwald, 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, Benslyn, 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 Silliman, 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 Dewney, Reynoldsburg
 Donald Robert Fosnight, Covington
 Colleen Lynn Hart, Worthington
 Timothy C. Hawk, New Philadelphia
 Kevin K. Kemmer, 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
 Choe Choy Ng, Seremban, N.S.
 John Paul Paszke, Groveport
 Michael J. Pierry III, Seven Hills
 Norizza 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 Boister, Cleveland Heights
Heidi Sue Brewer, Marengo
Julie Jo Brookhart, Piqua
Kristen Lyn 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, Winterville
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. Hantshorn, 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
Adèle 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 Seling, Upper Arlington
Susan Dana Serafini, Martins Ferry
Julie Ann Silk, Columbus
Sarah Lyn Smalley, Jackson Center
Brenda Sue Smith, Columbus
Susan Lyn 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 Emille-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)

Richard Alan Cole, Dayton
Bachelor of Philosophy (Miami University)

James Patrick Connors, Cleveland Heights
B.A. (Miami University)

Curt Douglas Cooper, Ashland
B.S. (Ashland College)

Maureen Corcoran, Lakewood
B.A. (Kenyon College)

John Robert Cummins, Cincinnati
B.A. (Northwestern University)

Barbara Diane Dalis, Youngstown
A.B. (Wellesley College)

William Ray Damsel, Worthington
B.S. (United States Military Academy)

Mark Richard Dancer, Traverse City, MI
B.A. (University of Colorado)

Carol Anne Davis, Greenfield
B.A.

John Roger Davis, Newton Falls
B.A. (Miami University)

Linda Miller Doyle, Columbus
B.S., M.A. (Ohio University)

David Patrick Dureska, Canton
B.S.

Jean Marie Duval, Westfield, NJ
B.S. (Case Western Reserve University)

Teresa Ann Earley, Gahanna
B.S. (Northwestern University)

Mark Scott Edelman, Shaker Heights
B.A. (University of Michigan)

Barbara Ann Farnbacher, Dayton
B.S.Ed.

Jeffrey Charles Ferkol, Mentor
B.A. (Kent State University)

Matthew Finnegan, Marion
A.B. (Ohio University)

Sean P. Finnegan, Columbus
A.B. (Wabash College)

David Louis Fish, Cincinnati
B.A. (University of Cincinnati)

Judith Marie Fisher, Kent
B.A. (Kent State University)

Brendan Allen Ford, Caldwell, NJ
B.S. (Miami University)

Gail C. Ford, Columbus
B.S., M.S.W.

Jill Christine Freshley, Alliance
B.A. (Case Western Reserve University)

Gary Elmer Friedhoff, Cincinnati
B.A., M.S. (University of Cincinnati)

William Dixon Fullerton, Columbus
B.A. (Yale University)

Tina Ann Galgher, Bowerston
B.S. (Miami University)

Gregory George Gallas, Independence
A.B. (Ohio University)

Rita Marie Garry, Mentor
B.A. (John Carroll University)

Susan Beth Gellman, Milwaukee, WI
B.A. (Brandeis University),
M.S. (Columbia University)

Pamela Suzanne Gibson, Brookfield, WI
B.S. (Carroll College)

Robert Scott Gilmore, University Heights
B.A. (University of Cincinnati)

Kathryn Lynne Girardat, Cochranton, PA
B.A. (The Pennsylvania State University)

Lawrence Allen Glassmann, Cincinnati
B.A. (University of Cincinnati)

Kenneth Anthony Golonka, Jr., Richmond Heights
B.A. (University of Notre Dame)

Linda Marie Gordon, Delaware
B.S.

Jannai Charlana Goslee, Hebron, MD
B.A. (Hampton Institute),
M.A.

Herman Edward Gregory III, Cleveland
A.B. (Kenyon College)

Kathleen Strange Gross, Huntington, WV
B.S. (Temple University),
M.S. (SUNY College, Buffalo)

Donell R. Grubbs, East Liberty
B.A. (Ohio Northern University)

Andrew Henry Haas, Lakewood
B.A., B.S.

Scott Aaron Halpert, Beachwood
A.B. (University of Michigan)

Derek Spraker Hamalian, Athens
B.S. (Ohio University)

Alicia Marie Handwerk, Fredericktown
B.A. (Ohio Northern University)

Constance Picolia Harris, Pinehurst, NC
B.A. (University of Massachusetts)

David Wendell Herrington, Mantua
B.A. (Clemson University)

Barbara Turney Heussler, Cleveland
B.A. (Middlebury College)

Michael Allen Hiener, Marietta
B.S.Nat Res.

Christie Annette Hill, Haskins
B.A.

Ruth Ann Hretz Hohl, Columbus
B.A. (Xavier University)

Ronald Lee House, Alliance
B.S. (Miami University)

David Edward Hull, Dayton
B.A. (University of Michigan)

Steven James Hulsman, Eastlake
B.S. (Malone College)

Dale Angela Hunte, New York, NY
B.S. (Brooklyn College)

Robert Louis Hust, Columbus
B.A.Jour.

Peter Anthony Igel, Upper Arlington
B.S. (Miami University)

David John Isaac, Madison
B.A. (College of William and Mary)

Dean Lawrence Jacob, Marion
B.A. (University of Notre Dame)

Kelly Michael James, Zolfo Springs, FL
B.S., B.A. (Washington State University)

Scott Zelman Jelen, North Canton
B.A. (Kent State University)

James Michael Jones, Westerville
B.A. (Miami University)

Amy Elizabeth Kellog, Avon Lake
B.B.A. (University of Toledo)

Scott Allen King, Columbus
B.A.

Elizabeth Ida Kiovsy, Columbus
B.A. (Northwestern University)

Neil Edward Kingshirm, Avon Lake
B.B.A. (Kent State University)

Stuart Michael Kodish, Akron
B.A.

Taso William Konstantacos, Canton
B.A., B.A., M.A. (Ohio University)

Ruth Anne Koutras, Canton
B.S., M.S.

Anne Margaret Kozelek, Columbus
B.A.

Jonathan Todd Krassenstein, Shaker Heights
B.S. (Miami University)

Randall K. Lacey-Jordan, Columbus
B.A. (Amherst College)

Steven Gerard LaForge, Columbus
B.A., M.A. (University of Illinois)

Joseph R. Landusky II, Hilliard
B.A. (Bowling Green State University)

Jeffrey Roy Lankeaur, Napoleon
B.A. (Miami University)

Nelson J Larkins, Chagrin Falls
B.A. (Allegheny College)

Alan Jack Lazaroff, Vestal, NY
B.A. (SUNY-Binghamton)

James Roger Leicky, Chillicothe
B.A.Jour.

Donald Brian Leventhal, Bowling Green
B.A. (Michigan State University)

Patricia Lombardo, Newark
B.S. (University of Notre Dame)

Loretta Burke Looper, Cincinnati
B.A.

Daniel Ross Loveland, Powell
B.S., A.B. (Miami University)

Zane Lee Lucas, Jr., Hanna City, IL
B.A. (Bradley University)

Kevin Dean Lyles, Wheelersberg
B.S.

Jennifer Brown Maily, Wayland, MA
B.A. (Brown University)

Andrew Martin Malek, Rocky Hill, CT
B.S. (SUNY-Binghamton)

Anthony O. Mancuso, Springfield
B.A. (University of Dayton)

Virginia Kay Mayle, Columbus
B.S. (Ohio University),
M.S. (Kent State University)

Andrew John McDonough, Ashland
B.A.

Barbara Anne McIntosh, Middletown
B.A. (Cornell University)

Anne Gerhart McNealey, Columbus
B.A., Certificate of Elementary Education (Cornell
University),
B.A.

Jodie Kay Meizlish, Columbus
B.A., M.E.D. (Kent State University)

Sherry Lynn Metcalfe, Powell
B.F.A. (Miami University)

Jeffrey David Michael, Columbus
B.A.

Larry Brent Miller, New Concord
B.A. (Muskingum College)

Regina Blue Miller, Columbus
B.A. (Case Western Reserve University)

Christopher Michael Milliken, Bowerston
B.S. (Miami University)

Catherine Burger Monteiro, Smithtown, NY
B.A. (University of Dayton)

Gerald Alan Moore, Zanesville
B.A.

Jeffrey Charles Moore, Canfield
B.S. (Miami University)

Todd Mitchell Musheff, Macedonia
A.B. (Miami University)

Lorna Heydinger Nichols, Columbus
B.A. (Capital University)

Michael Alan Nieset, Helena
B.A. (Bowling Green State University)

Carol Suzanne Nolan, Columbus
B.A.

Eileen Marie Noon, Harrisburg, PA
B.S. (The Pennsylvania State University)

Gregory Edmund O'Brien, Akron
B.A. (Walsh College)

Kathi Anne Oklok, Columbus
B.S. Soc. Wel

Albert Stanford Orr, Sylvania
B.A. (Miami University)

Lisa Anne Osorio, Bronx, NY
B.A. (SUNY-Binghamton)

James Michael Otto, Lyndhurst
A.B. (Dartmouth College)

Robert Edward Pfaff, Independence
B.A. (University of Michigan)

Diane Glee Porter, Columbus
B.A. (Ohio University)

John Thomas Porter, Columbus
B.S. (Saint Joseph's College)

Nancy Ann Prytel, Euclid
B.S. (John Carroll University)

John Francis Raposa, Taunton, MA
A.B. (Cornell University)

David John Rectenwald, Maumee
B.A. (University of Notre Dame)

Amy Reidenbach, Worthington
B.A.

Erica Elizabeth Retter, Columbus
B.A.

Craig Richard Reynolds, Wooster
B.A. (Wittenberg University)

Susan Lynn Rhiel, Columbus
B.M. (Marywood College)

Judith Lynn Bick Rice, Oxford
B.A. (Kent State University),
M.A. (Miami University)

Sandra L. Rich, North Canton
B.S. (University of Akron)

Jeffrey J. Richards, Delaware
B.A. (University of Colorado)

Herbert McCune Richardson III, Triffin
B.A. (Heidelberg College)

Randy Richardson, Cincinnati
B.A. (Wilmington College)

David Edison Riggs, Augusta, MI
A.B. (Miami University)

John Karl Rinehardt, Mansfield
B.A.

Lauretta Smith Roe, Montgomery, AL
B.A. (Oakwood College)

Randall Koppel Roger, University Heights
B.A. (The George Washington University)

Mark Randal Rooks, Willow Springs, IL
B.A. (University of Illinois)

Bruce Thomas Rosenbaum, Shaker Heights
A.B. (University of Michigan)

Sandra Kay Roth, Seven Hills
B.S. (Purdue University)

Mark Louis Sarlson, University Heights
B.A. (University of Virginia)

Douglas Edward Sassen, Columbus
B.S. Nat. Res

Mary Jane Schneider, Crestline
B.S. (University of Toledo)

David Frederic Schwartz, Cincinnati
B.A. (Tulane University)

Paul David Seiler, Perrysburg
B.S. (Bowling Green State University)

Dawn Seiver, Columbus
B.S. (Ohio University)

Pamela Faith Setnar, Columbus
B.A.

Mark Aaron Shapiro, Cincinnati
B.S., B.A. (Miami University)

Gary Scott Singletary, Columbus
B.B.A. (Texas A&M University),
M.A.

Denise Ann Smith, Huntington Woods, MI
B.S. (University of Notre Dame)

Zachary Thompson Space, Dover
B.A. (Kenyon College)

William Wesley Spencer, Columbus
B.A. (Capital University)

Terri Kay Spigelmyer, Stowe, PA
B.A. (Allegheny College)

Kimberly Ann Marie Stewart, Cincinnati
B.S. (Purdue University)

Monica Mary Stralka, Brecksville
B.A. (Denison University)

David Paul Strup, Edgerton
B.B.A. (University of Notre Dame)

George Lewis Sutherland, Chagrin Falls
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Maureen Ann Sweeney, Painesville
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Steven Lee Taylor, Flint, MI
A.B. (University of Michigan)

Adrian Drue Thompson, Cleveland
B.A. (Bowling Green State University)

George Ronald Thomson, Wadsworth
A.B., M.A. (Miami University)

Edward Steven Toth, Northville, MI
A.B. (University of Michigan)

Gayland Miguel Trim, Columbus
B.A. (Wesleyan University)

Mark David Tucker, Logan
B.A.

Harriette Abney Varner, Youngstown
B.A. (College of Wooster)

Donald Earl Vifter, Fredericktown
B.S. (Bowling Green State University)

Keith Carlyle Warnock, Middletown, NJ
B.A. (University of South Carolina)

Coral Marie Watt, Detroit, MI
B.S.F.S. (Georgetown University)

David Elliot Weiss, University Heights
B.A. (University of Michigan)

Norman David Wheeler, Milwaukee, WI
B.B.A. (University of Wisconsin)

Douglas Leon Winston, Cleveland
B.A. (Case Western Reserve University)

Kathleen Anne William Westerville
B.A. (Kenyon College)

Lee Michael Wood, Ashtabula
B.A. (Miami University)

Mindy Ann Worry, Delaware
B.S. Ed.

Sue Ann Wyskiver, Chillicothe
B.B.A. (Ohio University)

Julia Beth Yarna, Centerville
B.A. (Wright State University)

Carrie Carnahan Young, Youngstown
B.A.C. (Bowling Green State University)

Laura Zeldin, Columbus
B.S.

College of Medicine

Dean: Manuel Tzagournis

Doctor of Medicine

Raymond William Acus III, Fairborn
B.S.

Sara Selestina Alford-McIntosh, Dayton
B.A. (Yale University)

John Geoffrey Allen, Upper Arlington
B.S. (Ohio Wesleyan University)

William Dean Allen, East Liverpool
B.S. (Westminster College)

Mary Elizabeth Alton-Heiseiman, Mansfield
B.S. (University of Dayton)

Nasir Khalid Amra, Strongsville
B.S. (Vanderbilt University)

Gary Martin Ansel, Columbus
B.S.

Glen Apseloff, Kent
B.S. (Massachusetts Institute of Technology)

John Howard Arnold, Terre Haute
B.A. (Case Western Reserve University)
M.S.

Douglas Scott Arnson, Shaker Heights
B.S. (University of Michigan)

Lynn Marie Baatz, Rockford, IL
B.S. (Wheaton College)

Mark Michael Bajorek, Wadsworth
B.S.

Damian Banaszak, Seven Hills
B.S.

Raymond Anthony Bannan, Shadyside
B.S.

Rita Marie Barabas, Parma
B.S. (John Carroll University)

Thomas Joseph Barbush, Poland
B.A. (Walsh College)

Christopher Thorn Bartlett, Columbus
B.A. (University of Vermont)

Kevin Patrick Barton, Curtice
B.S.

William Richard Beach, Johnstown
B.A. (Wittenberg University)

Mojgan Behbakht, Columbus
B.S.

Aurora Jorge Bennett, Columbus
B.S.

Robert Kenneth Betts, Columbus
B.S. All'd.Hlth.Prof.

Carl Anthony Blau, West Carrollton
B.S. (Wright State University)

Thomas Dale Bohmann, Defiance
B.S.E. (University of Michigan)

James John Botsko, Youngstown
B.S. (Youngstown State University)

Judith Lynn Bratton, Carroll
B.S. (Indiana University),
M.S. (Indiana State University)

Peter Anthony Briss, Columbus
B.A. (The College of Wooster)

Roger H. Brown, Pepper Pike
B.A. (Yale University)

Mary Pelszynski Buchwalder, Dayton
B.S. (University of Dayton)

Eduardo Tomas Calderon, Toledo
B.A.

Stanley Harrison Carr, Columbus
B.A.

Judy Haegung Cho, Columbus
B.A.

Carol Y. Chung, Lima
B.S. (University of Michigan)

Paul Raymond Cieslak, Brunswick
B.A.

Paul Raymond Colavincenzo, Clyde
B.S. (John Carroll University)

James Mark Coticchia, Worthington
B.S.

Douglas Lee Cotsamire, Ada
B.S.Pharm.

Daryl Ann Cottrell, Middletown
B.S. (College of Mount Saint Joseph)

Dale L. Coy, Cleveland
B.S. (Northwestern University)

Eva Gay Dautenhahn, Lima
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Randal Kent Detwiler, Columbus
B.S. (Capital University)

Michael J. Devine III, Youngstown
B.S. (Youngstown State University)

Gary Henry DiBlasio, Youngstown
B.S.

Karen Targgart Dicke, Upper Arlington
B.A.

Patricia Ann Dickerson, Worthington
B.S. (Andrews University)

Jefferson Haley Dickey, Rocky River
B.A. (Williams College)

Rebecca Kelly DiSalvo, Beavercreek
B.S. (Wright State University)

Patrick Cameron Dunster, Lima
B.F.A. (Carnegie-Mellon University)

Thomas William Durick, Struthers
B.S. (Youngstown State University)

Gregory Michael Eaton, Columbus
B.S. (Wittenberg University)

Richard Jacob Edwards, Canfield
B.S. (Youngstown State University)

Mark Daniel Elderbrock, Findlay
B.A. (College of Wooster)

Eudora Eng, Mentor
B.S.

Curtis Paul Ersing, Columbus
B.A. (Gordon College)

Katherine Grace Fackler-Chapman, Cleveland
B.S. (Valparaiso University)

Kenneth Alan Fath, Dalton
B.S. (Eastern Mennonite College);
M.S.

Holly Beth Faust, Vandalia
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Mark Fetko, Euclid
B.A. (Cleveland State University)

Julie Kay Fetters, Washington C.H.
B.S.

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B.S. (Texas Christian University)

William Robert Fitz, North Canton
B.S. (University of Notre Dame)

Steve James Gabel, Centerville
B.S. (University of Dayton)

Michael Charles Garn, Akron
B.A. (Alma College)

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Joel White Godard, Akron
A.B. (Miami University)

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B.S.

Phillip Alan Goldmeier, Columbus
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Joseph Francis Harryhill, McDonald
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Michael Alan Heald, Fairfax, VA
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University)

Stephen Gregory Hecht, Cleveland
B.S. (Hofstra University)

Randall Eugene Henderson, Lima
B.S. (Purdue University)

Linda Sue Horne, Centerville
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Christopher Brian Houts, Celina
B.A. (Taylor University)

Tracy Lynn Hull, Fremont
B.S.

Joseph Gerard Jacko, Solon
B.A. (Wittenberg University)

Angela Henry Jackson, Brooklyn, NY
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Becky Lynn Jackson, Toledo
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Brian Douglas Johnson, Canfield
B.S. (Youngstown State University)

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B.S. Nutrition

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Donald Lee Kimpel, Wooster
B.A., B.S. (Miami University)

Mark Alan King, Miami, FL
B.S. (University of Miami)

David Fremd Klein, Cincinnati
B.S.

George Raymond Kousale, Kent
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Frances Katherine Kramer, Delaware
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Robin Sue Krause, Mayfield Heights
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Michael Thomas Kunesh, Dayton
B.A., B.S. (University of Notre Dame)

David William Lacey, Marietta
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Jeffrey Howard Lautman, Cleveland
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Rita Ann Leard, Columbus
B.S. (University of Notre Dame)

Christopher T. Lechner, Goshen, IN
B.A. (Indiana University)

Eric John Lehman, Kidron
B.A. (Goshen College)

Stewart Levenson, New York, NY
B.A. (Queens College of The City University of
New York)

Michael Steven Levey, Akron
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Bradley Jonathan Lewis, Hubbard
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William Robert Lewis, Hudson
B.A.

Doris Helga Lotz, Seven Hills
B.A. (Northwestern University)

James Douglas Lowery, Upper Arlington
B.A. (Miami University)

Amy Jo Lutz, Euclid
B.S.

Todd Warren Malloy, Cincinnati
Sc.B. (Brown University)

Albert Staebler Malcolm, Middletown
B.A. (Earlham College)

Laura Marsh, Louisville, KY
B.A. (Oberlin College)

Tammy Lynn Martin, Girard
B.A. (Kenyon College)

Theodore Sheppard Marty III, Wyoming
B.A. (Miami University)

Mary Cathleen McCoy, Hong Kong
B.S. (University of Michigan)

Bruce Robin McFarland, New Madison
B.S. (University of Dayton)

James Michael McGill, Canton
B.A. (Oberlin College)

James Vance McKinnell, Littleton, CO
B.A., B.S.

Mark Thomas McQuain, Dayton
S.B. (Massachusetts Institute of Technology)

Dan Howard Meirson, University Heights
B.S. (University of Michigan)

Daniel Bernard Mendlovic, Cleveland
B.A. (Case Western Reserve University)

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B.S. Nutrition

Marjorie Ann Mooney, Cincinnati
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Karin Hilda Moorma, Aurora
B.A. (Kenyon College)

John Louis Morris, Hamilton
B.S. (Duke University)

Jeffrey Scott Murray, Dayton
B.A. (Capital University)

David Brown Myers, University Heights
B.S. (Indiana University of Pennsylvania)

Grace Christine Nadolny, Youngstown
B.S. (University of Cincinnati)

Kimberly Kay Ormsby Nagy, Toledo
B.A. (University of Toledo)

Steven John Nicol, Dailly, Ayrshire, Scotland
B.S. (Case Western Reserve University)

George Hagen Niesen, Cincinnati
B.S. (University of Notre Dame)

Linda J. Nordeman, Cincinnati
B.A. (University of Cincinnati)

David Andrew Obester, Grosse Pointe, MI
B.S. (University of California at Davis)

Nancy Miriam Ogden, Lima
B.A. (Miami University)

Philip Michael O'Halloran, Sandusky
B.A. (Case Western Reserve University)

James Donald Overmeyer, Defiance
B.S.

John Thomas Pajka, Parma
B.S.

James Edgar Phillips, Barberton
B.S. (University of Akron)

Lisa Marie Podojil-Ring, Wickliffe
B.A. (Miami University)

Ann R. Price, Columbus
B.A.

Phillip Edwin Prior, Cincinnati
B.S. (University of Cincinnati)

Walter Quan, Jr., Lorain
B.A. (Case Western Reserve University)

Thomas Edward Rachner, Columbus
B.S.

Gregory John Raglow, Walbridge
B.S. (University of Notre Dame)

Deborah Marie Ratliff, Olmsted Township
B.A. (Boston University)

Gene Kevin Richard, Toledo
B.A. (University of Toledo)

Linda Ann Robinson, Cleveland
B.S. (University of Pennsylvania)

Marie Ramone Rodriguez, Canton
B.A. (Saint Louis University)

Nancy Virginia Shaw Rodway, Doylestown
B.S., M.S. (University of Akron)

Lynn Marie Rogers, Cincinnati
B.S. (University of Cincinnati)

Richard James Rolles, Cincinnati
B.A. (University of Cincinnati)

Stephen Charles Romisher, Lyndhurst
B.S.

Thomas Kostas Rosvanis, Marion
B.S.

Catherine Hartman Rowley, Oxford
B.A. (Mount Holyoke College)

Gilbert Richards Rowley, Canton
B.S. (Bowling Green State University)

Aurilla Jordan Rush, Gallipolis
B.S. Food Sc., B.S. Nutrition

Frank Harry Ryan, Toledo
B.S. (University of Michigan)

Frank Leonard Santoro, Columbus;
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Lynn Ellen Schlianger, Garden City, NY
B.A. (SUNY at Oswego)

Louis Joseph Schott, Cincinnati
B.A. (University of Virginia)

Kathryn A. Schubert-Moell, Dayton
B.S. (University of Dayton)

David Matthew Scoggin, Saginaw, MI
B.A. (Albion College)

Mark Joseph Scott, Dayton
B.S. (Wright State University)

James Francis Seiler, Kettering
B.S. (University of Dayton)

Joseph James Sferra, Jr., Campbell
B.A. (Denison University)

Louis George Shaheen, Canton
B.S. (Mount Union College)

Myron Lyle Shank, Findlay
A.B. (Asbury College)

Ph.D. (University of Health Sciences, The Chicago
Medical School)

Jerald Howard Simmons, Beachwood
B.S.

Andrea Lynn Simon, Youngstown
B.S. (Miami University)

Cynthia Kay Sites, Columbus
B.S.

Ronald Patrick Skipper, Canton
B.S. (Kent State University)

Stephen Paul Slone, Dayton
B.S. (Wright State University)

Susan Beth Stradtbeck, Columbus
B.A. (Wittenberg University)

Linda Toivonen Swan, Columbus
B.A. (Miami University)

David Kent Swope, Portage
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Ronald Stephen Tadini, Worcester, MA
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Philip Hayward Taylor, Jr., Columbus
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Frank David Tice IV, Kenton
B.S. (Wright State University)

Walter William Timperman, Jr., Cincinnati
B.S. (University of Notre Dame)

David Paul Treece, Columbus
B.S.

Mark James Trifon, Kettering
B.A. (Miami University)
M.S. (Wright State University)

Mark David Tripp, Westlake
B.S. Bus Adm., B.A.

Steven R. Tucker, Columbus
B.A. (Case Western Reserve University)

Elizabeth Kruse Turbett, Findlay
B.A. (Miami University)

James Anthony Turbett, Lorain
B.A. (Hiram College)

Anita Michelle Turner, Columbus
B.S. (Ohio Dominican College)

Susan Dietrich Vasko, Sylvania
B.S., M.S.

David Joseph Waddell, Ironton
B.S. (University of Kentucky)

Adonica Louise Walker, Denver, CO
B.A. (Capital University)

Ray Carl Wasielewski, Cincinnati
B.S., M.S. (Virginia Tech)

Frank Yishen Wei, Athens
B.A. (Harvard University)

David Gerard Weiskittel, North Olmsted
B.A. (Xavier University)

Timothy John Whalen, Severna Park, MD
B.S. (Davidson College)

Daniel J. White, Cincinnati
B.A. (Miami University)

Jennifer Riseling White, Columbus
B.A. (Miami University)

John Scott Wilcher, Vandalia
B.A. (Wittenberg University)

Brian Dale Williamson, Brookfield
B.A. (Case Western Reserve University)

Christopher J. Winslow, Cleveland
B.A. (Earlham College)

Elvin Douglas Witmer, Salem
B.A. (Youngstown State University)

Timothy C. Wood, Celina
B.S. (Wright State University)

James Owen Wright, Jr., Dayton
B.S. (University of Cincinnati)

Helen Kuo Mei Wu, Chagrin Falls
B.A. (University of Michigan)

Hideo James Yamashita, Marietta
B.A. (University of Pennsylvania)

Lawrence Alan Zeff, Cincinnati
B.A. (College of Wooster)

Annette Margarete Zielke, Boardman
B.A. (Miami University)

Richard Kent Zimmerman, Toledo
B.A. (Miami University)

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 Baley, 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
Douglas C. Bowersock, Lima
Ruth E. Bright, Portsmouth
Heidi Joy Briscoe, Columbus
Annette Lynn Brown, Lima
Sheryll 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 Chiaccchiarri, Mayfield Heights
Maureen Sue Cline, Columbus
Paul Anderson Cline, Worthington
Roberta Lynn Collins, Worthington
Ann Catherine Cortheli, 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
Timothy Francis Dunlea, Youngstown
Kimberly Sue Dunphy, Toledo
Lori Ann Enders, Mt. Orab
Allison Gail Frangos, Yorkville
Lana Arlene Fried, Dayton

Anthony Jay Frisby, Strongsville
 Gregory Allen Frontz, Byesville
 Elizabeth Ann Fultz, Columbus
 Brenda Lee Gaither, South Point
 Kimberly Sue Gallimore, Gahanna
 Sharon Eileen Garvin, Toledo
 Lee Ellen Gebacz, Highland Heights
 Joan Elaine Gilby, Monroe
 Alexandria Louise Goings, Princeton, WV
 Joyce Anne Grube, Baltimore
 Tanya Marie Haas, Kent
 Jeffrey Reynolds Hamburg, Cincinnati
 Steven W. Hannan, Sandusky
 Robert Charles Hawk, Circleville
 Paula Marie Helmig, Lima
 Nancy Jeanmarie Heraghty, Lyndhurst
 Larissa Kay Hill, Frankfort
 Michelle Marie Hinko, Euclid
 Lisa Marie Holscher, Osgood
 Elisa Mary Hueve, Glandorf
 Susan Louise Huffer, Marietta
 Charlotte Renee Hughes, Springfield
 Patrice Marie Jackson, Mentor
 Janice Marie Jennings, Findlay
 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
 Debra Anne Krurek, Westlake
 Cynthia Lynn Koziatek, Hinckley
 Laura Lynn Kucharchuk, Geneva
 Kurt Alan Kuhlman, Ottawa
 David Alan Kuhn, Portsmouth
 Deanna Lynn Lackinger, Toronto
 Melinda Kay Lahmers, Columbus
 Lucille Ann Lambillotte, Westerville
 Karen Elizabeth Larger, Fort Loramie
 Ronna Michelle Leavitt, Lyndhurst
 Linda Jo Ann LeFevre, North Rose, NY
 Deanna K Lewis, Tiffin
 Lynn A. Lichtenwalter, Mansfield
 Michael Richard Linn, Newark
 Audrey Marie Lonchar, Euclid
 Michele Rose Loudermilk, Worthington
 Carolyn Anne Lukens, Columbus
 Judith Ann Magnus, Dayton
 Belinda Louise Martin, Columbus
 Laura Irene Martin, Warren
 Mark E. Martin, Delaware
 Teresa Marie Martin, Columbus
 Michele Lynne Martini, Uhrichsville
 Margaret Mary Mati, Fairfield
 Kimberly Ann Mazik, Mingo Junction
 Elen Moira McCrave, Granville
 Barbara Ann McKenny, West Carrollton
 Amy Jo McKibben, Groveport
 Karen Marie McLaughlin, Sandusky
 Jennifer Lynn McVey, Logan
 Sheily Anne McWilliams, Bedford
 Theresa Ann Merino, Stow
 Nancy Mettesitz, Seven Hills
 Robin Bess Meyer, Mt. Gilead
 Charles Raymond Miller, Temperance, MI
 Richard Allan Miller, Columbus
 Paula Michele Mittai, 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, Soisberry, IN
 Tonya Bowman Orchard, Loudonville
 Lisa Kay Oswald, North Canton
 Steven Michael Pamer, Parma
 Helen Pantelidis, Canton
 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
 Sigrun Adams Schaudies, Darmstadt,
 West Germany
 Matthew D. Scheidegger, Pataskala
 Diane Marie Schmidt, North Lima
 Shelley Jo Schmidt, Springfield
 Thomas William Seaton, Greenfield
 Ramona Setudehnia, 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 Travillan, 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
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Jim John Zangmeister, Columbus
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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. Caslie, Lima
 Michael Chance, Gnadenhuetten
 Carla CM Christopher, Dunkirk
 Lisa M. Christopoulos, Westerville

Nikkimiria 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
 Elisabeth 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
 Collene 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 Howson, 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 Mawhrter, 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
 Sharie 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, Casstown
 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 Swonger, DeGraff
 Julia Ann Thomas, Gahanna
 Kathryn Thornton, Dublin
 Robert Edward Tootie, 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 Beaf, 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 Hirschi, 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 Melmed 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 Cori, Newark
 Mathew Joseph Cosenza, Chillicothe
 Lori A. Dallelo-Yoder, Columbus
 Daniel Earl Daugherty, Canton
 Douglas Peverill 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 Alan 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 Willins, 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
 Kecia René 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, Eida
 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
 Derick 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 Alsop, 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, Eida
 B.A. 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.Sc. (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 Proski, 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, Coolville
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.S. (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

Suzy 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 Aiton-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 Renee 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 Detert
 Karen Sue Dever
 Elizabeth Ann DiGiandomenico
 Sheri Ann Dirus
 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
 Phillip 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 Mummy
 John Joseph Murphy
 Virginia Naff
 Kimberly Kay Ormsby Nagy
 Richard James Nagy
 Gabriel R. E. Nañagas

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 Punnipat
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 Saul
Scott John Savage
Annette Marlene Schwartz
Collin Erik Seely
Ann Margaret Selby
Donna Joan Shackel
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 Sharese 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 Towner
Robin Ann Vachon-Klaut
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 Womeldorph
Timothy Charles Wright
Helen Kuo Mei Wu
Susan Rosalie Wurtzler
Bret Alan Young
Paul Randolph Younger
Virginia Zrebiec
Jeffrey Paul Zriebel

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 Sharkis

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 Arbaugh
Catherine Hayes Armstrong
Joe Bernan 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 Hatm
Emily Elizabeth Heid
Michelle Marie Hinko
Mary Margaret Holcomb
Lisa Marie Holscher
Marilyn Smith Huffman
David Allen Jacoby
Scott David Ketrner
Jacqueline Cambere Kilsheimer
Lillian Klancar
Keith Robert Kleman
Amy Lynne Klinebriell
Charlene Gail Kobele
Charles Robert Krietemeyer
Marian Lanchman
Anne Elisabeth Lienau
Linda Jean Luecken
Ronald Jon Luffy
Michael Allen Machedehl
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 Orcharad
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
Micheale 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.

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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

June 10 and 11, 1986 meeting, Board of Trustees

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 (cont'd)

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.

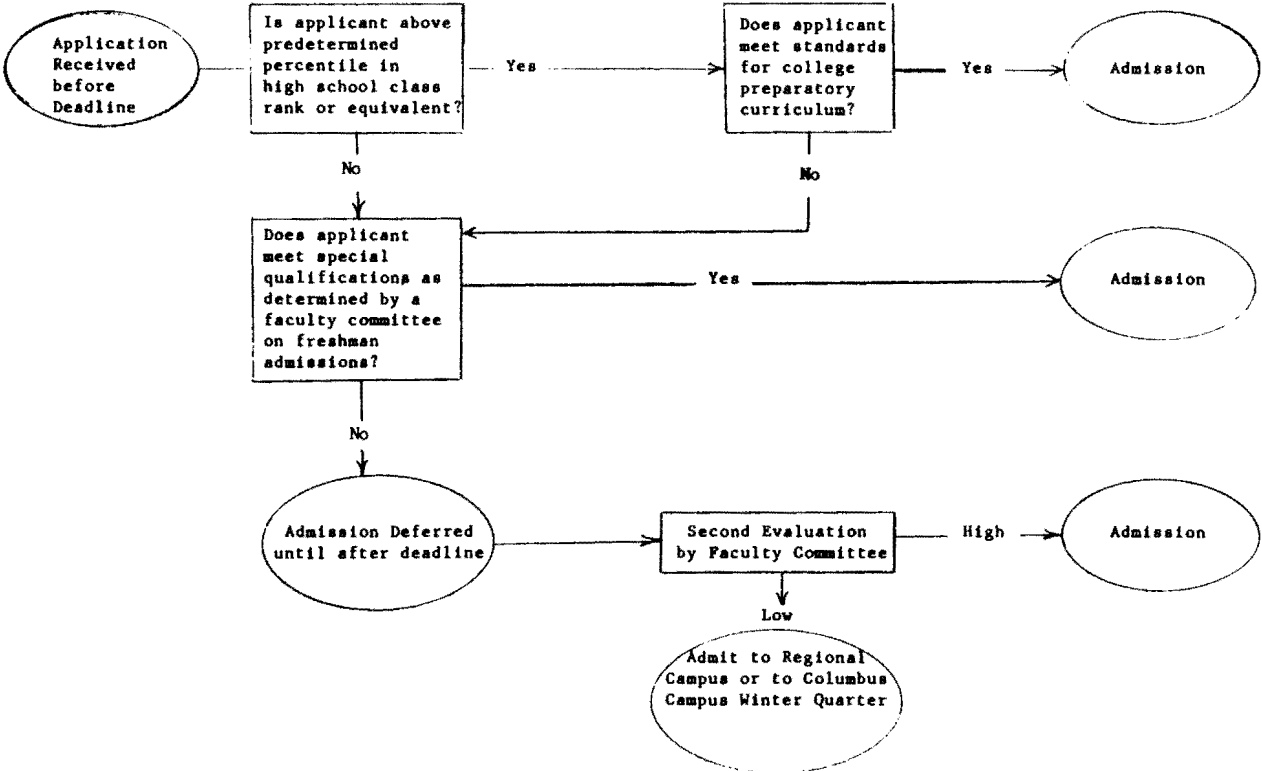
Replacing the present self-defeating, self-contradictory freshman admission policy with the proposed policy would have a number of salutary consequences:

- 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.

**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. KOLATUKUDY
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*
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July 1, 1986 through June 30, 1988

Preventive Medicine	Martin D. Keller
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July 1, 1986 through June 30, 1989

Division of Medicinal Chemistry and Pharmacognosy	Duane D. Miller
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July 1, 1986 through June 30, 1990

Anatomy	James S. King
Anesthesiology	John S. McDonald
Aviation	G. Stacy Weislogel
Ceramic Engineering	Dennis W. Readey
Engineering Mechanics	Sunder H. Advani
Industrial and Systems Engineering	George L. Smith, Jr.
Medical Microbiology & Immunology	M. Ronald Glaser
Pediatrics	Grant Morrow, III
Physiological Chemistry	Gerald P. Brierley
Radiology	A. John Christoforidis

October 1, 1986 through June 30, 1987

Art Education	Kenneth A. Marantz
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*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

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
The James H. Tilberry Law Library Fund (Support activites of the Law Library)	\$	7,400.00
The Webster B. Kay Scholarship Fund in Chemical Engineering (Scholarships)	\$	7,359.90
The Albert Shapero Memorial Fund (Interest free loan - College of Business)	\$	6,576.95
Ralph and Ruth Haignere Rose Student Nurse Scholarship Fund (Tuition and incidental fees - College of Nursing)	\$	6,000.00
The Harry L. Thoman, Jr., Scholarship Fund (Scholarships - real estate majors)	\$	5,000.00

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		
	<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 (cont'd)

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,

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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

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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)

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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, Intitute 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

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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)

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)

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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

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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)

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 KINNEAR 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.

Funding: University Funds

Estimated Construction Cost: \$137,500.00

Estimated Project Cost: \$145,000.00

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.

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, Black-
lick, 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.

June 10 and 11, 1986 meeting, Board of Trustees

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 suprised 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

June 10 and 11, 1986 meeting, Board of Trustees

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

June 10 and 11, 1986 meeting, Board of Trustees

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. Teaford:

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. Teaford:

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. Teaford:

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. Teaford:

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. Teaford:

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

June 10 and 11, 1986 meeting, Board of Trustees

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

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
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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June 10 and 11, 1986 meeting, Board of Trustees

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

BP/June, 1986

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	1,212
	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	1,423
	9	572	84	656	945	1,601
	10+	636	93	729	1,050	1,775

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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 22,900.00	11.47 23,857.60	
10	9.28 19,302.40	9.68 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	12.70 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 28,540.80	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	8.60 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 22,900.00	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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