

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

COLUMBUS

July 1, 1978 to June 30, 1979

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THE OHIO STATE UNIVERSITY

HAROLD L. ENARSON, *President*

BOARD OF TRUSTEES

	<i>Term Beginning</i>	<i>Term Expiring</i>
JOHN L. GUSHMAN, Lancaster ¹	December 11, 1970	May 13, 1979
HOWARD D. SIRAK, Columbus	May 19, 1971	May 13, 1980
PATRICIA D. JAMES, Cleveland	July 18, 1972	May 13, 1981
CHESTER DEVENOW, Toledo	May 14, 1973	May 13, 1982
WARREN J SMITH, Columbus	January 6, 1975	May 13, 1983
JOHN D. JACOB, Columbus	May 14, 1975	May 13, 1984
DONALD J. HILLIKER, Bellefontaine	May 14, 1976	May 13, 1985
JOHN F. HAVENS, Delaware	May 14, 1977	May 13, 1986
DANIEL M. GALBREATH, Columbus	May 14, 1978	May 13, 1987
LEONARD J. IMMKE, Columbus ²	November 15, 1978	May 13, 1979
EDMUND C. REDMAN, Columbus	May 14, 1979	May 13, 1988

OFFICERS

HOWARD D. SIRAK, *Chairman*
 PATRICIA D. JAMES, *Vice Chairman*
 EDWARD Q. MOULTON, *Secretary*³
 MADISON H. SCOTT, *Secretary*⁴
 JAMES W. KRISTOFF, *Treasurer*

¹ Resigned November 14, 1978.

² Appointed to fill unexpired term of John L. Gushman ; resigned November 14, 1978.

³ Resigned January 1, 1979.

⁴ Elected March 2, 1979.

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND THIRTY-NINTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, July 21, 1978

The Board of Trustees met at its regular monthly meeting on Friday, July 21, 1978, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Howard D. Sirak, Chairman, John L. Gushman, Patricia D. James, Chester Devenow, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens and Daniel M. Galbreath.

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Minutes of the last meeting were approved.

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July 21, 1978 meeting, Board of Trustees

The Chairman, Dr. Sirak, called the meeting of the Board of Trustees to order at 11:30 a.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering disputes involving the University that are the subject of imminent court action.

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The meeting of the Board of Trustees reconvened at 2:00 p.m.

RESOLUTIONS IN MEMORIAM

Resolution No. 79-1

Synopsis: Resolutions honoring the service of seven of this University's faculty members who have recently died.

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.

Upon motion of Dr. Jacob, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

E. Howard Bond

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 25, 1978, of E. Howard Bond, County Extension Agent Emeritus, in the Cooperative Extension Service.

Mr. Bond was born May 10, 1896, in Farina, Illinois. He attended high school at Farina and graduated in 1914. He attended Milton Wisconsin College where he was awarded the Bachelor of Science degree in 1922. Additional graduate education was pursued at The Ohio State University.

He was engaged in the farming business for eight years and taught school for four years before joining the Extension Service.

On June 1, 1925, he was appointed to the position of County Agricultural Agent in Henry County. He continued to serve in this capacity until his retirement June 30, 1957.

Throughout his career as a faculty member with the Ohio Cooperative Extension Service, Mr. Bond earned and enjoyed the respect and admiration of the people of Henry and surrounding counties and of his fellow workers. He was recognized as a staunch supporter of agriculture in its broadest ramifications and was a source of strong continuing leadership in his community. Service on important professional committees was routine for him. He set high standards of performance and demonstrated his convictions.

July 21, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

E. Howard Bond (contd)

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Bond 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 which the family and The Ohio State University have sustained.

Carlton E. Johnson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 26, 1978, of Dr. Carlton E. Johnson, Professor, Department of Agricultural Engineering and the Department of Agricultural Education.

Dr. Johnson was a graduate of Berea College, Kentucky (B.Sc., 1938) and Iowa State University (M.Sc., 1948, Ph.D., 1956).

Dr. Johnson joined The Ohio State University as Associate Professor of Agricultural Engineering January 1, 1955, and was promoted to Professor in 1966. He was a member of the American Society of Agricultural Engineers (ASAE), the American Vocational Association, the American Association of Teacher Educators in Agriculture, the American Vocational Educational Research Association, the National Vocational Teachers Association, and the Ohio Vocational Association.

Dr. Johnson was nationally recognized as a leader in development of standards and guidelines for instruction in agricultural mechanization and mechanics. He had chaired a national committee for the American Society of Agricultural Engineers on Instruction in Agricultural Mechanization and had participated in development of national standards for review and approval of curricula in Agricultural Mechanization.

Dr. Johnson was an authority on safety color coding for equipment and facilities used in agriculture and industry. At the time of his death, he was the representative for ASAE to the American National Standards Institute, Committee on Safety Color Codes.

Dr. Johnson had received many honors and recognitions for his scholarly and professional achievements in agricultural mechanics and in National FFA Agricultural Mechanics programs. He was a member of honorary societies including: Phi Delta Kappa and Gamma Sigma Delta. He authored and co-authored more than 40 papers and publications on agricultural mechanization education and applications. In 1977, Dr. Johnson was awarded the Honorary American Farmer Degree by the Future Farmers of America at their Annual Convention, Kansas City, Missouri, in recognition of his contributions to teacher education and farm mechanics.

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

July 21, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Dr. William R. Kampfer

The Board of Trustees of The Ohio State University expresses its sorrow at the death on June 9, 1978, of Dr. William R. Kampfer, Associate Professor Emeritus in the College of Dentistry.

Dr. Kampfer received his D.D.S. degree from The Ohio State University in 1920, LL.B. degree from Franklin University in 1940, and his Juris Doctorate degree from Capital University.

Dr. Kampfer was a member of the faculty of the College of Dentistry from 1953-65 and maintained a very successful private practice. He was also a member of the faculty of the College of Medicine.

Dr. Kampfer was a member of the American Dental Association, the Columbus Dental Society and Omicron Kappa Upsilon Dental Honorary 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.

Philip C. Kozel

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 8, 1978, of Philip C. Kozel, Professor in the Department of Horticulture, after a long illness. Professor Kozel served on the faculty in the Department of Horticulture for the past ten years.

Professor Kozel received his B.S. and M.S. degrees from The Ohio State University in 1963 and 1965 respectively and his Ph.D. degree from Cornell University in 1968. He authored more than fifty articles on plant materials and growth regulators and was the co-author of two textbooks, *Woody Ornamentals for the Midwest*, and *Evergreens for the Landscape*.

In recognition of his many achievements, Dr. Kozel was the recipient of several awards including the Distinguished Teaching Award from The Ohio State University, The Alfred J. Wright Award, The Garden Club of Ohio Citation and The Outstanding Service to Students Award.

For the past several years Dr. Kozel gave leadership and guidance to the Shade Tree Evaluation Project in the Secret Arboretum and in various cooperating cities throughout Ohio. In addition, he gave leadership to the Floriculture and Landscape Horticulture Forum, a student organization within the Horticulture Department.

Through his inspiring teaching and his concern for people, Dr. Kozel gained the respect of his students and of the nursery industry throughout the nation. Through his guidance and

July 21, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Philip C. Kozel (contd)

and his many contributions to nursery crop production and shade tree improvement, his influence will have a lasting impact for generations to come. Dr. Kozel's influence on the careers of many young people during the past decade and his research with shade trees assisted the entire nursery industry. Dedicated to learning all he could about the plants and sharing his knowledge with others, the horticultural industry has lost a true friend and the University has lost a true scholar-teacher.

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

Ralph B. Neiswander

The Board of Trustees of The Ohio State University expresses its great sorrow upon the death on June 9, 1978 of Ralph B. Neiswander, Professor Emeritus, Department of Entomology, College of Biological Sciences.

Dr. Neiswander was born in New Stark, Ohio, on June 30, 1898. He graduated from Ada High School in 1915, and then attended The Ohio State University where he received his B.S.Agr. degree in 1927, the M.S. degree in 1928, and the Ph.D. degree in 1934. Both advanced degrees were in the field of Entomology.

From 1916 to 1918, Dr. Neiswander taught rural elementary school in Hancock County, Ohio. He then became a farmer from 1919 to 1924.

In 1927 he joined the staff at the Ohio Agricultural Research and Development Center, Wooster, Ohio, working on the European corn borer. In 1928 he began research on the oriental fruit moth and insect problems of small fruit plantings. This research work continued until 1944. From 1944 until his retirement, he conducted research on insect pests attacking ornamental plants and greenhouse plants.

He retired in 1964, after 37 years of service to the University.

He was well known and respected by entomologists throughout the United States and greatly admired and appreciated by all Ohio growers that knew him.

On behalf of the University, the Board of Trustees expresses to the family of Professor Neiswander its deepest sympathy in its loss. 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 an expression of the Board's heartfelt sympathy.

July 21, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Arthur H. Smith

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 25, 1978, of Arthur H. Smith, Assistant Professor Emeritus in the Cooperative Extension Service.

Mr. Smith was born August 5, 1898, in Harrison County, Ohio. He attended Cadiz high school, graduating in 1916. A bachelor of science in agriculture degree was received from The Ohio State University in 1922. Additional education with credit towards a master of science degree was secured from both The Ohio State University and Ohio University.

Mr. Smith joined the faculty of The Ohio State University as a County Extension Agent in Monroe County on August 1, 1923. Mr. Smith served for 7 years in this position prior to moving to a similar position in Washington County where he remained until 1940. From 1940 to 1942 he held several short time Extension positions in Guernsey, Wyandot, Portage, Noble and Highland Counties in addition to a horticultural specialist position. In 1942 he transferred to Marion County as County Extension Agent, Agriculture. In 1954 he moved from this position to that of Assistant Extension Editor in charge of radio programs--where he remained until retirement on September 30, 1960, after 37 years of Ohio State University faculty employment.

Mr. Smith was a dedicated and highly respected agricultural leader in Ohio. He was best known for his efforts in radio and mass communication and as a pioneer in agricultural marketing through farmer cooperatives. He was well known and respected among his peers on the Extension faculty. He will long be remembered for his outstanding contributions in Extension education.

On behalf of the University, the Board of Trustees expresses to the family of Mr. Smith 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 his family as sincere appreciation of the Board's realization of the loss which the family, the University and his many friends and associates have sustained.

Ralph M. Stogdill

The Board of Trustees of The Ohio State University expresses its sorrow upon the death July 8, 1978 of Ralph M. Stogdill, Professor Emeritus in the Academic Faculty of Management Science, College of Administrative Science.

Professor Stogdill, a resident of Columbus, Ohio, was born August 29, 1904. He began his learning career at The Ohio State University in 1928 where he earned his bachelor's, master's and doctor's degrees. He was a Professor in the Academic Faculty of Management Science at The Ohio State University from 1968 until his retirement in 1975 as Professor Emeritus. He also held a joint appointment with the Department of Psychology.

July 21, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Ralph M. Stogdill (contd)

Over the span of years, Professor Stogdill has been associated with Stanford University Graduate School of Business where he was a research social scientist; and the United States Maritime Service, during World War II, where he achieved the rank of Lieutenant Commander. In the 1930's, Professor Stogdill was on the staff of The Ohio State University Psychological Clinic; was clinical psychologist for the Ohio Bureau of Juvenile Research in Columbus, Ohio, 1937 to 1942; was Associate Director of the Ohio State Leadership Studies, 1946 to 1953; and was Director of the Program in Leadership and Organization at The Ohio State University, 1968 to 1975.

Dr. Stogdill has published 16 books and monographs. His latest book entitled, *Handbook of Leadership: A Survey of Theory and Research*, is a summary of his 25 years of leadership experience. Research on his books led to his publication of, *Leadership Abstracts and Bibliography 1904-1974*, under the auspices of the College of Administrative Science, The Ohio State University. He has also published 18 original papers; over 40 journal articles; developed by himself or with others, eight different tests and test manuals; and directed five sound movies focusing upon various aspects of leadership. He was the instigator and developer of an interdepartmental doctor's degree program under the Graduate School for students who wanted combined training in management science and psychology.

In 1970, Professor Stogdill received an award for Outstanding Research from the Division of Consulting Psychology of the American Psychological Association. He was a member of several professional and honorary organizations. Some of these were the American Psychological Association; the American Association for the Advancement of Science; the Psychonomic Society; the Society for General Systems Research; the Institute of Management Sciences; the Industrial Relations Research Association; the Ohio Psychological Association; and the Beta Gamma Sigma Honorary Business Fraternity.

On behalf of the University community, the Board of Trustees expresses to the family of Ralph M. Stogdill 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 his family as a sincere expression of sympathy and respect.

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PRESIDENT'S STATEMENT ON AFFIRMATIVE ACTION

Synopsis: The Report of the Commission on Women and Minorities requested a policy statement in regard to affirmative action objectives.

In the Report of the Commission on Women and Minorities the following recommendation is made:

"A clear, precise, well defined policy statement on affirmative action objectives, authored and disseminated from the Office of the President, to be administered by the University's middle management, is critically needed, and recommended by the Commission."

July 21, 1978 meeting, Board of Trustees

PRESIDENT'S STATEMENT ON AFFIRMATIVE ACTION (contd)

As a contractor with the federal government and a recipient of federal funds, the University is subject to legislation and administrative regulations dealing with equal opportunity and affirmative action. These include Title VII of the Civil Rights Act of 1964, Title IX of the 1972 Education Amendments of the Higher Education Act, Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, and Executive Order 11246, as amended. It is under this Executive Order that "affirmative action" requirements arise, and it is from this Order that the Department of Health, Education and Welfare has taken its authority to require colleges and universities--among others--to adopt affirmative action policies and plans.

On November 30, 1977, The Ohio State University entered into an agreement with H.E.W. based on that Department's regulations under this Executive Order. This agreement also set forth specific affirmative action policies to which the University is bound. Although the terms of this agreement are now the subject of a dispute between two federal agencies, the University intends to fulfill the terms of that agreement.

More important than the pages of regulations and the force of law, however, is the moral obligation on educational institutions to rectify the pervasive results of past discrimination. We undertake affirmative action because--to put it simply--it is right to do so.

The recent decision of the United States Supreme Court in the *Bakke* case gives recognition to the substantial interest of a state-supported university in pursuing affirmative action in its admissions programs so as to achieve the objective of a diversified student body. With that decision as our guide, the University will continue its efforts to recruit and retain more female, minority and handicapped students.

Affirmative action--in another very important dimension--affects how we make personnel decisions and judgments. These decisions are never simple. Reduced to its essentials, affirmative action involves the recognition that equal opportunity will not come about unless and until those factors--both the obvious and the subtle--which have resulted in discrimination are aggressively rooted out and changed. It does *not* require preferential treatment or "reverse discrimination" either for or against any person or classes of persons. It does require a recognition that past personnel recruitment practices may not have provided some persons with the opportunity to compete for employment opportunities, and that the traditional criteria upon which personnel judgments have been made often fail to measure adequately the potential of persons who have not been the beneficiaries of all of society's privileges and opportunities.

Personnel decisions, basically, require judgments about human potential: how a person will perform if hired, or how he or she will continue to perform after they are promoted or tenured. As such, these judgments are in part necessarily subjective. In assessing a person's potential, we must consider whether or how a person's sex or racial background may have affected the opportunity he or she has had to demonstrate success by traditional measurements of academic, administrative or technical performance. We should consider, for example, whether or how the responsibility for child care impacted on a person's achievements as measured by traditional criteria. And clearly we should consider whether the potential of a handicapped person is accurately measured by traditional criteria.

July 21, 1978 meeting, Board of Trustees

PRESIDENT'S STATEMENT ON AFFIRMATIVE ACTION (contd)

There are a host of other subjective considerations that can be taken into account in making judgments as to human potential. Affirmative action requires that we carefully consider how handicap, race, or sex have impacted on the degree to which a person's potential can be assessed by traditional and standard criteria. There are no formulas to be applied in making these judgments; they require always thoughtful consideration.

Affirmative action does *not*, must *not*, involve a lowering of academic standards. It does, however, require that our recruitment procedures ensure that we seek out qualified persons who have not been recruited in the past. It also requires a constant process of examining our standards and re-evaluating the degree to which they measure each individual's potential. Affirmative action does *not* require that we hire, retain, or promote any person other than those who have the best potential for high quality academic, administrative or technical performance. But it does require that we be certain that the criteria upon which our judgments are made do not unfairly discriminate.

The University is under a strong obligation--moral and legal--to play an important and leading role in eliminating the effects of discrimination to our society based on race, sex, and physical handicap. This conviction--this commitment--is an important part of our mission, and one to which all of us must devote substantial and sustained effort.

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**PRESIDENT'S STATEMENT ON FUND-RAISING EFFORT
FOR ACADEMIC ENRICHMENT**

Resolution No. 79-2

Synopsis: Authorization for intensifying fund-raising effort by the Development Fund for purpose of raising funds for academic enrichment.

The tight operating budgets of recent years and the effects of inflation have effectively deprived the University of any opportunity to enrich our academic programs in a significant way.

With this in mind, last year the Development Fund Board, with our concurrence, engaged fund-raising counsel to explore the University's potential for raising substantially more money from private donors. The consultants interviewed leading citizens in Ohio and in major cities in other states to assess their views of Ohio State.

We were gratified by the highly positive report we received. Clearly, the University is held in high esteem and the potential for substantially increased private support appears strong.

On the basis of these findings, and in order to take the initiative to find the funds needed to move the University toward further excellence, the Development Fund was authorized

July 21, 1978 meeting, Board of Trustees

**PRESIDENT'S STATEMENT ON FUND-RAISING EFFORT
FOR ACADEMIC ENRICHMENT (contd)**

to hire additional staff last year to extend immediately our capability in fund-raising and to prepare for such intensified fund-raising activities aimed at academic enrichment as might be authorized.

During the past year, the Provost's Office--working with the Deans and they, in turn, with their Department Chairpersons and faculty--identified a group of high-priority areas for academic enrichment. These are primarily fields of teaching and research where there is high potential to move from a solid position to one of recognized excellence, in some cases national distinction.

The intensified fund-raising effort we are proposing at this time would focus primarily on seeking gifts from individuals, corporations, and foundations for the purpose of establishing endowed chairs and named professorships in these high-potential fields.

Any new fund-raising activities which may be authorized at this time will not, however, replace the regular, ongoing program of the Development Fund. We would expect the growing response to our regular fund-raising programs to continue, even as we seek substantial additional support for academic enrichment.

We have reviewed the matter thoroughly. And we feel that it is absolutely essential that the University take steps at this time to maintain and substantially enhance its academic and research programs. The private sector offers the only immediate opportunity we see to obtain the new money which will be required.

For these reasons, I am bringing to you today a resolution asking your authorization to proceed with an intensified fund-raising program having the academic enrichment of the University as its primary objective.

WHEREAS The Ohio State University acknowledges an obligation to its students and to the citizens of Ohio to continually seek the means to move toward further excellence in its programs of teaching, research, and public service; and

WHEREAS the combination of inflation and tight budgets have effectively deprived the University of opportunities to enrich its academic programs in a significant way; and

WHEREAS the private sector appears to be the most likely source available of substantial funds for the purpose of academic enrichment; and

WHEREAS the University's potential for such support from the private sector appears strong; and

WHEREAS the University has identified a group of high-priority areas for academic enrichment; and

July 21, 1978 meeting, Board of Trustees

**PRESIDENT'S STATEMENT ON FUND-RAISING EFFORT
FOR ACADEMIC ENRICHMENT (contd)**

WHEREAS the Development Fund Board has reviewed the needs of the University which might be met from substantially increased private support and has endorsed the concept of an intensified fund-raising effort by the Development Fund for the purpose of raising such support:

NOW THEREFORE

BE IT RESOLVED, That The Ohio State University is authorized to instruct the Development Fund to undertake, in addition to its ongoing activities, a program of intensified fund-raising for the purpose of academic enrichment.

Upon motion of Mrs. James, seconded by Dr. Jacobs, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**AMENDMENTS AND ADDITIONS TO
RULES OF THE UNIVERSITY FACULTY**

Resolution No. 79-3

Synopsis: Approval of amendments and additions to Rules of the University Faculty is being proposed.

WHEREAS the University Senate pursuant to Rule 3335-1-08 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments and additions to *Rules of the University Faculty* as approved by the University Senate:

AMENDED RULES

3335-5-04 Hearing Procedures for Complaints Against Regular and Auxiliary Faculty Members

The Faculty Hearing Committee is established by Rule 3335-5-581 of the Administrative Code and Rule 3335-5-04 of the Administrative Code is amended to recognize this change.

3335-5-44 Constituent Bodies of the Senate

The student membership of the University Senate has evolved as three separate constituent bodies and the faculty representatives wish to be known as the Faculty Council.

July 21, 1978 meeting, Board of Trustees

**AMENDMENTS AND ADDITIONS TO
RULES OF THE UNIVERSITY FACULTY (contd)**

AMENDED RULES (contd)

3335-5-46 Senate Committees

This rule provides a regular pattern of nomination, election and terms of service to the standing committees of the University and it is desired to provide continuity and experienced leadership to the committees.

3335-5-47 Committees

The Steering Committee is responsible for nominating membership to standing committees and it is desirable to provide leadership continuity from academic year to year.

3335-5-49 The Library Council

The Faculty Council can recommend membership from a broad base of interest and expertise and the committee structure is to be regularized wherever possible to have three-year terms for faculty.

3335-5-50 Council on Student Affairs

The Vice President for Student Services provides the President of the University and the University Senate with timely reports of the Council on Student Affairs and the Interprofessional Council is the recognized body for the representation of professional students.

3335-5-52 Council on Admission and Registration

Council on Admission and Registration is renamed and the elected representative may be provided through normal procedures of Rule 3335-5-47 of the Administrative Code and the presidential appointment allows specific recognition of interest and expertise.

3335-5-53 Mershon Committee on Education in National Security

The Mershon Committee organization is changed to expand the membership from six to ten members and the chairmen of the ROTC Departments shall serve for the duration of their terms.

3335-5-58 Committee on Academic Freedom and Responsibility

It is desirable for continuity and standardization that faculty terms on committees be three years wherever possible.

July 21, 1978 meeting, Board of Trustees

**AMENDMENTS AND ADDITIONS TO
RULES OF THE UNIVERSITY FACULTY (contd)**

AMENDED RULES (contd)

3335-5-60 University Calendar Committee

Change in membership for this committee is accomplished in this rule.

3335-7-23 Alteration of Marks

This rule includes description of course substitution procedures.

3335-15-01 Masculine and Feminine Gender

The clarification of this rule is intended to remove sexist language.

FORMALIZATION OF EXISTING SENATE COMMITTEES' RULES

3335-5-491 Bookstore Committee

3335-5-581 Faculty Hearing Committee

3335-5-591 Legislative Affairs Committee

3335-5-611 Traffic and Parking Commission

NEW RULE

3335-7-271 Student Substitution of Marks

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments and additions to *Rules of the University Faculty*, as approved by the University Senate since the publication dated April, 1978, be adopted by the Board of Trustees for inclusion in the next publication of the *Rules of the University Faculty*.

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

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**ADMINISTRATIVE AUTHORITY OF PERSONNEL RECOMMENDATIONS
RELATING TO NON-FACULTY**

Resolution No. 79-4

Synopsis: Clarification of the administrative authority of personnel appointment recommendations of unclassified and classified employees at the University.

RULES

3335-5-04 Hearing procedures for complaints against regular and auxiliary faculty members.

(A) Definitions and construction.

- (1) This rule shall apply only to complaints against regular and auxiliary faculty members.
- (2) At all stages in proceedings under this rule department chairmen, deans, or the provost will attempt, through the use of informal consultation, to resolve complaints to their satisfaction and that of the complainant, and the faculty member against whom the complaint is made (hereinafter "respondent").
- (3) Department chairmen, deans, or the provost shall not act in their administrative capacities in the consideration of any complaint naming them as respondent. In complaints naming a department chairman or a dean as respondent, the provost shall appoint an equivalent rank administrator from another department or college to act in the stead of the chairman or dean for the purpose of rule 3335-5-04 of the Administrative Code review. In complaints naming the provost as respondent, the chairman of the faculty hearing committee shall act in his stead.
- (4) The faculty hearing committee is established by rule 3335-5-581 of the Administrative Code.
- (5) Records of proceedings under this rule shall be kept only in the administrative office wherein the proceedings terminate. With written permission of the respondent, such records shall be open to inspection by the ombudsman, but may be inspected by others only with the written permission of the respondent and the administrative officer in charge of the office wherein the records in question are kept.
- (6) Alleged incompetence shall be judged by reference to the qualities and conditions under which tenure is customarily established at this university, to wit: competence with respect to teaching, service, and research. Accordingly, incompetence shall refer to a faculty member's failure to meet his defined teaching, service, and research obligations. However, physical or mental disability resulting in failure of performance shall be dealt with through administrative procedures requiring medical certification, which, in turn, may lead to a change of duties or to retirement.
- (7) Complaints alleging grave misconduct shall refer only to activities that, if proved, seriously impair a faculty member's effectiveness in meeting his defined teaching, service, and research obligations.
- (8) The designation department chairman in this rule includes academic faculty chairman, division chairman, and school director.

RULES

(B) Initial proceedings.

- (1) The complaint shall be set forth in writing, and a copy furnished to the respondent. Only charges thus set forth upon initiation of the complaint shall be considered at the several stages of deliberation.
 - (a) The complaint shall indicate whether the charge is: incompetence or grave misconduct; or failure to meet university responsibilities, which failure is not alleged to constitute incompetence or grave misconduct.
 - (b) Standing as complainant shall be limited to the following classes of persons: the university faculty, students, postdoctoral fellows, and post-professional fellows.
 - (c) The complaint shall be composed by, or directed to, the department chairman of the department of which the respondent is a member.
 - (d) The burden of going forward and the burden of proof shall be with the complainant.
- (2) The department chairman shall review the complaint and evidence relating to it, including evidence on behalf of the respondent, to determine whether reasonable and adequate grounds exist to support the complaint.
 - (a) A decision by the department chairman that no reasonable and adequate grounds exist to support the complaint shall be communicated in writing to the complainant and the respondent. Such a decision may be appealed by the complainant to the dean of the college in which the complaint was initially filed.
 - (b) If reasonable and adequate grounds are determined to exist to support the complaint, the department chairman shall refer the complaint to the dean of the college.

(C) College proceedings.

Complaints referred to the dean of the college by a department chairman, or appealed to the dean by the complainant, shall be reviewed by the dean who will determine whether reasonable and adequate grounds to support the complaint have been established.

- (1) Complaints alleging failure to meet university responsibilities when such failures are not alleged to constitute incompetence or grave misconduct.

RULES

- (a) If no reasonable and adequate grounds are found to support the complaint, the dean shall dismiss the complaint and communicate this disposition in writing to the complainant, the respondent, and the department chairman.
 - (b) If reasonable and adequate grounds are found to support the complaint, the dean shall establish a college hearing committee consisting of no fewer than three faculty members from within the college but from outside the respondent's department.
 - (c) The college hearing committee shall review the complaint, hear relevant testimony, including testimony from both the complainant and the respondent, and determine the accuracy and sufficiency of the complaint.
 - (d) The college hearing committee shall transmit its findings in writing to the complainant, respondent, and dean.
 - (e) Upon receipt of the written findings of the college hearing committee, the dean shall consider them in connection with the nature of the offense and its circumstances and select one of the following sanctions:
 - (i) Dismiss the complaint, if such is the recommendation of the college hearing committee.
 - (ii) Direct that an oral warning and reprimand be administered by the department chairman.
 - (iii) Administer a written record of censure.
 - (f) The complainant may take no appeal from these proceedings. The respondent shall have the right of appeal to the provost from either the findings of the college hearing committee or the sanction imposed by the dean.
- (2) Complaints alleging incompetence or grave misconduct.
- (a) If no reasonable and adequate grounds are found to support the complaint, the dean shall dismiss the complaint and communicate this disposition in writing to the complainant, respondent, and department chairman. A decision to dismiss the complaint may be appealed to the provost.
 - (b) If reasonable and adequate grounds are found to support the complaint, the dean shall refer the matter to the provost.
- (D) The provost.
- (1) Appeals to the provost by a respondent from the findings of a college hearing committee or the sanction imposed by a dean in response to a complaint alleging

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failure to meet university responsibilities, shall be dealt with by the provost in accord with the following procedures:

- (a) Upon receiving such an appeal, the provost shall invoke the procedures contained in paragraphs (E) (1) to (E) (5) of this rule. In such appeals, the dean shall function as prosecutor and the hearing panel shall report its findings of fact and its judgment as to the appropriateness of the imposed sanctions to the provost and to the respondent.
 - (b) Upon receiving the report of the hearing panel, the provost may
 - (i) Sustain the sanction,
 - (ii) Impose a lesser sanction, or
 - (iii) Dismiss the complaint and direct that the record be expunged.
 - (c) The provost shall communicate in writing his disposition of the appeal to the respondent, complainant, and dean. No appeal may be taken from the actions of the provost.
- (2) Complaints alleging incompetence or grave misconduct, referred to or appealed to the provost by a dean or a complainant, shall be reviewed by the provost to determine whether reasonable and adequate grounds have been established to support the complaint.
- (a) If it is determined that reasonable and adequate grounds have not been established to support the complaint, the provost shall dismiss the complaint and communicate this disposition in writing to the complainant, respondent, dean and department chairman. No appeal may be taken from such a dismissal by the provost.
 - (b) If a determination is made that reasonable and adequate grounds have been established to support the complaint, the provost shall transmit a written notice of the specific charges to the faculty hearing committee, respondent, and complainant. In proceedings before a hearing panel involving complaints alleging incompetence or grave misconduct, the burden of going forward, the burden of proof, and the responsibility for prosecuting the charge shall be with the provost. The provost may be represented in such proceedings by a designee.
- (E) The faculty hearing committee.
- (1) Within thirty days of receipt from the provost of charges against a respondent, or of an appeal from a respondent as provided for in paragraphs (D) (1) (a) to (D)

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- (1) (c) of this rule, the faculty hearing committee shall convene a hearing panel to consider the complaint. The respondent and the prosecutor may each make one preemptory challenge to the seating of one person on the hearing panel and to the selection of a presiding officer.
 - (2) The hearing panel may restrict the attendance of persons at the proceedings; provided, however, that neither the respondent nor the prosecutor shall be denied the right to have one observer of their choosing present at all times.
 - (3) Respondents shall have the right to be represented by legal counsel or any other person of their choice, to examine the evidence and witnesses against them, to present witnesses and evidence on their own behalf, and to refuse to testify or be questioned in the proceedings without prejudice to their cause.
 - (4) The hearing panel shall receive such testimony and other evidence as it deems to be material and relevant to the issues before it.
 - (5) An electronic recording shall be kept of all proceedings before a hearing panel. In addition, a written transcript shall be kept of proceedings dealing with complaints alleging incompetence or grave misconduct.
 - (6) At the conclusion of the proceedings, the hearing panel shall make separate written findings of fact and a recommendation as to a sanction, if any, to be imposed pursuant to paragraph (H) of this rule. Such findings of fact and recommendation, together with a complete transcript of the proceedings, shall be transmitted to the president of the university and to the respondent.
 - (7) If the recommendation of a hearing panel is termination of the respondent, such recommendation shall also state whether the termination should be effective immediately, at the end of the current appointment term, or one year following expiration of the current appointment term.
- (F) The president.

Upon receipt of written findings of fact, a complete transcript of the proceedings, and a recommendation from a hearing panel, the president shall review the matter and:

- (1) Should he disagree with the findings or the recommendation of the hearing panel, or desire consideration of additional evidence, he may remand the matter to the hearing panel along with a written statement of the reasons therefor.

Upon remand of a case, the hearing panel shall supply copies of the president's statement to the provost and the respondent, and shall reopen the proceeding, at the conclusion thereof submitting a supplemental report to the president and to the concerned parties.

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- (2) Should he agree with the findings and recommendation of the hearing panel, should he disagree but choose not to remand, or in any event after receiving the supplemental report of the hearing panel, he may:
 - (a) Dismiss the complaint; or
 - (b) Impose any sanction less than termination, whether or not it accords with the recommendation of the hearing panel; or
 - (c) Recommend to the board of trustees termination of the respondent on such terms and conditions as he may deem advisable.

Any decision of the president shall be communicated in writing to the hearing panel and to the respondent.

(G) Board of trustees.

The board of trustees may sustain, revoke, or modify any action taken by the president; accept or reject any recommendation of the president; or, on its own motion, take whatever action under the circumstances it feels to be in the best interest of the university.

- (1) If the president recommends termination, the board may approve the recommendation, disapprove the recommendation and dismiss the complaint, or disapprove the recommendation and modify the sanction subject to paragraph (G) (2) of this rule.
- (2) If the board rejects a recommendation of termination, it shall state its reasons in writing and provide an opportunity for the president, the respondent, and the hearing panel to respond thereto in writing.
- (3) Should the president dismiss a complaint against a respondent, or impose a sanction less than termination, the board, or any committee thereof, may on its own motion review the matter and request written or oral statements of their respective positions from the president, the respondent, and the hearing panel.
- (4) Before imposing a sanction of termination, the board shall give the respondent an opportunity to present to it either in writing or in person reasons why facts as they appear in the record of proceedings do not justify the sanction of termination.

(H) Sanctions applicable to established cases of incompetence or grave misconduct.

Sanctions shall be selected from the following:

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- (1) Recorded censure, administered by the dean of the college or the provost. This sanction shall be applied only in those cases involving unusually strong mitigating circumstances of exceptionally persuasive character.
- (2) Termination of employment, recorded and administered by the provost.

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3335-5-44 Constituent bodies of the senate.

Subject only to the provisions listed below in this paragraph, the representatives to the senate of the administration, of the faculty, and the students shall have the right to meet separately and to organize themselves in whatever manner they shall deem appropriate. As far as the senate is concerned, these bodies represent separate memberships. They may initiate proposals and submit them to the university senate for consideration. The senate, however, shall be independent of these bodies, and its actions shall not need their concurrence nor be subject to their review.

- (A) The members of the administration shall designate to the program committee one person or officer responsible for submitting to the senate those proposals and recommendations which come in the name of the administration.
- (B) The elected faculty representatives to the senate shall constitute the faculty council. The faculty council shall designate to the program committee one person or officer responsible for submitting to the senate those proposals and recommendations which come in the name of the faculty council.
- (C) The student representatives to the senate shall designate to the program committee one person or officer from the undergraduate student government, the council of graduate students, and the inter-professional council, to be responsible for submitting to the senate those proposals and recommendations which come from those respective groups.
- (D) Nothing in the above shall be construed as restricting the right of a principal standing committee or of individual members speaking for themselves to submit proposals for senate action to the program committee, or directly to the senate.

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3335-5-46 Senate committees.

- (A) Organizing committees: the university senate shall have the following four organizing committees:
- (1) Steering committee
 - (2) Program committee
 - (3) Rules committee
 - (4) Elections committee

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.

- (B) Additional committees: in addition to the four organizing committees, the university senate may establish such standing and select committees as it deems necessary or desirable. Except as may be otherwise prescribed by the senate in particular cases, the members of these 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.
- (C) Membership: members of the steering committee, program committee, rules committee and elections committee shall be members of the senate. All other committees of the senate shall include at least one faculty member of the senate.
- (D) Terms of office: student members shall serve one-year terms and be eligible for re-election. Faculty and administration members shall serve two-year terms on organizing committees and, unless otherwise specified in the rules, three-year terms on additional committees.
- (E) Committee chairmen: except where otherwise specified by the senate, each committee shall elect its chairman pro tem in the spring from its continuing membership and a chairman at its first meeting in the autumn quarter.
- (F) Reports of university committees: any university committee composed, in whole or in part, of students or of members of the university faculty (rule 3335-5-19 of the Administrative Code) shall report to the university senate when so requested by the senate.
- (G) Composition and jurisdiction of the organizing committees: the composition and jurisdiction of the four organizing committees of the senate shall be as follows:

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Steering committee

- (H) The steering committee shall consist of thirteen members apportioned as follows: six faculty, one dean, two administrators, and four students. The faculty representatives, three of whom shall be elected each year, and the dean shall be ineligible for immediate re-election. The representatives from the administration shall be the provost and the vice president for business and administration. The (elected) members of the steering committee shall be chosen as follows:
- (1) The faculty membership shall nominate a slate of at least three and no more than six faculty representatives.
 - (2) The representatives of the administration shall nominate at least one and no more than two deans when a new representative is elected.
 - (3) The four student members shall be as follows:
 - The president of the interprofessional council
 - The president of the council of graduate students
 - The president of the undergraduate student government
 - One elected through nomination from the undergraduate student membership of the senate.
- (I) A special meeting of senate members selected to serve the following academic year shall be held in June for the purpose of electing the members of the steering committee, and voting shall be by written ballot. For the period of time beginning with this election and ending with the start of the autumn quarter there will be two steering committees.
- (J) The steering committee shall annually select its chairman from among the six faculty members of the committee.
- (K) The steering committee shall have the following duties and responsibilities:
- (1) It shall be the senate's committee on committees: it shall have the power to call, by a 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) The steering committee shall serve as a channel of communication between the university senate and the president and the board of trustees. Its elected 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 elected members of the steering committee may request and obtain a meeting with the board of trustees.

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- (3) The steering committee shall, at the beginning of each year, nominate candidates for election by the senate to membership on those committees for which other means of nomination are not specified in the rules.
- (4) The steering committee shall meet at least once every year with the chairmen of all standing committees.

Program committee

- (L) The program committee shall consist of nine members apportioned as follows: four faculty, three students, one dean, and the secretary of the university faculty. The faculty representatives, two of whom shall be elected each year, and the dean shall be ineligible for immediate re-election.
- (M) The program committee shall serve as continuing liaison between the university senate and the three constituent bodies as well as the university at large. It shall receive proposals for senate action and set the senate's agenda. The agenda shall be mailed to members at least seven calendar days prior to the senate meeting.
- (N) Items referred by committees of the senate, by the faculty membership, by the administration, by the student membership, and by individual senate members shall be scheduled for senate consideration. 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.
- (O) With the call for each senate meeting the program committee shall send to members a brief written report outlining proposals referred for further study.
- (P) The program committee shall have the responsibility for seeing that committees report in a timely manner on items referred or as charged by the senate.
- (Q) The program committee shall seek to identify matters of potential concern to the senate and shall have the responsibility for working with the principal standing committees and with other bodies in the coordination and planning of the senate's continuing agenda.

Rules committee

- (R) The rules committee shall consist of ten members apportioned as follows: six faculty, three students, and the secretary of the university faculty. The faculty representatives, three of whom shall be elected each year, shall be ineligible for immediate re-election.

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- (S) The rules committee shall have the following functions and responsibilities:
- (1) The committee, in cooperation with the secretary of the university faculty, 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 action, the committee shall receive all proposed new rules and changes in existing rules. It shall 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. 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.
 - (3) The committee may initiate rules or changes in existing rules and recommend them to the program committee for scheduling for senate action.
 - (4) The committee shall review the structure and operation of the university senate. It shall 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.

Elections committee

- (T) The elections committee shall consist of nine members apportioned as follows: one administration member, nominated by the president and elected by the senate; four faculty members; two undergraduate student members; one graduate student member; and one professional student member. The faculty and administration representatives shall be ineligible for immediate re-election.
- (U) The elections committee shall have the following duties and responsibilities:
- (1) Reviewing and recommending to the senate changes in the election bylaws,
 - (2) Overseeing the implementation of the election bylaws and certifying election results to the senate,
 - (3) Hearing appeals concerning election of senate members and making recommendations to the senate on the resolution of such appeals.

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3335-5-47 Committees.

- (A) The university senate shall have the power to designate committees (whether called councils, boards, commissions or committees) from time to time. Membership to these committees shall be elected by the senate from nominations provided by the steering committee unless otherwise specified by these rules or by the senate. The announcements of membership for the year shall be made through the secretary's report. Each committee shall effect its own organization unless a chairman has been designated by these rules or by appointment. Each committee shall elect its chairman pro tem in the spring from its continuing membership and a chairman at its first meeting in the autumn quarter.
- (B) Committees may be special or standing. Standing committees are to be designated in these rules.
- (C) Subject to the board of trustees, all committees shall have such responsibility and authority as assigned by these rules or as assigned by delegation from the senate.

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3335-5-49 The library council.

- (A) The library council shall consist of nine members of the university faculty, one of whom is a member of the senate; the vice president for educational services; the vice provost for research and dean of the graduate school; the director of libraries; one graduate student appointed by the president of the council of graduate students with the approval of the council of graduate students; one professional student appointed by the president of the inter-professional council with the approval of the inter-professional council; and two undergraduate students appointed by the president of the undergraduate student government with the approval of the undergraduate student assembly. The faculty council shall appoint the nine faculty members for three-year terms, three to retire each year and to be ineligible for reappointment during one year thereafter. The chairman shall be elected from among the faculty members of the library council and he shall report to the university senate.
- (B) The council, in cooperation with the director of libraries, shall formulate the policies governing the operation of the university libraries as an educational and research facility. It shall assist the director in the interpretation of library services to the university community. It shall also assist in the presentation of major library needs to the university administration.
- (C) Reports by this council to the president, other than those made through the university senate, shall be made through the provost.
- (D) The library council is responsible for advising the vice president for educational services on the appointment of a director of libraries.
- (E) When an unexpired term becomes vacant, the vacancy shall be filled in the same manner that the position was previously filled. A member selected to fill such a vacancy shall serve for the duration of the unexpired term.

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3335-5-50 Council on student affairs.

(A) The council on student affairs shall consist of fifteen members as follows:

(1) Eight students to be selected as follows:

- (a) The president of the undergraduate student government.
- (b) The president of the association of women students.
- (c) Two students appointed by the president of the undergraduate student government with the advice and consent of the student assembly.
- (d) Two students to be appointed by the president of the council of graduate students with the advice and consent of that council.
- (e) One student to be appointed by the president of the interprofessional council with the advice and consent of that council.
- (f) One representative student appointed by the president of the freshman senate from the membership of that body.

The six students appointed shall serve one-year terms but shall be eligible for reappointment.

(2) Six elected faculty members, at least two of whom shall be university senate members, chosen by the university senate for three-year terms, two to be chosen each year.

(3) The vice president for student services, who shall vote in case of ties.

(B) The vice president for student services shall be chairperson of the council and shall report as requested to the president of the university and to the university senate.

(C) This council shall be the principal liaison council between student government and the faculty and administration. It may recommend to the university senate proposed legislation affecting student life and activities. Its administrative responsibilities shall be expressed through recommendations to the vice president for student services.

(D) The council shall have the authority to make regulations pursuant to rules of the university faculty, the bylaws, and the statutes, insofar as they pertain to students.

(E) The council shall have responsibility for the recognition of, and determination of operating procedures for, the publications of all student organizations, but this responsibility may be delegated by this council to any committee recognized by this council.

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- (F) Any group of students desiring to organize and be recognized as a university organization or as a fraternity or sorority of this university shall obtain permission from the council (see rules 3335-11-03 to 3335-11-04 of the Administrative Code), but this responsibility may be delegated by this council to other councils. The council shall require a list of officers and an annual report from every student organization on the activities of the organization.

- (G) Without limiting the generality of the foregoing, the council's jurisdiction shall also extend to rights and responsibilities of students. Other specific responsibilities consistent with the concept of the council as outlined above may be added from time to time by assignment from the vice president for student services.

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3335-5-52 Council on admission and registration.

- (A) The council on admission and registration shall consist of seventeen members chosen as follows:
- (1) Appointed members. Three members of the university faculty shall be appointed by the president for three-year terms. Appointed members shall be eligible for reappointment.
 - (2) Ex officio members. The persons holding the following three titles shall be ex officio members: provost or his designee (who shall serve as chairman of the council); vice president for business and administration or his designee (who shall serve as secretary of the council); and the director of budget and resources planning or his designee.

Elected members: six faculty, at least three of whom shall be senate members; two undergraduate students; two graduate students; and one professional student elected by the senate.
- (B) It shall be the responsibility of this council to recommend, to the appropriate university offices or to the university 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.
- (C) Reports by this council to the president, other than those made through the university senate, shall be made through the vice president for business and administration.

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3335-5-53 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 center shall serve as chairman for the duration of his tenure as director; six faculty members shall be appointed for three-year terms, with two of the six being appointed each year; the chairmen of the ROTC departments shall serve for the duration of their terms as chairmen of their respective departments. Members appointed for three-year terms shall be eligible for reappointment.
- (B) The Mershon committee on education in national security 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 insuring 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, 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 provost.

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3335-5-58 Committee on academic freedom and responsibility.

- (A) The committee on academic freedom and responsibility shall consist of six faculty members of the university senate and two graduate teaching, research, or administrative associates. The faculty membership shall nominate faculty members and the council of graduate students shall nominate four graduate associates from whom the university senate will elect members of the committee on academic freedom and responsibility. Vacancies on the committee shall be filled through election by the university senate with nominations being made from the floor.
- (B) The committee shall
 - (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" and "The Faculty Appointments, Promotions and Tenure." The committee shall report at least once a year, with recommendations when appropriate, to the university senate.
 - (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 university 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.

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3335-5-60 University calendar committee.

- (A) The university calendar committee shall consist of fourteen members as follows:
- (1) Six members of the university faculty for terms of three years. A faculty member completing a full term shall be ineligible for re-election for one intervening year.
 - (2) Four students consisting of two undergraduates (including a senate member), one graduate, and one professional student.
 - (3) The provost or his designee;
 - (4) A representative of the council of deans;
 - (5) The assistant vice president for registration services, or his designee, ex officio;
 - (6) The vice president for personnel services, or his designee, ex officio.
- (B) The university calendar committee shall be advisory to the council of deans on calendar-related matters, and shall:
- (1) Formulate guidelines for the preparation of university calendars to be presented for approval to the senate;
 - (2) Propose the university calendar, following the adopted guidelines, to the council of deans;
 - (3) Study the comparative advantages and disadvantages of the quarter system and alternative systems; and
 - (4) Study the development of improved quarter-end validation procedures.
- (C) The university calendar committee shall report to the university senate at least once a year.

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3335-15-01 Masculine and feminine gender.

In these rules the masculine gender has been used for the sake of convenience. Unless specifically noted, it is to be considered as including the feminine gender in each instance.

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3335-7-23 Alteration of marks.

(A) A mark filed in the office of registration, records and scheduling is a part of the official records of the university. It is not subject to change except upon written authorization of:

- (1) The instructor of the course,
- (2) The instructor's department chairman, if applicable,
- (3) The director of the instructor's school, if applicable,
- (4) The dean of the instructor's college, and
- (5) The authorized representative of the dean or director of the student's enrollment unit.

Such change shall be made only when error has been discovered in evaluation or recording of a grade. In no case will a grade be revised in accordance with criteria other than those applied to all students in the class.

(B) Action to change a grade must be initiated before the end of the second succeeding quarter.

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3335-5-491 Bookstore committee.

- (A) The bookstore committee shall consist of ten members:
- (1) Three faculty for three-year terms, one of whom shall be a member of the university libraries;
 - (2) Two administration members, appointed by the president for two-year terms;
 - (3) One graduate student;
 - (4) One professional student;
 - (5) Two undergraduate students; and
 - (6) One non-university member, appointed by the president for a two-year term.
- (B) The bookstore committee shall:
- (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.

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3335-5-581 Faculty hearing committee.

- (A) The faculty hearing committee shall consist of six members of the regular faculty. Three members shall be elected annually from a slate of six candidates. Each member shall serve a regular two-year term, followed by a one-year term as an alternate.
- (B) The chairman 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.
- (C) 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.
- (D) 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 procedure as they may deem necessary. The presiding officer, if not a member of the panel, shall not participate in substantive deliberations with the panel nor vote on decisions by the panel.
- (E) The proceedings of a hearing panel shall be conducted according to the specifications listed as follows:
 - (1) Hearings conducted on allegations of incompetence or grave misconduct, or on appeals from findings of failure to meet university responsibilities, or on claims of infringement of constitutional rights in the evaluation process shall follow procedures according to paragraph (E) of rule 3335-5-04 of the Administrative Code.
 - (2) Hearings conducted on complaints of inadequate consideration leading to alleged improper evaluation shall follow procedures according to paragraph (C) (4) of rule 3335-5-05 of the Administrative Code.

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3335-5-591 Legislative affairs committee.

(A) The legislative affairs committee shall consist of seven members:

- (1) Three faculty, for three-year terms;
- (2) One graduate student;
- (3) One professional student;
- (4) One undergraduate student; and
- (5) One administration member, annually appointed by the president.

(B) The legislative affairs committee shall:

- (1) Inform itself on legislative affairs, current or contemplated, that affect higher education in general and the Ohio state university in particular, and to make this information available to the university senate.
- (2) Inform itself, through the senate and otherwise, on student and faculty concerns with respect to such legislative affairs, and to present those concerns to appropriate university officials.
- (3) Serve as an advisory committee on legislative affairs to the office of public affairs.

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3335-5-611 Traffic and parking commission.

(A) The traffic and parking commission shall consist of sixteen members:

- (1) Six faculty, elected for three-year terms;
- (2) One graduate student;
- (3) One professional student;
- (4) Two undergraduate students;
- (5) Three members of the administration; appointed by the president for three-year terms;
- (6) Two staff members (eligible for only B parking permits) elected for three-year terms; and
- (7) The manager of the traffic and parking division, ex officio, non-voting.

(B) The traffic and parking commission shall:

- (1) Recommend to the president, through appropriate administrative channels, ways and means for improving traffic and parking conditions and the administration and enforcement of traffic and parking regulations.
- (2) Report its activities at least annually to the senate.

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3335-7-271 Student substitution of marks.

- (A) An undergraduate student who has received a grade of D+, D, or E in a course or courses taken during his freshman year (the period during which the student accumulates the first 44 credit hours on his official permanent record) may repeat or substitute up to 15 credit hours of such courses subject to the following regulations:
- (1) The course serving as a repetition or substitute for a course in which a grade of D+, D, or E was received must be recommended by the student's adviser and have the approval of the authorized representative of the dean, or director of the student's enrollment unit, before noon of the third Saturday of the quarter in which the substitute course is taken.
 - (2) The mark received in the repeated or substitute course shall be entered on the student's permanent record and count toward his accumulative point-hour average and credit hours toward graduation. The original course and mark shall remain on the student's permanent record but will not count on his accumulative point-hour average or credit hours toward graduation.
 - (3) Courses repeated or substituted according to this rule shall be completed no later than the end of the quarter during which the student will have accumulated a total of 89 credit hours.
- (B) The graduate school and graduate professional colleges may formulate appropriate modifications of paragraph (A) of this rule, subject to the approval of the council on academic affairs, and publish the rule in their bulletins.

July 21, 1978 meeting, Board of Trustees

**ADMINISTRATIVE AUTHORITY OF PERSONNEL RECOMMENDATIONS
RELATING TO NON-FACULTY (contd)**

WHEREAS under Section 124.11 (A) (7) of the Ohio Revised Code, this Board has the authority to determine which employees and positions are to be part of the unclassified service for the state of Ohio because those employees are engaged in educational, teaching, research or administrative duties; and

WHEREAS there have been recent cases before the State Personnel Board of Review bringing into question the manner in which this Board has previously delegated its authority regarding actions on recommendations for personnel appointments in the unclassified service, and the application of rules and procedures promulgated pursuant to this Board's authority; and

WHEREAS this Board wishes to clarify the administrative authority for development of personnel appointment recommendations of unclassified and classified employees at the University and reaffirm and ratify what has previously been done in this regard by the office of the Vice President for Personnel Services:

NOW THEREFORE

BE IT RESOLVED that the *Bylaws of the Board of Trustees* and the *Rules of the University Faculty* be amended to read as follows:

BY-LAWS of the Board of Trustees

3335-1-03 Administration of the university.

(N) Vice president for personnel services. The major area of responsibility and authority of the vice president for personnel services shall be that of the administration of the personnel services of the university. Without limiting the generality of the foregoing, the vice president for personnel services shall, under the direction of the president and subject to the approval of the board of trustees, be responsible and have the requisite authority for: benefits administration which includes the various insurance programs for the faculty, staff, and students; classification administration including determining which employees and positions are to be in the unclassified and classified service; professional employment services; staff employment services; employee relations, including negotiating with the labor unions; personnel research and information; compensation administration; payroll; the office for the physically impaired; and the child care program. In addition to the above the vice president for personnel services, along with other members of the staff designated by the president, shall provide such assistance as may be deemed appropriate for the implementation of programs related to affirmative action at the university.

July 21, 1978 meeting, Board of Trustees

**ADMINISTRATIVE AUTHORITY OF PERSONNEL RECOMMENDATIONS
RELATING TO NON-FACULTY (contd)**

RULES of the University Faculty

3335-3-14 Vice President for Personnel Services.

- (A) The vice president for personnel services shall be the executive head of the office of personnel services.
- (B) The major area of responsibility and authority of the vice president for personnel services shall be that of the administration of the personnel services of the university. Without limiting the generality of the foregoing, the vice president for personnel services shall, under the direction of the president and subject to the approval of the board of trustees, be responsible and have the requisite authority for: benefits administration which includes the various insurance programs for the faculty, staff, and students; classification administration including determining which employees and positions are to be in the unclassified and classified service; professional employment services; staff employment services; employee relations, including negotiating with the labor unions; personnel research and information; compensation administration; payroll; the office for the physically impaired; and the child care program. In addition to the above the vice president for personnel services, along with other members of the staff designated by the president, shall provide such assistance as may be deemed appropriate for the implementation of programs related to affirmative action at the university.
- (C) The principal administrative officials of the office of personnel services shall include the assistant vice president; director of employment services; director of staff relations; director of compensation services; director of benefits administration; director of personnel systems and research; director of classification services; director of the office for the physically impaired; director of the child care center; and such other associates as may be authorized from time to time.

BE IT FURTHER RESOLVED that all actions heretofore taken by the Vice President for Personnel Services with regard to determining which employees of the University and positions at the University are to be in the unclassified service pursuant to the authority previously delegated to him are hereby affirmed and ratified.

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

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July 21, 1978 meeting, Board of Trustees

DEGREES AND CERTIFICATES - SUMMER QUARTER COMMENCEMENT

Resolution No. 79-5

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 the names of persons who have completed degree and certificate requirements in accordance with Rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on August 31, 1978, 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 awarded degrees and certificates be included in the minutes of this meeting.

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

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HONORARY DEGREE

Resolution No. 79-6

Synopsis: Awarding of an honorary degree is being proposed.

WHEREAS the President after consultation with the Steering Committee of the University Senate pursuant to Rule 3335-3-03 of the Administrative Code, has approved for recommendation to the Board of Trustees the awarding of the honorary degree as listed below:

Tom Moody

Doctor of Laws

NOW THEREFORE

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

Upon motion of Mr. Havens, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 79-7

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments; Leaves of Absence Without Salary; Professional Improvement Leaves; and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the June 8, 1978 meeting of the Board, including the following Appointments; Leaves of Absence Without Salary; Professional Improvement Leaves; and Emeritus Titles as detailed in the University Budget for 1978-79 be approved.

Appointments

Name: JACK L. BEAL
Titles: Assistant Dean and Professor
College: Pharmacy
Effective: July 1, 1978
Salary: \$36,708.00 (12 months)
Present Position: Professor, College of Pharmacy

Name: SUNDER H. ADVANI
Titles: Professor and Chairman
Department: Engineering Mechanics
Effective: September 1, 1978
Salary: \$41,880.00 (12 months)
Present Position: Professor and Associate Chairman of Graduate Studies, Department of Mechanical Engineering and Mechanics, West Virginia University, Morgantown, West Virginia

Name: JOHN S. MCDONALD
Titles: Professor and Chairman
Department: Anesthesiology
Effective: September 1, 1978
Salary: \$49,920.00 (12 months)
Present Position: Professor and Vice Chairman, Department of Anesthesiology; and Professor, Department of Obstetrics and Gynecology, University of Colorado Medical Center, Denver, Colorado

Name: GRANT MORROW, III
Titles: Professor and Chairman
Department: Pediatrics
Effective: September 1, 1978
Salary: \$35,040.00 (12 months)
Present Position: Professor, University of Arizona School of Medicine, Department of Pediatrics, Tucson, Arizona

July 21, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: LOREN V. GEISTFELD
Titles: Associate Professor and Chairman, Department of Home Management and Housing (80%); and Associate Professor, Cooperative Extension Service (10%)
Effective: July 1, 1978
Salary: \$26,352.00 (12 months - 90%)
(\$2,928.00 - OARDC 10%)
Present Position: Assistant Professor, Departments of Consumer Sciences and Retailing, and Agricultural Economics, Purdue University, West Lafayette, Indiana

Name: RICHARD D. GILSON
Titles: Associate Professor and Chairman
Department: Aviation
Effective: July 1, 1978
Salary: \$30,120.00 (12 months)
Present Position: Associate Professor, Department of Aviation

Name: J. RONALD GREEN
Titles: Associate Professor and Chairman
Department: Photography and Cinema
Effective: August 1, 1978
Salary: \$38,040.00 (12 months)
Present Position: Adjunct Faculty and Director, Center for Media Study, State University of New York at Buffalo, New York

Name: BARBARA M. NEWMAN
Titles: Associate Professor and Chairman, Department of Family Relations and Human Development (80%); and Associate Professor, Cooperative Extension Service (10%)
Effective: September 1, 1978
Salary: \$26,892.00 (12 months - 90%)
(\$2,988.00 - OARDC 10%)
Present Position: Associate Professor in Psychology, Russell Sage College, Troy, New York

Name: LENA C. BAILEY
Titles: Acting Director and Professor, School of Home Economics (45%); Professor and Chairman, Department of Home Economics Education (45%); and Professor, Cooperative Extension Service (10%)
Effective: July 1, 1978
Salary: \$36,240.00 (12 months)
Present Position: Professor and Chairman, Department of Home Economics Education

July 21, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: ROBERT KAPLAN
Titles: Professor and Chairman
Division: Health Education
Effective: October 1, 1978
Salary: \$30,120.00 (3 quarters)
Present Position: Professor, School of Health, Physical Education and Recreation

Leaves of Absence Without Salary

FRANCILLE M. FIREBAUGH, Associate Dean, College of Agriculture and Home Economics; Director and Professor, School of Home Economics; and Professor, Department of Home Management and Housing and the Cooperative Extension Service, effective August 1, 1978 through August 31, 1979, for personal reasons.

DAGOBERT L. BRITO, Professor, Department of Economics, effective October 1, 1978 through September 30, 1979, to accept a visiting professor position at Rice University.

P. JOHN KOZYRIS, Professor, College of Law, effective October 1, 1978 through December 31, 1978, to visit University of Texas.

WILLIAM MOORE, JR., Professor, Academic Faculty of Educational Administration, effective July 24, 1978 through May 31, 1980, to conduct a two-year special studies project for the University of the District of Columbia, Washington, D. C.

E. HAN KIM, Associate Professor, Academic Faculty of Finance, effective October 1, 1978 through September 30, 1979, to serve as a visiting professor in the Department of Finance at the University of Chicago, Chicago, Illinois.

GEORGE L. STABY, Associate Professor, Department of Horticulture, effective April 16, 1978 through May 16, 1978, to do research at the University of California at Davis.

MICHAEL JAMES ZWETTLER, Associate Professor, Department of Romance Languages and Literatures, effective October 1, 1978 through September 30, 1979, to accept a one-year appointment at the University of California at Berkeley as a visiting associate professor.

KENNETH S. LEE, Assistant Professor, Department of Architecture, effective October 1, 1978 through September 30, 1979, to earn a doctoral degree in architecture at The University of Michigan.

July 21, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

ROMAN THOMAS SKARDA, Assistant Professor, Department of Veterinary Clinical Sciences, effective June 26, 1978 through July 9, 1978, to fulfill military duty in Switzerland.

MICHAEL LEE VISSCHER, Assistant Professor, Department of Economics, effective October 1, 1978 through December 31, 1978, to work on research at the University of Virginia.

SHARON G. FULLERTON, Instructor, University Libraries, effective July 17, 1978 through September 18, 1978, to accept a grant from IREX (International Research and Exchanges Board) to study Bulgarian language in Sofia, Bulgaria.

JEAN M. SWAINO, Instructor, Agricultural Technical Institute, effective June 12, 1978 through July 23, 1978, for personal reasons.

CONNIE LEE SYLVESTER, Instructor, Division of Dental Hygiene, effective October 1, 1978 through September 30, 1979, to pursue an academic program leading to a master's degree.

Professional Improvement Leaves

SIDNEY CHAFETZ, Professor, Department of Art, effective Winter Quarter 1979 and Spring Quarter 1979.

JOHN HSIA, Professor, Department of Mathematics, effective Autumn Quarter 1978, Winter Quarter 1979 and Spring Quarter 1979.

ILSE LEHISTE, Professor, Department of Linguistics, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

ANTHONY MELNIKAS, Professor, Division of History of Art, effective Autumn Quarter 1978, Winter Quarter 1979 and Spring Quarter 1979.

JOHN MITCHELL, Professor, Department of Agricultural Economics and Rural Sociology, effective Spring Quarter 1979 and Summer Quarter 1979.

SOMASUNDARAM ADDANKI, Associate Professor, Department of Pediatrics, effective August 1, 1978 through July 31, 1979.

PHILIP S. PERLMAN, Associate Professor, Department of Genetics, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

Emeritus Titles

ROBERT S. GREEN, Department of Architecture, with the title Professor Emeritus, effective July 1, 1978.

July 21, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

WALTER L. STARKEY, Department of Mechanical Engineering, with the title Professor Emeritus, effective July 1, 1978.

CLARIBEL M. TAYLOR, Department of Family Relations and Human Development, with the title Professor Emeritus, effective July 1, 1978.

DOUGLAS C. WILLIAMS, Department of Metallurgical Engineering, with the title Professor Emeritus, effective July 1, 1978.

WERNER L. BECHER, Cooperative Extension Service, with the title Associate Professor Emeritus, effective July 1, 1978.

M. LOUISE MOSES, Cooperative Extension Service, with the title Associate Professor Emeritus, effective June 1, 1978.

MARTHA O. SCHOENLAUB, School of Nursing, with the title Assistant Professor Emeritus, effective July 1, 1978.

Upon motion of Mr. Devenow, seconded by Mr. Hilliker, 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. 79-8

Synopsis: The report on contracts, grants and gifts and the summaries for May and June 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 Office of Business and Administration of the University, 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 Office of Business and Administration, the Engineering Experiment Station and The Ohio State University Development Fund during the months of May and June, 1978, be approved.

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

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REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR MAY 1978

Source	No. of Projects	Support Level
Office of Business and Administration	14	\$4,871,689.45
The Ohio State University Research Foundation	57	2,420,140.00
		\$7,291,829.45
The Ohio State University Development Fund	3,915 Donors	\$ 680,020.78
Establishment of Named Funds		
The Anna Marie Mills Memorial Scholarship Fund (College of Social Work)		\$ 16,000.00
The Jean Wills Memorial Scholarship Fund (College of Social Work)		16,000.00
The Ralph E. Bender Scholarship Fund (Department of Agricultural Education)		6,320.00
Roy H. Bowen Scholarship Fund (Department of Theatre)		5,000.00
The Richard and Leonora Hill Endowment for Optometry (College of Optometry)		1,000.00

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR JUNE 1978

Source	No. of Projects	Support Level
Office of Business and Administration	7	\$ 183,970.75
The Ohio State University Research Foundation	116	7,306,973.14
The Engineering Experiment Station	3	111,463.00
		\$7,602,406.89
The Ohio State University Development Fund	7,035 Donors	\$ 586,792.11
Establishment of Named Funds		
The Martha Nelson Lewis Lecture Fund (Honorarium and travel for Lecturers)		\$ 5,080.00
The Department of Surgery Research and Education Fund (Projects and programs in the Department of Surgery)		5,000.00
Douglas C. Williams Scholarship Fund in Metallurgical Engineering (Undergraduate students in Department of Metallurgical Engineering)		5,000.00

July 21, 1978 meeting, Board of Trustees

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Research Contracts/Grants

\$2,295,333.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Student Financial Assistance, Washington, D. C., College Work Study Program, Student Financial Aids (R. Harrison), July 1, 1978 through June 30, 1979. (Appropriation No. 758/00260)

\$2,163,198.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Student Financial Assistance, Washington, D. C., National Direct Student Loan Program, Student Financial Aids (R. Harrison), July 1, 1978 through June 30, 1979. (Appropriation No. 7580260)

\$302,884.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Student Financial Assistance, Washington, D. C., Supplemental Educational Opportunity Grants Program, Student Financial Aids (R. Harrison), July 1, 1978 through June 30, 1979. (Appropriation No. 758/90260)

\$26,184.00 - Department of Justice, Federal Bureau of Prisons, National Institute of Corrections, Washington, D. C., Conduct Training Jail Trainers Workshop, The National Center for Research in Vocational Education (R. E. Taylor), May 16, 1978 through July 31, 1978.

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$4,787,599.00**

State of Ohio Research Contracts/Grants

\$14,885.00 - State of Ohio, Department of Education, Columbus, Ohio, Standards for Colleges and Universities Preparing Teachers, College of Education (F. R. Cyphert), July 1, 1977 through June 30, 1978.

\$9,218.00 - State of Ohio, Commission on Aging, Columbus, Ohio, Ohio Network of Educational Consultants--Meetings, Mansfield Regional Campus (D. L. Clark), October 1, 1977 through September 30, 1978. (Contract No. 78-OCO-113)

\$3,750.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Workshop--Development of a Career Decision Making Model for OWA Programs, College of Education, Academic Faculty of Vocational-Technical Education (N. E. Vivian), Summer Quarter 1978.

\$3,699.00 - State of Ohio, Commission on Aging, Columbus, Ohio, Ohio Network of Educational Consultants--Annual Conference, Mansfield Regional Campus (D. L. Clark), February 1, 1978 through September 30, 1978. (Contract No. 78-OCO-114)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$3,600.00 - State of Ohio, Department of Natural Resources, Columbus, Ohio, Soil and Water Conservation and Agricultural Pollution Abatement lecture and advisory program, Department of Agronomy (B. L. Schmidt), July 1, 1978 through June 30, 1979.

\$3,071.45 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Develop Achievement Tests and Occupational Analyses in the Vocation Services Areas of Agricultural Education, Business and Office Education, Distributive Education and Home Economics Education, College of Education, Academic Faculty of Vocational-Technical Education (A. J. Miller), May 1, 1977 through June 30, 1978.

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$38,223.45

Other Non-Federal Research Contracts/Grants

\$31,945.00 - Philadelphia Public Schools, Philadelphia, Pennsylvania, for providing a continuing organizational structure to facilitate the development and implementation of career education in the member school districts in the Alliance for Career and Vocational Education, The Center for Vocational Education (R. E. Taylor), October 1, 1977 through June 30, 1978.

\$9,043.00 - Millersville State College, Millersville, Pennsylvania, Teacher Educators Module Development Workshops (May 8 and 9, 1978 at Lancaster, Pennsylvania and May 11 and 12, 1978 at Warrendale, Pennsylvania), The National Center for Research in Vocational Education (R. E. Norton), May 5, 1978 through June 30, 1978. (No. 668814)

\$4,000.00 - World Health Organization, Geneva, Switzerland, Support to WHO Collaborating Center on Biological Control of Vectors of Human Disease, Department of Entomology (J. D. Briggs), for the year 1978.

\$879.00 - Edison Board of Education, Edison, New Jersey, Consultant Services for April 10, 1978 Workshop--New Jersey Department of Education, The National Center for Research in Vocational Education (D. Farmer), April 1, 1978 through April 30, 1978. (No. 48501)

TOTAL - OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS \$45,867.00

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$487,050.00 - Environmental Protection Agency, Region V, Chicago, Illinois, Lake Erie Nearshore Surveillance Program (Western Branch), Center for Lake Erie Area Research, College of Biological Sciences (C. E. Herdendorf), 1 April 1978 through 31 March 1979. (Project 711105 - New)

\$164,583.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Leukemia-Lymphoma Program, Department of Medicine (S. P. Balcerzak), 1 March 1978 through 28 February 1979. (Project 711045 - Continuation)

\$114,964.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, A Regional Ambulatory Oncology Program, College of Medicine (J. B. Battles) and Cancer Research Center, Office of Health Sciences (A. F. LoBuglio), 1 May 1978 through 30 April 1979. (Project 711124 - Continuation)

\$102,158.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Study of the Pharmacokinetics of Anticancer Drugs, College of Pharmacy (L. Malspeis), 1 May 1978 through 30 April 1981. (Project 711153 - New)

\$87,597.00 - Environmental Protection Agency, Washington, D. C., Effects of Sized Asbestos Fibers on Cellular DNA, Membrane Structure-function, Intermediary Metabolism and Cellular Transformation by Physical, Chemical or Viral Carcinogen, Department of Radiology (R. W. Hart), 15 April 1978 through 14 April 1979. (Project 711108 - Continuation)

\$79,009.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, Electrical Transport and Optical Properties of Random Small Particle Composites, Department of Physics (J. C. Garland), 1 July 1978 through 30 June 1979. (Project 711112 - New)

\$65,877.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Oxalic Acid Metabolism and Primary Hyperoxaluria, Department of Physiological Chemistry (K. E. Richardson), 1 June 1978 through 31 May 1979. (Project 711137 - Continuation)

\$65,800.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, Fundamental Studies of Metal Fluorination Reactions, Department of Metallurgical Engineering (R. A. Rapp), 1 May 1978 through 30 April 1979. (Project 711114 - Continuation)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$65,000.00 - National Science Foundation, Washington, D. C., Resource Patterns and the Structure of Social Systems, Department of Zoology (J. F. Downhower), 1 July 1978 through 30 April 1980. (Project 784391 - Continuation)

\$58,978.00 - National Science Foundation, Washington, D. C., Serial Relations: Research and Theory on Dynamic Context Effects, Department of Psychology (M. R. Jones), 1 May 1978 through 30 April 1979. (Project 711120 - New)

\$48,975.00 - Environmental Protection Agency, Washington, D. C., Limnological Investigations of Water Quality and Fish Larvae in Lake Erie, Center for Lake Erie Area Research, College of Biological Sciences (C. E. Herdendorf), 3 June 1977 through 14 June 1978. (Project 710447 - Continuation)

\$47,641.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Development of New Methods to Assay Enzyme Reactions, College of Pharmacy (C. L. Olson), 1 May 1978 through 30 April 1979. (Project 711121 - Continuation)

\$47,000.00 - National Science Foundation, Washington, D. C., Dynamics, Synthesis and Structure of Carbanionic Substances, Department of Chemistry (G. Fraenkel), 1 July 1978 through 30 June 1979. (Project 784444 - Continuation)

\$46,800.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., Public Service Education, Title IX, HEA 1965 Fellowship Award Application of OSU Schools of Public Administration, School of Public Administration (C. V. Oster), 1 September 1978 through 31 August 1979. (Project 711133 - Continuation)

\$46,734.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Studies on *In Vivo* Growth of Staphylococci, Department of Medical Microbiology (F. A. Kapral), 1 June 1978 through 31 May 1979. (Project 711155 - Continuation)

\$43,199.00 - National Science Foundation, Washington, D. C., Collaborative Research on Dynamic Strategy Models for International Economic Policy, Department of Economics (D. L. Brito), 15 May 1978 through 31 May 1980. (Project 711142 - New)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$41,881.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Phytochemistry of the Genus *Thalictrum*, College of Pharmacy (J. L. Beal), 1 June 1978 through 31 May 1979. (Project 711125 - Continuation)

\$41,870.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Iris Pigmentation, Malanins and Ocular Drug Effects, College of Pharmacy (P. N. Patil), 1 June 1978 through 31 May 1979. (Project 711134 - Continuation)

\$39,683.00 - National Science Foundation, Washington, D. C., Investigations of Ferrar Group Rocks from South Victoria Land, Institute of Polar Studies, Graduate School and Department of Geology and Mineralogy (D. H. Elliot and P. R. Kyle), 1 May 1978 through 30 April 1979. (Project 711152 - New)

\$38,198.00 - Naval Regional Procurement Office, Long Beach, California, Asymptotic High Frequency Techniques for UHF and Above Antennas, ElectroScience Laboratory, Department of Electrical Engineering (C. H. Walter), 1 March 1978 through 31 July 1978. (Project 784508 - Continuation)

\$34,972.00 - National Science Foundation, Washington, D. C., Analysis of Miwok Languages and Reconstruction of Proto Miwok, Department of Linguistics (C. A. Callaghan), 15 May 1978 through 31 May 1980. (Project 711143 - New)

\$33,982.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Protein Structure-Function, Pheromones in Lower Plants, Department of Chemistry (M. H. Klapper), 1 June 1978 through 31 May 1979. (Project 711135 - Continuation)

\$33,279.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Effects of Dietary Change of Phospholipid Metabolism, Department of Physiological Chemistry (H. W. Sprecher), 1 May 1978 through 30 April 1979. (Project 711122 - Continuation)

\$32,455.00 - Department of Commerce, Office of Economic Research, Economic Administration, Washington, D. C., The Establishment, Migration and Closure of Urban Firms: Determinants and Implications for Urban/Regional Policy, Department of City and Regional Planning, School of Architecture (B. V. Rabenau), 1 October 1978 through 30 June 1979. (Project 711130 - New)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$31,749.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Nonparametric Partially Sequential Procedures, Department of Statistics (D. A. Wolfe), 1 June 1978 through 31 May 1979. (Project 711136 - Continuation)

\$30,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Study of GEOS-C Altimeter Data in Order to Improve Existing Gravity Models, Department of Geodetic Science (R. H. Rapp), 15 May 1978 through 15 February 1979. (Project 711118 - New)

\$28,057.00 - National Science Foundation, Washington, D. C., Symmetries of Finite Dimensional Normed Spaces, Department of Mathematics (D. R. Lewis and Y. Gordon), 1 July 1978 through 30 June 1980. (Project 784733 - Continuation)

\$27,514.00 - National Science Foundation, Washington, D. C., Paleomagnetic Investigation of Some Mesozoic and Cenozoic Rocks of the Antarctic Peninsula, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot and W. J. Zinsmeister), 1 June 1978 through 31 October 1979. (Project 784744 - Continuation)

\$25,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, A Study of Tactual Sensing and Transmittal of Information, Department of Aviation (R. D. Gilson) and Department of Psychology (R. J. Jagacinski), 1 February 1978 through 30 June 1978. (Project 784511 - Continuation)

\$25,000.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Conduction Heat Transfer Analysis in Composite Materials, Department of Mechanical Engineering (L. S. Han), 1 July 1978 through 28 February 1979. (Project 711129 - New)

\$24,946.00 - National Aeronautics and Space Administration, Washington, D. C., Support of the Symposium on Solar-Terrestrial Climatic Relationships, Engineering Experiment Station, College of Engineering (T. A. Seliga), 15 May 1978 through 15 November 1979. (Project 711132 - New)

\$20,000.00 - National Science Foundation, Washington, D. C., Cell-division Patterns During Spore Germination in Ferns, Department of Botany (V. Raghavan), 1 June 1978 through 31 May 1980. (Project 711149 - New)

\$20,000.00 - National Science Foundation, Washington, D. C., A Novel Approach to the Regiospecific Construction of Anthracycline Ring Systems, Versatile Synthons for Benzoquinone and Naphthoquinone Carbanions, Department of Chemistry (J. S. Swenton), 1 September 1978 through 31 August 1979. (Project 710732 - Continuation)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$19,215.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Techniques for the Analysis of Terrestrial and Satellite Data for the Determination of the Earth's Gravitational Field, Department of Geodetic Science (R. H. Rapp), 1 April 1978 through 31 December 1978. (Project 783210 - Continuation)

\$17,313.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Establish Viral Reagent Testing Laboratory, Department of Medical Microbiology (J. H. Hughes and V. V. Hamparian), 16 August 1978 through 15 August 1979. (Project 784505 - Continuation)

\$17,000.00 - National Science Foundation, Washington, D. C., Liftings of Quadratic Lattices and Modular Forms, Department of Mathematics (P. Ponomarev), 1 July 1978 through 30 June 1980. (Project 784459 - Continuation)

\$16,000.00 - National Science Foundation, Washington, D. C., Environmental History of Toolik Lake and Toolik Drainage, Arctic Lake Process Studies (ALPS), Institute of Polar Studies and Department of Zoology (P. A. Colinvaux), 1 May 1978 through 30 April 1979. (Project 711117 - New)

\$8,400.00 - National Science Foundation, Washington, D. C., Weil Representation and Applications to the Lifting Problem, Department of Mathematics (S. Rallis), 1 July 1978 through 30 June 1979. (Project 711115 - New)

\$2,603.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Structure and Function of Heart Mitochondria, Department of Surgery (C. D. Stoner), 1 May 1978 through 30 April 1979. (Project 710307 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$2,180,482.00**

State of Ohio Research Contract/Grant

\$7,997.00 - State of Ohio, Department of Education, Driver Education Section, Columbus, Ohio, Teacher Preparation Instruction in Driver Education for the Handicapped, The Center for Vocational Education (R. E. Taylor), 27 April 1978 through 30 September 1978. (Project 711139 - New)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants

\$69,606.00 - Battelle-Columbus Laboratories, Columbus, Ohio, Large Animal Pre-clinical Evaluations of Pharmacodynamic Effects of Antineoplastic Compounds on the Cardiovascular System, Department of Veterinary Physiology (R. L. Hamlin), 1 October 1978 through 31 October 1978. (Project 784155 - Continuation)

\$31,000.00 - Leukemia Society of America, Inc., New York, New York, Direct Identification and Purification of the Murine Pluripotent Stem Cell, Department of Anatomy (R. L. St. Pierre and J. A. Filppi), 1 July 1978 through 30 June 1980. (Project 711131 - New)

\$22,550.00 - American Heart Association, Inc., Dallas, Texas, CO Distribution of Sub-Lethal Levels in the Heart, Department of Physiological Chemistry (J. O. Alben), 1 July 1978 through 30 June 1979. (Project 711140 - New)

\$15,000.00 - American Otological Society, San Diego, California, Cytochemistry and Mineralization of Otosclerotic Stapes, Department of Otolaryngology (D. J. Lim), 1 July 1978 through 30 June 1979. (Project 711127 - Continuation)

\$15,000.00 - Paralyzed Veterans of America, Washington, D. C., Spinal Cord Energy State After Trauma, Department of Surgery (D. Yashon), 1 July 1978 through 30 June 1979. (Project 710546 - Continuation)

\$13,200.00 - American Heart Association, Inc., Dallas, Texas, Hemodynamic Testing of Prosthetic Heart Valves, Department of Surgery (J. F. Cornhill), 1 July 1978 through 30 June 1979. (Project 711141 - New)

\$10,420.00 - World Health Organization, Geneva, Switzerland, Establishment of an Integrated System for the Characterization of Microsporidian Parasites, Department of Entomology (J. D. Briggs), 1 January 1978 through 31 December 1978. (Project 710916 - New)

\$10,000.00 - United States Trotting Association, Columbus, Ohio, Equine Viral Rhinopneumonitis: Reinfection, Immunity, and Pathogenesis, Department of Veterinary Clinical Sciences (P. W. Murdick), 1 April 1978 through 31 March 1979. (Project 783911 - Continuation)

\$10,000.00 - Central Ohio Lung Association, Columbus, Ohio, School Health Curriculum Project Workshop - Berkeley Model, Department of Health, Physical Education and Recreation (P. Heit), 1 April 1978 through 31 March 1979. (Project 711116 - New)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$9,528.00 - Grey Advertising, Inc., New York, New York, A Study of Attitudes Toward the Role of Women in the Military, Academic Faculty of Marketing (J. L. Ginter), 15 May 1978 through 30 September 1978. (Project 711151 - New)

\$7,000.00 - Astra Lakemedel AF, Sodertalje, Sweden, A Novel Tropical Drug Delivery System, College of Pharmacy (S. G. Frank), 1 May 1978 through 30 April 1979. (Project 711071 - New)

\$5,554.00 - National Joint Painting, Decorating and Drywall Apprenticeship and Training Committee, Washington, D. C., Seminar for Apprenticeship Master Craftsmen Instructors, Center for Vocational Education (R. E. Taylor), 1 May 1978 through 31 August 1978. (Project 711113 - New)

\$5,000.00 - World Health Organization, Geneva, Switzerland, Development of *In Vitro* Production of Insect Pathogens in Invertebrate Cell Lines, Department of Entomology (W. F. Hink), 1 January 1978 through 31 December 1978. (Project 711146 - New)

\$2,953.00 - Maple Heights School District, Maple Heights, Ohio, An Evaluation of Elementary School Facilities, Department of Educational Administration (R. O. Nystrand), 1 April 1978 through 30 June 1978. (Project 711123 - New)

\$2,500.00 - Social Science Research Council, New York, New York, Regional Seminars on the History of Interfaith Relations in the Middle East, University Center for International Studies, Office of Academic Affairs (C. V. Findley), 1 September 1978 through 30 June 1978. (Project 711128 - New)

\$1,400.00 - Medical Incorporated, Inver Grove Heights, Minnesota, Evaluation of the Interface Transfusion Blood Filter, Department of Surgery (J. F. Cornhill), 1 May 1978 through 31 July 1978. (Project 711126 - New)

\$950.00 - National Alliance of Businessmen, Washington, D. C., Career Guidance Institute, Academic Faculty of Special Services (H. J. Peters), 12 January 1978 through 31 August 1978. (Project 711111 - New)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS

\$231,661.00

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000.00 or More

\$108,570.00 - Estate of Lee D. Moody, Springfield, Ohio, for The Lee D. Moody Scholarship Fund.

\$50,000.00 - SDRC (Structural Dynamics Research Corporation), Cincinnati, Ohio, for the SDRC Fund.

\$25,000.00 - Public Welfare Foundation, Inc., Washington, D. C., for the Everett D. Reese Arthritis Research Fund.

\$23,670.00 - Merrell-National Laboratories, Cincinnati, Ohio, for the Clinical Pharmacology Fund.

\$16,700.00 - Arby's Inc., Youngstown, Ohio (given in the names of Ralph Bharati & Chuck Hofsass), for the Animal Science Special Fund.

\$9,732.00 - Dade Division American Hospital Supply Corporation, Miami, Florida, for the Department of Veterinary Clinical Sciences Blood Coagulation Research Fund.

\$8,826.86 - Student Auditing Fund, Columbus, Ohio, for the WOSR Support Fund.

\$7,723.89 - Systems Associates, Columbus, Ohio, for the Department of Medicine General Fund.

\$7,000.00 - Jeffrey Manufacturing Division, Dresser Industries, Inc., Columbus, Ohio, for the Student Athlete Grant-in-Aid Fund.

\$6,125.00 - Hoffmann-LaRoche, Inc., Nutley, New Jersey, for the Infectious Disease Research Fund.

\$6,040.00 - Nationwide Mutual Insurance Company, Columbus, Ohio, for the WOSU Support Fund.

\$5,498.24 - Hematology Associates, Columbus, Ohio, for the Department of Medicine General Fund.

\$5,250.00 - Landmark, Inc. (given in the name of Fred McLaughlin), Columbus, Ohio, \$1,500 for Student Athlete Grant-in-Aid Fund; \$750 for Landmark Scholarship Fund; \$500 for Foundation Seed; \$500 for Landmark Dairy Science Scholarship; \$500 for Landmark Poultry Science Scholarship; \$500 for Landmark Scholarship for Agronomy; \$500 for Landmark Scholarship for Agricultural Education; and \$500 for Landmark Animal Science Award.

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000.00 or More (contd)

\$5,000.00 - Beecham Laboratories, Bristol, Tennessee, for the Clinical Pharmacology Fund.

\$5,000.00 - Estate of James J. McKitterick, Jackson, Ohio, for the James J. McKitterick Fund, to support the Mining Engineering Program in the Department of Civil Engineering.

\$5,000.00 - The Huntington National Bank, Columbus, Ohio, for the Student Athlete Grant-in-Aid Fund.

\$5,000.00 - Robert H. Wolfe, Columbus, Ohio, for the Judson D. Wilson Professorship in Orthopedic Surgery.

\$5,000.00 - Miss Pamela Jo Young, Sherman Oaks, California, for the College of Medicine Progress Fund.

Establishment of Named Funds

The Anna Marie Mills Memorial Scholarship Fund

The Anna Marie Mills Memorial Scholarship Fund was established July 21, 1978, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Mr. Nelson A. Mills, Jr., in memory of his wife, Anna Marie Mills, 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 is to be used to provide one or more scholarships for approved candidates for a Master's Degree in Social Work, who are residents of the State of Ohio. The scholarship award shall be used exclusively for tuitions and the students chosen should have demonstrated academic ability as well as need for financial assistance. The selection of the recipient(s) is to be made upon the recommendation of the College Financial Aid Committee in consultation with the Dean of the College of Social Work.

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.

July 21, 1978 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 Jean Wills Memorial Scholarship Fund

The Jean Wills Memorial Scholarship Fund was established July 21, 1978, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Mr. Nelson A. Mills, Jr., in memory of his friend, Jean Wills, 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 is to be used to provide one or more scholarships for approved candidates for a Master's Degree in Social Work, who are residents of the State of Ohio. The scholarship award shall be used exclusively for tuitions and the students chosen should demonstrate academic ability as well as need for financial assistance. The selection of the recipient(s) is to be made upon the recommendation of the College Financial Aid Committee in consultation with the Dean of the College of Social Work.

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.

The Ralph E. Bender Scholarship Fund

The Ralph E. Bender Scholarship Fund was established July 21, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends and associates of Dr. Ralph E. Bender, (B.S. '33, M.A. '41, Ph.D. '47), upon his retirement from the University after 45 years of service, including 30 years as Chairman of the Department of Agricultural Education.

All gifts are to be invested in the University's Permanent Endowment Fund, under the 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 for a freshman or undergraduate student who has demonstrated academic ability and/or need for financial assistance. The selection of the recipient is to be made upon the recommendation of the Agricultural Education Scholarship Committee to the University Scholarship Committee. Preference is to be given to students enrolling in the Department of Agricultural Education.

Should the need for this scholarship 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 Agricultural Education.

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Roy H. Bowen Scholarship Fund

The Roy H. Bowen Scholarship Fund was established July 21, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from students, colleagues and friends of Roy H. Bowen, (B.A., Otterbein College, 1933; M.A., Northwestern University, 1940; Ph.D., Ohio State University, 1951).

All gifts are to be invested in the University's Permanent Endowment Fund, under the 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 who have demonstrated exceptional talent and ability in theatre. The selection of the recipient is to be made upon the recommendation of the Chairman of the Department of Theatre and the Dean of the College of The Arts.

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 theatre education/training.

The Richard and Leonora Hill Endowment for Optometry

The Richard and Leonora Hill Endowment for Optometry was established July 21, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Richard M. Hill.

All gifts are to be invested in the University's Permanent Endowment Fund, under the 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 principal is to be used to support research in the College of Optometry as determined by the Dean of the College of Optometry. If the funds for research in the College are so ample that other purposes for the income of this endowment are possible, the Dean is authorized to use the income in any way which will improve the excellence of the College of Optometry.

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 Optometry.

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Research Contracts/Grants

\$87,114.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Manpower Training Support, Bethesda, Maryland, Health Professions Student Loan, College of Veterinary Medicine (Student Financial Aids--R. J. Harrison), July 1, 1978 through June 30, 1979. (I.D. No. 5L390083-79, Former No. 7 7 45 0430 15 1)

\$38,606.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Manpower Training Support, Bethesda, Maryland, Health Professions Student Loan, College of Optometry (Student Financial Aids--R. J. Harrison), July 1, 1978 through June 30, 1979. (I.D. No. 5L390077-79, Former No. 4 7 45 0430 15 1)

\$20,000.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Manpower Training Support, Bethesda, Maryland, Health Professions Student Loan, College of Pharmacy (Student Financial Aids--R. J. Harrison), July 1, 1978 through June 30, 1979. (I.D. No. 5L390079-79, Former No. 5 7 45 0430 15 1)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$145,720.00**

State of Ohio Research Contract/Grant

\$22,289.00 - Ohio - State of, Department of Education, Division of Vocational Education, Agricultural Education Service, Columbus, Ohio, Technical Workshops in Vocational Education in Agriculture, College of Agriculture and Home Economics, Department of Agricultural Education (R. Bender), July 1, 1978 through June 30, 1979.

Other Non-Federal Research Contracts/Grants

\$7,707.00 - Millersville State College, Millersville, Pennsylvania, Millersville State College Workshop--Phase II, The National Center for Research in Vocational Education (R. E. Norton), July 1, 1978 through September 30, 1978.

\$6,254.75 - Wyoming - State of, Department of Education, Cheyenne, Wyoming, Wyoming Rural Guidance Workshop, The National Center for Research in Vocational Education (H. Drier), June 1, 1978 through June 30, 1978.

\$2,000.00 - City of New York, Center for Career and Occupational Education, Brooklyn, New York, for assisting the Office of Career Education, New York City Public Schools to plan a career guidance program for guiding students into two occupational training courses, The Center for Vocational Education (B. Fitch), July 1, 1977 through June 30, 1978.

TOTAL-- OTHER NON-FEDERAL RESEARCH
CONTRACTS/GRANTS **\$15,961.75**

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$917,205.00 - Department of Health, Education and Welfare, National Institute of Education, Washington, D. C., Eighteen Month Work Plan for a Long Range Plan for Research and Development, The Center for Vocational Education (R. E. Taylor), 1 June 1978 through 30 November 1978. (Project 761151 - New)

\$800,075.00 - Department of Health, Education and Welfare, Public Health Service, Bureau of Community Health Services, Rockville, Maryland, Mental Retardation Training, Nisonger Center for Mental Retardation (G. E. Martin), 1 July 1978 through 30 June 1979. (Project 711225 - Continuation)

\$547,345.00 - Department of Labor, Employment and Training Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Academic Faculty of Labor and Human Resources (H. S. Parnes), 1 October 1978 through 30 September 1979. (Project 783489 - Continuation)

\$162,676.00 - Department of Health, Education and Welfare, Office of Human Development, Region V, Developmental Disabilities Office, Chicago, Illinois, UAF Administration and Operation, Nisonger Center for Mental Retardation (M. J. Guralnick), 30 June 1978 through 29 June 1979. (Project 711205 - Continuation)

\$148,177.00 - Department of Justice, Law Enforcement Assistance Administration, Washington, D. C., Parole in the United States: An Assessment, School of Public Administration (H. E. Allen), 1 June 1978 through 31 May 1979. (Project 711171 - New)

\$145,772.00 - Department of the Army, Buffalo District, Corps of Engineers, Buffalo, New York, A Shoreline Inventory of the Lake Erie Shoreline and Selected Reaches of Navigable Rivers in the State of Ohio, Department of Civil Engineering (K. W. Bedford) and Center for Lake Erie Area Research, College of Biological Sciences (C. E. Herdendorf), 16 May 1978 through 30 June 1979. (Project 711138 - New)

\$139,492.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Oncology Training Grant, Department of Medicine (S. P. Balcerzak), 1 July 1978 through 30 June 1979. (Project 711212 - Continuation)

\$115,000.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Education for the Handicapped, Washington, D. C., A Parent-Child Interaction Model for Assessment and Training of Severe Language Within the Natural Environment: A Demonstration Project with M. R. Children, Nisonger Center for Mental Retardation (J. MacDonald), 1 July 1978 through 30 June 1979. (Project 711261 - New)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$114,186.00 - Department of Health, Education and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Ohio Quality of Work Project, Academic Faculty of Labor and Human Resources (D. M. Ronchi), 1 June 1978 through 31 May 1979. (Project 711178 - Continuation)

\$113,592.00 - Environmental Protection Agency, Washington, D. C., Limnological Investigations of Water Quality and Fish Larvae in Lake Erie, Center for Lake Erie Area Research, College of Biological Sciences (C. E. Herdendorf), 15 June 1978 through 14 June 1979. (Project 711230 - Continuation)

\$107,377.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Education for the Handicapped, Washington, D. C., Early Infant Intervention Through Parent Interaction, Nisonger Center for Mental Retardation (M. F. Chase), 1 July 1978 through 30 June 1979. (Project 711220 - Continuation)

\$106,482.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Development of Effective Therapy for Sickle Cell Disease, Department of Medicine (S. P. Balcerzak), 26 July 1978 through 25 July 1979. (Project 783478 - Continuation)

\$101,826.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Unsaturated Polyolefins and Hydrocarbon Carcinogenesis, Department of Chemistry (L. A. Paquette), 1 June 1978 through 31 May 1979. (Project 711166 - Continuation)

\$100,000.00 - National Science Foundation, Washington, D. C., Nuclear Physics Research with a 7 MV Van de Graaff Accelerator, Department of Physics (H. J. Hausman, S. L. Blatt, R. N. Boyd, and T. R. Donoghue), 1 November 1978 through 31 October 1979. (Project 784738 - Continuation)

\$97,386.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Biomimetic Metal Complexes of Macrocyclic Ligands, Department of Chemistry (D. H. Busch), 1 July 1978 through 30 June 1979. (Project 711256 - Continuation)

\$96,502.00 - Department of Health, Education and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Delivery of Mental Health Services in Disasters, Department of Sociology (E. L. Quarantelli, V. A. Taylor), 1 June 1978 through 31 May 1979. (Project 711161 - Continuation)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$93,776.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland, Biomedical Computing and Information Processing, Medicine Administration (G. L. Trzebiatowski), 1 July 1978 through 30 June 1979. (Project 711159 - New)

\$90,997.00 - National Science Foundation, Washington, D. C., Establishment of a Bacillus Genetic Stock Center, Department of Microbiology (D. H. Dean), 1 July 1978 through 30 June 1980. (Project 711287 - New)

\$90,000.00 - National Science Foundation, Washington, D. C., Ferromagnetic Resonance in Complex Magnetic Systems, Department of Physics (P. E. Wigen), 1 July 1978 through 30 June 1980. (Project 711277 - New)

\$78,545.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Control of Macrophage Function by cAMP/cGMP in Neoplasia, Department of Medicine (M. S. O'Dorisio), 1 July 1978 through 30 June 1979. (Project 711252 - Continuation)

\$77,289.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Factors Modifying Blood Platelet Function in Diabetics, Department of Physiological Chemistry (H. W. Sprecher), 1 July 1978 through 30 June 1979. (Project 711207 - Continuation)

\$75,563.00 - National Science Foundation, Washington, D. C., Properties of Axiomatic Data Specification, Department of Computer and Information Science (D. J. Moore), 1 June 1978 through 31 May 1980. (Project 711217 - New)

\$74,900.00 - National Science Foundation, Washington, D. C., Synthesis and Rearrangement Reactions of Novel Alicyclic Hydrocarbons, Department of Chemistry (L. A. Paquette), 1 September 1978 through 31 August 1979. (Project 784519 - Continuation)

\$71,104.00 - National Science Foundation, Washington, D. C., The Distributed Loop Computer Network, Department of Computer and Information Science (M. T. Liu), 1 June 1978 through 31 May 1980. (Project 711180 - New)

\$70,548.00 - ACTION, Washington, D. C., Training Peace Corps Volunteers for Tunisia, The Center for Vocational Education (R. E. Taylor and B. A. Reinhart) and Department of Romance Languages and Literatures (D. E. Corbin), 24 May 1978 through 18 August 1978. (Project 761125 - New)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$69,891.00 - Department of Health, Education and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Advanced Psychiatric - Mental Health Nursing, School of Nursing (G. M. Sills), 1 July 1978 through 30 June 1979. (Project 711276 - Continuation)

\$65,603.00 - Department of Health, Education and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Graduate Training in Clinical Psychology, Department of Psychology (J. D. Nolan), 1 July 1978 through 30 June 1979. (Project 711182 - Continuation)

\$64,757.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Interdisciplinary Research Project on Sliding Wear, Department of Metallurgical Engineering (D. A. Rigney), 10 June 1978 through 9 June 1980. (Project 711174 - New)

\$62,500.00 - National Science Foundation, Washington, D. C., Totally Synthetic Heme Protein Models, Department of Chemistry (D. H. Busch), 1 August 1978 through 31 July 1979. (Project 711200 - New)

\$61,510.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Methodologies for Computer Program Testing, Department of Computer and Information Science (B. Chandrasekaran and L. J. White), 1 July 1978 through 30 June 1979. (Project 784741 - Continuation)

\$60,000.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Education for the Handicapped, Washington, D. C., A Proposal for Developing and Implementing Major Curricular Modifications to Prepare Personnel in Accordance with the Requirements of P. L. 94-142, Academic Faculty for Exceptional Children (T. M. Stephens), 1 June 1978 through 31 May 1979. (Project 711157 - Continuation)

\$59,327.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Hematology Training Grant, Department of Medicine (S. P. Balcerzak), 1 July 1978 through 30 June 1979. (Project 711248 - Continuation)

\$56,289.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Predoctoral Training in Medicinal Chemistry, College of Pharmacy (D. T. Witziak), 1 July 1978 through 30 June 1979. (Project 711148 - Continuation)

July 21, 1978 meeting, Board of Trustees ,

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$55,672.00 - National Science Foundation, Washington, D. C., Acquisition of a Transmission Electron Microscope, Department of Botany (G. L. Floyd and T. N. Taylor), 1 June 1978 through 31 May 1980. (Project 711257 - New)

\$51,956.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Soil-Landform Interactions in Wet Arctic and Alpine Tundras Along a Regional Climatic Gradient, Institute of Polar Studies, Graduate School (K. R. Everett), 15 July 1978 through 14 July 1979. (Project 784494 - Continuation)

\$50,352.00 - National Science Foundation, Washington, D. C., Spatial Competence Based on Environmental Cue Selection, Department of Geography (J. N. Rayner) and College of Social Work (J. J. Parnicky), 1 May 1978 through 30 April 1979. (Project 711173 - New)

\$50,000.00 - Department of the Air Force, Headquarters, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, TVCM Effects, Department of Electrical Engineering, ElectroScience Laboratory (J. Meadors), 16 April 1978 through 30 September 1978. (Project 711096 - New)

\$49,962.00 - Environmental Protection Agency, Washington, D. C., Chlorinated Hydrocarbons: Insecticide vs. Carcinogenic Action, Department of Radiology (R. W. Hart); College of Pharmacy (N. J. Lewis); and Department of Entomology (W. J. Collins), 18 July 1978 through 17 July 1979. (Project 760756 - Continuation)

\$49,000.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Education for Handicapped, Washington, D. C., Special Education Component in University-Affiliated Program for Preparing Personnel from a Variety of Disciplines to Deal with Problems, Nisonger Center for Mental Retardation (V. W. Cotter), 1 July 1978 through 31 May 1979. (Project 711167 - Continuation)

\$48,998.00 - National Science Foundation, Washington, D. C., Gaseous and Aqueous Corrosion of Ceramics, Department of Ceramic Engineering (D. W. Readey), 1 July 1978 through 30 June 1979. (Project 711251 - New)

\$49,800.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Translation of Phrase-Structured Programming Languages, Department of Computer and Information Science (H. W. Butteltmann), 30 June 1978 through 30 June 1979. (Project 784151 - Continuation)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$48,000.00 - National Science Foundation, Washington, D. C., Low Temperature Transport Phenomena in Metals, Department of Physics (J. C. Garland), 1 July 1978 through 30 June 1979. (Project 711266 - New)

\$47,889.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Molecules of Biological Interest, Department of Chemistry (P. D. Magnus), 1 July 1978 through 30 June 1979. (Project 711253 - New)

\$47,121.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, The Neural Control of Temperature Regulation, Department of Physiology (J. A. Boulant), 1 July 1978 through 30 June 1979. (Project 711258 - New)

\$45,800.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunobiologic Responses of the Cat to Feline Oncornaviruses, Department of Veterinary Pathobiology (R. G. Olsen), 30 June 1978 through 15 September 1978. (Project 784227 - Continuation)

\$45,000.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Education for the Handicapped, Washington, D. C., (Pre-Service Program Continuation)--An Interdisciplinary Graduate Program in Physical Education with Specialization in Adapted Physical Education, School of Health, Physical Education and Recreation (W. F. Ersing), 1 June 1978 through 31 May 1979. (Project 711262 - Continuation)

\$44,269.00 - Department of State, Washington, D. C., Paleomagnetic Study of Upper Carboniferous Coal Bearing Strata in North West Spain, Department of Geology and Mineralogy (H. C. Noltimier), 1 March 1978 through 28 February 1979. (Project 711242 - New)

\$41,736.00 - National Science Foundation, Washington, D. C., The Approximation Property, Department of Mathematics (W. J. Davis and J. Lindenstrauss), 1 July 1978 through 30 June 1979. (Project 711162 - New)

\$40,000.00 - Department of Energy, Washington, D. C., High Energy Physics Studies, Department of Physics (T. A. Romanowski), 1 February 1978 through 31 January 1979. (Project 710041 - Continuation)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$38,381.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Pulmonary Academic Award, Department of Medicine (M. Altman), 1 June 1978 through 31 May 1979. (Project 711269 - Continuation)

\$37,578.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Regulation of Gene Expression and Enzyme Synthesis in Neurospora, Department of Biochemistry (G. A. Marzluf), 1 July 1978 through 30 June 1979. (Project 711199 - Continuation)

\$37,508.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Monte Carlo Calculations of Polypeptide and Nucleic Acid Conformations, Department of Biochemistry (R. A. Scott, III), 1 June 1978 through 31 May 1979. (Project 711208 - Continuation)

\$36,377.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Energy Output and Efficiency of Left Ventricle, Department of Physiology (H. P. Pieper), 1 June 1978 through 31 May 1979. (Project 711158 - Continuation)

\$35,524.00 - Department of Health, Education and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Social Work Education for Community Mental Health, College of Social Work (R. O. Washington), 1 July 1978 through 30 June 1979. (Project 711198 - New)

\$35,000.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., *In Vitro* Chemical Carcinogenesis and Co-Carcinogenesis in Human Cells Initiated by Hydrazine and Polynuclear Components of Jet Fuel, Department of Veterinary Pathobiology (G. E. Milo and J. R. Blakeslee), 1 July 1978 through 30 June 1979. (Project 760702 - Continuation)

\$33,606.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Enzyme Immobilization for Detection of Conformation Changes, Department of Biochemistry (G. P. Royer), 1 July 1978 through 30 June 1979. (Project 711197 - Continuation)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$33,600.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Education for the Handicapped, Washington, D. C., Course Development in Undergraduate International Studies Education, Department of Political Science (J. E. Harf), 1 July 1978 through 30 June 1979. (Project 711259 - Continuation)

\$30,893.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Energetics of Ca^{2+} Cycling During Muscle Contraction, Department of Physiology (J. A. Rall), 1 July 1978 through 30 June 1979. (Project 711239 - New)

\$30,000.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., The Ohio State University-Purdue Russian Language Program in Moscow, Department of Slavic Languages and Literatures (D. F. Robinson), 1 September 1978 through 15 April 1979. (Project 711278 - New)

\$28,300.00 - National Science Foundation, Washington, D. C., Application of Organosilicon Chemistry in Synthesis, Department of Chemistry (P. D. Magnus), 1 June 1978 through 31 May 1979. (Project 711214 - New)

\$28,050.00 - National Science Foundation, Washington, D. C., Late Cretaceous and Early Tertiary Biogeography of the Southern Circum-Pacific, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot and W. Zinsmeister), 1 July 1978 through 30 June 1979. (Project 711181 - New)

\$25,965.00 - Department of Health, Education and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute on Drug Abuse, Rockville, Maryland, Amphetamine: Effects on Muscle Contraction and Endurance, College of Pharmacy (M. C. Gerald), 1 June 1978 through 31 May 1979. (Project 711156 - Continuation)

\$25,646.00 - Department of Health, Education and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, A Relationship Between Pharmacokinetic Distribution of Antimicrobial Drugs and Effectiveness, Department of Veterinary Physiology and Pharmacology (T. E. Powers), 30 July 1978 through 29 September 1978. (Project 783958 - Continuation)

\$22,913.00 - National Science Foundation, Washington, D. C., Liquid Helium at Low Temperatures, Department of Physics (D. O. Edwards), 1 October 1978 through 31 March 1979. (Project 784315 - Continuation)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$21,700.00 - National Science Foundation, Washington, D. C., Combinatorial Geometry: The Whitney Numbers, Department of Mathematics (T. A. Dowling), 1 July 1978 through 30 June 1980. (Project 711179 - New)

\$20,000.00 - National Endowment for the Arts, Washington, D. C., Museum Purchase Plan, Arts Administration (B. Collings), 1 July 1978 through 30 June 1979. (Project 711202 - New)

\$19,575.00 - Department of Health, Education and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Psychiatry - Basic Residency Training, Department of Psychiatry (I. W. Gregory), 1 July 1978 through 30 June 1979. (Project 711247 - Continuation)

\$17,400.00 - National Science Foundation, Washington, D. C., Characterizations of Simple Groups of Characteristic 2, Department of Mathematics (R. Solomon), 1 July 1978 through 30 June 1980. (Project 711245 - New)

\$16,605.00 - National Science Foundation, Washington, D. C., Banach Spaces More General Than Weakly Compactly Generated Spaces, Department of Mathematics (G. Edgar), 1 July 1978 through 30 June 1980. (Project 784732 - Continuation)

\$15,046.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Medicinal Chemistry, College of Pharmacy (D. T. Witiak), 1 July 1978 through 30 June 1979. (Project 711147 - Continuation)

\$15,000.00 - Department of the Army, Army Cold Regions Research and Engineering Laboratory, Hanover, New Hampshire, Ecological Baseline Investigations Along the Yukon River - Prudhoe Bay, Haul Road, Alaska, Institute of Polar Studies and Department of Geology and Mineralogy (K. R. Everett and D. H. Elliot), 7 July 1978 through 6 December 1979. (Project 710561 - Continuation)

\$14,678.00 - Department of Health, Education and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Clinical Psychology Internship Training, Department of Psychiatry (P. A. Marks), 1 July 1978 through 30 June 1979. (Project 711221 - Continuation)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$12,000.00 - National Science Foundation, Washington, D. C., Quadratic Forms Over Algebraic Varieties, Department of Mathematics (D. B. Shapiro), 1 July 1978 through 30 June 1980. (Project 711175 - New)

\$9,521.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Studies on the Syntheses of Boron Hydride Systems, Department of Chemistry (S. Shore), 1 July 1978 through 30 September 1978. (Project 711144 - New)

\$9,350.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Development of a Vaccine Against a Lethal Exotoxin of *Pseudomonas Aeruginosa*, Department of Microbiology (N. R. Baker), 1 June 1978 through 31 May 1979. (Project 711172 - New)

\$9,000.00 - National Science Foundation, Washington, D. C., Comparative Cytology and Biochemistry of Selected Green Algae, Department of Botany (G. L. Floyd), 1 November 1978 through 30 April 1979. (Project 784603 - Continuation)

\$7,300.00 - National Science Foundation, Washington, D. C., Algebra and Combinatorics, Department of Mathematics (D. Marcus), 1 July 1978 through 30 June 1979. (Project 711288 - New)

\$7,200.00 - National Science Foundation, Washington, D. C., A Class of Non-linear Functional Equations Connected with Modular Functions, Department of Mathematics (L. A. Parson), 1 July 1978 through 30 June 1979. (Project 711177 - New)

\$6,879.00 - National Science Foundation, Washington, D. C., The Approximation Problems in Banach Spaces, Department of Mathematics (W. B. Johnson), 1 July 1978 through 30 June 1979. (Project 784455 - Continuation)

\$6,346.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Pulmonary Academic Award, Department of Medicine (M. Altman), 1 June 1977 through 31 May 1978. (Project 784782 - Continuation)

\$3,856.00 - National Science Foundation, Washington, D. C., A Systematic Study of Western North American Species of *Chenopodium*, Department of Botany (D. J. Crawford), 1 June 1978 through 30 August 1979. (Project 711213 - New)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$3,000.00 - National Science Foundation, Washington, D. C., Geochronology and Strontium Isotope Geochemistry of Possible Columbia River Basalt Equivalents, Western Cascades, Oregon, Department of Geology and Mineralogy (J. F. Sutter), 15 February 1978 through 28 February 1979. (Project 711039 - New)

\$2,500.00 - National Science Foundation, Washington, D. C., Symposium on Cellular Interactions in Symbiotic and Parasitic Associations, Department of Zoology (C. B. Cook), 1 July 1978 through 31 December 1978. (Project 711268 - New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$6,497,544.00**

State of Ohio Research Contracts/Grants

\$95,000.00 - Ohio Board of Regents, Columbus, Ohio, Expansion of the Ohio Board of Regents Uniform Information System, Budget and Resources Planning Administration (G. W. Baughman), 15 June 1978 through 31 March 1979. (Project 711224 - New)

\$42,863.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Provision of Technical Assistance to the Ohio Occupational Information Coordinating Committee, Academic Faculty for Labor and Human Resources (M. E. Borus), 1 July 1978 through 30 June 1979. (Project 711233 - New)

\$27,000.00 - Ohio Board of Regents, Columbus, Ohio, A Problem-Solving Model for the Application of Federal Research and Development Outputs to Urban Issues and Problems in Columbus, Ohio, Division of Continuing Education, College of Administrative Science (J. Stanley), 1 July 1978 through 30 June 1979. (Project 711273 - New)

\$15,912.00 - State of Ohio, Department of Administrative Services, Columbus, Ohio, The Ohio Public Executives Program, School of Public Administration (J. Stanley), 1 April 1978 through 31 March 1979. (Project 711109 - Continuation)

\$15,000.00 - Ohio Arts Council, Columbus, Ohio, Peter and the Wolf: A Dance Production for Television, Telecommunications Center, Office of Educational Services (E. Young), 19 May 1978 through 31 December 1978. (Project 711215 - New)

\$9,988.00 - Ohio Historical Society, Ohio Historical Preservation Office, Columbus, Ohio, Regional Archaeological Preservation Office 6A, Department of Anthropology (W. Sumner and K. Deaver), 1 July 1978 through 31 December 1978. (Project 711234 - New)

July 21, 1978 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)

\$3,000.00 - State of Ohio, Department of Mental Health and Mental Retardation, Office of Program Evaluation and Research, Columbus, Ohio, Use of Low Dose Vivactil in Control of Compulsive Eating. A Dramatic New Use for an Old Psychiatric Drug, Department of Psychiatry (J. M. Box and L. E. Arnold), 15 May 1978 through 30 June 1978. (Project 711160 - New)

\$2,700.00 - The Ohio Program in the Humanities, Columbus, Ohio, Focus on the Appalachians of Columbus, Ohio: A Video-presentation and Analysis, Phase II, Telecommunications Center, Office of Educational Services (E. Young), 1 January 1978 through 31 July 1978. (Project 710943 - Continuation)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$ 211,463.00

Industrial, Private, and Other Non-Federal Research Contracts/Grants

\$195,069.00 - The Procter and Gamble Company, Cincinnati, Ohio, Study of Dental Caries, College of Dentistry (W. A. Zacherl), 1 July 1978 through 30 June 1979. (Project 711285 - Continuation)

\$74,985.00 - Exxon Education Foundation, New York, New York, Design and Field Testing of Reflective Teaching, A New Instructional Alternative to Higher Education, Academic Faculty of Curriculum and Foundations (D. R. Cruickshank), 1 July 1978 through 30 June 1980. (Project 711223 - New)

\$67,348.00 - The Procter and Gamble Company, Cincinnati, Ohio, Study of Dental Calculus, College of Dentistry (C. W. Conroy), 1 July 1978 through 30 June 1979. (Project 711286 - Continuation)

\$30,000.00 - American Cancer Society, Inc., New York, New York, American Cancer Society Institutional Research Grant, Cancer Research Center, Office of Health Sciences (D. S. Yohn), 1 July 1978 through 30 June 1979. (Project 711274 - Continuation)

\$26,694.14 - Leukemia Society of America, Inc., New York, New York, Leukemia Society of America Scholar, Department of Medical Microbiology (R. Glaser), 1 March 1978 through 30 June 1979. (Project 711092 - New)

\$23,500.00 - Madison Public Schools, Madison County (Ohio) Board of Education, London, Ohio, Martin W. Essex School for the Gifted, 1978, Academic Faculty for Exceptional Children (T. M. Stephens), 1 May 1978 through 30 November 1978. (Project 711260 - New)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$21,000.00 - The National Foundation March of Dimes, White Plains, New York, Effect of Hypoxia, Pyrogen and Blood Glucose on Thermosensitive Hypothalamic Neurons in the Developing Brain, Department of Physiology (J. A. Boulant), 1 July 1978 through 30 June 1979. (Project 711265 - New)

\$18,040.00 - American Heart Association, Inc., Dallas, Texas, Central Neuronal Control of Peripheral Circulation, Department of Physiology (J. A. Boulant), 1 September 1978 through 31 August 1979. (Project 711255 - New)

\$14,960.00 - American Heart Association, Inc., Dallas, Texas, Hydrophobic Binding in Thrombin Action, Department of Chemistry (L. Berliner and R. Mayer), 1 July 1978 through 30 June 1979. (Project 711243 - Continuation)

\$14,339.00 - Aberrant Behavior Center, Dallas, Texas, Post-Rotatory Nystagmus in the Human Infant, Department of Anatomy (D. L. Clark), 1 May 1978 through 30 June 1979. (Project 711168 - New)

\$14,000.00 - City of Columbus, Department of Finance, Columbus, Ohio, A Problem-Solving Model for the Application of Federal Research and Development Outputs to Urban Issues and Problems in Columbus, Ohio, Division of Continuing Education, College of Administrative Science (J. Stanley), 1 July 1978 through 30 June 1979. (Project 711272 - New)

\$12,116.00 - Battelle-Columbus Laboratories, Columbus, Ohio, Alumina-Tooth Implantation in Human Subjects, College of Dentistry (R. H. Downes), 15 May 1978 through 28 February 1979. (Project 711145 - New)

\$12,000.00 - Electric Power Research Institute, Inc., Palo Alto, California, Corrosion Chemistry in Low Oxygen Activity Atmospheres Characteristic of Gasified or Incompletely Combusted Coal, Department of Metallurgical Engineering (R. A. Rapp), 1 June 1978 through 31 December 1978. (Project 784496 - Continuation)

\$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Prazosin: The Hemodynamic and Biochemical Effects of Long Term Vasodilator Therapy, Department of Medicine (R. Magorien and C. V. Leier), 1 July 1978 through 30 June 1979. (Project 711163 - New)

\$10,000.00 - The United States Trotting Association, Columbus, Ohio, Equine Viral Rhinopneumonitis: Reinfection, Immunity, and Pathogenesis, Department of Veterinary Clinical Sciences (P. W. Murdick), 1 April 1978 through 31 March 1979. (Project 783911 - Continuation)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$10,000.00 - The American University in Cairo, Egypt, New York, New York, Collaborative Research with The American University Social Science Research Center in Cairo, Egypt, Mershon Center for Education in National Security, Graduate School (S. Z. Nagi), 1 June 1978 through 30 April 1979. (Project 711238 - Continuation)

\$10,000.00 - Research Corporation, New York, New York, Metal-Metal and Metal-Substrate Bonding in a New Cluster Model for Metal Surfaces, Department of Chemistry (G. C. Christoph), 1 July 1978 through 30 June 1979. (Project 711203 - New)

\$6,500.00 - Ohio Wesleyan University, Delaware, Ohio, Assistance with Administration, Programming and Policy Analysis, Academic Faculty of Special Services (R. F. Rodgers), 14 August 1978 through 30 June 1979. (Project 711279 - New)

\$5,920.00 - General Foods Corporation, Pet Foods Division, White Plains, New York, Evaluation of Semi-Moist Food Formulae for Susceptibility to Mite Infestation, Department of Entomology (D. E. Johnston), 1 May 1978 through 30 April 1979. (Project 711098 - New)

\$5,403.00 - Society for Research in Child Development, University of Illinois at Urbana-Champaign, Champaign, Illinois, Development of Children's Social Relations, Department of Psychology (F. Serafica), 1 January 1978 through 31 August 1978. (Project 711275 - New)

\$4,248.00 - The Procter and Gamble Company, Cincinnati, Ohio, Fluoride Response in Rats Fed Erythromycin and Subsequently Inoculated with S. Mutans, College of Dentistry (S. Rosen), 1 July 1978 through 30 September 1978. (Project 711222 - New)

\$4,132.00 - Edison State Community College, Piqua, Ohio, Edison State College Management Study, Educational Administration (R. O. Nystrand), 15 May 1978 through 12 July 1978. (Project 711204 - New)

\$3,300.00 - City of Columbus, Ohio, Department of Public Safety, Columbus, Ohio, Evaluation of the Impact of the Implementation of the Citizens' Crime Reporting Project in Columbus, Ohio, School of Public Administration (H. E. Allen), 1 May 1978 through 31 October 1978. (Project 711176 - New)

\$1,445.00 - Columbus Metro Private Donated Account (Local Division of National Alliance of Businessmen), Columbus, Ohio, Career Guidance Institute, Academic Faculty of Special Services (H. J. Peters), 12 January 1978 through 31 August 1978. (Project 711237 - New)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$967.00 - Wayne State University, Detroit, Michigan, Genes on Mitochondrial DNA, Department of Genetics (P. S. Perlman), 1 June 1976 through 31 May 1978. (Project 784446 - Continuation)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS \$ 597,966.14

ENGINEERING EXPERIMENT STATION

State of Ohio Sponsored Research

\$80,492.00 - State of Ohio, Department of Transportation, Columbus, Ohio, for Development of a Driver-Based Method for the Evaluation of Traffic Control Systems for Freeway Maintenance Operations, Department of Industrial and Systems Engineering, July 15, 1978 through June 14, 1979. (EES 581)

\$20,971.00 - State of Ohio, Department of Energy, Columbus, Ohio, for Development of an Energy Allocation Model to Minimize Adverse Socio-Economic Impact of Severe Energy Shortage, Department of City and Regional Planning, August 2, 1978 through September 1, 1978. (EES 568, Extension 1)

TOTAL - STATE OF OHIO SPONSORED RESEARCH \$ 101,463.00

Industrial and Other Sponsored Research

\$10,000.00 - Engineering Council for Professional Development, New York, New York, for "UNITE," College of Engineering, June 1, 1978 through May 31, 1979. (EES 013)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000.00 or More

\$80,100.00 - Estate of Lee D. Moody, Bellefontaine, Ohio, for the Lee D. Moody Scholarship Fund.

\$25,876.00 - SISA, Inc., Cambridge, Massachusetts, for the Clinical Pharmacology Fund.

\$17,465.41 - American Medical Association, Chicago, Illinois, for the Faculty Seminar on Medical Education.

\$15,000.00 - The Bremer Foundation, Youngstown, Ohio, for the Bremer Foundation Fund.

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000.00 or More (contd)

\$14,300.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund.

\$10,000.00 - Frank Batley, M. D., Columbus, Ohio, for the Department of Radiology Development Fund.

\$10,000.00 - Blue Shield, Worthington, Ohio (given in the name of Michael J. Ketchum), for the Laboratory of Work Physiology Fund.

\$10,000.00 - The Dow Chemical Company, Midland, Michigan, for the Foundation Seed.

\$10,000.00 - Mrs. Dorothy J. Garrison, Columbus, Ohio, for the Presidents Club Special Fund.

\$10,000.00 - Hoffmann-LaRoche Foundation, Nutley, New Jersey, for the Clinical Pharmacology Fund.

\$10,000.00 - Marc Tetalman, M. D., Columbus, Ohio, for the Department of Radiology Development Fund.

\$7,830.56 - Systems Associates, Columbus, Ohio, for the Cardiology Support Fund.

\$5,753.86 - Richard H. Keates, M. D., Inc., Columbus, Ohio (given in the name of Richard H. Keates), for the Eye Bank Fund.

\$5,700.00 - University Women's Club, Worthington, Ohio: \$3,000.00 for the University Women's Club Emergency Loan Fund and \$2,700.00 for the University Women's Club Scholarship Fund.

\$5,000.00 - from an anonymous donor for the Minority Affairs Support Fund.

\$5,000.00 - Bethlehem Steel Corporation, Bethlehem, Pennsylvania, for the University Fund unrestricted gifts.

\$5,000.00 - Mr. and Mrs. Edward C. Haaf, Canal Winchester, Ohio, for the Edward C. Haaf Scholarship Fund.

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds

The Martha Nelson Lewis Lecture Fund

The Martha Nelson Lewis Lecture Fund was established July 21, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends and associates of Martha Nelson Lewis, B.S.Ed. '23, former Director of the Medical Dietetics Division, School of Allied Medical Professions, College of Medicine.

All gifts are to be invested in the University's Permanent Endowment Fund, under the 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 underwrite the cost of a lecture series on the subject of nutrition. The Director of the Medical Dietetics Division is authorized to invade the principal, if necessary, to provide adequate funds to pay honorarium and travel expenses for a lecturer. Requisitions for funds will be initiated by the Director of the Medical Dietetics Division and Director of the School of Allied Medical Professions, and approved by the Dean of the College of Medicine.

Should the need for this lecture series 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 Department of Surgery Research and Education Fund

The Department of Surgery Research and Education Fund was established July 21, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends of the College of Medicine.

All gifts are to be invested in the University's Permanent Endowment Fund, under the 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 projects and programs in the Department of Surgery. In the event that the entire annual income from the fund is not required in a given year, the excess will remain in the fund as principal. Dr. Larry C. Carey is authorized to expend the interest and invade the principal amount of the endowment fund when necessary with the approval of the Dean of the College of Medicine. Requisitions for funds will be initiated by Dr. Larry C. Carey during his tenure on the faculty and approved by the Dean

July 21, 1978 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 Department of Surgery Research and Education Fund (contd)

of the College of Medicine. At such time as Dr. Carey leaves the faculty, the fund will resort to the Chairman of the Department of Surgery and the above outlined rules for expenditures will pertain to the Chairman of the Department.

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 Chairman of the Department of Surgery and the Dean of the College of Medicine.

Douglas C. Williams Scholarship Fund in Metallurgical Engineering

The Douglas C. Williams Scholarship Fund in Metallurgical Engineering was established July 21, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni, friends and colleagues of Douglas C. Williams, distinguished Professor of Metallurgical Engineering, 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.

The annual income is to be used to provide scholarship assistance to undergraduate students enrolled in the Department of Metallurgical Engineering. The selection is to be made upon the recommendation of the Scholarship Committee of the Department of Metallurgical Engineering.

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 official of the University who is then directly responsible for metallurgical engineering education.

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July 21, 1978 meeting, Board of Trustees

PLANS AND SPECIFICATIONS

Resolution No. 79-9

Synopsis: Plans and specifications have been completed for two projects and are recommended for approval.

WHEREAS at the request of the Vice President for Business and Administration the plans and specifications, bills of materials, and estimates of cost for the following projects are presented for approval:

NINTH AVENUE PARKING RAMP

Project: The construction of this parking ramp will provide space for 910 vehicles and relieve the overcrowded parking conditions which now exist in the University Hospitals area.

Funding: Budget Account 882029, Ninth Avenue Parking Ramp

Estimated Project Cost: \$3,675,000.00

UNIVERSITY HOSPITAL RENOVATION - PHASE 1

Project: This project is the first phase of the University Hospital Renovation project which will provide the facilities for processing of food to support the proposed food system being installed in the University Hospitals.

Funding: Am. Sub. H.B. 618, Item 315-118, University Hospital Renovation

Estimated Project Cost: \$ 650,000.00

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for these projects, and if satisfactory bids are received to recommend the award of the necessary contracts in accordance with the established University procedures; and that this action be reported at a later meeting.

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

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July 21, 1978 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACT AND
ESTABLISHMENT OF CONTINGENCY FUND**

Resolution No. 79-10

Synopsis: A contract has been awarded for one project to the lowest and best bidder in accordance with University procedures.

WHEREAS the resolution adopted by the Board of Trustees at a previous meeting authorized the President and/or Secretary of the Board of Trustees to sign the plans and specifications, and for the President and/or Vice President for Business and Administration to request bids and recommend awards in accordance with the established University procedures for the following project:

UTILITY TUNNEL REPAIRS - PHASE I

Description: Due to deterioration, structural defects in utility tunnels located at Eleventh Avenue north of Hamilton Hall, Neil Avenue between South Oval and Eleventh Avenue and East Oval, north of Page Hall will be repaired.

General Contract

Date Received:	June 9, 1978
No. of Bids:	4
Low Bid:	\$168,580.00*
High Bid:	\$259,400.00
Estimate of Cost:	\$200,000.00
Awarded to:	Waller & Lund, Inc., Columbus, Ohio
Total Contract:	\$168,580.00
Total Contingency Allowance:	\$ 7,000.00 which is 4 per cent of construction contract
Total Project Cost:	\$179,094.35
Funding:	H.B. 618, Utilities and Renovation 1977-79 Biennium

*The General Contract is being recommended for award to the second lowest bidder. The bond of the low bidder, The Righter Company, Inc., was not signed, therefore the bid was rejected.

July 21, 1978 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACT AND
ESTABLISHMENT OF CONTINGENCY FUND (contd)**

NOW THEREFORE

BE IT RESOLVED, That pursuant to a previous action of the Board, a construction project was bid, a contract was recommended for award and the establishment of contingency fund and expenditure of project funds are hereby reported.

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

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**PURCHASE OF PROPERTY
307 WEST NINTH AVENUE**

Resolution No. 79-11

Synopsis: Purchase of property at 307 West Ninth Avenue is proposed.

WHEREAS the University has been provided an opportunity to purchase the following property: Lot No. 24 and part of Lot No. 25 in William N. King's Neil Avenue Subdivision, Parcel No. 53675 and Parcel No. 21515, commonly known as 307 West Ninth Avenue, Columbus, Franklin County, Ohio; and

WHEREAS said property is within the revised boundaries of the University Master Plan and Land Acquisition Plan; and

WHEREAS said property will be utilized on a short-term basis to provide additional off-street parking;

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to purchase the said property in the name of the Board of Trustees of The Ohio State University from Rule Properties, Inc., for the sum of Sixty Thousand Three Hundred Dollars (\$60,300.00) from General University Funds.

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

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July 21, 1978 meeting, Board of Trustees

**PURCHASE AND LEASE OF PROPERTY
NORTHWOOD ELEMENTARY SCHOOL, 5 WEST NORTHWOOD AVENUE**

Resolution No. 79-12

Synopsis: Purchase and lease of Northwood Elementary School located at 5 West Northwood Avenue is proposed.

WHEREAS the University has been provided an opportunity to acquire the following property: Northwood Elementary School, located at the corner of Northwood Avenue and North High Street, State of Ohio, County of Franklin, City of Columbus, and more commonly known as 5 West Northwood Avenue, and

WHEREAS Amended Substitute House Bill 618 and Amended Senate Bill 493 appropriated up to \$200,000.00 to the University to be used exclusively for the purpose of purchasing the Northwood Elementary School with the intent that the building subsequently be leased to the Northend Community Center Corporation for that corporation's exclusive management as a not-for-profit community center at an annual rent of \$1.00; and

WHEREAS the Northend Community Center Corporation wishes to lease said property for a term of 25 years, for community center purposes; and

WHEREAS an agreement was executed March 7, 1978, between the Board of Trustees and the Columbus Board of Education containing an option to purchase said property:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to exercise the purchase option with the Columbus Board of Education and to take title in the name of the State of Ohio for the use of The Ohio State University, such purchase to be for the sum of \$200,000.00 utilizing funds appropriated to the University pursuant to Amended Substitute House Bill 618; and

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Department of Administrative Services, Director of Public Works, pursuant to his statutory duties, to act for and on behalf of the University in negotiating the necessary legal instruments to provide for said lease with the Northend Community Center Corporation.

President Enarson:

The next recommendation is for the purchase and in turn the lease of Northwood Elementary School, located at 5 West Northwood Avenue. This was discussed in the Committee this morning and the Board Committee was once again given the background on this. You'll recall that we are involved in this property simply because of the interest and action of some local legislators and then action by the General Assembly - in essence directing the University to be an intermediary in getting this property into the hands of a community group. I think it has the support of the Fiscal Affairs Committee, but I wouldn't be too sure.

STATE OF OHIO LEASE

Section 123.01 (A) (9) Revised Code

File No. 2867

THIS INDENTURE OF LEASE, made and entered into this _____ day of _____, 19____, in the City of Columbus, in Franklin County, Ohio, by and between the State of Ohio (The Ohio State University) through its Department of Administrative Services, approved by the Attorney General, signed by the Governor and all officers of the State of Ohio acting for and on behalf of said State, Party of the First Part, and Northend Community Center Corporation, its successors or assigns, whose address is 5 West Northwood Avenue, Columbus, Ohio 43201, Party of the Second Part; Witnesseth:

WHEREAS, the Department of Administrative Services has found that the real estate hereinafter described is the property of the State of Ohio under the jurisdiction of The Ohio State University; and

WHEREAS, said The Ohio State University on _____, 1978 approved the granting of this lease; and

WHEREAS, the Director of Administrative Services has determined that the use of said real estate, if leased for the purposes herein stated, will not materially injure or interfere with the maintenance of any of the adjacent State Land; and

WHEREAS, the Party of the Second Part has applied to the Party of the First Part for a lease of said real estate for Community Center purposes; and

WHEREAS, the Party of the First Part, having considered such application of said Second Party, duly resolves to lease such real estate for the term of twenty-five (25) years commencing July 1, 1978 and ending June 30, 2003, upon the terms and conditions and under the restrictions hereinafter set forth; NOW THEREFORE:

In consideration of the mutual covenants herein contained and the payment of \$1.00 per year by the Party of the Second Part, and for other good and valuable considerations, the receipt of which is hereby acknowledged, the Party of the First Part hereby leases to the Party of the Second Part, its' successors or assigns, the real estate herein described, together with the right and privilege to said Second Party, its' successors or assigns, to occupy and use said real estate for Community Center purposes for the term of twenty-five (25) years under the conditions and restrictions as hereinafter set forth, said real estate being described as follows:

DESCRIPTION

Situated in the State of Ohio, County of Franklin, City of Columbus and commonly known as 5 West Northwood Avenue, together with the improvements and appurtenances thereto and more particularly described on Exhibit "A", attached hereto, and made a part hereof, and incorporated herein for reference.

STATE OF OHIO LEASE (contd)

THIS LEASE IS GRANTED SUBJECT TO THE FOLLOWING CONDITIONS AND RESTRICTIONS:

(1) This lease is granted with the understanding that it may be cancelled by the Director of Administrative Services on ninety (90) days' notice at such time as the State of Ohio or the Federal Government, or both shall require the above described property for any purpose, wherein condemnation or right of eminent domain is evident, and the Party of the Second Part hereby waives any right to damages or compensation in the event of cancellation as aforesaid.

(2) It is understood and agreed that prior to bringing any action for possession of the premises or any action to eject the Party of the Second Part based upon any alleged breach of any provision contained in this lease agreement, the following procedures shall be followed by the Director of Administrative Services:

(a) Director of Administrative Services shall mail notice to the Party of the Second Part specifying: (1) the breach, (2) the action required to cure such breach, and (3) a date, not less than 30 days from the date notice is received by the Party of the Second Part, by which such breach must be secured or corrected; and

(b) Director of Administrative Services shall not unreasonably refuse extension of the 30 days allowed for correcting and for securing breaches which involve repairs and/or improvements to the premises, if the Director of Administrative Services determines that a sincere effort is being made by the Party of the Second Part to secure said breaches; and

(c) Director of Administrative Services shall allow the Party of the Second Part 90 days from notification of termination of this lease, to remove all personal property occupying the State property herein leased and following such removal, the State property herein leased shall be left in a condition satisfactory to the Director of Administrative Services, reasonable wear and tear excepted, and

(d) if the removal of the property described above is not effected within the time specified, the Party of the First Part may restore the State property to a condition satisfactory to the Director of Administrative Services at the expense of the Party of the Second Part.

(3) It is distinctly understood and agreed that the Party of the Second Part shall not permit the premises to be used for unlawful purposes. The Party of the Second Part shall be permitted to obtain an F liquor license from the Ohio Department of Liquor Control for the purpose of limited "on premises" sale of 3.2% beer only.

(4) The Party of the Second Part shall indemnify and save and hold harmless the State of Ohio (The Ohio State University) and its' officers, agents and employees from and against

STATE OF OHIO LEASE (contd)

all loss, cost and expense, including but not limited to reasonable attorney fees, for injury to or death of any person, damage to property, or any other claim by the Party of the Second Part or its' officers, employees, agents, customers, licensees or invitees resulting from the occupancy or use of the premises.

(5) It is agreed that in its' sole discretion, the Party of the First Part, by its' authorized agents, may enter upon said real estate for the purpose of making such changes and improvements as The Ohio State University may deem necessary. The Party of the First Part must give five (5) days notice of its' intent to enter, except in the case of an emergency.

(6) The Party of the Second Part shall keep removed from the adjacent lands not subject to this lease any and all earth, timbers, and other material or debris which may be deposited thereon by reason of the use of the real estate herein leased by said Party of the Second Part, and the Party of the First Part, at any time, may remove such material or debris at the expense of said Party of the Second Part, provided, however, that Party of the First Part gives Party of the Second Part five (5) days written notice of its' intent to implement said provision.

(7) The Party of the Second Part hereby agrees to keep the premises herein leased clean and sanitary and free from weeds, vines, deadfall, and debris of all kinds in compliance with this lease and other State and The Ohio State University regulations, and upon its' failure to do so, the Party of the First Part may have the necessary work performed at the expense of said Party of the Second Part, provided, however, that Party of the First Part gives Party of the Second Part five (5) days written notice of its' intent to implement said provision.

(8) The Party of the Second Part agrees that the real estate herein being leased shall be so used and maintained at all times as not to interfere with the maintenance of any part of the adjacent land of the State.

(9) This lease is hereby expressly made subject to all prior leases and grants heretofore made for any portion of the real estate embraced in this lease, and subject to the renewal of such leases and grants during the entire term of this lease.

(10) The Party of the First Part hereby reserves all oil, gas, coal, or other minerals on or under the real estate herein leased (except lands located within the corporate limits of municipalities) with the right of entry in and upon said premises for the purpose of selling or leasing the same, or prospecting, developing, or operating the same.

(11) The Party of the Second Part hereby agrees to pay, when due, any and all taxes and assessments duly levied against the herein described real estate, including every building or other valuable structure erected thereon, and it is agreed that The Ohio State University will make a diligent effort to obtain tax exempt status for the subject property and/or at its option, aid and cooperate with the Party of the Second Part in its undertaking to obtain said tax exempt status.

STATE OF OHIO LEASE (contd)

(12) Subject to Paragraph 2 hereinabove, if the Party of the Second Part commits any act or permits anything to be done that is prohibited by any State or local ordinance, all the rights and privileges derivable to said Second Party from this agreement shall, at the option of the Party of the First Part, cease and determine, this lease may be cancelled, and said Second Party shall be liable for any and all damages consequent upon such violation and cancellation of this agreement.

(13) It is also agreed and understood that the State of Ohio reserves the right to grant pole, pole line, communication line or cable, and pipe line leases or easements on and in the land herein leased, the same to be in connection with similar rights for like purposes over adjacent lands, and agrees to notify the Party of the Second Part of its intent not less than 30 days prior to the granting of said leases or easements.

(14) It is also further agreed and understood that, if said Second Party fails to comply with any of the conditions of this lease as herein set forth, then this lease shall, at the option of the said Party of the First Part hereto, become null and void, and it is expressly agreed and understood that the receipt of rental after any act of forfeiture hereof by the Party of the Second Part hereto shall not be held to be a waiver by the Party of the First Part of its right to declare such forfeiture and cancel this lease, subject to Paragraph 2 hereinabove, **AND THE PARTY OF THE FIRST PART MAY ENTER UPON AND TAKE POSSESSION WITHOUT FURTHER NOTICE OR OTHER LEGAL ACTION.**

(15) It is further distinctly understood and agreed that this lease shall not be assigned or sublet without the written consent of the Director of Administrative Services, and any such assignment or sublease shall in no way release the Party of the Second Part from any liability under the terms and conditions of this lease.

(16) All fixtures, furnishings, equipment, inventory and other personal property at any time located upon the premises, whether such property is owned by the Party of the Second Part, the Party of the First Part, or any other person, and all additions, alterations and improvements to the premises made by the Party of the Second Part, and/or the Party of the First Part in accordance with Section 19 below, shall be kept and maintained by the Party of the Second Part at its sole risk, and the Party of the Second Part shall indemnify and save harmless the Party of the First Part from and against any and all loss, cost and expense, including but not limited to reasonable attorney fees, by reason of any damage to or destruction of any of the above.

(17) The Party of the Second Part at its' sole responsibility and expense, shall undertake and contract in accordance with the conditions set forth in this section, for such capital improvements as are necessary to bring the premises into full compliance with all applicable building codes, prior to date of use of the facility.

The Party of the Second Part shall not, without prior written consent of the Party of the First Part, in any way alter, rehabilitate, or make improvements or additions in or to the premises, including but not limited to the installation of fixtures, trade fixtures, (including

STATE OF OHIO LEASE (contd)

all necessary signs identifying the premises and hours of service), appliances or equipment, or the painting or changing of the premises or any part thereof. All said signs and their location, must be approved by the Office of University Architect prior to their installation.

The Party of the Second Part shall complete all permitted additions, rehabilitation, alterations or improvements in a good and workmanlike manner, in accordance with plans and specifications approved by the University Architect, and in compliance with all applicable statutes, ordinances, rules and regulations. All additions, alterations and improvements made by the Party of the Second Part shall become the property of the Party of the First Part upon the expiration or termination of this lease in any way.

The Party of the First Part shall undertake and contract for a total expenditure of up to \$100,000.00 of appropriation item 315.130 University Community Services Center as provided for in AM. Sub H. B. No. 618, 112th General Assembly, to provide for structural adaptation of the premises to eliminate architectural barriers for use of the physically handicapped.

(18) If the premises shall be so damaged or destroyed by fire or other casualty that the same, in the sole opinion of the Party of the First Part, after consultation with the Party of the Second Part are untenable and cannot be repaired or replaced so as to be tenable within one hundred twenty (120) days after such damage or destruction, then the Party of the First Part shall have the right to terminate this lease effective as of the date of such damage or destruction. If this lease shall be terminated in accordance with this section, the Party of the Second Part shall immediately surrender and deliver up the premises to the Party of the First Part.

(19)

(a) The Party of the Second Part, at its sole expense, will maintain in good condition and repair the exterior and interior portions of the premises, make all necessary repairs, interior and exterior, structural and nonstructural, ordinary as well as extraordinary, and will keep the said premises and the building thereon situated in good condition and repair, including adjoining areas and sidewalks, in a clean, safe and healthy condition so as to conform to all lawful requirements, laws and ordinances and directions of the proper public authorities and provide for snow and ice removal during the term of this lease.

(b) In the event any portion of the premises shall be in need of repair due to normal wear and tear or be damaged because of improvements installed, or in the event repairs and/or replacements are required by reason of the act, misuse or neglect of the Party of the Second Part, its' agents, employees, invitees, licensees or contractors, the Party of the Second Part agrees to make such repairs and/or replacements promptly and properly at the Party of the Second Part's sole expense and save the Party of the First Part harmless from all loss, cost and expense resulting from the same.

STATE OF OHIO LEASE (contd)

(c) All repairs and replacements made by the Party of the Second Part shall be equal in quality to the original work. If the Party of the Second Part refuses or neglects to commence or complete repairs and/or replacements for which the Party of the Second Part is responsible, promptly and adequately upon 30 days notice, the Party of the First Part may, but shall not be required to, make or complete said repairs and replacements, and the Party of the Second Part shall pay the costs thereof to the Party of the First Part immediately upon the Party of the First Part's giving notice of same to the Party of the Second Part; no such action by the Party of the First Part shall in any way be deemed to be a waiver by the Party of the First Part of any right the Party of the First Part may have hereunder on account of any default by the Party of the Second Part.

(20) During the initial and any additional term of this lease, the Party of the Second Part shall, at its sole cost and expense, carry and maintain, for the mutual benefit of itself, the State of Ohio (The Ohio State University) as their interests may appear, a policy of fire and extended coverage insurance insuring the building for no less than 80% of actual cash value, which actual cash value is \$581,079.00 and insuring all fixtures, furnishings, equipment, inventory, other personal property at any time located upon the premises, and all additions, alterations and improvements to the same, against damage and destruction by all causes generally insured against in policies of fire and extended coverage insurance written on properties in Franklin County, Ohio, in the amount of 100% of the full insurable value thereof, as determined by the insurance company issuing such policy of insurance. Such policy of insurance shall bear an endorsement to the effect that the insurer agrees to notify the Party of the First Part not less than sixty (60) days in advance of any modification or cancellation thereof. Such policy of insurance shall be issued by an insurance company, and shall be in form acceptable to the Party of the First Part. Upon the execution thereof, the Party of the Second Part shall deposit with the Party of the First Part such policy of insurance or a certificate thereof. Not less than sixty (60) days prior to the due date for the payment of premiums upon such policy of insurance, the Party of the Second Part shall deposit with the Party of the First Part evidence satisfactory to the Party of the First Part of the payment of such premiums. Not less than sixty (60) days prior to the termination date of such policy of insurance, the Party of the Second Part shall deposit with the Party of the First Part evidence satisfactory to the Party of the First Part of the renewal of such policy of insurance.

(21) The Party of the Second Part shall arrange for service and pay all charges for utilities (including but not limited to gas, electric, water, sewer and phone service) furnished to the premises during the initial term of this lease.

(22) The Party of the Second Part agrees and warrants that it shall not discriminate or permit discrimination in its operation or employment practices relative to the premises, against any person or group of persons on the grounds of race, color, religion, national origin, sex, sexual orientation, age, or handicap, in any manner prohibited by the laws of the United States, the State of Ohio or the City of Columbus, and further agrees to provide information concerning its employment practices and procedures to any government agency having jurisdiction over such matters.

STATE OF OHIO LEASE (contd)

(23) The Party of the Second Part shall, at its own expense, obtain prior to the commencement of the term of this lease, all licenses, permits and other approvals of all governmental authorities having jurisdiction over the premises, necessary for the operation of a community center on the premises. During the term of this lease the Party of the Second Part shall, at its own expense, maintain in full force and effect all such licenses, permits, and other approvals.

(24) The Party of the Second Part shall, at all times, keep the premises free and clear from all claims, liens, and encumbrances arising from the making of repairs, alterations, additions or improvements to the premises made by the Party of the Second Part pursuant to the terms of this lease, and the Party of the Second Part shall indemnify and save and hold harmless the Party of the First Part from and against all loss, attorney's fees and other costs and expenses incurred or expended in connection with any such claim, lien or encumbrance or the prosecution or defense of any suit, action or proceeding relating to the same.

(25) The Party of the First Part may enter upon the premises provided to the Party of the Second Part hereunder at all reasonable times for the purposes of inspecting the premises.

(26) Upon the expiration of this lease or its' termination in any way, the Party of the Second Part shall surrender and deliver up the premises provided to the Party of the Second Part hereunder broom clean and in as good order and condition as the same shall have been at the commencement of the initial term of this lease, or shall have been put by the Party of the Second Part and/or the Party of the First Part, reasonable wear and tear excepted.

(27) During the initial and any additional term of this lease, the Party of the Second Part shall, at its' sole cost and expense, carry and maintain, for the mutual benefit of itself, the State of Ohio (The Ohio State University) and anyone claiming by, through or under the Party of the First Part, a policy of general liability insurance against claims for personal injuries, wrongful death or property damage occurring on or about the premises provided to the Party of the Second Part hereunder, with minimum amounts of coverage of Five Hundred Thousand Dollars (\$500,000.00) on account of bodily injuries to or death of one person, One Million Dollars (\$1,000,000.00) on account of bodily injuries to or death of more than one person as a result of any one accident or disaster, and Fifty Thousand Dollars (\$50,000.00) on account of damage to property. Such policy of insurance shall be issued by an insurance company, and shall be in form acceptable to the Party of the First Part. Such policy of insurance shall bear an endorsement to the effect that the insurer agrees to notify the Party of the First Part not less than ten (10) days in advance of any modification or cancellation thereof. The Party of the First Part and the Party of the Second Part and anyone claiming by, through or under the Party of the First Part or Party of the Second Part shall be named as insureds under such policy of insurance.

Upon the execution thereof, the Party of the Second Part shall deposit with the Party of the First Part such policy of insurance or a certificate thereof. Not less than ten (10) days prior to the due date for the payment of premiums upon such policy of insurance, the

STATE OF OHIO LEASE (contd)

Party of the Second Part shall deposit with the Party of the First Part evidence satisfactory to the Party of the First Part of the payment of such premiums. Not less than ten (10) days prior to the termination date of such policy of insurance, the Party of the Second Part shall deposit with the Party of the First Part evidence satisfactory to the Party of the First Part of the renewal of such policy of insurance.

The Party of the Second Part shall at its sole cost and expense carry and maintain during the term of this lease such Workers' Compensation and disability insurance as may, from time to time, be required by city, county or state laws. Evidence of such insurance shall be delivered to the Party of the First Part prior to the date of occupancy by the Party of the Second Part, and thereafter, at such times as the Party of the First Part may require.

(28) If the Party of the Second Part shall default in performance of any of the terms, covenants, or conditions of this lease and such default shall continue for a period of ten (10) days after the Party of the First Part shall have given notice thereof to the Party of the Second Part, during which period the Party of the Second Part shall not have proceeded forthwith to substantially remedy such default and prosecuted such effort diligently until such default shall have been remedied, or if the Party of the Second Part shall make an assignment for the benefit of creditors, be adjudged a bankrupt, suffer a receiver or trustee to be appointed in any action or proceeding by or against the Party of the Second Part and fail to secure the discharge of such receiver or trustee within Sixty (60) days following such appointment, or if the Party of the Second Part shall make an application for an arrangement or reorganization under the Bankruptcy Act of the United States, or if the Party of the Second Part shall abandon or vacate the premises, or if the Party of the Second Part shall lose its status as a nonprofit corporation or fail to operate as a nonprofit corporation, then in any of such cases it shall be lawful for the Party of the First Part to enter into the premises and again have, repossess and enjoy the same as if this lease had not been made, and thereupon this lease and everything contained herein or on the part of the Party of the First Part to be done and performed shall cease, terminate and be utterly void. The commencement of a proceeding or suit in forcible entry and detainer or in effectment or otherwise after any default by the Party of the Second Part shall be equivalent in every respect to actual entry by the Party of the First Part, and in case of such default by the Party of the Second Part and entry by the Party of the First Part, the Party of the First Part may, but shall not be obligated to, relet the premises for the highest rent obtainable.

(29) So long as the Party of the Second Part shall pay the rents and keep and perform the terms, covenants and conditions of this lease on its' part to be kept and performed, the Party of the Second Part shall peaceably and quietly hold, occupy and enjoy the premises during the initial term hereof, without let, hindrance or molestation by any person lawfully claiming through or under the Party of the First Part.

(30) Any notice required by this lease to be given by either the Party of the First Part or the Party of the Second Part to the other shall be in writing, shall be sent by certified mail, return receipt requested, and shall be deemed to be given when deposited in the United States mail, postage prepaid, addressed as follows:

STATE OF OHIO LEASE (contd)

If to the Party of the First Part:

The Ohio State University
c/o The Property Management Division
1800 Cannon Drive
Columbus, Ohio 43210

or at such other address as the Party of the First Part may give notice.

If to the Party of the Second Part:

or at such other address as the Party of the Second Part may give notice to the Party of the First Part.

(31) The Party of the Second Part agrees that it shall not advertise any connection with the Party of the First Part or with The Ohio State University or make use of the University's name or other identifying marks or property or make representation, either express or implied, as to the University's promotion or endorsement of the Party of the Second Part's operation unless it has received prior written permission from the Party of the First Part's Office of Business and Administration.

(32) Any term, covenant or condition of this lease which inures to the benefit of or is binding upon the Party of the First Part shall also inure to the benefit of and be binding upon the successors and assigns of the Party of the First Part. Any term, covenant or condition of this lease which inures to the benefit of or is binding upon the Party of the Second Part shall also inure to the benefit of and be binding upon the successors and assigns of the Party of the Second Part.

STATE OF OHIO LEASE (contd)

STATE OF OHIO
PARTY OF THE FIRST PART

BY _____
JAMES A. RHODES
Governor of Ohio

The foregoing instrument was acknowl-
edged before me this _____ day of
_____, 19__

BY _____
RICHARD D. JACKSON, P.E., Director
Department of Administrative Services

Title or Rank

THE OHIO STATE UNIVERSITY

BY _____
EDWARD Q. MOULTON, Vice President

Title or Rank

Witnesses as to signature of Party of
the Second Part:

NORTHEND COMMUNITY CENTER COR-
PORATION
PARTY OF THE SECOND PART

APPROVED _____, 19__

WILLIAM J. BROWN
Attorney General of Ohio

EXHIBIT "A"



08

Northwood Ave.

AVE.

150
High St

(B 21)

10-66692

R. P. WOODRUFF'S

Columbus Board of Education
4/11/20

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July 21, 1978 meeting, Board of Trustees

**PURCHASE AND LEASE OF PROPERTY
NORTHWOOD ELEMENTARY SCHOOL, 5 WEST NORTHWOOD AVENUE (contd)**

Dr. Sirak: Do you highly recommend this one?

Mr. Devenow:

No, we certainly do not. The University has no choice but to move forward with it. The Committee is not happy with the program.

Mr. Galbreath:

You recommend it, but you're not happy with it.

Mr. Devenow:

I'm saying that the Committee has no choice but to recommend it and we're not happy with it - yes.

Mr. Galbreath: I wanted to get that clear.

Mr. Devenow:

Since you were unable to be here this morning I'll brief you later on it.

President Enarson:

I think because of the public interest in this it is important that I say this administration has spent a great deal of time on the matter. From the very outset we have tried to give good faith application to this whole matter. I wouldn't want anything to diminish the truth of that proposition.

Upon motion of Mr. Devenow, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution with Mrs. James, Mr. Devenow, Mr. Smith, Dr. Jacob, Mr. Hilliker, Mr. Havens, and Mr. Galbreath casting affirmative votes, Mr. Gushman casting a negative vote and Dr. Sirak abstaining from voting.

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**AUTHORIZATION FOR DESIGNATED OFFICIALS TO
BUY, SELL, ASSIGN AND TRANSFER SECURITIES AND
TO DEPOSIT OR WITHDRAW FUNDS FROM BANK ACCOUNTS**

Resolution No. 79-13

Synopsis: Authorization for designated officials to buy, sell, assign and transfer securities and to deposit or withdraw funds from bank accounts held in the name of The Ohio State University.

July 21, 1978 meeting, Board of Trustees

**AUTHORIZATION FOR DESIGNATED OFFICIALS TO
BUY, SELL, ASSIGN AND TRANSFER SECURITIES AND
TO DEPOSIT OR WITHDRAW FUNDS FROM BANK ACCOUNTS (contd)**

WHEREAS designated officials of the University buy, sell, assign and transfer stocks and bonds held in the name of The Ohio State University; and

WHEREAS BankOHIO-Ohio National Bank, The City National Bank & Trust Company of Columbus and The Huntington National Bank of Columbus have been designated as depositories for The Ohio State University; and

WHEREAS checking accounts were opened and are maintained in the name of The Ohio State University:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Administration and/or the Treasurer, be and hereby are jointly authorized and empowered to buy, sell, assign and transfer any and all stocks, bonds, evidences of interest and/or indebtedness, rights and options to acquire or to sell the same, and all other securities corporate or otherwise, standing in the name of or belonging to The Ohio State University in any capacity; and

BE IT FURTHER RESOLVED, That the Vice President for Business and Administration and/or the Treasurer be authorized, on behalf of The Ohio State University, and in its name to sign checks, drafts, notes, bills of exchange, acceptances or other orders for the payment of money from said accounts; to endorse in writing or by stamp checks, notes, bills, certificates of deposit or other instruments, owned or held by this University for deposit in said accounts, or for collection or discount by said banks; to accept drafts, acceptances, and other instruments payable to said banks; to waive, demand, protest, and notice of protest, or dishonor of any check, note, bill, draft or other instrument made, drawn or endorsed by the University.

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

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LEASE OF LAND - TUTTLE PARK RECREATION CENTER

Resolution No. 79-14

Synopsis: Authorization requested for lease of land to the City of Columbus for Lots 132, 133, 134, 135 located in Tuttle Park Area.

WHEREAS the State of Ohio, The Ohio State University, has title to Lots 132, 133, 134 and 135 of Montgomery and McKee's Amended and Corrected Plat of Laura M. Knickerbocker's Second Subdivision, located in the Tuttle Park area, in the City of Columbus, Franklin County, Ohio; and

STATE OF OHIO LEASE

Section 123.01 (A) (9) Revised Code

File No. 2937

THIS INDENTURE OF LEASE, made and entered into this 30th day of June, 1978, in the City of Columbus, in Franklin County, Ohio, by and between the State of Ohio through its Department of Administrative Services, approved by the Attorney General, signed by the Governor and all officers of the State of Ohio acting for and on behalf of said State, Party of the First Part, and the City of Columbus, its successors or assigns, whose address is the Recreation and Parks Department, City Hall, Room 124, 90 West Broad Street, Columbus, Ohio 43215, Party of the Second Part; Witnesseth:

WHEREAS, the Department of Administrative Services has found that the real estate hereinafter described is the property of the State of Ohio under the jurisdiction of The Ohio State University; and

WHEREAS, said The Ohio State University by Board of Trustees action on July 21, 1978 approved the granting of this lease; and

WHEREAS, the Director of Administrative Services has determined that the use of said real estate, if leased for the purposes herein stated, will not materially injure or interfere with the maintenance of any of the adjacent State Land; and

WHEREAS, the Party of the Second Part has applied to the Party of the First Part for a lease of said real estate for a park for recreation facilities for public purposes; and

WHEREAS, the Party of the First Part, having considered such application of said Second Party, duly resolves to lease such real estate for the term of twenty-five (25) years commencing June 30, 1978 and ending June 29, 2003, upon the terms and conditions and under the restrictions hereinafter set forth; NOW THEREFORE:

The Party of the First Part hereby leases to the Party of the Second Part, the City of Columbus, its successors or assigns, the real estate herein described, together with the right and privilege to said Second Party, the City of Columbus, its successors or assigns, to occupy and use said real estate for a park for recreation facilities for the public purposes for the term of twenty-five (25) years under the conditions and restrictions as hereinafter set forth, said real estate being described as follows:

DESCRIPTION

Situated in the County of Franklin, in the State of Ohio, and in the City of Columbus, and bounded and described as follows:

Being Lots Numbers One Hundred Thirty-two (132), One Hundred Thirty-three (133), One Hundred Thirty-four (134) and One Hundred Thirty-five (135) of Montgomery and McKee's Addition, as the same are numbered and delineated upon the recorded plat thereof,

STATE OF OHIO LEASE (contd)

of record in Plat Book 5, Page 102, Recorder's Office, Franklin County, Ohio. The above property was granted to the State of Ohio by Deed from Marie Fogle and Ross G. Fogle, her husband, said Deed being recorded in the Franklin County Recorder's Office Deed Record Volume 1218, Page 463, 464, 462 and 466.

Subject to conditions, restrictions and easements, if any, contained in prior recorded instruments affecting the above described premises, and applicable to The Ohio State University.

This lease is granted subject to the following conditions and reservations:

(1) It is distinctly understood and agreed that the Party of the Second Part shall not permit the premises to be used for immoral purposes, nor allow to be sold thereon any spirituous or intoxicating drinks under penalty of forfeiture of this lease.

(2) The Party of the Second Part so far as permitted by law, or any of its agents or contractors are not released from any liability for any damages or claims arising out of any act, omission, or neglect during the construction, operation, or maintenance of the property, which is the subject of this agreement.

(3) The Party of the Second Part shall keep removed from the adjacent lands not subject to this lease any and all earth, timbers, and other material or debris which may be deposited thereon by reason of the use of land leased herein by said Party of the Second Part, and the Party of the First Part, at any time, may remove such material or debris at the expense of said Party of the Second Part.

(4) The Party of the Second Part hereby agrees to keep the premises herein leased clean and sanitary and free from weeds, vines, deadfall, and debris of all kinds in compliance with this lease and other State and local requirements, and upon its failure to do so the Director of Administrative Services may have the necessary work performed at the expense of said Party of the Second Part.

(5) The Party of the Second Part agrees that the real estate herein being leased shall be so used and maintained at all times as not to interfere with the maintenance of any part of the adjacent land of the State.

(6) This lease is hereby expressly made subject to all prior leases and grants heretofore made for any portion of the real estate embraced in this lease, and subject to the renewal of such leases and grants during the entire term of this lease.

(7) The Party of the Second Part hereby agrees to pay, when due, any and all taxes and assessments duly levied against the herein described real estate, including every building or other valuable structure erected thereon.

(8) If the Party of the Second Part commits any act or permits anything to be done that is prohibited by any State or local regulation, all the rights and privileges derivable to said Second Party from this agreement shall, at the option of the Party of the First Part, cease and determine, this lease may be cancelled, and said Second Party shall be liable for any and all damages consequent upon such violation and cancellation of this agreement.

STATE OF OHIO LEASE (contd)

(9) The Party of the Second Part shall pay to the Treasurer of the State of Ohio at Columbus, Ohio, or such other agent as the Party of the First Part may authorize, the sum of One Dollar (\$1.00) the receipt of which is hereby acknowledged.

(10) It is also further agreed and understood that, if said Second Party fails to comply with any of the conditions of this lease as herein set forth, then this lease shall, at the option of the said Party of the First Part hereto, become null and void, and it is expressly agreed and understood that the receipt of rental after any act of forfeiture hereof by the Party of the Second Part hereto shall not be held to be a waiver by the Party of the First Part of its right to declare such forfeiture and cancel this lease and the Party of the First Part may enter upon and take possession of the premises upon sixty (60) days written notice to the Party of the Second Part.

(11) It is further distinctly understood and agreed that this lease shall not be assigned, transferred or sublet without the written consent of the Director of Administrative Services.

(12) Cancellation of the lease by the State of Ohio will result if the City of Columbus fails to create a public park from said property within three (3) years after signing of the lease by the State of Ohio, or if the City of Columbus ceases to use said property for a public park.

(13) The signing of the lease by the Party of the First Part is conditioned upon the Columbus City Council's stipulating, in its action accepting this lease to said property, that the said public park created by the City of Columbus, will be available for use, without restrictions, by the students, faculty and staff of The Ohio State University, and also upon the vacation by the City of Columbus of the following streets and alleys in the City of Columbus between the points mentioned:

Woodruff Avenue,	from the west line of High Street to west line of Tuttle Park Place;
Frambes Avenue,	from the west line of Neil Avenue to the east line of Tuttle Park Place;
Alley South of Lane Avenue,	from the west line of Neil Avenue to the east line of Tuttle Park Place;
Alley South of Frambes Avenue,	from the west line of Neil Avenue to the east line of Tuttle Park Place;
Neil Avenue,	from the north line of Woodruff Avenue to the south line of Lane Avenue;
Tuttle Park Place,	from the north line of Woodruff Avenue to the south line of Lane Avenue

STATE OF OHIO LEASE (contd)

STATE OF OHIO
PARTY OF THE FIRST PART

BY _____
JAMES A. RHODES
Governor of Ohio

The foregoing instrument was acknow-
ledged before me this _____ day of
_____, 19__

BY _____
RICHARD D. JACKSON, P.E., Director
Department of Administrative Services

Title or Rank

Title or Rank

Witnesses as to signature of Party
of the Second Part:

BY _____
THE OHIO STATE UNIVERSITY
Edward Q. Moulton, Vice President
PARTY OF THE SECOND PART
CITY OF COLUMBUS

APPROVED _____, 19__

CITY OF COLUMBUS, OHIO
Melvin B. Dodge, Director

WILLIAM J. BROWN
Attorney General of Ohio

July 21, 1978 meeting, Board of Trustees

LEASE OF LAND - TUTTLE PARK RECREATION CENTER (contd)

WHEREAS the City of Columbus wishes to lease said Lots for a term of 25 years, for a park for recreation facilities for public purposes; and

WHEREAS the park will provide recreation facilities for the public, including The Ohio State University students, staff and faculty without reservations; and

WHEREAS it has been determined that the leasing of this land will not interfere with current or anticipated future use of adjacent University land; and

WHEREAS the present leasing of said land constitutes an action supplementary to and does not conflict with a prior Board resolution of 1975 authorizing the transfer of title to this land to the City of Columbus; and

WHEREAS at the proper time, the intent of the 1975 resolution will be carried out:

NOW THEREFORE

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

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

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COMPUTER CONTRACTS

President Enarson:

The next item was also reviewed by the Committee this morning. Approval is requested to enter into lease purchase agreements with ITEL Corporation and Park Leasing Corporation for computer equipment. There were some questions raised and I'm not sure those have been resolved by now. Perhaps Dr. Moulton would speak to this.

Dr. Moulton:

There were two questions, quite valid questions that were raised. One concerned what would happen if ITEL took bankruptcy. Who would own the equipment? As a condition of lease the University can buy out the contract at any time. Therefore, if bankruptcy were taken we would buy the equipment and self-finance it or find another finance agent. As far as the determination as to whether the machinery is being maintained in a satisfactory condition, there are basically

July 21, 1978 meeting, Board of Trustees

COMPUTER CONTRACTS (contd)

Dr. Moulton: (contd)

three legal alternatives. One is that such a determination would be by the owner solely, which would be not in our interest. The other is to say it would be determined by the user, and I don't think any owner would allow that determination to govern. The last one is that it would be mutually determined. In such a case, if there were a disagreement obviously litigation would have to be initiated by the owner, which would be in our interest.

Mr. Gushman: Or by a third party.

Dr. Moulton:

Or a third party, that's correct. I talked to Mr. Davis and he's cleared us, so we feel that it is a satisfactory arrangement.

Mr. Devenow:

On the basis of that, Mr. Chairman, the Committee recommends that we enter into this contract.

Resolution No. 79-15

Synopsis: Approval is requested to enter into lease-purchase agreements with ITEL Corporation and Park Leasing Corporation for computer equipment.

WHEREAS it has been determined that a need exists to increase the capacity of the University's administrative data processing equipment to service a broad range of University activities, and the most cost-effective manner in which this can be accomplished is to relocate from the Instruction and Research Computer Center (IRCC) to University Systems the principal computer equipment now located at IRCC and obtain new equipment for IRCC; and

WHEREAS bids were solicited, in accordance with specifications developed by the Director of IRCC and the Department of Purchasing, for the lease-purchase of computer equipment to replace the principal computer now used by IRCC to support University activities; and

WHEREAS three bids were received and ITEL Corporation's proposal to provide a Model 470 V/6-II AMDAHL central processor and related features, to be paid for on a monthly basis over the period October 1, 1978 through September 30, 1982 was considered to be the lowest and best bid received; and

July 21, 1978 meeting, Board of Trustees

COMPUTER CONTRACTS (contd)

WHEREAS it also has been determined that a need exists to upgrade the computer equipment used to support the Computer Graphics Research Group of the College of the Arts, and for this purpose bids were solicited, in accordance with specifications developed by the College of the Arts and the Department of Purchasing for the lease-purchase of a new computer system; and

WHEREAS four bids were received and Park Leasing Corporation's proposal to provide a Model PDP-11/780 computer system manufactured by Digital Equipment Corporation, to be paid for on a monthly basis over the period August 1, 1978 through July 31, 1984, was considered to be the lowest and best bid received:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to enter into a lease-purchase agreement with ITEL Corporation essentially in the form attached hereto and incorporated herein by reference.

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Administration be authorized to enter into a lease-purchase agreement with Park Leasing Corporation essentially in the form attached hereto and incorporated herein by reference.

Upon motion of Mr. Devenow, seconded by Mr. Hilliker, 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. 79-16

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

July 21, 1978 meeting, Board of Trustees

REPORT - EXPENSES FOR DESIGNATED ADMINISTRATIVE OFFICIALS (contd)

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

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**REPORT - FISCAL AFFAIRS COMMITTEE
UNIVERSITY HEALTH SERVICE PROFESSIONAL LIABILITY COVERAGE**

Resolution No. 79-17

Synopsis: Authorization for the purchase of professional liability insurance for University Health Service personnel is requested.

WHEREAS Section 3345.201 O.R.C. authorized the Board of Trustees to purchase liability insurance covering employees at the University Hospitals; and

WHEREAS Section 2305.11 (D) (1) O.R.C. redefines "Hospital" to include any clinic that employs a full-time staff of physicians practicing in more than one recognized medical specialty and rendering advice, diagnosis, care and treatment to individuals; and

WHEREAS Section 2743.02 (C) O.R.C. authorized any hospital (as defined in Section 2305.11 (D) (1) above) to purchase liability insurance covering the activities of its staff; and

WHEREAS a comprehensive review of the University's needs and limitations has been made by various University officials and legal counsel; and

WHEREAS on the basis of this evaluation, it has been determined that a liability insurance program may be established within appropriate fiscal and legal parameters:

NOW THEREFORE

BE IT RESOLVED THAT, Pursuant to Section 2743.02 (C) and 3345.201 O.R.C., the President and/or Vice President for Business and Administration be authorized to purchase professional liability insurance for specified staff members of the University Health Service while acting within the scope of their assigned duties/responsibilities; and

IN FURTHERANCE OF THE ABOVE, BE IT RESOLVED THAT, The President and/or Vice President for Business and Administration be authorized effective July 1, 1978 to purchase individual liability insurance policies consistent with the following guidelines:

July 21, 1978 meeting, Board of Trustees

**REPORT - FISCAL AFFAIRS COMMITTEE
UNIVERSITY HEALTH SERVICE PROFESSIONAL LIABILITY COVERAGE (contd)**

- 1) The limits of liability per policy shall be \$100,000 per occurrence and \$300,000 annual aggregate
- 2) The estimated annual premium is \$23,000
- 3) This program shall be reviewed annually with the appropriate University officials prior to any renewals.

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

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**REPORT - FISCAL AFFAIRS COMMITTEE
EMPLOYMENT OF INVESTMENT COUNSELORS**

Resolution No. 79-18

Synopsis: The Huntington National Bank of Columbus and The National City Bank of Cleveland are being proposed to serve as bond counsel.

WHEREAS the Fiscal Affairs Committee has reviewed the investment policies relating to the University's investment portfolio; and

WHEREAS the Fiscal Affairs Committee has been interviewing numerous banks and investment companies to act as bond counsel for the Endowment Fund; and

WHEREAS twelve companies were interviewed and the Committee has recommended that two organizations should be considered for bond counsel; namely, The Huntington National Bank of Columbus and The National City Bank of Cleveland:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to contract for the services of The Huntington National Bank of Columbus and The National City Bank of Cleveland with each to manage an initial amount of approximately \$15,000,000.

Upon motion of Mr. Devenow, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution with eight affirmative votes and Mr. Gushman abstained from voting.

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July 21, 1978 meeting, Board of Trustees

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 79-19

RESOLVED, That the report on the University's Investment Portfolio dated June 30, 1978, 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 8, 1978, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

Howard D. Sirak
Chairman

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APPENDIX I

Degrees Conferred at
THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION
August 31, 1978

The Recipient of Honors

Tom Moody Doctor of Laws

To the demanding tasks of public life, Tom Moody has brought fairness, courage, leadership, and a dedication to the people of Columbus he now serves as mayor. As a lawyer, city council member, judge, and chief executive of a major city, he has responded to the call of public service and has built a distinguished career. In a relatively short span of years, he has become a respected leader in his field, as evidenced by his election in 1977 as president of the National League of Cities, president of the International Union of Local Authorities, and as member of the Advisory Board of the United States Conference of Mayors. He has earned the title, "public servant," in all its full and finest meaning.

Recipients of the Distinguished Service Award

Harold J. Grimm

As one of America's leading historians, Harold J. Grimm has enriched this University for more than three decades as professor, research scholar, and academic administrator. He has made a lasting contribution to the development of historical scholarship at this University.

He earned the personal esteem and professional recognition of his colleagues for a career of high distinction. The numerous honors and awards he has received attest to the breadth and quality of his accomplishments in his field and of his exemplary service to the University and community.

Beyond Dr. Grimm's contributions as scholar and as the distinguished chairman of the Department of History, his commitment to his students as teacher and mentor reflects the high vision of education which he holds. His dedication to those he teaches is reflected in the publication of a world-renowned textbook, as well as in the notable monographs he has written.

James R. McCoy

For nearly 45 years James R. McCoy devoted his personal and professional life to this University, interrupting his efforts only for wartime service. With high distinction, he served in positions of increasing responsibility, culminating in his distinguished leadership as dean of the College of Administrative Science.

To every assignment and role he accepted in behalf of this University, his alma mater, he brought a loyalty, a dedication, and a continuing desire to work toward the goal of educational excellence. Particularly notable were the contributions he

made through his service on the Athletic Council, the Council on Academic Affairs, and the University Senate.

Dean McCoy's deep involvement in his community, his profession, and this University and his commitment to their improvement have earned the respect and admiration of the many whose lives he has enriched.

Edwin L. Mitchell

The crucial role Edwin L. Mitchell played in the establishment and successful development of the Marion Campus has demonstrated the full measure of his dedication to the advancement of education and the service of this University.

As chairman of the Marion Area College Foundation, he helped raise the funds necessary to establish and build what has become a vital academic arm of Ohio State. An articulate and effective spokesman, he led the Marion Campus Citizens Council with authority and great skill.

Mr. Mitchell's deep concern for this University and for education is further reflected in his distinguished service as member and chairman of the Alumni Advisory Board and as a member of the National Council for the College of Law. The numerous tributes and honors he has received reveal the breadth of his many contributions and the high regard in which he is held by his fellow citizens.

Edward F. Wagner

As member and former chairman of the Development Fund Board of this University, Edward F. Wagner served with great distinction. Under his dynamic and innovative leadership, the University's fund-raising activities were reorganized and their results were increased dramatically, leading to three years of record-breaking success.

He also played an essential role in the initial development of a program to enhance the ties between the University and the central Ohio community. His memberships in The Presidents Club and the Alumni Association further reflect his continuing commitment to The Ohio State University.

For his generous investment of time and his personal efforts in support of higher education, Mr. Wagner has earned the continuing respect of his many friends and associates on the campus and in the community. His extensive background and influence in business and civic affairs have been of invaluable assistance to this University in pursuit of its goal of excellence.

Graduate School

Dean: Jules B. LaPidus

Doctor of Musical Arts

Three candidates

Istvan Paku Korody, Columbus; B.M., M.M. (Case Western Reserve University); *Music*; Dr. Sylvia Zarembo, Dr. David M. Butler

Roger Trent Nohl, Columbus; B.Mus., M.Mus.; *Music*; Dr. Richard Tetley-Kardos

Douglas Paul Starr, Westerville; B.Mus., M.Mus.; *Music*; Dr. Marshall H. Barnes

Doctor of Philosophy

One hundred and ninety candidates

Marie Heinrich Abram, Columbus; B.S.Ed., M.S.; *Education*; Dr. William D. Dowling

Riadh Abdul-Latif Ahmad, Baghdad, Iraq; B.S.Agr. (Mosul University); M.S.; *Agronomy*; Dr. Paul R. Henderlong, Dr. Charles G. Streeter

Chris Thomas Allen, Seville; B.S., M.B.A. (Michigan State University); *Business Administration*; Dr. Frederick D. Sturdivant

Kenneth Paul Ambrose, Columbus; B.A. (West Virginia Wesleyan University); M.A. (Marshall University); *Sociology*; Dr. Russell R. Dynes

Peter Anthony Antonoplos, Dayton; B.A. (Wittenberg University); M.Ed. (Wright State University); *Education*; Dr. Charles M. Galloway

Jane Henry Applegate, Columbus; B.S.Ed., M.A.; *Education*; Dr. Ronald R. Cruickshank

Joseph William Arwady, Towson, Md.; B.A. (Capital University); M.S. (Towson State College); *Education*; Dr. John C. Belland

Sandra Korman Auburn, Columbus; B.A., M.A. (University of Akron); *Communications*; Dr. Sheila M. Goff

Leda Maria Benevelo de Castro, Juiz de Fora, Brazil; Diploma of Social Ass. (Faculdade de Serviço Social de Juiz de Fora); Mestrado em Extensão Rural (Vocosa Federal University); *Agricultural Economics and Rural Sociology*; Dr. Frederick H. Buttel

John Bernard Bennett, III, Cambridge; B.S. (Muskogean College); M.A.; *Physical Education*; Dr. Edward L. Fox

Barbra Fridrich Bergman, Columbus; B.S. (Cleveland State University); M.A.; *Psychology*; Dr. Charles Wenar

Robert Gary Berns, Urbana; B.S.Ed. (Bowling Green State University); M.A.; *Education*; Dr. Neal E. Vivian

Alan Joseph Bitonti, Lyndhurst; B.A. (Miami University); *Pharmacology*; Dr. Daniel Court

Jeffrey James Blaga, Cincinnati; B.S.Ed., M.A.; *Education*; Dr. M. Eugene Gilliom

Andrew Roger Bodman, Porlock, England; B.A. (University of Cambridge); M.A.; *Geography*; Dr. George J. Demko

Ronald James Boggs, Pitcairn, Pa.; B.A., M.A. (University of Pittsburgh); *History*; Dr. Marvin R. Zahniser

Allen Ray Bohl, Biloxi, Miss.; B.S.Ed. (Bowling Green State University); M.Ed. (University of Southern Mississippi); *Physical Education*; Dr. Lewis A. Hess

Betsy Etheridge Brown, Columbus; B.S. (Appalachian State Teachers College); M.A.; *English*; Dr. Morris Beja

Timothy Matthew Burns, Columbus; A.B. (John Carroll University); M.A. (Georgetown University); *Education*; Dr. Alexander Frazier

Joseph Alan Butler, Columbus; B.S.Ed. (Miami University); M.S.; *Zoology*; Dr. Sheldon I. Lustick

James Allen Campbell, Fayetteville, Ark.; B.A. (University of Texas at Austin); M.S. (University of Arkansas); *Home Economics*; Dr. Jean D. Dickerscheid

Janis Graham Campbell, Garfield Heights; B.S.Nurs., M.S.; *Education*; Dr. Robert R. Bargar

George Haworth Carroll, Urbana; B.A. (Wilmington College); M.A.; *Education*; Dr. Robert E. Jewett

Robert Wood Carter, Columbus; B.A. (Waynesburg College); M.A.; *Education*; Dr. Roy A. Larnee

Allen McGarry Cassell, Hyde Park, N. Y.; B.S. (State University of New York College at Brockport); M.A.; *Physical Education*; Dr. Walter F. Erasing

Timothy Robert Cassidy, McDermott; B.S. (Ohio University); M.S.; *Microbiology*; Dr. Bruno J. Kolodziej

James Vincent Cellini, III, Utica, N. Y.; B.A. (Utica College of Syracuse University); M.A.; *Psychology*; Dr. Donald M. Dell

Larry Joseph Cepek, Columbus; B.S.Ed., M.A.; *Education*; Dr. I. Keith Tyler

Ernest Walter Chamot, Brookfield, Ill.; B.S. (University of Illinois); *Chemistry*; Dr. Leo A. Paquette

Anthony H. K. Chen, San Francisco, Calif.; B.S. (University of California); M.S.; *Food Science and Nutrition*; Dr. Fouf M. T. Hansen

Hung-yuan Cheng, Taipei, Taiwan, R.O.C.; B.S. (National Tsing Hua University); *Chemistry*; Dr. Richard L. McCreery

Jei-Cheng Cheng, Su-do, Taiwan, R.O.C.; B.A. (National Cheng Chi University); M.A.; *Communication*; Dr. Thomas A. McCain, Dr. Victor D. Wall, Jr.

Mu-Lan Hsu Cheng, Eingtung, Taiwan, R.O.C.; B.S. (National Cheng Chi University); *Communication*; Dr. Robert R. Monaghan

Mary Martin Claytor, Columbus; B.S.Ed. (Bluefield State College); M.A.; *Education*; Dr. Donald J. Tosi

David Lee Clinefelter, Columbus; B.A. (Graceland College); M.A.; *Education*; Dr. Jack R. Frymier

William Thomas Cochran, Hustonville, Ky.; B.A. (Berea College); M.S.; *Physics*; Dr. James R. Gaines

Arnold Sidney Cohen, Columbus; B.A. (Dickinson College); M.A.; *Classics*; Dr. Jane M. Snyder

Georgia Chamberlin Collins, Lexington, Ky.; B.A.Ed., M.S.Ed. (University of Kentucky); *Art Education*; Dr. Robert L. Arnold

Robert Joseph Collins, Columbus; B.A. (Xavier University); M.A.; *English*; Dr. John M. Muste

Ward James Collis, Northfield; B.S.E.E., M.S. (Northwestern University); *Electrical Engineering*; Dr. Arthur E. Middleton

Stephen Jay Corwin, Columbus; B.S.Bus. Adm., M.A.; *Education*; Dr. Herman J. Peters

Anne Marie Crimmings, Bronxville, N. Y.; B.A. (Le Moyne College); M.A.; *Psychology*; Dr. Donald M. Dell

Trisha Curran, Columbus; B.A. (Notre Dame College of Staten Island); M.A. (New York University); *Education*; Dr. Donald R. Bateman

Edward Warner Davis, Tempe, Ariz.; A.B. (University of Michigan); M.S.W. (Loyola University); *Social Work*; Dr. Milton S. Rosner

Donna Berner Deane, Springfield; B.S.Nurs., M.S.; *Education*; Dr. Luvern L. Cunningham

Nancy De Luca, Howard Beach, N. Y.; B.A. (Queens College); M.S.; *Chemistry*; Dr. Andrew Wojcicki

John William Dickens, Blacksburg, Va.; B.S., M.S.E.D. (Virginia Polytechnic Institute); *Agricultural Education*; Dr. J. Robert Warmbrod

James Vincent DiGiambattista, Trafford, Pa.; B.S. (Saint Vincent College); M.A.; *Education*; Dr. John C. Belland

Delia Mary Dowling, Baltimore, Md.; A.B. (College of Notre Dame of Maryland); M.S.; *Education*; Dr. F. Joe Crosswhite

John Carah Dunn, Jr., Columbus; B.A. (Otterbein College); M.A.; *Education*; Dr. Robert R. Bargar

Robert Theodore Eckert, Pennellville, N. Y.; B.S., M.S. (State University of New York College of Forestry at Syracuse); *Botany*; Dr. Carroll A. Swanson, Dr. Gordon E. Gatherrum

Robert John Edgar, Frewville, Australia; B.S. (University of Adelaide); M.A.; *Economics*; Dr. William G. Dewald

Ernest Paul Ekelman, Jr., Columbus; B.S.E.E. (Ohio University); M.S.; *Electrical Engineering*; Dr. Gary A. Thiele

Shoji Ekuwan, Tokyo, Japan; B. Sociology, M.Soc.Sci. (Hitotsubashi University); *Sociology*; Dr. Christen T. Jonassen

William Carson Ellis, Roanoke, Va.; B.A. (University of Virginia); M.A.; *English*; Dr. Daniel R. Barnes

Sandra Jill Emig, Liberty, Mo.; B.Mus., M.A.; *Music*; Dr. William Poland

Margaret Louise Engelbach, Hopewell, Va.; B.S., M.S. (Montana State University); *Home Economics*; Dr. Mary Lepitsky

Alan Escovitz, Cleveland Heights; B.S. (Ohio University); M.A.; *Education*; Dr. William D. Dowling

Chris Wayne Eskridge, Provo, Ut.; B.S. (Brigham Young University); M.A.; *Public Administration*; Dr. Harry E. Allen

- Najaria Hurst Esty, Bozeman, Mont.; A.B. (Oberlin College); M.A. (University of Montana); *Romance Languages and Literatures*; Dr. Hans E. Keller
- Alan Jeffrey Fenn, Chicago, Ill.; B.S. (University of Illinois at Chicago Circle); M.S.; *Electrical Engineering*; Dr. Gary A. Thiele
- Guadalupe Ferran, Brooklyn, N. Y.; B.A. (Hunter College); M.A.; *Education*; Dr. Aaron J. Miller
- Ronald Charles Fetzer, Middleton; A.B. (Heidelberg College); M.A. (Kent State University); *Education*; Dr. George L. Lewis
- Quentine Dingle Finch, Durham, N. C.; B.S. (North Carolina College at Durham); M.Ed. (University of North Carolina); *Education*; Dr. Vance W. Cotter
- David James Ford, Columbus; B.S. (Massachusetts Institute of Technology); M.S.; *Mathematics*; Dr. Hans Zassenhaus
- Patricia Ann Franklin, Montgomery, Ala.; B.S. (Alabama A & M University); M.A.Ed. (Tennessee State University); *Education*; Dr. Mildred Hillestad
- Mark Stewart Freedman, Durham, N. C.; A.B. (Bard College); M.A. (University of North Carolina); *Physical Education*; Dr. Daryl Siedentop
- Janet Ann Gill, Campbell; B.A. (Hiram College); M.Ed. (Bowling Green State University); *Education*; Dr. Donald J. Tosi
- Jeffrey Bruce Gold, Beachwood; B.A. (University of Wisconsin); M.A.; *Philosophy*; Dr. Robert G. Turnbull
- Bonnie Zucker Goldsmith, Mayfield Heights; B.A. (Miami University); M.A.; *English*; Dr. Morris Beja
- Teresa Joanne Gonya, Lebanon, Pa.; B.S. (Pennsylvania State University); M.S.; *Physiology*; Dr. Bradford T. Stokes
- E. L. Goodman, Columbus; B.A. (University of Bridgeport); M.A.; *History of Art*; Dr. Francis L. Richardson
- Earnestine Green, Swainsboro, Ga.; B.S. (Fort Valley State College); M.A.; *Communication*; Dr. Goodwin F. Berquist
- Mary Noecker Guadagno, Buffalo, N. Y.; B.A. (State University of New York College at Buffalo); M.S.; *Home Economics*; Dr. Francille M. Firebaugh
- Larry Lee Gulick, Columbus; B.S., M.Ed. (Ohio University); *Education*; Dr. Anthony C. Riccio
- Ephraim Tobela Gwebu, Bulawayo, Rhodesia; B.S.Ed. (Njala University); *Physiological Chemistry*; Dr. Rao V. Panganamala
- Richard Darrell Hansen, Portsmouth; B.S.Ed., M.S.T. (Cornell University); *Education*; Dr. Bernard J. Mehl
- Gary Robert Harris, Barberton; B.A. (University of Akron); M.A.; *German*; Dr. Hugo Bekker
- Catherine Mary Hartnett, Albany, Ga.; B.S. (Ohio Dominican College); *Sociology*; Dr. Simon Dinitz
- Thomas Edward Harvey, Albuquerque, N. M.; B.A., M.A. (Brigham Young University); *Education*; Dr. Edward D. Allen
- Patricia Ann Hebda, Detroit, Mich.; B.S. (Michigan State University); *Biochemistry*; Dr. George A. Barber
- Thomas John Hemmert, Appleton, Wis.; B.S.Ed., M.Ed. (Ohio University); *Physical Education*; Dr. Walter F. Erving
- Rosemary Tysko Hornak, Martins Ferry; B.A. (Wheeling College); M.A.; *Psychology*; Dr. Delos D. Wickens
- John Howard, Jr., Columbus; B.S. (University of Cincinnati); M.A.; *Education*; Dr. James K. Duncan
- Robert Lee Howard, Wilberforce; B.A. (Williams College); M.B.A. (University of Chicago); *Business Administration*; Dr. Wilbur A. Rapp
- Charlotte Ann Huddle, Columbus; B.S. (Olivet Nazarene College); M.A.; *Education*; Dr. Donald J. Tosi
- Nicholas Kenneth Iammarino, Columbus; B.S.Ed. (University of Dayton); M.Ed. (University of Toledo); *Health Education* (Physical Education); Dr. Philip Heid
- Phyllis Jean Johnson, Oketo, Kan.; B.S., M.S. (Kansas State University); *Home Economics*; Dr. Francille M. Firebaugh
- John Malcolm Johnston, Knoxville, Tenn.; B.S. (University of Texas); M.S.Ed. (University of Tennessee); *Education*; Dr. Kevin Ryan
- Barry Travis Jones, Lamesa, Calif.; A.B. (San Diego State College); M.A.; *Psychology*; Dr. John E. Horrocks
- Alpha Yayah Kaikai, Baltimore, Md.; B.A. (Morgan State College); M.A.; *Political Science*; Dr. Chadwick F. Alger
- Sulaiman Kamil, Bogor, Indonesia; Sardjana IR (Bandung Institute of Technology); M.S.; *Mechanical Engineering*; Dr. Truman G. Foster, Dr. Walter L. Starkey
- Cheng Shu Kao, Taipei, Taiwan, R.O.C.; B.A. (Tunghai University); M.A.; *Sociology*; Dr. Laurel R. Walum
- Suzanne Wigert Karam, St. Louis, Mo.; M.A.; *Sociology*; Dr. Christen T. Jonassen
- Kathleen Agnes Kelly, Columbus; B.A. (Saint Mary's College); M.A.; *English*; Dr. Edwin W. Robbins
- Richard Donald Kilker, Jr., Freeport, Ill.; A.B. (Augusta College); *Biochemistry*; Dr. George S. Serif
- William Searle Kloetzer, Warsaw, Wood, Mo.; B.A. (Millikin University); M.S. (Saint Louis University); *Anatomy*; Dr. Ronald L. St. Pierre
- Joo Ok Koo, Yungnam, Korea; B.S. (Seoul National University); M. Public H. (Yonsei University); M.S. (Ohio University); *Statistics*; Dr. Paul I. Feder
- Donald Robert Klrhn, Seymour, Wis.; B.A. (Saint Olaf College); M.S.; *Physics*; Dr. Philip E. Wigen
- Ronald C. Kramer, Tiffin; B.Ed. (University of Toledo); M.S.; *Sociology*; Dr. Joseph E. Scott
- Dennis Krausman, Dayton; B.E.E. (Villanova University); M.S.; *Electrical Engineering*; Dr. Robert E. Lackey
- Naomi Susan Leventhal, Columbus; B.S. (State University of New York College at Albany); M.A.; *English*; Dr. Patrick B. Mullen
- Benjamin Lloyd Lichten, Cincinnati; B.A. (University of Cincinnati); M.S.; *Mathematics*; Dr. Yung-Chen Lu
- Jack Norman Liles, Coloma, Mich.; B.M. (Western Michigan University); M.A.; *Music*; Dr. A. Peter Costanza
- Charlet Ruth Cole Lindley, Stanwood, Wash.; A.B. (Whitman College); *Chemistry*; Dr. Jack G. Calvert
- John Hunter Lingle, Cincinnati; A.B. (Davidson College); *Psychology*; Dr. Thomas M. Ostrom
- Philip David Lipetz, Columbus; B.A. (Antioch College); M.S.; *Biophysics*; Dr. Karl Kornacker
- Linda Jean Lombardino, Morristown, N. J.; B.S.Ed., M.A.Ed. (Seton Hall University); *Communication*; Dr. James D. MacDonald
- Joseph Colman Loon, Kiryat Tivon, Israel; B.S., M.S. (University of Cape Town); M.S.; *Geodetic Science*; Dr. Urho A. Uotila
- Nancy Lynn Lust, Columbus; B.S., M.A. (University of Illinois); *Education*; Dr. Anthony C. Riccio
- Karen Sue Lyness, Columbus; B.A. (Miami University); M.A.; *Physiology*; Dr. Milton D. Hakel
- Gerald Martin Mager, Bedford Heights; A.B., M.A. (John Carroll University); *Education*; Dr. Charles M. Galloway
- Edward Dennis Makruski, Columbus; B.A., M.A.; *Education*; Dr. Richard N. Pratte
- Hsiang-Kuen Mao, Taipei, Taiwan, R.O.C.; B.Sc. (Tanghai University); M.S. (West Texas State University); *Chemistry*; Dr. Daniel L. Leussing
- Michael Wen-Hsiung Mao, Springfield; B.S. (National Taiwan Normal University); M.S.; *Microbiology*; Dr. Samuel Rosen
- Mary Kathleen Marvel, Columbus; A.B. (Indiana University); M.A.; *Political Science*; Dr. Randall B. Ripley
- Rodolfo del Mundo Matienzo, Santo Domingo, Philippines; B.S.Ag. (University of the Philippines); M.Sc. (University of Oregon); *Agricultural Economics and Rural Sociology*; Dr. Dale W. Adams
- David Lee Matson, Cedarville; A.B. (Cedarville College); M.A.; *Music*; Dr. A. Peter Costanza
- Michael Ray McCormick, Marion, Ill.; B.A., M.A. (Southern Illinois University); *History*; Dr. K. Austin Kerr
- Risse Layne McDuffee, Bellefontaine; B.S.H.Ec. (Berea College); M.S.Ed. (University of Kentucky); *Home Economics*; Dr. Julia I. Dalrymple
- Garth Shermin McHattie, Conneaut; B.S.Ed. (Youngstown State University); M.S.Ed. (Slippery Rock State College); *Physical Education*; Dr. Charles L. Mand
- Sandra McMillan, Birmingham, Ala.; B.S., M.Ed. (University of Montevallo); *Physical Education*; Dr. Daryl Siedentop
- Abdul Jalil Mian, East Pakistan, Pakistan; B.A., M.A. (University of Dacca); M.S.; *Agricultural Economics and Rural Sociology*; Dr. M. Eugene Cravens
- William Robert Midden, East Alton, Ill.; B.A. (Saint John's University); *Biochemistry*; Dr. Edward J. Behrman
- David Eugene Millhorn, Chattanooga, Tenn.; B.S. (University of Chattanooga); M.A.T. (Emory University); M.S.; *Physiology*; Dr. Joseph A. Lipsky

- Glenn Wesley Milligan, Huntington Beach, Calif.; B.A. (University of Southern California); M.A. (California State University—Long Beach); *Psychology*; *Dr. Paul D. Isaac*
- Mohamed Hago Mohamed, Barkat, Sudan; B.Sc. (University of Khartoum); M.S.; *Agricultural Education*; *Dr. William L. Hull*
- Seif El-Din Fageer Mohamed, Columbus; B.S. (University of Khartoum); M.S.; *Horticulture*; *Dr. Evan K. Alban*
- Robert Lee Moore, Zanesville; B.A.A.E., M.Sc.; *Aeronautical and Astronautical Engineering*; *Dr. Buford E. Gatewood*
- Sylvia Fubini Moore, Columbus; A.B. (Smith College); M.P.H. (University of Michigan); M.A.; *Economics*; *Dr. Herbert S. Parnes*
- Raymond Herold Morton, Pleasanton, Calif.; B.S., M.Ed. (University of California at Davis); *Agricultural Education*; *Dr. J. David McCracken*
- Gerald Patrick Mulderig, Kingston, Pa.; B.A. (University of Scranton); M.A.; *English*; *Dr. Richard D. Altick*
- John Willard Munford, Bedford, N. H.; B.A. (University of New Hampshire); M.S.; *Zoology*; *Dr. Lewis Greenwald*
- Katherine Kincaid Newman, Chicago, Ill.; B.A. (Carleton College); M.A. (University of Chicago); *Education*; *Dr. Kevin Ryan*
- Samuel Afolorusunho Olawuyi, Ilorin, Nigeria; B.A., Post Graduate Art Teacher's Certificate (Ahmadu Bello University); M.A. (Ohio University); *Art Education*; *Dr. Arthur D. Eftand*
- Joseph Philip Omaggio, Philadelphia, Pa.; B.S. (Pennsylvania State University); M.S.; *Physics*; *Dr. Philip E. Wigen*
- John Edward Orban, Cleveland; B.S. (University of Dayton); M.S.; *Statistics*; *Dr. Douglas A. Wolfe*
- Stephen Orise Oru, Columbus; B.A. (Ahmadu Bello University); *Art Education*; *Dr. Arthur D. Eftand*
- Rheba W. Otey, Columbus; B.A. (Wilberforce University); M.A.; *Education*; *Dr. Frank J. Zidonis*
- James Carl Papritan, II, Lancaster; B.S.Agr., M.S.; *Agricultural Education*; *Dr. Ralph E. Bender*
- Timothy James Perri, Winchester, Ky.; B.S. (University of Kentucky); M.A.; *Economics*; *Dr. Donald O. Parsons*
- Anne Allyn Roshier Peterson, Columbus; B.A., M.A. (University of Chicago); *Education*; *Dr. M. Eugene Gilliom*
- Cecilia Anne Pinkerton, Columbus; B.A. (Ohio University); M.A.; *Psychology*; *Dr. Henry Leland*
- Louise Bourbeau Poirier, Columbus; B.A., Diplome, Brevet Specialise (Universite Laval); *Art Education*; *Dr. Kenneth Marantz*
- Roger Wallace Polkinghorne, Adelaide, Australia; B.Ag.Sc., M.Ag.Sc. (University of Adelaide); *Poultry Science*; *Dr. Walter R. Harvey*
- Randy Beth Pollack, Bronx, N. Y.; B.S. (State University of New York College at Stony Brook); M.A.; *Anthropology*; *Dr. Frank E. Poirier*
- Lorri Patton Porcello, Cleveland Heights; B.S. (Purdue University); M.S.; *Home Economics*; *Dr. Virginia M. Vivian*
- Charles Lee Price, Lerna, Ill.; B.S.Ed., M.S.Ed. (Eastern Illinois University); *Education*; *Dr. Roger T. Cunningham*
- John Thomas Puglisi, Arlington, Va.; B.A. (Catholic University of America); M.A.; *Psychology*; *Dr. Dorothy W. Jackson*, *Dr. Henry R. Angelino*
- Mark Stanley Rea, Avon Lake; B.A., M.A.; *Btophysics*; *Dr. Carl R. Ingling, Jr.*
- Regina Tuskan Rinderer, Adah, Pa.; A.B. (University of Pittsburgh); M.A.; *Education*; *Dr. Donald R. Bateman*
- Mary Beth Higan Robinson, Columbus; B.A. (University of California); M.A. (Stanford University); *Education*; *Dr. Donald P. Sanders*
- Robert James Rodosky, Munhall, Pa.; B.S.Ed., M.A.; *Education*; *Dr. Desmond L. Cook*
- Jan Carl Roshong, Ashland; B.S.Ed., M.A.; *Music*; *Dr. A. Peter Costanza*
- Mark Gunder Ross, Birmingham, Mich.; B.A. (Michigan State University); M.A.; *Communication*; *Dr. Thomas A. McCain*
- John Kenneth Rowland, Columbus; A.B. (George Washington University); M.A. (College of William and Mary); *History*; *Dr. Bradley Chapin*
- Rakesh Kumar Rustagi, Rajasthan, India; B.Sc., M.Sc. (University of Delhi); M.S.; *Statistics*; *Dr. D. Ransom Whitney*, *Dr. Keith E. Eberhardt*
- Jeffrey Lee Salisbury, Nicholson, Pa.; B.S. (Indiana State University); M.S. (Rutgers University); *Botany*; *Dr. Gary L. Floyd*
- Thomas Francis Scanlon, Pittsburgh, Pa.; B.A. (Duquesne University); M.A.; *Classics*; *Dr. Robert J. Lenardon*
- Genevieve Burkholder Schroeder, Columbus; B.S., M.S.; *Home Economics*; *Dr. Julia I. Dalrymple*
- Guy Michael Sconzo, Staten Island, N. Y.; B.A. (Wagner College); M.A. (New York University); *Education*; *Dr. Walter G. Hack*
- William Jesse Seay, Pendleton, S. C.; B.A., M.Ed. (Clemson University); *Physical Education*; *Dr. Donald D. Harper*
- Paul Rowe Sensbach, Lakewood; B.F.A. (Miami University); M.S. (Indiana University); *Home Economics*; *Dr. Claribel M. Taylor*
- Stephen Darryl Shaffer, New Orleans, La.; B.A. (Louisiana State University); M.A.; *Political Science*; *Dr. John H. Kessel*
- Mandana Shoae, Tehran, Iran; B.A., M.A. (American University of Beirut); *Psychology*; *Dr. Henry Leland*
- Claudia Ellen Siebel, Woodside, N. Y.; B.A. (New York University); M.A.; *Psychology*; *Dr. W. Bruce Walsh*
- Susan Mary Smith, Waterloo, Ia.; B.A. (Clarke College); M.A. (University of Northern Iowa); *Education*; *Dr. Bernard J. Mehl*
- James Donald Sorg, Oak Harbor; B.A. (Bowling Green State University); *Public Administration*; *Dr. Clinton V. Oster*
- Donald Francis Staffo, Liverpool, N. Y.; B.S. (State University of New York College at Brockport); M.A. (Western Kentucky University); *Physical Education*; *Dr. Lewis A. Hess*
- Christine Taylor Stephens, Rochester, N. Y.; A.B. (Smith College); M.S.; *Plant Pathology*; *Dr. A. F. Schmittner*, *Dr. Leonard J. Herr*
- Richard Lawrence Stoffer, Wooster; B.S. (Ashland College); M.S.; *Zoology*; *Dr. Barry D. Valentine*
- Abdelfattah Abdalla Taha, Kermaelnozle, Sudan; B.Sc. (University of Khartoum); M.S.; *Horticulture*; *Dr. Dale W. Kretchman*
- James Michael Tarlano, Columbus; B.S., M.A. (Wright State University); *Psychology*; *Dr. Richard K. Russell*
- Lynda George Treat, Wooster; B.S., M.S.; *Genetics*; *Dr. C. William Birky, Jr.*
- Geraldine Kloos Van Horn, Stony Brook, N. Y.; B.A. (Carnegie-Mellon University); M.A.; *English*; *Dr. Morris Beja*
- Mary Jo Staggendorf Vesper, Covington, Ky.; A.B. (Thomas More College); M.S.; *Environmental Biology*; *Dr. Michael L. Evans*
- Gennaro Francis Vito, Columbus; B.A. (State University of New York College at Cortland); M.A., M.A.; *Public Administration*; *Dr. Harry E. Allen*
- Renate Langwald Voris, Columbus; B.A., M.A.; *German*; *Dr. Rainer Nagele*
- Chih-Lueh Albert Wang, Shinchuang, Taiwan, R.O.C.; B.S. (National Taiwan University); *Chemistry*; *Dr. Michael H. Klapper*
- Jin-tuu Wang, Columbus; B.S. (National Taiwan University); M.S. (University of Hawaii); *Computer and Information Science*; *Dr. Ming T. Liu*
- Eugene Blaine Wenger, Columbus; B.S.Ed., M.A.; *Education*; *Dr. Lorren L. Stull*
- Mark Daniel Westbrook, Grove City; B.S.Ch.E., M.S., M.A.; *Economics*; *Dr. George F. Rhodes, Jr.*
- Amos James White, Columbus; B.M.Ed. (Capital University); M.Ed. (Xavier University); *Education*; *Dr. Paul R. Klover*
- Udo Moses Williams, Calabar, Nigeria; B.A. (Paine College); M.A.; *Political Science*; *Dr. Chadwick F. Alger*
- Wyman Wilson, Racine, Wis.; B.S., M.S. (Stout State University); *Education*; *Dr. Philip A. Tripp*
- Robert Michael Wolf, Columbus; B.S.B.A. (University of Akron); M.B.A., M.A.; *Physical Education*; *Dr. Charles L. Mand*
- Barry Lee Workman, Columbus; B.S., M.S.; *Animal Science*; *Dr. Alvin L. Mozon*
- Kathy Patz Zamostny, Maple Heights; B.A. (Kent State University); M.S.; *Psychology*; *Dr. Lyle D. Schmidt*
- Thomas James Zamostny, Maple Heights; B.A. (Kent State University); M.A.; *Political Science*; *Dr. Philip D. Stewart*
- Richard Eugene Zeller, Fairview Park; B.S., B.A. (Pennsylvania State University); M.A.; *Geography*; *Dr. Lawrence A. Brown*

Master of Accounting

Four candidates

David A. Kraszewski, Cuyahoga Falls;
B.S.A., M.S.A. (University of Akron);
Accounting

Robert Henry Stoltenberg, Toledo;
B.A. (University of Michigan);
Accounting

Karl Bruce Tauche, Jr., Columbus;
B.A. (Thiel College); *Accounting*

Yajean Wang, Taipei, R.O.C.;
B.A. (Capital University); *Accounting*

Master of Applied Statistics

Five candidates

Hsiao-Hua Chang, Taiwan, R.O.C.;
B.S. (National Cheng-Kung University);
Statistics

Richard Ray Conkling, Columbus;
A.B. (Miami University); *Statistics*

Ross C. Fonticella, Columbus;
B.S.; *Statistics*

Richard Nelson, Cleveland;
B.S. (Kent State University); M.S.;
Statistics

Ann Lynn Pinsley, Columbus;
B.S. (University of Vermont); *Statistics*

Master of Architecture

Six candidates

Steven F. Dallman, Minneapolis, Minn.;
B.A. (Mankato State College); B.S.Arch.;
Architecture

Arthur Alfred Hupp, III, Cincinnati;
B.S.Arch.; *Architecture*

Robert K. Larrimer, Columbus;
B.Arch.; *Architecture*

Ronald Jay Leach, Springfield;
B.S.Arch.; *Architecture*

Thomas Huan-Kuo Liu, Taiwan, R.O.C.;
E.E. (College of Chinese Culture);
Architecture

Walter K. Wiseman, Columbus;
B.S.Arch.; *Architecture*

Master of Arts

Four hundred and fifty-one candidates

Marsha L. Abbott, Columbus;
B.S. (Ohio University); *Education*

Jana Renee Adams, Dayton;
B.A. (College of Wooster); *Education*

Janelle Adler, Columbus;
B.A. (Augusta College); *Education*

Karin Elaine Alexander, Groveport;
B.A. (Livingstone College); *Education*

Craig Gibson Allen, Austin, Tex.;
B.S. (Florida State University);
Physical Education

Judith McDonald Allers, Westerville;
B.S.Ed.; *Education*

Cheryl D. Amberg, Columbus;
B.A.; *Communication*

Shirley Virginia Ambush, Columbus;
B.A. (Fisk University); *Education*

Shahla Ameri, Tehran, Iran;
B.A. (College of Mass. Communications);
Public Administration

Aquanetta Jean Anderson,
Bluefield, W. Va.; B.S. (Bluefield State
College); *Education*

Charlene A. Anderson, Columbus, S. C.;
B.A. (Clark College); *Education*

Steven C. Anderson, Arlington, Ore.;
B.A. (Willamette University); *Education*

Donald Lynn Arnold, Columbus;
B.S.Ed.; *Education*

Manné Eckstein Aronovsky, Columbus;
B.A. (Ohio Dominican College); *Education*

Carole Art, Ashland, Ky.;
B.A. (Ursinus College); *German*

Jean Higgins Aumuller, Worthington;
B.A. (D'Youville College); *Education*

Debra A. Bailey, South Point;
B.A. (Marshall University); *Education*

Gregory Howard Bailie, Steubenville;
B.S.Ed. (Ashland College); *Education*

Richard Mark Baker, Columbus;
B.S.Ed.; *Education*

Charles Terence Balko, Columbus;
B.S.Ed. (California State College);
Education

Lloyd Paul Ball, Columbus;
B.S. (Wittenberg University); *Education*

Stephan Joseph Ballmann, Reynoldsburg;
B.S.Ed.; *Physical Education*

Ernestine Bandy, Cleveland;
B.A. (Wittenberg University); *Journalism*

Daniel W. Barber, Ronco, Pa.;
B.S. (Pennsylvania State University);
Education

Kathy Jean Bargar, Delaware;
B.A. (Ohio Wesleyan University);
Education

Kathy Talbott Barker, Cadiz;
B.S.Ed.; *Education*

Lenna Gayle Barney, Wheeling, W. Va.;
B.S. (Wheeling College); *Communication*

Robert Edward Bartha, Columbus;
B.A.; *Education*

Susan Williams Bauer, Columbus;
B.A. (Ohio Wesleyan University);
Education

Patricia MacDonald Baum, Columbus;
B.S.Nurs.; *Health Education (Physical
Education)*

Patricia Whitman Beder, Columbus;
B.A. (Miami University); *Education*

Kathryn A. Beitler, Sycamore;
B.S.Ed.; *Health Education (Journalism)*

Margaret Jeanne Atterholt Bell,
Jeromesville; B.S.Ed. (Ashland College);
Education

Pamala Alice Painter Bell, Holmesville;
B.S.Ed. (Ashland College); *Education*

Gayle Margo Benbow, Ruffin, S. C.;
B.A. (Benedict College); *Education*

Joann Heinz Bender, Columbus;
B.A. (University of California at
Berkeley); *Education*

William T. Benham, Springfield;
B.A.; *Journalism*

Claire Marie Bergen, New York, N. Y.;
B.A. (State University of New York
College at Brockport); *Journalism*

Howard Ephraim Berger,
Minneapolis, Minn.; B.A.; *History*

Sharon Oliver Foster Bevier,
Plymouth, Mich.; B.M. (University of
Michigan); *Music*

Chad Alan Biegler, New Concord;
B.A. (Muskingum College); *History*

Jenny Bitounis, Cleveland;
B.A. (Cleveland State University);
Education

Janet Phyrn Black, Parma;
B.S.Ed.; M.S. (Miami University);
History of Art

Sylvia Smith Blackburn, Columbus;
B.S.; *Education*

Bruce Alan Blackston, Delaware;
B.S.Ed.; *Education*

Janet P. Blake, Columbus;
B.S.H.E. (Ohio University); *Education*

Patricia JoAnn Blake, Columbus;
B.S.Ed.; *Education*

Debra Lynn Blow, Portsmouth, Va.;
B.S. (Virginia State College); *Music*

James David Bock, Combridge;
B.M.Ed.; *Music*

Bonnie Marie Bodnar, Canton;
B.A.; *Communication*

Amy Johannah Bonnell, Worthington;
B.S.Ed. (Miami University);
Communication

Martha Morgan Borchers, Columbus;
B.A. (Denison University); *Education*

Kathleen Hoffman Brewer, Columbus;
B.S.Ed.; *Education*

Ronald Leo Brewer, Columbus;
B.A. Ed. (Capital University); *Education*

Charles Joseph Brinda, Columbus;
B.B.A. (Ohio University); *Education*

Sheila La Vern Brown, Portsmouth;
E.A.; *Education*

Murray John Bryant,
Auckland, New Zealand; B.Comm.
(University of Canterbury); *Accounting*

Susan Bunn Bulkeley, Grover Hill;
B.S.Ed.; *Education*

Edith M. Bullard, Huntington, Md.;
B.A. (Hampton Institute); *Journalism*

Gail Smith Burke, Alexandria, Va.;
B.A.; *English*

Myra Busch-Goetz, Tiffin;
B.A.; *Communication*

Barbara Satterfield Cain, Powell;
B.S., B.A.; *Education*

David Robert Caldwell, Columbus;
B.A. (University of Texas); *German*

Judith Pettit Caldwell, Marion;
B.S.Ed.; *Education*

Thomas Richard Call, Mt. Pleasant;
B.S. (Bowling Green State University);
Education

Stefania Canali, Florence, Italy;
Laurea (University of Florence); *History*

- Richard Lee Caner, Columbus;
B.S.Ed.; *Education*
- Cathy Elaine Canter, Granville;
B.S.Ed.; *Education*
- Charles R. Carothers, Racine, Wis.;
B.P.E. (Purdue University); M.S.
M.S.Ed Admin. (University of Wisconsin
at Madison); *Public Administration*
- Mark A. Carter, Columbus;
B.S.Ed.; *Education*
- Johannah Casey, Mt. Vernon;
B.S.Ed.; *Physical Education*
- Gerald Gene Casper, Harrod;
B.S.Ed.; *Education*
- Kevin R. Catalano, St. Louis, Mo.;
B.Jour. (University of Missouri);
Journalism
- Nancy C. Cavill, Toronto, Ont., Canada;
B.A. (Hillsdale College); *Education*
- Karol Ann Cerimeli, Syracuse, N. Y.;
B.A. (State University of New York at
Oswego); *Communication*
- Dianna Marie Chambers, Columbus;
B.S.Ed. (Central State University);
Education
- Donald Heng Chang, Columbus;
B.A. (National Taiwan University);
M.A. (University of Nebraska); M.A.,
Ph.D.; *Business Administration*
- Judith E. Chapman, Gahanna;
B.S.; *Education*
- Susan Pulsinelli Chmielewski, Columbus;
B.S.Ed.; *Education*
- Gary Robert Clark, Elyria;
B.A.; *Journalism*
- Harriette Johns Clark, Hampton, Va.;
B.S.Ed. (Virginia State College);
Education
- Diane Marie Cleary, Pittsfield, Mass.;
B.S. (Bridgewater State College);
Physical Education
- Linda Ann Coakley, Morristown, N. J.;
B.S. (Virginia Union University);
Education
- William Eugene Colburn, Columbus;
B.S. Ed.; *Education*
- Patricia Ann Collins, Columbus;
B.S. (Rio Grande College); *Education*
- Ralph Jeffrey Collins, Westerville;
B.S.Ed.; *Education*
- Cheryl Beth Conklin, Plain City;
B.S.Ed. (Otterbein College); *Education*
- Edward J. Conzola, II, Endwell, N. Y.;
B.S. (Colgate University); *Journalism*
- Karen Yvonne Cooper, Columbus;
B.S.; *Physical Education*
- Patricia Patton Cooper, Salem;
B.S.Ed.; *Education*
- Susan Helene Cossman, Columbus;
B.S.Ed.; *Education*
- Mary A. Cotter, Columbus;
B.S.Ed. (Ohio Dominican College);
Education
- Anita Sheumaker Cox, Columbus;
B.S.Ed.; *Education*
- Joyce Lynn Craig, Cincinnati;
B.S.Ed. (University of Cincinnati);
Education
- Paul J. Cramer, Columbus;
B.F.A. (Rhode Island School of Design);
Photography and Cinema
- Michael A. Criblez, LaFayette;
B.S.Agr.; *Education*
- Mary E. Cropps, Mt. Airy, N. C.;
B.S. (North Carolina A & T University);
Journalism
- Novella Pamela Cross, Savannah, Ga.;
B.A. (Clark College); *Journalism*
- Michael Dalrymple, Delaware;
B.S. (Miami University); *Education*
- Barbara LaVerne Davis, Jamesville, N. C.;
B.A. (Saint Augustine's College);
Black Studies
- Bonnie S. Davis, Reynoldsburg;
B.S.Ed. (Ohio University); *Education*
- Marion Miskinis Davis, Columbus;
B.S. (Capital University); *Education*
- James William Dawson, Columbus;
B.S.Ed.; *Physical Education*
- Vera L. Demeter, Columbus;
B.S.Ed.; *Education*
- Ramona Darlene Derricotte, Defiance;
B.A. (Defiance College); *Education*
- Robert Anthony DiBiasio, Lakewood;
B.A. (Ohio Wesleyan University);
Journalism
- Pamela Anne Dickenson, Newark;
B.A.; B.F.A. (Stephens College);
Education
- Peggy Patricia Dillard, Eden, N. C.;
B.A. (Saint Augustine's College);
Education
- Theresa Lee Dobbins, Charleston, W. Va.;
B.A. (Muskingum College); *Education*
- Christine Behler Doherty, Lancaster;
B.S.Ed. (Bowling Green State University);
Education
- Susan Holzhauser Dolan, Delaware;
B.S.Ed.; *Education*
- Daniel Leo Donovan, Columbus;
A.B. (Xavier College); *Education*
- Karen Rosseter Douglas, Columbus;
B.S.; *Education*
- Carol J. Duesing, Columbus;
B.A. (University of Cincinnati); M.S.W.;
Public Administration
- Myra Wright Dull, Columbus;
B.S.Ed.; *Education*
- Charlotte Elaine Durden, Redan, Ga.;
B.S. (Fort Valley State College); *Education*
- Joan Bye Eggspuehler, Columbus;
B.A. (Rockford College); *Education*
- Kathie Anne Ehrlich, Columbus;
B.S.Ed.; *Education*
- Thomas A. Eidson, Ravenna;
B.S. (Kent State University); *Physical
Education*
- Narynema A. ElNashar, Cairo, Egypt;
B.A. (Aine Shamshe University); *Maestra
de Primer Grado (Instituto Normal Ercilia
Guidali de Pisani); Maestra Espices
l'Zada (Instituto Magisterial Superior);
Education*
- David Edward Engel, Kirkersville;
B.S.Ed. (Capital University); *Education*
- Robert James Engelhart, Columbus;
B.Mus. (Capital University); *Music*
- Silvia Laura Epalza, Paysandu, Uruguay;
Education
- Virginia Walters Ernst, Worthington;
B.S. (Indiana University); *Education*
- Joan Marie Esposito, Elyria;
B.S.All'd.Hlth.Prof.; *Health Education
(Physical Education)*
- Eileen R. Ewing, McComb;
B.A. (Bluffton College); *English*
- Donald Lee Falk, Mt. Vernon;
B.S.Ed. (Ohio University); *Education*
- Darlene Funceillo Farrar, Apex, N. C.;
B.A. (Saint Augustine's College);
Public Administration
- Morris Paul Fertig, Columbus;
B.A.; *Journalism*
- Sharon Denise Fields, Columbus;
B.S. (Kent State University); *Education*
- Sylvia Blackwell Finney, Columbus;
B.S.Ed.; *Education*
- William Frederick Finney, III,
Plainfield, N. J.; B.A. (Union College);
Education
- Linda M. Fisher, Kent;
B.A. (Kent State University);
History of Art
- Roberta Ann Fix, Columbus;
B.S. (Bowling Green State University);
Education
- Mary S. Flanagan, Columbus;
A.B. (University of Notre Dame);
Education
- S. Theodore Ford, Jr., Dayton;
B.A.; *History*
- Mark Houston Forman, Columbus;
B.A.Jour.; *Public Administration*
- Betty Toney Foster, Columbus;
B.S.Ed.; *Education*
- Kathryn Sinsabaugh France, Columbus;
B.A. (Oberlin College); *Education*
- Marion Louise Fromuth, Glen Ridge, N. J.;
B.A. (University of Delaware); *Psychology*
- Patricia Jane Frost, Parks, Ark.;
B.A. (Ouachita Baptist University);
M.R.E. (Southwestern Baptist Theological
Seminary); *Education*
- Rose Mary Fry, Delaware;
B.S.Ed. (Ohio Dominican College);
Education
- Kathleen Pausic Green, Reynoldsburg;
B.S.Ed. (Bowling Green State University);
Education
- Janet Marie Galeese, Middletown;
B.S.Ed. (Miami University); *Journalism*
- John E. Garen, Seattle, Wash.;
B.A. (University of Washington);
Economics
- Jean Mautz Garman, Sandusky;
B.A. (Capital University); *Education*
- Brunetta RosSalle Garrard, Camilla, Ga.;
B.A. (Spelman College); *Communication*
- Larry Robert Gartley, Ellwood City, Pa.;
B.S.Ed. (Slippery Rock State College);
Education
- Kathleen Ann Garvey, Wintersville;
B.A.; *Communication*
- Albert Lawrence Gassner, Solon;
B.A.; *Education*
- Teresa Maria Gelonese, Columbus;
B.S.Ed. (Bowling Green State University);
Education
- Michele W. Gillespie, Evanston, Ill.;
B.A. (Capital University); *Education*
- Rodney L. Gillman, Bellefontaine;
A.B. (Trevecca Nazarene College);
Physical Education

- Robin Gofberg, Columbus;
B.A. (Temple University); *Psychology*
- Robert Wilson Golden, Jr., Columbus;
B.S.Ed.; *Education*
- Roger S. Golden, Columbus;
B.S.Ed., M.S.W.; *Public Administration*
- Glen Ray Goldmark, Hyattsville, Md.;
B.S. (University of Maryland); *Psychology*
- Terry Suzanne Goodrick,
West Lafayette, Ind.; B.A. (Earlham
College); *Psychology*
- Jean Yvonne Gordon, Cincinnati;
B.A. (Pisk University); *Education*
- Lecia Margaret Graff, Columbus;
B.S. (Hastings College); *Education*
- David Randolph Gray, Cincinnati;
B.A. (Hanover College); *Education*
- Oscar Jerome Green, Pell City, Ala.;
B.A. (Miles College); *Journalism*
- Anne Duncan Greenbaum,
Mamaroneck, N. Y.; B.A. (Bates College);
Physical Education
- Debra J. Greene-Lowe, Tiffin;
B.Ed. (University of Toledo);
Communication
- Johnneen Wilma Griffin, Wheaton, Ill.;
B.A. (Quincy College); *Education*
- Fredia Carol Grimes, South Bend, Ind.;
B.A. (Kentucky State University);
Journalism
- Dwight C. Groce, II, Columbus;
B.S.Ed.; *Education*
- Robert G. Grooms, Greenfield;
A.B. (Morehead State University);
Physical Education
- Douglas A. Grossman, Westerville;
B.S.Ed.; *Education*
- Marilyn Miller Grossman, Gahanna;
B.S.Ed.; *Education*
- Susan Hoffman Gruber, Columbus;
B.S.; *Education*
- Gail Renee Grunberger, Cleveland;
B.S.Ed.; *Education*
- Donna Stickley Gwozdz, Greensboro, Md.;
A.B. (University of Delaware); M.A.;
Public Administration
- Lawrence T. Gwozdz, Chicopee, Mass.;
A.B. (Westfield State College); M.A.;
Public Administration
- Ruth Haberkorn, Cleveland Heights;
B.A.; *Communication*
- Susan Marie Eckliff Haffner, Mentor;
B.S.Ed. (Ohio University); *Physical
Education*
- Virginia M. Halabis, Newark;
B.A.; *Communication*
- Shirley Ann Hamilton, Columbus;
B.S.Ed.; *Education*
- Timothy Dale Hamilton, Marion;
B.S.Ed.; *Education*
- Frances P. Haney, Akron;
B.S.Ed. (Akron University); *Education*
- Freda M. Hanf, Columbus;
B.S.; *Education*
- Timothy E. Hannum, Westerville;
B.A. (Capital University); *Public
Administration*
- Kathleen Murphy Harber, Columbus;
B.S. (Arizona State University);
Journalism
- Jo Anne Harris, Delaware;
B.S.Ed. (Ohio University); *Education*
- James Michael Hartley, Gahanna;
B.A.; *Journalism*
- Rebecca Howarth Hauelsen, Columbus;
B.S.Ed.; *Education*
- Thomas Paul Hauelsen, Columbus;
B.S.; *Education*
- Georgia Beshara Hauser, Columbus;
B.S.Ed.; *Education*
- Glenda Ruth Haynes, Silver Creek, Miss.;
B.A. (Tougaloo College); *Political Science*
- Ellen Wedvik Hazard, Columbus;
B.S.Ed.; *Education*
- Teresa A. Hazucha, Cleveland;
B.Ed. (Cleveland State University);
Physical Education
- Bonnie K. Heineman, Columbus;
B.S.Ed.; *Education*
- Audrey Lee Heining, Independence;
B.S.Ed.; *Education*
- Beth Marie Henschen, Bowling Green;
B.A. (Ashland College); *Political Science*
- Robert Wendell Herber, Hilliard;
B.S.Ed.; *Education*
- Rita M. Herbst, Marion;
B.A.; *Education*
- MaryJane Gregory Hershey, Columbus;
B.S.All'd.Hith.Prof.; *Education*
- Denise M. Higginbotham, Springfield;
B.S.Ed.; *Education*
- Virginia M. Hill, Columbus;
B.S.Ed.; *Education*
- Bradley John Histed, Crestline;
B.A. (Mount Union College);
Public Administration
- Laura Sue Hoexter, Columbus;
B.S. (Western Michigan University);
Education
- David Alan Hogan, Memphis, Tenn.;
B.A. (Memphis State University);
Journalism
- Victoria Sue Hoover, Worthington;
B.S.Ed.; *Education*
- Robert Burns Howard, Columbus;
B.S.Ed.; *Education*
- William Exline Hoyer, Columbus;
B.S. (Florida Southern College);
Education
- Stephanie A. Hrycyk, Columbus;
B.A. (Youngstown State University);
Health Education (Physical Education)
- Leslie P. Huber, Little Silver, N. J.;
B.S.Ed.; *Education*
- Gregory David Huffman, Newark;
B.S.Ed. (Ohio University); *Education*
- Beverly Heaton Huggins, Skellytown, Tex.;
B.A. (North Texas State University);
Education
- Julia Ann Hughey, Salisbury, Md.;
B.A. (University of Maryland);
Public Administration
- Susan Boggs Hume, Columbus;
B.S.Ed.; *Education*
- Joyce Karen Ilfelder, Dumont, N. J.;
A.B. (Cornell University); *Psychology*
- Alice Viola Jackson, Orlando, Fla.;
B.S. (Albany State College); *Education*
- Garfield A. Jackson, Cleveland;
B.A.; *Black Studies*
- Barbara Jane Jedinak, Upper Sandusky;
B.S.Ed. (Miami University);
Communication
- Rhonda Renita Johnson, Florence, Ala.;
B.S. (Alabama A & M University);
Education
- Constance Sue Jones, Columbus;
B.S.Ed. (Wright State University);
Education
- David Cornett Jones, Columbus;
A.B. (Heidelberg College); *Education*
- Diane Louise Jones, Zanesville;
B.S.Ed. (Ohio University); *Education*
- Michael Jones, Columbus;
B.F.A. (Columbus College of Art and
Design); *Photography and Cinema*
- Yvonne Derotha Joynes, Columbus;
B.S. (Delaware State College); *Education*
- Kenneth Patrick Kaiser, Elyria;
B.S.; *Physical Education*
- Amy Claire Kane, Mansburg;
B.A.; *Education*
- June Stephan Kaplan, Mansfield;
B.S. (University of Minnesota); *Education*
- Yumiko C. Kawabe, Fukuoka City, Japan;
B.A. (Seinan Gakuin University);
East Asian Languages and Literatures
- Margaret Helen Kehoe, Barrington, Ill.;
B.S. (University of Illinois); *Physical
Education*
- Samuel Leo Keifer, Mansfield;
B.A. (Cedarville College); *Education*
- Kathy Fostena Kennedy, Columbus;
B.A. (Capital University); *Education*
- Lynn A. Kensinger, Gahanna;
B.A. (Capital University); *Education*
- Terry Kershaw, New York, N. Y.;
B.A. (State University of New York
College at Cortland); *Black Studies*
- Victoria Louise Kilbury, Dublin;
B.S.Ed.; *Education*
- Francis Norman Kilgour, Cincinnati;
B.A.; *Black Studies*
- Pamela Sue Kindinger, Columbus;
B.S.Ed. (Ohio University); *Education*
- Jeanne Price King, Columbus;
B.S.Ed.; *Education*
- Patti Anne Kirst, Columbus;
B.S. (State University of New York
College at Geneseo); *Political Science*
- Barbara Kay Knaul, Columbus;
B.S.; *Communication*
- Barbara Jane Knull, Arlington, Va.;
B.A. (Ohio Wesleyan University);
Education
- Jill Marie Koehler, Grove City;
B.S. (Capital University); *Communication*
- Parrela Sue Kogan, Columbus;
B.S.Ed. (Miami University); *Education*
- Eileen Kohn, University Heights;
B.S.Ed.; *Health Education (Physical
Education)*

Gary J. Kowaleski, Fremont; B.S.Ed.; *Education*

June Miller Kraus, Granville; A.B. (Denison University); *Education*

Connie Dodson Kristoff, Columbus; B.S.Ed.; *Education*

Dvora L. Krueger, Columbus; B.A. (Queens College); *Art Education*

Jeffrey L. Kuntz, Columbus; B.S.Ed.; *Education*

Nirmala Parthasarathy Lakshman, Cambridge; B.A. (University of Madras, India); *English*

Mary Ellen Landschulz, Coshocton; B.S. (University of Wisconsin); *Education*

Carol Jones Lathrop, Radnor; B.A. (Ohio Wesleyan University); *Education*

Anna Lee, Columbus; B.A. (Queens College); *Psychology*

Dennis William Lee, Seven Hills; B.S.Ed.; *Education*

Robert Allen Lee, Columbus; B.S.Ed.; *Education*

Mark Thomas Lentz, Worthington; B.A. (Ohio University); *Education*

Nancy D. Leone, Toledo; B.S.Ed.; *Education*

Deborah Jo Lepley, Mt. Vernon; B.A. Ed.; *Art Education*

Gail DeWolfe Lillie, London; B.S.Ed.; *Education*

Paul Walker Long, III, Columbus; B.A. (Heidelberg College); *Public Administration*

Dennis Everett Lowry, Pataskala; B.S.Ed. (Kent State University); *Education*

Marjorie Jo Lowry, Pataskala; B.S.Ed. (Kent State University); *Education*

Clifton Dabney Mack, Kettering; B.A. (Miami University); *Education*

Matthew John MacKay, Prince Edward Island, Ont., Canada; B.A. (Bob Jones University); *Communication*

John Stephen Mackov, Toronto; B.S.Ed.; *Education*

Gayle L. Mahaffey, Bainbridge; B.S.Ed.; *Physical Education*

James Robert Malanowski, Adena; B.A. (Capital University); *Education*

Dennis Andrew Marikis, Columbus; B.A.; *Psychology*

Ellen Marie Martin, Columbus; B.S. (Northwestern University); *Education*

Shirley Vittum Mason, Blacklick; B.A. (University of Vermont); *Education*

Leslie Mass, Powell; A.B. (Gettysburg College); *Education*

Denise Lynn Massey, Petersburg, Va.; B.A. (Saint Augustine's College); *Education*

William J. McCarthy, Washington, D. C.; B.A. (University of Maryland); *Classics*

Amy Anderson McClure, Coral Gables, Fla.; B.A. (Ohio Wesleyan University); *Education*

Elizabeth Lynne McDonald, Alexandria Bay, N. Y.; B.S. (State University of New York College at Geneseo); *Communication*

Jerry Ritter McDonald, New Albany; B.S.; *Education*

Linda Carlson McDonald, New Albany; B.S.Ed. (Kent State University); *Education*

Larry McElrath, Cincinnati; B.S. (University of Cincinnati); *Public Administration*

Douglas Carter McElwain, Sterling, Colo.; B.A. (Hastings College); *Psychology*

Cecelia Ann McGonagle, Columbus; B.S.Ed.; *Education*

Hugo Richard McGraw, Jr., Columbus; B.S.Ed. (Ohio University); *Education*

Catherine S. McKenzie, Reynoldsburg; B.A.; *Education*

Mary E. McLaughlin, Columbus; B.S.; *Communication*

Gale Marzluf McLinn, Columbus; B.S.Ed.; *Education*

James Patrick McMahon, Columbus; B.S.Ed.; *Health Education (Physical Education)*

Nancy Jean McNeal, Xenia; B.S.Ed.; *Music*

Jane Swift McSwain, Memphis, Tenn.; B.A. (Lambuth College); *Music*

Kathryne Ann Meade, Tustin, Calif.; A.B. (San Diego State University); *Classics*

Donna J. Meek, Columbus; B.A.; *English*

Charles R. Melvin, Cincinnati; B.A. (University of Cincinnati); *Journalism*

Susan Mernit, Columbus; B.A. (Bard College); *English*

Marlene Merves, Lorain; B.S.Ed.; *Education*

Nancy J. Milburn, Columbus; B.S.Ed.; *Education*

Julie Daig Miller, Toledo; B.Ed. (University of Toledo); *Education*

Rita Burk Miller, Columbus; B.A. (Ohio University); *Education*

William Kent Miller, Mt. Vernon; B.S.Ed. (Kent State University); *Education*

Patsy J. Milton, Mt. Vernon; B.A. (Olivet Nazarene College); *Education*

Brenda D. Minnigan, Orangeburg, S. C.; B.A. (Spelman College); *Education*

Robert Alfred Mix, Lima; B.M.E. (Indiana University); *Music*

Verlene Renita Mobley, Atlanta, Ga.; B.S. (Kentucky State University); *Music*

Renee Morkassel, Waverly; B.S.Bus. Adm. (DePaul University); *Education*

Althenia Morrow, Tuscaloosa, Ala.; B.A. (Knoxville College); *Education*

Dian C. Morse, Columbus; B.S.; *Education*

Mark Allen Mortine, Newcomerstown; B.S.Ed.; *Education*

Deborah D. Morton, Saxe, Va.; B.A. (Norfolk State College); *Public Administration*

Mary Ellen Mosher, Greenville, Pa.; B.A. (Muskingum College); *Education*

Carol A. Mosler, Wapakoneta; B.S.Ed.; *Education*

Thomas Price Moyer, Martinsville, Va.; B.S. (Norfolk State College); *Physical Education*

Michael Allen Murphy, Gahanna; B.A.; *Education*

Richard Lowell Nagel, Nevada; B.S.Agr.; *Education*

Alvin Mark Nedelman, Columbus; B.A.; *History*

Diana Jeanne Nelson, Solon; B.A., B.S.Ed.; *Education*

Carol Goss Neutzling, Columbus; B.A., B.S.Ed.; *Journalism*

Rose Marie Nijssen, Columbus; B.A. (Ohio Dominican College); *Education*

Gene L. Noce, Bayonne, N. J.; B.A. (Saint Peter's College); *Classics*

Debra K. Noe, Hillsboro; B.A.; *Education*

Deborah Leslie Nott, Delaware; B.S. (West Virginia Wesleyan University); *Education*

Robyn Obermiller, Dover; B.S. (Purdue University); *Education*

Glen Alan Oches, Brunswick; B.A. (Cleveland State University); *Education*

Richard Lane Odor, Newark; B.A.; *Education*

Kathleen A. O'Dwyer, Dublin, Ireland; B.A. (College of Steubenville); *Education*

Kenneth Gordon Olsen, Seattle, Wash.; B.A. (Western Washington State College); *Journalism*

L. Ben O'Neal, Talihina, Okla.; B.S.Ed. (David Lipscomb College); *Education*

Josephine Renzi Ostrov, Akron; B.S.; *Physical Education*

Lynn Robinson Ozobu, Columbus; B.S.; *Education*

Lucille L. Ozvat, Grove City; B.S.Ed.; *Physical Education*

Marie Gour Paxton, Gallipolis; B.S.Ed.; *Education*

Kim Ellen Perry, Worthington; B.S. (Ohio University); *Education*

Joan Elaine Peterson, Columbus; B.S.Nurs.; *Education*

Judith Eastman Pflaumer, Granville; B.S.Ed.; *Education*

Valayaporn Phuphat, Bangkok, Thailand; B.A. (Chulalongkorn University); *Education*

Maria A. Pizzi, Ashtabula; B.S.; *Education*

Patricia Likert Pohlman, Columbus; A.B. (University of Michigan); *Psychology*

Susan Lynne Porter, Columbus; B.A. (Capital University); *Education*

- Toby Mirkin Portman, Columbus;
B.A.; *Public Administration*
- Dianne Miller Prehm, Columbus;
B.S.Ed.; *Education*
- Lisa Ilene Prepon, Colonia, N. J.;
B.A. (Rutgers University); *Journalism*
- Robert Wayne Price, Newark;
B.S.; *Physical Education*
- Jo Ann Roseberry Radwin, Marion;
B.A. (Brooklyn College); *Education*
- Carletta H. Railey, Dayton;
B.A. (Bowling Green State University);
Education
- Patricia Lee Rasberry, Columbus;
B.A.; *Education*
- Joanne M. Rauschenbach, Cleveland;
E.A. (John Carroll University); M.S.W.;
Public Administration
- Linda Curtis Ray, Lancaster;
B.S.Ed. (Bowling Green State University);
Education
- Susan Rein, Columbus;
B.S.Ed.; *Education*
- Patricia Ann Rheins, Sunbury;
B.S. (Bowling Green State University);
Education
- James Howard Rimmer, Flushing, N. Y.;
B.A. (Queens College); *Physical Education*
- Judith Ann Ritchey, Fredericktown;
B.S.Ed.; *Education*
- Nancy J. Rocco, Pittsburgh, Pa.;
B.S. (Slippery Rock State College);
Physical Education
- James Philip Roe, III, Kingston;
B.S.Ed. (Ohio University); *Education*
- Kevin Sean Rogers, Sparta, N. J.;
B.A. (College of William and Mary);
Physical Education
- Melvena Lou Rostash, Zanesville;
B.S.Ed. (Ohio University); *Education*
- Stacey W. Rothenberg, Shaker Heights;
B.S. (University of Cincinnati);
Communication
- Florence M. Rouzier, Corona, N. Y.;
B.A. (State University of New York
College at Buffalo); *Journalism*
- Daryl Marcus Rowe, Cincinnati;
B.A. (Hampton Institute); *Psychology*
- Martha Ellen Rowland, Granville;
B.S.Ed.; *Education*
- Robert Alan Royce, Hartland, Vt.;
B.S. (Plymouth State College);
Physical Education
- Eric L. Rozenman, Columbus;
B.S.J. (Ohio University); *History*
- Jill Frymier Russell, Columbus;
B.S.Ed.; *Education*
- Elizabeth Delli-Gatti Rutherford,
Gahanna; B.S.Bus.Adm. (Franklin
University); *Public Administration*
- James Patrick Ryan, Columbus;
B.A. (Ohio Dominican College); *Education*
- Gwendolyn Wylene Sadler, Natchez, Miss.;
B.A. (Bethune-Cookman College);
Journalism
- Debra Jusko Sage, Dunkirk, N. Y.;
B.S. (State University of New York
College at Fredonia); *Education*
- Faith Aro St. Clair, Cleveland;
B.A. (Lake Erie College); *Romance
Languages and Literatures*
- Catherine Schambach, Cleveland;
B.A.; *Linguistics*
- Robert Barton Schoeneman, Columbus;
B.Arch. (University of Notre Dame);
Education
- Pauline Brown Schroeck, Marion;
B.S.Ed.; *Education*
- Gregory Keith Schultheis, Zanesville;
B.A.; *Public Administration*
- David Stanley Schütz, Wooster;
B.A. (DePauw University); *Journalism*
- Nancy Smith Scott, Grand Saline, Tex.;
B.S. (North Texas State University);
Education
- David Alan Sepulveda, Dayton;
B.A. (Wright State University);
Public Administration
- Carole Ann Shafley, Columbus;
B.S. (Bowling Green State University);
Education
- Carol Essex Sheridan, Mt. Vernon;
B.S. (Kent State University); *Education*
- Patricia Adams Shockley, Williamsburg;
B.Mus.Ed.; *Musie*
- George Weston Shoemaker,
Washington C. H.; B.A., B.S.Ed.;
Education
- Rebecca L. Siesky, Wadsworth;
B.S.Ed. (Bowling Green State University);
Physical Education
- Bernard Silverman, Akron;
B.S.; *Journalism*
- Louis Simmons, Jr., Columbus;
B.S.Ed.; *Education*
- Sandra Addicks Singleton,
Murrysville, Pa.; B.S. (Pennsylvania State
University); *Physical Education*
- J. Martin Sipos, Columbus;
B.S.Bus.Adm. (Bowling Green State
University); *Education*
- Jean Jackson Siriano, Ashville;
B.S.Ed.; *Education*
- Darlene Louise Skok, Seven Hills;
B.S.Ed. (Bowling Green State University);
Education
- Janelle Schmid Smith, Columbus;
B.A., B.S.Ed.; *Education*
- Leslie Lebold Smith, Newark;
B.S.; *Education*
- Maureen Honora Smith, Youngstown;
B.S.Bus.Adm. (Kent State University);
Accounting
- Naomi Cotton Smith, Cleveland;
B.S.Ed. (Ohio University); *Black Studies*
- Karen M. Snoke, Columbus;
B.S.Ed. (Ohio University); *Education*
- Nancy Lynn Hobart Snyder, Columbus;
B.S.; *Education*
- Roger Ralph Solt, Columbus;
B.S.Ed.; *Education*
- Melva Jean Spangle, Berea;
B.S.All'd.Hlth.Prof.; *Physical Education*
- Carl Alonzo Spencer, Jr., Lancaster;
B.S.Ed., B.S.Agr.; *Education*
- John T. Starr, Grove City;
B.S.Ed.; *Education*
- Linda May Steele, Rocky River;
B.A. (Ohio Wesleyan University);
Communication
- Gale Lynn Stevens, Chagrin Falls;
B.A. (University of Virginia); M.S.W.;
Public Administration
- Mark Oliver Stevens, Bexley;
B.A., B.S.Ed.; *Education*
- Carolyn Stimel, Delaware;
B.S.; *Psychology*
- Margery J. Long Stoodt, Bellville;
B.S.Ed. (Ohio University); *Education*
- Carl Frederick Stout, Wilmette, Ill.;
B.A. (Wichita State University);
Business Administration
- Ann Faletta Styer, Canton;
B.S.Ed. (Kent State University);
Education
- Caroline Jeannette Keith Swank,
Minneapolis, Minn.; B.A., B.S., M.A.
(University of Minnesota); *Education*
- Daphne Swearingen, Tiro;
A.B. (Ohio University); *Education*
- Paul Harris Sweetgall, Hudson, N. Y.;
B.S.Bus.Adm.; *Physical Education*
- Ivy Jean Tatney, Columbus;
B.S.Ed.; *Education*
- Erma N. Taylor, Columbus;
B.S.Ed.; *Education*
- Ronald Eugene Tenney, Fredericktown;
B.S.; *Education*
- Roger M. Tewksbury, Wilmington;
B.S. (Wilmington College); *Physical
Education*
- Elvia B. Thomas, Dayton;
B.A. (Wittenberg University); *Public
Administration*
- James Franklin Thomas, Grove City;
B.S.Ed.; *Education*
- Tony R. Thomas, Waco, Tex.;
B.S. H. & P.E. (Texas Southern
University); *Health Education (Physical
Education)*
- Cindy Gail Thompson, Grove City;
B.Mus. (Capital University); *Education*
- Tonya JoDelle Tidline, Columbus;
B.A.; *Public Administration*
- Augustus Lansdel Toomey, Liberia;
B.A. (Saint Augustine's College);
Journalism
- Dean F. Tower, Chelsea, Mass.;
B.S.Ed.; *Education*
- Kimberly Abram Trail, Worthington;
B.S.Ed. (Miami University);
Communication
- Thomas Bodwell Trainer, Columbus;
B.S.Ed.; *Physical Education*
- Jeri F. Traub, Andover, Mass.;
B.A. (American University);
Communication
- Patricia Joy Herbert Troesch, Columbus;
B.S.Ed.; *Health Education (Physical
Education)*
- Patricia Elaine Veasey, Warrenton, Ga.;
B.S. (Fort Valley State College);
Education
- Wonda Faye Vincent, Monticello, Ark.;
B.A. (Philander Smith College); *Education*

Linda R. Vinson, Columbus;
B.S. (Central State University); *Education*

Janet Ann Vogt, Columbus;
B.S.Ed. (Bowling Green State University);
Education

John L. Vollrath, Marysville;
B.A. (Wittenberg University); *Education*

Donald W. Waggoner, Greentown;
B.S.; *Education*

Kay I. Wallace, Columbus;
B.S.Ed. (Eastern Illinois University);
Education

Mary Ann Tiburzio Wallace, St. Louisville;
B.S.Ed.; *Education*

Robert Lewis Wallace, New Philadelphia;
B.M. (Muskingum College); *Music*

Denis Harry Walsh, Columbus;
B.A. (Ohio University); *Public
Administration*

Connie Michele Ward, Hanford, Calif.;
B.A. (University of California);
Psychology

R. Scott Warner, Columbus;
B.A. (Michigan State University); J.D.;
Business Administration

Jeanne Susan Warye, Urbana;
B.S.Ed.; *Education*

Phillip Scott Weakley, Columbus;
B.A. (Capital University); *Physical
Education*

Beatrice A. Weaver, Columbus;
B.S.; *Journalism*

Karen Sue Weeks, Columbus;
B.S.Ed.; *Education*

Kathleen L. Weeks, Columbus;
B.A. (Muskingum College); *Physical
Education*

Patricia McKay Weik, Branford, Conn.;
B.A. (Bates College); *English
English*

Janet F. Weinstein, Flushing, N. Y.;
B.A. (State University of New York at
Binghamton); *Communication*

Roberta Jean Allen Weintraut,
Philadelphia, Pa.; B.A. (LaSalle College);
German

Timothy L. Wells, Prospect;
B.S. (Kent State University); M.Ed.
(Xavier University); *Education*

Nancy Rice Wharton, Columbus;
B.S.Ed.; *Education*

Judith Ann Buckley Wiblin, Phillipsburg;
B.S.Ed. (Central State University);
Communication

Rose Ann Wickersham, Caledonia;
B.S.Ed.; *Education*

Elizabeth Ann Willi, Columbus;
B.S.Ed. (Otterbein College); *Education*

Joseph Edward Windham, Kirkwood, N. Y.;
B.A. (University of Colorado); *Black
Studies*

Robert William Winkelmann,
East Detroit, Mich.; B.A. (Wayne State
University); *Journalism*

Evelyn Miranda Winston, Raleigh, N. C.;
B.A. (North Carolina Central University);
Public Administration

Myra Nadean Womble,
Holly Springs, N. C.; B.S. (Saint
Augustine's College); *Education*

Constance M. Workman, Ashland;
B.Mus. (Ashland College); *Music*

Jeffrey Allen Wrigley, North Canton;
B.S.Soc.Wel.; *Public Administration*

Phyllis Gwendolyn Wynn, Portsmouth, Va.;
B.S. (Norfolk State College); *Music*

Bello Ahmed Yakasai, Kano City, Nigeria;
B.S.Ed.; *Education*

Margaret McGinty Zidonis, Columbus;
B.A. (College of Mount Saint Joseph on
the Ohio); *Education*

Janet Robbins Zimmerman, Columbus;
B.Mus.Ed.; *Music*

Richard Joseph Zitto, Columbiana;
B.S.Ed.; *Education*

Mary Elizabeth Zona, St. Louis, Mo.;
B.A. (University of Missouri); *Education*

Master of Business Administration

Thirty-five candidates

Linda Diane Aines, Columbus;
B.S.Bus.Ad.; *Business Administration*

Charles Marion Baker, Jr., Austintown;
B.Bus.Adm. (University of Notre Dame);
Business Administration

Donald Alan Beckman, San Jose, Calif.;
B.A. (San Jose State University);
M.S. (California State University);
Business Administration

Steven D. Bryan, Lima;
B.A.; *Business Administration*

Roderick William Caldwell, Columbus;
B.A.; *Business Administration*

Kuang-Chung Chen, Taipei, Taiwan;
B.B.A. (National Taiwan University);
Business Administration

Jacqueline S. Chinn, Columbus;
B.A. (Iowa Wesleyan College);
Business Administration

Dwight DeWard Churchill, Aurora;
B.A. (Denison University);
Business Administration

Jerry L. Clark, Columbus;
B.B.A. (Kent State University);
Business Administration

Jill Susan Collinson, Columbus;
A.B. (University of Georgia);
Business Administration

Patricia L. Corres, New Orleans, La.;
B.A. (Newcomb College); M.A.;
Business Administration

Stephen David Dunson, Columbus;
B.A. (Andrews University);
Business Administration

James Patrick Foreman, Lima;
B.S.; *Business Administration*

Jo Ann Gieseke, Spokane, Wash.;
B.A. (University of Washington);
Business Administration

Donald C. Gloeckler, Middletown;
B.B.A. (University of Cincinnati);
Business Administration

Paul Andrew Hummel, Columbus;
A.B. (University of Missouri);
Business Administration

Omar Bin Ismail, Malacca, Malaysia;
B.S. (Louisiana State University); M.S.;
Business Administration

Charles Anthony Koenig, Mentor;
B.S.Bus.Ad., J.D.; *Business
Business Administration*

George Thomas Kruder, Marion;
B.S.; *Business Administration*

Cengiz S. Kurkcü, Marion;
B.S.Bus.Ad.; *Business Administration*

Michael Owen Lein, Toledo;
B.B.A. (University of Toledo);
Business Administration

Roberta Livsey, Dayton;
B.S.Bus.Ad.; *Business Administration*

Frank Mark Maier, Bellefontaine;
B.S.Bus.Ad.; *Business Administration*

James John O'Brien, Worthington;
B.S.; *Business Administration*

Alan P. Orizondo, Columbus;
B.S.C.I.S., B.A.A.E.;
Business Administration

Gary Allen Sahr, Columbus;
B.S.Bus.Ad.; *Business Administration*

Chittarajan Salani, Springfield;
B.E. (Sardar Vallabhbhai Vaidya
Vallabh); *Business Administration*

Mark G. Schuster, Mentor;
B.S. (Washington & Lee University);
Business Administration

Alexander John Shumay, Parma;
B.A. (Baldwin-Wallace College);
M.A. (Cleveland State University);
Business Administration

Judith L. Straub, Boardman;
B.S.B.A. (Youngstown State University);
Business Administration
A. Gilman Sullivan, Youngstown;
B.S.Bus.Ad.; *Business Administration*

Brent Merrill Taylor, Columbus;
B.S. (University of Kentucky);
Business Administration

Philip Henry Washington, Jr.,
Warrensville, B.S. (Miami University);
Business Administration

Jeffrey S. Weiner, Lexington, Mass.;
B.A. (University of Massachusetts);
Business Administration

Sandra A. Williams, East Cleveland;
B.S. (Johnson C. Smith University);
Business Administration

Master of City and Regional Planning

One candidate

Peter J. Roche, Hicksville, N. Y.;
B.A. (State University of New York at
Stonybrook); *City and Regional Planning*

Master of Fine Arts

Ten candidates

Nancy L. Bless, Yellow Springs;
B.A. (Scripps College); *Art*

Nancy Angela Davies, Naperville, Ill.;
B.S. (Miami University); *Art*

Mary Virginia Goodyear, Bellmore, N. Y.;
B.F.A.; *Art*

Nancy Louise Greco, Middletown, Conn.;
B.S., M.S. (Southern Connecticut State
College); *Art*

Beryl A. Matthews, Columbus;
B.A., M.A. (University of Wisconsin); *Art*

Susan Matthews, Fort Worth, Tex.;
B.F.A. (North Texas State University);
Art

Mark Pascale, East Haven, Conn.;
B.A. (Southern Connecticut State
College); *Art*

Denise Marie Swanson, Erie, Pa.;
B.F.A. (Columbus College of Art and
Design); *Art*

John Dale Swanson, Beloit, Wis.;
B.F.A. (Columbus College of Art and
Design); *Art*

Daniel Joseph Vanden Eynden, Columbus;
B.F.A.; *Art*

Master of Labor and Human Resources

One candidate

Albertus J. Veenstra, Johnstown;
B.S.L.H.R.; *Labor and Human Resources*

Master of Music

One candidate

Paul Alan Miller, Westerville
B.Mus.; *Music*

Master of Public Administration

Two candidates

Stephen Mark Stanley, Louisville, Ky.;
B.S. (Miami University); M.B.A.;
Public Administration

Glenn Thomas Worley, Newton Falls;
B.A.; *Public Administration*

Master of Science

Two hundred and twenty-eight candidates

Patricia R. Aaron, Venus, Pa.;
B.S.Nurs. (Villa Maria College); *Nursing*

Susan Kains Ahearn, Dayton;
B.S.Ed. (Bowling Green State University);
Natural Resources

Nahad W. Al-Khalidi, Iraq;
B.Vet.Med. (University of Baghdad);
Veterinary Pathobiology

Kathleen Kimler Altobelli, Dallas, Tex.;
B.A. (Rice University); *Statistics*

Linda Williams Anderson, Monticello, Ark.;
B.S. (University of Arkansas); *Home
Economics*

Bernard Joseph Andrews, Tipton, Ind.;
B.S. (Ball State University); *Nuclear
Engineering*

Joseph Isaac Arar, Columbus;
B.S.Ch.E.; *Chemical Engineering*

Mickey Francis Arthur, Grove City;
B.S.; *Dairy Science*

Rebecca Jane Bailey, Caledonia;
B.S.Agr.; *Agricultural Education*

Barry Lee Ballard, Dayton;
B.S. (University of Washington); *Physics*

Susan Mary Balmat, Euclid;
B.S.Nurs. (Saint John College); *Nursing*

Frederic C. Barbis, Cleveland;
B.S. (Cleveland State University);
Geology and Mineralogy

Judith Caron Batya, Parma;
B.S. (Cleveland State University);
Genetics

Robert Allen Baxter, Charlotte, N. C.;
B.S.E.E. (North Carolina State
University); *Electrical Engineering*

Earl Joseph Beiler, Belleville;
B.S.Agr.; *Dairy Science*

Roger Frank Bender, Fort Loramie;
B.S.Agr.; *Agricultural Education*

Mark Lawrence Bigler, Dayton;
B.S.M.E.; *Mechanical Engineering*

Marjorie Anne Black, Miami, Fla.;
B.S.Nurs. (University of Florida);
Nursing

James David Bliet, Sodus, N. Y.;
B.S.A. (University of Georgia);
Agricultural Education

William Bradley, Bryan;
B.S., O.D.; *Physiological Optics*

Al C. Brant, Lebanon;
B.S.Agr.; *Agronomy*

Carol Lynn Brenner, Coshocton;
B.S.Ed. (Ashland College); *Home
Economics*

Robert L. Brinkman, Ottoville;
B.S.; *Agricultural Education*

Michelle Terry Brownstein,
Rochester, N. Y.; B.S. (Cornell
University); *Dairy Science*

William Alvin Bussey, Somerset;
B.S.Agr.; *Agricultural Education*

William D. Butler, Columbus;
B.S.Agr.; *Agronomy*

Kevin Michael Carter, Painesville;
B.S.; *Atmospheric Sciences*

Wenyaw Chan, Kusan, Taiwan, R.O.C.;
B.S. (National Central University);
Mathematics

Beverly Yvonne Claxton, Detroit, Mich.;
B.S.Nurs. (Hampton Institute); *Nursing*

Kathleen Alice Collins, Los Angeles, Calif.;
B.A. (University of San Diego);
Allied Medical Professions

Laura Mowbray Cook, Portsmouth;
B.S.H.E.; *Home Economics*

Robert Gilliland Corey, Jr.,
Silver Spring, Md.; B.S. (Carnegie-Mellon
University); *Metallurgical Engineering*

Bette S. Cotzin, Ann Arbor, Mich.;
B.S. (Simmons College); *Allied Medical
Professions*

John Samuel Croft, Columbus;
B.S.; *Geology and Mineralogy*

William Milton Crowe, Ironton;
B.S.; *Natural Resources*

Louis G. Damschroder, Jr., Gibonburg;
B.S.; *Agricultural Education*

Carolyn Maxine Daugherty, Prospect;
B.S.Ed.; *Natural Resources*

Sandra Leah Chizmar Denman, Cleveland;
B.S. (John Carroll University); *Pharmacy*

Henry Wayne Derstine, LaMesa, Tex.;
B.S., M.Ed., D.V.M. (Texas A & M
University); *Animal Science*

Anne O'Farrell DeVoe, Columbus;
B.S.Nurs.; *Nursing*

Pamela S. Dickerson, Columbus;
B.S.N. (Old Dominion University);
Nursing

Mary Ann Dowdell, Elyria;
B.S. (Kent State University);
Home Economics

Elaine Marie Drstvensek, Lorain;
B.S.Ed. (Bowling Green State University);
Home Economics

Christopher Krzysztof Druzgalski,
Warsaw, Poland; Diplom Engineer
(Polytechnic of Warsaw); M.S. (Technical
University); *Bio-Medical Engineering*

Roger Laurier Dumas, Acushnet, Mass.;
B.A. (Assumption College); *Mathematics*

Sankar Dutta, Calcutta, India;
B.A., M.A. (Calcutta University);
Mathematics

Saad Sayed Ahmed El-Azazy, Columbus;
B.C.E. (Cairo University); *Civil
Engineering*

Mohamed Abdussalam El-Mojarrush,
Tripoli; B.S. (University of Tripoli);
Civil Engineering

Robert Jay Engelbach, Queens, N. Y.;
B.S. (Fairleigh Dickinson University);
Chemistry

Carol JoAnn Etscheid, Mt. Prospect, Ill.;
B.S.Nurs. (University of Illinois); *Nursing*

Barbara Jane Etzel, North Merrick, N. Y.;
B.S. (Cornell University); *Animal Science*

Rayna Ryan Eyster, Bellville;
B.S.Ed. (Ashland College); *Home
Economics*

Patricia Kane Finding, Columbus;
B.S.All'd.Hlth.Prof.; *Allied Medical
Professions*

David A. Finrock, St. Paris;
B.S.Agr.; *Agricultural Education*

Rena Joan Finkelman, New York, N. Y.;
B.S. (State University of New York
College at Buffalo); *Nursing*

David John Fitch, Orland Park, Ill.;
B.S. (University of Illinois); *Computer
and Information Science*

Mary Katherine Foeking, Chardon;
B.S. (University of Dayton);
Physiological Chemistry

Rosemary Forest, Red House, Va.;
B.S. (Norfolk State College); *Home
Economics*

Robert Marion Freeze, Pataskala;
B.S.Agr.; *Agricultural Education*

Mark William Frye, Columbus;
A.B. (Miami University); *Geology and
Mineralogy*

Wesley Leonard Furste, III, Columbus;
A.B. (Boston University); *Pharmacy*

Kathleen E. Galloway, Athens;
B.S. (Miami University); *Home Economics*

Robert Zell Goodman, Cleveland;
B.A. (Miami University); *Zoology*

William Donald Goodwin, Cambridge;
B.S.Ed. (Ohio University); *Agricultural
Education*

- Marcia Mae Gowen, Rochester, N. Y.;
A.B. (Smith College); *Agricultural Economics and Rural Sociology*
- Janet C. Graham, Edinboro, Pa.;
B.S.Ed. (Ohio University); *Home Economics*
- Brenda Lynn Grau, Dallas, Tex.;
B.S. (Texas A & M University); *Zoology*
- Beverly J. Gray, Alpena, Mich.;
B.S.Nurs. (Capital University); *Nursing*
- Bettianne Greene, Cincinnati;
B.S.Occ.Thor.; *Allied Medical Professions*
- John Whitaker Grove, Mobile, Ala.;
B.S. (University of South Alabama);
Mathematics
- Nirmala Galerla, Urbana;
B.D.S. (Punjab Government Dental College, India); *Dentistry*
- Md.Abdul Azis b Haji Suliman, Malaysia;
Diploma (College of Agriculture);
B.S. (Louisiana State University);
Agricultural Economics and Rural Sociology
- William Teh-Wei Han, Columbus;
B.A. (International Christian University);
Chemistry
- James Wilfred Hartings, Vandalia;
B.Ch.E. (University of Dayton);
Chemical Engineering
- Donna Marie Hayes, New Carlisle;
B.S. (Miami University); *Allied Medical Professions*
- Elaine Gardner Haynes, New London;
B.S.Nurs.; *Nursing*
- Lynn Carol Hebebrand, Cleveland;
B.S.; *Microbiology*
- Janie Dee Henry, Columbus;
B.S.; *Animal Science*
- Steven Allen Hill, Urbana;
B.S.E.E.; *Computer and Information Science*
- Peggy Marlene Hiser, Baltimore;
B.S.H.E. (Ohio University); *Home Economics*
- John Hallett Hixson, Fresno;
B.A. (Malone College); *Animal Science*
- Hsu-Tao Ho, Taiwan, R.O.C.;
B.S. (National Chung-Hsing University);
Chemistry
- Douglas Alan Hofmann, Columbus;
B.S.; *Geology and Mineralogy*
- Michael L. Hoke, Columbus;
Physics
- Wendell Horner, Tucker, Ark.;
B.S. (University of Arkansas); *Home Economics*
- Robert Louis Horton, Lewiston, N. Y.;
B.S. (Cornell University); *Agricultural Education*
- Betsy Jo Houchen, Columbus;
B.S.Nurs. (Capital University); *Nursing*
- Kang Hsu, China, R.O.C.;
B.S. (Tunghai University); Ph.D. (University of Nebraska); *Computer and Information Science*
- Kuang-Liang Hsu, Taiwan, R.O.C.;
B.S.E. (National Cheng-Kung University);
Metalurgical Engineering
- Sarah Renfrew Huff, Houston, Tex.;
B.A. (College of Wooster); *Pharmacy*
- Nancy R. Hutchison, Garden City, N. Y.;
B.A. (Ohio Wesleyan University);
Horticulture
- John Roth Hyland, Jr., Milford;
B.S.C.E. (Ohio University); *Nuclear Engineering*
- Gary L. Isbell, Oregon;
B.S. (University of Washington); *Zoology*
- John N. Jacquemin, Hamilton;
B.S.Agr.; *Agricultural Education*
- Shih-Zong Jang, R.O.C.;
B.S.E. (National Cheng-Kung University);
Civil Engineering
- Christopher Jekeli, Potsdam, N. Y.;
B.A. (McGill University); *Geodetic Science*
- Eric Dana Johnson, Rockport, Mass.;
B.S.E.E. (Lowell Technological Institute);
Electrical Engineering
- Jo Marlene Jones, Marysville;
B.S.H.E.; *Home Economics*
- Joon Hyun Kang, Lancaster;
B.S. (Seoul National University, Korea);
Welding Engineering
- Massoud Kangarloo, Tehran, Iran;
D.D.S. (University of Tehran); *Dentistry*
- Zaven A. Karamanoukian, Granville;
B.A. (American International College);
M.A. (University of Illinois); Ph.D. (University of Illinois);
Computer and Information Science
- Gerald Howard Kassoy, Columbus;
B.A. (University of Massachusetts);
D.D.S. (Howard University); *Dentistry*
- Robin Garber Kaufman, Marblehead, Mass.; A.B. (Indiana University); *Horticulture*
- Robert Timothy Kemerley, Dayton;
B.S.E.E.; *Electrical Engineering*
- James Dennis Kiper, Columbus;
B.A. (Olivet Nazarene College); M.S.;
Computer and Information Science
- Ronald Warren Kiser, Charleston, W. Va.;
B.S.C.E. (West Virginia Institute of Technology); *Civil Engineering*
- Alan Lance Klein, Cincinnati;
A.B., M.B.A. (University of Michigan);
Allied Medical Professions
- M. Kathleen Kluznik, Columbus;
B.S.Nurs.; *Agricultural Economics and Rural Sociology*
- Gregory Thomas Krause, Columbus;
B.S.W.E.; *Welding Engineering*
- Lenny A. Krieg, Columbus;
B.S.A.A.E. (Purdue University);
Geodetic Science
- Eric Cheng-Hwa Kung, Cincinnati;
B.S.I.E. (University of Wisconsin);
Industrial and Systems Engineering
- Hongchih Kuo, Taipei, Taiwan, R.O.C.;
B.S. (National Tsing Hua University);
Mathematics
- Jamebond Kuo, Columbus;
B.S.E. (National Taiwan University);
Electrical Engineering
- Dana Lacy, Columbus;
B.A. (Miami University); *Home Economics*
- Chi-Ping Lau, Hong Kong;
B.S.; *Mathematics*
- Bruce William Lavash, Cincinnati;
B.S.M.E.; *Mechanical Engineering*
- David Kyle Lawson, Westerville;
B.S. (Ashland College); *Agronomy*
- Charles Robert Lee, Jr., Dallas, Tex.;
B.S. (Baylor University); *Industrial and Systems Engineering*
- Chauhung Lee, Columbus;
M.S. (State University of New York College at Stony Brook); *Computer and Information Science*
- Hsien-Che Lee, Taiwan, R.O.C.;
B.S.E. (National Taiwan University);
Electrical Engineering
- Beverly Ann Leite, Lansing, Mich.;
B.S. (Michigan State University);
Physiology
- Robert Allen LeMaster, Columbus;
B.S.M.E. (Akron University); *Engineering Mechanics*
- Cynthia Lowe Lenz, Norwich;
B.S. (University of Pittsburgh); *Nursing*
- Maurice Joseph Liebhauer, Sydney, Australia; B.S. (Sydney University); *Mathematics*
- Syd Lewis Lifshin, New York, N. Y.;
B.A. (Queens College); *Mathematics*
- Arthur Kuo-In Lin, Taipei, Taiwan;
B.S. (Fu-Jen Catholic University);
Mathematics
- Sarah Jane Lindsey, Granville;
B.S.Agr.; *Agricultural Education*
- Rachel Werner Little, Columbus;
B.S.Nurs.; *Nursing*
- David Hsiao-Ming Loh, Taiwan, R.O.C.;
B.S. (National Taiwan University);
Mechanical Engineering
- Mary Ann Lueking, Fort Collins, Colo.;
B.S. (Colorado State University);
Agronomy
- Nancy Jane Manning, Mansfield;
B.S.Agr.; *Horticulture*
- Sharon Barnes Maraffa, Columbus;
B.S.Agr.; *Horticulture*
- Sandra Wise Marak, Weston;
B.S.Nurs. (Bowling Green State University); *Nursing*
- Robert Douglas Marquard, Rocky River;
B.S.; *Natural Resources*
- Michael A. Martello, Steubenville;
B.S.Agr.; *Poultry Science*
- Julia Martens, Rochester, N. Y.;
B.S. (Cornell University); *Horticulture*
- William Luther McKnight, Neapolis;
B.S.Agr.; *Agricultural Education*
- Arturo J. Mendez, Mexico City, Mex.;
D.D.S. (University of Mexico); *Dentistry*
- M. Jaishankar Menon, Palghat, India;
B.Tech. (India Institute of Technology);
Computer and Information Science
- Nancy Ann Merritt, Grove City, Pa.;
B.S.Ed. (Central Michigan University);
Home Economics
- David S. Messinger, North Babylon, N. Y.;
B.S. (State University of New York College at Oneonta); M.S. (Northern Arizona University); *Zoology*
- Michael Thomas Metcalf, Bellville;
B.S. (Ashland College); *Natural Resources*

- Nancy Ann Henthorne Metz, Zanesville; B.S.; *Nursing*
- Janet Marie Mewshaw, Albuquerque, N. M.; B.S.Nurs. (University of New Mexico); *Nursing*
- James Earl Mickle, Worthington; B.S., B.S.Agr.; *Botany*
- Michael E. Miller, West Salem; B.S. (Pennsylvania State University); *Agricultural Education*
- Edward A. Moser, Shamokin, Pa.; B.S. (Pennsylvania State University); *Dairy Science*
- Cynthia Vaughn Munford, Indianapolis, Ind.; B.A. (DePauw University); *Zoology*
- Ann Brown Nutt, Columbus; B.A. (Ohio Wesleyan University); *Home Economics*
- Ohene Owusu Nyanin, Ghana; B.S. (University of Wisconsin); *Agricultural Economics and Rural Sociology*
- Margaret D. Ouellette, Columbus; B.S.Nurs. (University of Vermont); *Nursing*
- Diane Outen, Camden, S. C.; B.S. (South Carolina State College); *Home Economics*
- Choo Hye Paik, Seoul, Korea; B.S. (Ewha Womans University); *Home Economics*
- Alice Beard Pasquale, Gallipolis; B.S.N. (Ohio University); *Nursing*
- E. Ann Hampton Peters, New Carlisle; B.S.Nurs. (Wright State University); *Nursing*
- Thomas Leszek Piatkowski, San Francisco, Calif.; B.A. (Case Western Reserve University); *Animal Science*
- Anita Gay Pinson, Union; B.A. (DePauw University); *Chemistry*
- Edward William Powers, Columbus; B.S.Agr.; *Agricultural Economics and Rural Sociology*
- William D. Pratt, Endicott, N. Y.; B.S. (Cornell University); A.A.S. (State University of New York College at Alfred); *Animal Science*
- Thomas Paul Price III, Gallipolis; B.S.; *Agronomy*
- Patrice Ellen Rancour, Columbus; B.S.; *Nursing*
- Alma Sue Ratts, Columbus; B.S.Nurs. (Capital University); *Nursing*
- Michael Howard Renfroe, Winston-Salem, N. C.; B.S. (North Carolina State University); *Natural Resources*
- Douglas J. Resnick, Columbus; B.A. (State University of New York College at Binghamton); *Physics*
- Charles Michael Rhoads, Middletown; B.S.E.E.; *Electrical Engineering*
- Peter J. Richie, Columbus; B.S. (University of Maine); *Zoology*
- Thomas H. Rieman, Cleveland; B.S.; *Horticulture*
- Milton Duncan Rinehart, Columbus; B.S.Nat.Res.; *Natural Resources*
- Linda Donnell Ross, Gahanna; B.S.N. (University of Michigan); *Nursing*
- Robert Edward Rostas, Columbus; B.S.Pharm.; *Pharmacy*
- Edward John Roszak, Euclid; B.S. (John Carroll University); *Allied Medical Professions*
- Dominique Marcelle Rouvet, Montville, N. J.; B.S. (Rutgers University); *Zoology*
- Mark Stephen Rudinski, Eatontown, N. J.; B.S. (Seton Hall University); *Microbiology*
- Masood Sabihi, Columbus; B.Sc. (Pahlavi University); M.Ed. (Pennsylvania State University); *Agricultural Education*
- Daniel R. Sanders, Richwood; B.S.Ed.; *Natural Resources*
- Dennis C. Sargent, Columbus; B.S.Agr.; *Agricultural Education*
- Betty Begley Schmol, Kettering; B.S.Nurs. (Wright State University); *Nursing*
- Kent E. Schwaegerle, Elyria; A.B. (Oberlin College); *Botany*
- Ruth Ann Schwartz, New Bremen; B.S.Nurs.; *Nursing*
- Andrew C. Selby, New York City, N. Y.; B.A. (Hunter College); *Geology and Mineralogy*
- Wanis Ali Shaari, Columbus; B.S. (University of Libya); *Electrical Engineering*
- Dennis Lee Shaw, New Martinsville, W. Va.; B.S. (West Virginia University); *Chemistry*
- Ruth Limbaugh Shaweker, Columbus; B.S.H.E.; *Home Economics*
- David Earle Smith, Columbus; B.S.; *Electrical Engineering*
- Dwight Alan Smith, Convoys; B.S.F.S. (Georgetown University); *Agricultural Economics and Rural Sociology*
- Edith L. Smoot, Columbus; B.S.; *Botany*
- Josanne Marie Snyder, Tiffin; B.S.Nurs.; *Nursing*
- Dilip Amritlal Soni, Bombay, India; B.Tech., M.Tech. (Indian Institute of Technology); *Computer and Information Science*
- Renée Octavia Spencer, Floyd, Va.; B.S. (Virginia State College); *Home Economics*
- Jean Bausman Stacker, Columbus; B.S. (Michigan State University); *Home Economics*
- Stephen A. Steward, Milford; B.S.E.E.; *Electrical Engineering*
- Norman David Stewart, Cincinnati; B.S.Agr.; *Animal Science*
- Robert Howard Stock, Canton; B.S. (Case Western Reserve University); *Poultry Science*
- Joan Baetz Stoffregen, Amherst; B.S.H.E.; *Home Economics*
- Sister Mary Constance Stopper, Columbus; B.S.N., M.Ed. (Kent State University); *Nursing*
- Willard J. Swank, Jr., Somerville, N. J.; B.S. (State University of New York College at Oneonta); *Geology and Mineralogy*
- Wei-Chien Tang, Taiwan, R.O.C.; B.S. (Fu-Jen Catholic University); *Mathematics*
- Bradley Harold Taylor, Burns, Kan.; B.S. (Kansas State University); *Horticulture*
- Betty Lou Jamieson Tenney, Columbus; B.S.Ed. (Southern Oregon College); M.A.; *Mathematics*
- Satish R. Thatte, Bombay, India; B.Tech. (Indian Institute of Technology); *Computer and Information Science*
- Ratana Thienlikit, Bangkok, Thailand; B.Eng. (Chulalongkorn University); M.S.; *Computer and Information Science*
- Kathleen Hartzell Thorpe, Troy; B.S. (University of Cincinnati); *Home Economics*
- Robin Trainor-Masci, Bethlehem, Pa.; B.S. (Baldwin-Wallace College); *Home Economics*
- Madhav A. Unde, Milwaukee, Wis.; M.I.E. (Institute of Engineers); C.Eng., M.I.Prod.E. (Institute of Production Engineers); *Welding Engineering*
- Susan Lee Voelz, Milwaukee, Wis.; B.S. (Purdue University); *Home Economics*
- Pongtawan Vohariwatt, Bangkok, Thailand; B.Eng. (Chulalongkorn University); *Mechanical Engineering*
- Mary Winifred Walters, St. Petersburg, Fla.; B.S.N. (Barry College); *Nursing*
- John Richard Wehrmeister, Toledo; B.S. (University of Michigan); *Botany*
- Jimmie E. Wellman, Jr., Columbus; B.S.; *Microbiology*
- Jacob Wexler, Givatayim, Israel; B.S.; *Mechanical Engineering*
- Kathy Gay Wheeler, Columbus; B.S.Nurs.; *Nursing*
- William R. Gary White, Bloomington, Ill.; B.S.C.E. (University of Illinois); *Civil Engineering*
- Catherine Whiteside, Landrum, S. C.; B.S. (Benedict College); *Zoology*
- Randall Lee Wiesenmayer, Lima; B.S.Nat.Res.; *Natural Resources*
- Charles Edward Winkle, Fayetteville; B.S.Agr.; *Agricultural Education*
- William Thomas Winsley, Zanesville; B.S.Pharm.; *Pharmacy*
- Jack H. Winters, North Canton; B.S.E.E. (University of Cincinnati); *Electrical Engineering*
- Michael Chi-Keung Wong, Hong Kong; B.S. (Lowell Technological Institute); *Nuclear Engineering*
- Shirley Anne Woodworth, Madison; B.F.A. (Stephens College); *Home Economics*
- Virginia Loretta Wright, New York, N. Y.; B.S. (City College); *Nursing*
- Lori Kay Wunderlich, Randolph; B.S.Agr.; *Agricultural Education*
- Kenneth J. Wurm, Solon; B.S.M.E.; *Nuclear Engineering*
- Sin-Hoi Yam, Hong Kong; B.S. (State University of New York College at Stony Brook); *Chemical Engineering*
- Hsiaw-Chan Yeh, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); *Mathematics*

Gregory Lee Youchak, Johnstown, Pa.;
B.S. (University of Pittsburgh); *Civil
Engineering*

Brenda Kocher Young, Bloomville;
B.S.H.E.; *Home Economics*

Yang Soo Yun, Columbus;
B.S.Nat.Res.; *Natural Resources*

Steven J. Zeil, Covington, Ky.;
B.A. (Thomas More College); *Computer
and Information Science*

Master of Social Work

One candidate

Constance L. Jefferson, Petersburg, Va.;
B.A. (Saint Augustine's College);
Social Work

Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans:
Colin B. B. Bull

Vice Provost for the Arts and Sciences:
Thomas A. Willke

The Colleges of the Arts and Sciences,
a federation of five colleges, include:

College of the Arts

College of Biological Sciences

College of Humanities

College of Mathematics and
Physical Sciences

College of Social and
Behavioral Sciences

College of the Arts

Dean: Andrew J. Broekema

Bachelor of Arts

Twelve candidates

Darrell Corwyn Breese, Sylvania
Bonnie Bridget Burnham, Clayton
Jeffrey Roland Doggett, Cleveland
Mary Ann Best Fullen, Columbus
Ann B. Hilbert, Columbus
Harold Roger Hirsch, South Euclid
Nancy Shutt Kersell, Columbus
Greta Ann Knebel, Columbus
Mark Atwood Menke, III, Mansfield
Michele M. Nemes, Columbus
Anne Marie Rossi, Columbus
Jennifer J. Weingart, Powell

Bachelor of Fine Arts

Nineteen candidates

Susan Michele Ball, Columbus
Keith Brian Belman, Solon
Karen June Bonnallie, Elyria
Gayle Phillis Bradley, Cincinnati

Michael Edward Davis, Columbus
B.S.Ed.

Laurie Jill Gettes, Norwalk
Amy Joanna Hippie, Columbus
Becky Lou Hooker, Steubenville
Jeffrey Burke Light, Lima
Nancy Patricia McCaffery, Parma
Mark Joseph McGuire, Mt. Vernon
William N. Morris, Columbus
Susan Catherine Ohmer, Cincinnati
B.A.

Beth Ann Planzer, Cincinnati
Caroline Rogers Reinier, Grove City
John Roscoe Starkey, Grove City
Nancy Lynn Stoner, Hartford
Aysun Sualp, Columbus
B.S. (University of Missouri), M.S.,
B.Art Ed.
Cheryl Ann Wipert, Columbus

Bachelor of Music

Six candidates

Stephen Wayne Dodge, Columbus
Ann Elisa Haertling, Westerville
Joseph Craig Lilly, Columbus
Kevin Stewart O'Bryan, Columbus
Thomas Dean Veregge, Delaware
William John White, Columbus
B.E.E. General Motors Institute

Bachelor of Art Education¹

Fourteen candidates

Linda Karen Berger, Columbus
Scott Marshall Brandon, Columbus
Teresa Marie Calco, Olmsted Falls
Jose Luis Gimenez, Hellin-Albacete, Spain
Sandra Beth Golub, Pepper Pike
Janice Lorie Gottlieb, Dayton
Jay Curtis Huffman, Newark
Susan Jones Libbe, Grove City
B.S.H.E.

Mark Joseph McGuire, Mt. Vernon
Hannah Ann Milliken, Newark
Marjorie Cahill Salmons, Galloway
Sandra Barbara Streifender, Columbus
Sharon Dee Turner, Columbus
Avery Ann Yount, Columbus

Bachelor of Music Education¹

Five candidates

John Patrick Holsinger, Marion
Joseph Craig Lilly, Columbus
David Wayne Meredith, Columbus
Valerie Ann Petruszka, Fort Worth, Tex.
Karen Sue Wolford, Lima

Bachelor of Science in Industrial Design

Five candidates

Wilson Brent Cains, Huntington
Yvonne Foster, Columbus
Christopher Thomas Glaeser, Columbus
Frank Joseph Rowe, Jr., Worthington
Danelle Jean Troyer, Cuyahoga Falls

College of Biological Sciences

Bachelor of Science

Thirty candidates

James D. Ames, Louisville
Robert Paul Beaman, Alger
Ernest Charles Boeuf, Cleveland
Patricia Winter Boyd, Columbus
Julia Coffey Carey, Columbus
Quinton Eugene Collins, Willoughby
Charles J. Fajgier, Zanesville
Karen Sue Fries, Youngstown
Edward S. Goetz, Portsmouth
Scott V. Graham, West Speld, Mass.
Timothy Johnson Green, Cambridge
Michael Robert Gross, Solon
James Dalton Hayes, II, Columbus
Moorthy N. Iyer, Worthington
Christopher Jason Kaine,
Middleburg Heights

Karen Anne Keleciny, Rocky River
Elenny Michelle J. Marvis, Cleveland
Dennis M. Matricardi, Lowellville
Sharon Ann McCarley, Columbus
John Charles McConaghy, Columbus
Lawrence Edward McKernan,
Middleburg, Conn.

Frederick A. Miller, Galloway
Candy O'Brien, Grove City
Kevin Olson, Ashland
Michael David Pacak, Campbell
William Elliot Patterson, Rochester, N. Y.
Thomas Pearson, Cincinnati
Elizabeth Nold Phillips, Columbus
William Lloyd Potts, Jr., Columbus
Kenneth J. Schmiegenberg, Garfield Heights
Vanessa Tolliver, Akron

College of Humanities

Acting Dean: Leon I. Twarog

Bachelor of Arts

Thirty-six candidates

Terrence Kevin Baughman, Dover, Del.
Sandi Adele Buford, Cleveland
Logan Christopher Chaney, Delaware
Barry Jon Chesler, Columbus
Keith Arlen Christman, Mansfield
Mary Ellen Duprey, Columbus
Diana L. Evenson, Columbus
Sally Jo Eyre, Columbus
Richard Alain Freeman, Columbus
Darwitt Garrett, Sandusky
Shirley Ann Gray, Canton
Lee Ann High, Shelby
Deborah Lynn Hunter, Westerville
Mary Beth Hutchison, Chesterland
R. B. Alexander Lame, Huntsville
Lorelei M. Lanier, Columbus

¹ Bachelor of Art Education and Bachelor of Music Education degrees are offered jointly by the College of the Arts and the College of Education
² Also Bachelor of Art Education, College of Education
³ Also Bachelor of Music Education, College of Education
⁴ Also Bachelor of Fine Art, Colleges of the Arts and Sciences
⁵ Also Bachelor of Music, Colleges of the Arts and Sciences

Kenneth Jay Lazear, Columbus
 Susie Hanket Lewis, Columbus
 Gerald M. McGinnis, Mansfield
 Joyce Lynn Mellott, Toronto
 Osvaldo Mesa, Columbus
 Sandra L. Nelson, Vicksburg, Miss.
 Edward Louis Nohe, Gahanna
 Steven Joseph Patterson, Wauwatosa, Wis.
 Elaine Pynch Pierce, Columbus
 Richard Allen Rose, Lancaster
 Donna Simmons, Columbus
 Thomas Edwin Smith, Chillicothe
 Linda Keturah Spencer, Chardon
 Karl Joseph Stratman, Wilmington
 Teresa Anne Todd, Coshocton
 Jean Marie Utley, Columbus
 Brian Williams, Dover
 Robin Alicia Yaneck, Flushing
 Tonisa Marie Young, Columbus
 Patricia C. Ziska, Columbus

College of Mathematics and Physical Sciences

Dean: Colin B. B. Bull

Bachelor of Arts

Three candidates

Robert Earl Choate, Upper Arlington
 Albert Benjamin Fisher III,
 Franklin Lakes, N. J.
 Beth Florence Wigen, Columbus

Bachelor of Science

Sixteen candidates

David Ray Blair, Jr., Columbus
 David Kevin Coonr,
 Blytherville AFB, Ark.
 Robert John Fenzan, Wadsworth
 Randy Lynn Gloor, Paulding
 Byron Dean Gulick, Circleville
 Christena Marie Harvey, Bellefontaine
 Jonathan David Istok, Mansfield
 John V. Marshall, Grove City
 Clyde Philip Mason, Jr., Columbus
 David George Miller, Newark
 John Norman Rauchenstein, Jr., Gahanna
 Martin A. Rote, Columbus
 Brian Clarence Samuels, Columbus
 Albert Scott, Jr., Mansfield
 Harriet Minna F. Weatherford, Columbus
 Sandra Joyce Louise Whaley, Middletown

College of Social and Behavioral Sciences

Dean: Edward C. McDonagh

Bachelor of Arts

One hundred and eleven candidates

Jeffrey S. Allen, Manhasset, N. Y.
 Amy Colleen Arrington, Columbus
 Evelyn Caressa Baker, Cleveland
 Daniel M. Barnett, Shaker Heights
 Clarence Beals, Saginaw, Mich.
 Marilyn Joy Brenner, Youngstown

Gayle Patrice Brown, Steubenville
 Elvin Cannon, Jr., Nashville, Tenn.
 John J. Canty, Columbus
 Kavi Choongkittavorn, Bangkok, Thailand
 Cheryl Lynn Collins, Akron
 Jerry G. Collins, Zanesville
 Joseph G. Collins, Columbus
 Susan Virginia Cromer, Dayton
 Kim Joseph Davies, Columbus
 Charles Mark Davis, Virginia Beach, Va.
 James John Deutsche, Jr., Columbus
 Richard Harris Drucker, Beachwood
 Kim Robert Dunlope, Winterville
 Muriel Rhoda Dunn, Columbus
 Steven Craig Ellis, Columbus
 Julienne Elizabeth Fath, Mentor
 Kent S. Flaherty, Columbus
 Shannon Foster, Jr., Worthington
 William J. Fountos, III, Youngstown
 Martin C. L. Frank, Fairborn
 Patricia Ann Freeman, Sciotoville
 Joy B. Friedman, Columbus
 Neil Edgar Friend, Zanesville
 Judith Frumkin, Columbus
 Thomas Jeffrey Fuller, Sausalito, Calif.

Jeffrey Robert Geist, Worthington
 Chet Bradley Homyak, Huron
 William E. Houston, Gahanna
 Diana L. Hughes, Columbus
 Jenny Jacobsen, Mansfield
 Gregory Wayne Johnson, Columbus
 David Allan Jones, Columbus
 Diane Jones, Cleveland Heights
 William Harold Jorgensen, Columbus
 Karen Sue Kaplan, Dayton
 Connie Ann Keller, Columbus
 Robert A. Kelley, Jr., Toledo
 Deborah Ann Knapp, Cambridge
 Mark Jeffrey Koenreich, Columbus
 Benjamin James Lawrence, Columbus
 Ronald J. Likover, University Heights
 Michael D. Link, Columbus
 Evelyn Irene Lyons, Thompson
 John E. Master, Parma
 Lisa Benedict Mastrangelo, Willoughby
 Cynthia Jo Maxwell, Columbus
 Sara A. Mazak, Akron
 Joanne Marie Mazzulo, Brecksville
 Nancy Ruth McCarty, Pittsburgh, Pa.
 Shirley Elaine Moore, Westchester, Ill.
 Kathryn Ann Moran, Canton
 Ann Marie Murman, Lakewood
 Susan Patricia Mussio, Columbus
 Gene Allan Nickoli, Elyria
 Roy Nicol, Stow
 Kenneth E. Nixon, Medina
 Shirley Mae Norman, El Dorado, Ark.
 Paulo Nuosci, Peninsula
 Lawrence Walter Obodzinski, Cleveland
 Patricia A. O'Rourke, Columbus
 Barbara Anne Oswald, Washington C. H.
 Mary Kimberly Pfister, Columbus
 Sandra P. Pigler, Augusta, Ga.
 LuAnn Piper, Gahanna
 Douglas Paul Porter, Youngstown

Raoul Jean Quantz, Jr., Montgomery
 Janelle Rose Ragan, Westerville
 Mark Patrick Ramsdell, Cincinnati
 Mondra June Rose, Columbus
 Jeffrey Alan Salmon, Canton
 Susan Louise Schiller, Columbus
 Kenneth William Schreck, Kettering
 Robert Sheldon Schwachter, Beachwood
 Diane Rose Schmitano, Columbus
 Richard Todd Shaw, Dover
 Sybil Truphelia Sherman, Columbus
 James Leonard Simons, Elida
 Deborah Lynn Spaun, Columbus
 Gregg David Spierling, Columbus
 Cynthia Sue Strahler, Spring Valley
 William Jay Strauch, Columbus
 David R. Sullivan, Zanesville

Harry Allan Tabler, Cincinnati
 Stephen Lee Testerman, Lebanon
 Christina Van Heyde, Columbus
 Mary Patricia Vargo, Columbus
 Kenneth Vasicek, Cleveland
 Martha Elizabeth Vincent, Columbus
 Susan Jayne Warner, Columbus
 Robert Mark Randal Waterworth, Dayton
 Richard Martin Weirich, Columbus
 Kenneth Roy Williams, Zanesville
 Lora Roseann Wise, Columbus
 Susan M. Wood, Columbus
 Cheryl S. Worster, Sunbury
 Andrew Anson Worth, Cincinnati
 Gwendolyn Ann Wright, Columbus
 Susan Marie Zack, Columbus

Bachelor of Science

Eighteen candidates

Bonnie Sue Blumenthal, Miami, Fla.
 Elizabeth J. Branham, Crestline
 Paula Heinmiller Brown, Columbus
 Peggy Lee Foulk, Plain City
 Stanley Mark Garman, Dunkirk
 Susan R. Internicola, Lewiston, N. Y.
 Debra Stansberry Jones, Columbus
 Leslie Ann Klahn, Crestline
 Ann Louise Link, Dayton
 Jacqueline Ilona Maranville, Columbus
 Paul F. McCloskey, Columbus
 Michael E. Moehrman, Columbus
 Gwyndolyn A. Montgomery, Cincinnati
 Joanne Ingle Phillips, Barnesville
 Ronald E. Sakem, Akron
 Sygienda A. Smith, Columbus
 Kenneth L. Tetzrow, Independence
 Joel Leon Zureick, Columbus

Bachelor of Arts in Journalism

Twenty-seven candidates

Charles Calvin Brown, Jr., Wyoming
 Scott Tyler Burns, Oak Hill
 Stephen P. Crawford, Enon
 Alan Dwayne Crockett, Cleveland
 Leona Gail DeMent, Springfield
 Leslie Jean Dykes, Cleveland
 Tracy C. Gibson, Philadelphia, Pa.
 Lynn Gottlieb, Dayton
 Margaret M. Guinan, Lancaster
 Matthew Baker Hall, Canfield
 Leigh Hermance, Columbus
 Margaret Anne High, Mansfield
 Anna Marie Holub, Brook Park
 Jeffrey Duncan Logan, North Canton
 Susan M. Lucarelli, Columbus
 Julia Veronica Maher, Salineville
 Marie Antoinette McNeal, Columbus
 Melanie Helene Negrey Mistigih,
 Cuyahoga Falls
 Pamela Jean Nagel, Cincinnati
 Deborah Suzanne Pfeifer, Columbus
 Gloria J. Ramirez, Swanton
 Mary Ann Ross, Elyria
 Rodney Allen Ross, Columbus
 Debra L. Stock, Columbus
 Dorma Jean Stock, Wellsville
 Jill Annette Taylor, Columbus
 Howard James Trickett, Columbus

College of Administrative Science

Dean: Edward H. Bowman

Bachelor of Science in Business Administration

One hundred and fifty-four candidates

Chris George Aivalotia, Pittsburgh
Mark Douglas Allen, Washington C. H.
Leonard William Anderson, Jr., Cleveland
Randall Adrian Anderson, Hamilton
Everett Dean Archie, Columbus
John William Baar, Reed City, Mich.
Richard Lee Baker, Akron
Mark Richard Balmer, Cuyahoga Falls
Jane Elizabeth Barry, Columbus
Barbara Ann Barry, Columbus
Mitchell Aaron Baumgarten, South Euclid
Thomas Brian Bowls, Pemberville
Leo Walter Branzstet, Lorain
John Kraus Burkley, Jr., Stow
James John Cahill, Southport, N. C.
Timothy Martin Canela, Dayton
Jan Leslie Christman, Deshler
David Alan Clarke, Cincinnati
David Richard Conley, Oak Hill
William Burrell Covington,
Washington, D. C.
Stephen A. Critzer, Columbus
Donald Davis, Cincinnati
Leonard Goodman Davis,
Staten Island, N. Y.
Daniel Arden Day, Canton
James Howard Deppen, Galion
Janice Lee Dill, New Carlisle
Corinne Dillon, St. Albans, W. Va.
Timothy Richard Donovan, Columbus
Larry Alan Dreffer, Lima
Jonathan Scott Easley, Grove City
R. Lynn Eyre, Louisville, Ky.
John Leo Federer, Jr., Columbus
John Howard Feole, Columbus
Thomas Alton Fessel, Cincinnati
Robert Wendell Fisher, Youngstown
Mary Yvonne Flaunt, Somerset
Ty Lee Foster, Circleville
Timothy Lewis Fox, Dayton
Michael Loren Freshwater, Hamilton
Joseph Michael Fritz, Maumee
Michael James Geren, Lima
Cynthia Lou Gillette, Columbus
James L. Gordon, Lima
Ronald Dale Grimes, Columbus
Dennis Paul Grote, Cincinnati
Raymond Benjamin Gudowicz, Wickliffe
Leonard Gustafson, Plain
Michael D. Hackman, Columbus
Paul Ernest Hajdin, Bridgeport
Timothy Jude Haladay, Youngstown
Arletta Jean Harrell, Cleveland
James Robert Hartshorne, Loudonville
Paul Richard Hedges, Dayton
Leonard Sherman Heison, Beachwood
Robert Clinton Higgins, Jr., Painesville
Richard Michael Hill, Parma
Kathryn Jo Hoffman, Ashville
John William Homolak, Strongsville
William Herbert Hughes, Circleville
Daniel James Hunter, Bucyrus
Mary Frances Hutcheson, Zanesville
Nasir Issa Ismaili, Columbus
Barbara Jean Ison, Milford
Wilbert Ivory, Columbus
Robert G. Jacobsen, Columbus
Kenneth Allan Jacobson, Saddle River, N. J.
David Michael Jensen, Seven Hills
Irma Del Carmen Jerez,
Judibana, Falcon, Venezuela
Kathleen Marie Jester, Columbus
Terrence Lee Jones, Columbus
Mark Ray Jordan, Toledo

James Franklin Kelch, Jr., Lima
Thomas Wesley Keyes, Columbus
Myung J. Kim, Seoul, Korea
Kirk Edward Knecht, Circleville
Charles William Krallman, New Albany
Charles David Kramer, Mansfield
Robert Louis Krul, Lorain
Teress Ann Masucci Landholt, Columbus
Victor Frank Lankamer, Columbus
Christopher Hall Lauer, Bowling Green
Timothy Alan Lauer, Westerville
Michael Carl Leow, Port Clinton
Robyn Eileen Lerchbacker, Elyria
Linda Marie Lopez, Huron
Gregory Alan Luckenbill, Galloway
Jeffrey Vernon Lyon, Cincinnati
Debra Margaret Mahoney, Columbus
Richard Gregory Maier, Cincinnati
Thomas Michael Maloney, Tiffin
Matthew James Maricevich, Gahanna
Rick Marker, Bryan
John Edward Marushin, Parma
Craig Allen McCann, New Albany
Terry Joseph McGuire, Findlay
Gregory Len Meek, Kettering
Chuck Evan Meyers, Columbus
Aaron Edmund Michel, Marysville
Max William Midlam, Marion
Arnold Dee Miller, Mansfield
Theodore A. Miller, Newark
Gwendolyn Mitchell, Cleveland
Paul Thomas Monks, Delaware
Edward Wheeler Morrisey, Kettering
Frank Phillip Murphy, Yeoman, Pa.
Wendell Murray, Columbus
Kathleen Dawn Nevin, Belleue
David Alan O'Brien, Columbus
Daniel Edward O'Connell, Kettering
Joan Lesley Osendott, Columbus
James Michael Palavin, Chesterland
Michael John Pallardy, Elyria
James Joseph Palmisano, Columbus
Chris Alan Peoples, Troy
Bernice Peoples, Columbus
Stuart James Phillips, Steubenville
Robert Patrick Phipps, Toledo
Douglas Alan Reno, Dayton
Richard Terrence Retteimnier, Columbus
G. Kent Retterer, Beverly
Rhett Calvin Ricart, Canal Winchester
Jack Alan Richman, Brooklyn, N. Y.
Jennifer Lynn Riel, Kettering
Brian Joseph Ritchey, Columbus
James Edward Robinson, Westerville
Carol Anne Roelle Rodock, Columbus
Kenneth E. Roush, Whitehall
Christopher Richard Rose, Worthington
Mary Louise Saddler, Ashtabula
Rhonda Lyn Samberg, Cleveland
John G. Schenerlein, Columbus
James Marian Sexton, Columbus
Glenn Allen Sitter, Aurora
Aisre Slaby, Parma
John Wheeler Slagle, Galion
James A. Smedley, Columbus
Anthony James Smith, Tipp City
Derrrell Michael Smith, Marysville
Vincent Pierre Smith, Cleveland
William Anthony Smith, Columbus
Brenda Marlene Sparks, Urbana
Michael Stavreff, Columbus
David Leslie Stutzman, Aurora
Nanette Rae Sunday, Van Wert
George John Tablack, Campbell
Lawrence Michael Tedeschi, Shadyside
Dana Vidussi, Cuyahoga Falls
David Darryl Wandrey, Columbus
Marcia Ellen Ahrens White, Mt. Vernon
Peggy J. Wilcox, Marion
Jeffrey Allen Williams, Delaware
Vicky Faye Williams, Akron
John David Wisler, Springfield
Todd Luther Witt, Cincinnati

Bachelor of Science in Labor and Human Resources

Five candidates

William Richard Brown, North Canton
Lowell E. Crable, Columbus
Richard Frank Levinstein, Columbus
Sherril R. Maillard, Columbus
Robert Edward Wazgar, Parma

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

Sixty-one candidates

Warren Linn Black, Hebron
Janet Marie Blechschmidt, Ashland
Alaasis Rudolph Braynen,
Nassau, Bahamas
Ronald Dale Broeske, Bellville
Mark Alan Brooks, Union City
Paul Wilson Buck, Columbus
Mary Joan Buddie, Rocky River
Richard Moore Covington, Youngstown
James Dwight Culbertson, Hebron
Karen Ann Culler, Mansfield
Charles Scott Diebel, Cincinnati
Marlene Georgia DiGennaro,
Bethany, Conn.
Craig W. Dubbs, New Madison
Ord Carty Dunn, Shelby
Michael Douglas Elwer, Columbus
Raymond Henry Enderle, Jr., Jeromesville
Steven William Erickson, Dayton
Robert Lowell First, Seville
A. A. (University of Akron)
Thomas Neil Garner, Lindsey
Jane Elizabeth Gilbert, Worthington
John Williams Hamilton, Califon, N. J.
Linda Sue Hattery, Middletown
Joseph Raymond Heckman, Yorkshire
George Jeffrey Hisey, Toledo
Donna Ann Hollander, Columbus
Gregory Holmes, Columbus
Richard Erayton Howard, Madison
Richelle Ruland Howard, Columbus
Thomas David Hrbac, Oregon
Brandon Douglas Hurt, Columbus
David Neil Jacobsen, Cincinnati
Lauri Ernest Kaszar, Dorset
Donna Kuhn Keller, Columbus
Joseph Henry Koch, Oxford
Joseph Patrick Kriis, Loudonville
Dru Elaine Logan, Columbus
Floyd Brandon Mallory, Cincinnati
Charles Jack Malone, II, Huron
James Joseph McKisic, Cincinnati
William James McNamara, Parma Heights
Richard Olin Michael, New Madison
Dale Edward Middleton, Wilmington
Janice Kay Miller, Columbus
Betty Jo Moravick, St. Clairsville
Margaret Innes Mussard, Fort Collins, Colo.
Gary Allen Noble, Dayton
William James Perry, Kettering
Dianne Susan Peterjohn, Worthington
Mark Thomas Rosetko, Northfield
Ronald William Rossel, Columbus
Stephen Anthony Scharf, Marion
Jonathan Dana Schmidt, Worthington Agr.
David Allen Sharick, Avon
David Scott Sharpnack, Elyria
Nancy Ellen Smith, Fairview Park
Carol Ann Starkey, Lebanon
Jack Randall Tincher, Oxford
Philip Carl Weeks, DeGraff

David Scott Wills, Wilmington
James Robert Wineberg, Springfield
Cheryl Lynn Wright, Clayton

Bachelor of Science in Food Science

One candidate

Joseph Harold Horn, Cincinnati

Bachelor of Science in Food Technology

Two candidates

Karen Elizabeth Hendrix, Plantation, Fla.
Duane Kent Larick, Mentor

Bachelor of Science in Nutrition

One candidate

David Lee Harmon, Columbus

School of Home Economics

Bachelor of Science in Home Economics

Thirty-one candidates

Janelle Martha Andrews, Columbus
Jean Elizabeth Cores, Columbus
Patricia Parham De Bruin, Amanda
Janet Winters Duda, Columbus
Joyce Camilla Erb, Whipple
Jane Ann Gafke, Logan
Miriam Grumet, Steubenville
Lucinda Kay Hardesty, Wapakoneta
Cindy Kay Holland, West Jefferson
Kim Marjorie Johnson, Yellow Springs
Margaret Ann Johnson, Columbus
Valerie Ann Kiffin, Pembroke Pines
Martina Carmen Kosnik, Cleveland
Mary Elizabeth Krippel, Maple Heights
Katherine R. Leffler, Columbus
Mary Ann Malone, Columbus
Jeffrey R. Miskimins, Coshocton
Gayle Elaine Mowery, Columbus
Debra Masters Peter, Dalton
Jennifer Elaine Peters, Troy
Karen Sue Rager, Amanda
Karen Marie Reed, Solon
Diane Marie Renner, Cuyahoga Falls
Loretta Jean Rush, Rittman
Gale Ann Schenke, Columbus
Karen Katherine Scodova, Mansfield
Kathy Lynn Simpson, Cuyahoga Falls
Martha L. Spangler, Columbus
Carol Ann Tedesco, Cincinnati
Trevor Diane Thomas, Toledo
Kimberlee Ann Wippel, Cincinnati

Bachelor of Science in Nutrition

One candidate

Joseph A. Paolantonio, Columbus

Bachelor of Science in Restaurant Management

Two candidates

David J. Barrish, South Euclid
Lee Ann Bollinger, Greenwood, Ind.

School of Natural Resources

Bachelor of Science in Natural Resources

Thirty-three candidates

Gene Paul Barickman, Belpre
Charles Terrance Barrett, St. Henry
Jeffrey L. Beck, Barborton
William N. Blechschmid, Solon
Thomas Lee Coakley, Raymond
Stephen John Davis, Bellefontaine
Ray Alan DeWandel, Fairborn
Peter William Dffenbacher, North Olmsted
Gene Frederick Fracker, New Concord
Jeffrey Alan Frank, Chesterland
Bradley Scot Foster, Thornville
Matthew Shawn Gallagher, Sandusky
Gary Allen Gecci, Columbus
Mark Henry Gillespie, Genoa
Patrick Howard Gorman, Mentor
Sheryl Kay Hill, Columbus
Jeffrey Lee Hum, Canfield
Stanley Mitchell Jones, East Palestine
Stephen Michael Keller, Maineville
Herbert Heinrich Laslo, Martins Ferry
Paul Michael Lorenzon, Bay Village
David Guy Mann, Parma
Clifford Jay Morton, Gahanna
Fred John Peter, Kidron
Sheryl Jean Pilat, Parma
Karen Ann Rooney, Columbus
Richard George Roper, Bellville
Elizabeth Leigh Steele, Columbus
Daniel Charles Weimer, Kettering
Gary Lee Willson, Groveport
Alice Elizabeth Wuorinen, Columbus

Agricultural Technical Institute-Wooster

Associate in Applied Sciences

Seven candidates

John Canty Bogan, Belmont, N. Y.
Mark Brian Buckley, Wilmington
Gayle Ellen Cramer, Mansfield
Jane Eleanor Faulkner, Kenton
Jeffrey Allen Howald, Rootstown
Rosemary Catherine Redmond, Belpre
Sheree Lin Simon, Callender, Ont., Canada

College of Dentistry

Dean: Charles L. Howell

Doctor of Dental Surgery

Five candidates

Susan Elizabeth Doerr, Cincinnati
B.S. (Xavier University)
William L. Eick, Coshocton
B.S. (Muskingum College)
Paul Joseph Essman, Wellston
B.S. (University of Notre Dame)
Michael Norman Gabor, Mansfield
B.A. (University of Notre Dame)
Robert Michael Lehnhoff, Cincinnati
B.S. (Xavier University)

College of Education

Dean: Frederick R. Cyphert

Bachelor of Science in Education

Eighty-four candidates

Daniel Lee Armitage, Worthington
Howard Raymond Batum, Bainbridge
Karen Sue Beaver, Clearwater, Fla.
Donald Dennis Bender, Columbus
James Brian Brennan, Columbus
William Perry Bye, Westerville
Gaeleen Neary Chamness, Wapakoneta
Marilyn West Collins, Columbus
Laura Denise Commodore, Columbus
Julie Ann Craig, Toledo
William John Crapser, Groveport
Peggy Lynn Croy, Columbus
Peggy Ann Davis, Dunkirk
Darcy Louise Devers, Richwood
Janet Kay Gaiswinkler, Columbus
Nancy Grandstaff Grish, Columbus
Edith Kay Gilbert, Delaware
B.A.
Debra Kay Goddard, Plain City
Kathryn Leslie Gordon, Middletown
Robert Paul Gray, Killbuck
Wanda Marie Hadley, Dayton
Anita Marie Hanawalt, Norton
Alan Frederick Heath, Columbus
Kenyon R. Hill, Dublin
Terry Lee Hobbs, Galion
Beverly Jean Honigford, Delphos
Mary Gardner Hoskins, Canal Winchester
Judy Harruff Huffman, Marion
John Bradford Hughes, Columbus
Melinda Lee Huston, Clyde
Alan Scott Jackson, Kettering
Marcia Ann Jackson, Bryan
David John Jenkinson, Greenville
Michael Kim Johnson, Columbus
Caryl Anne Johnston, Columbus
Jack Edward Jones, Middletown
Stephanie Kachel, Delphos
Danny Eugene Kavanagh, Columbus
Jerry Lee Kerr, Bellefontaine
Laura Jean Koch, Akron
Cheryl Lynn Kraynak, Columbus
Janet Kay Krebs, Grove City
Deborah Jeanne Kunst, Westerville
Malinda Lee Hilliard
Linda Sue Loveday, Defiance
Becky Jo Manichl, Lorain
James Thomas Mann, II, Columbus
Douglas Stanley Martin, Grove City
Jeffrey Lee Martin, Loudonville
Gary Brian Mayton, Hudson
Thomas Robert McCollough, Columbus
Lee Ann Meyer, Napoleon
Russell James Milheim, Warren
Toni Dee Miller, Mansfield
Robert Douglas Montgomery, Columbus
Terry Delane Mossbarger, Columbus
Lia Vona P. Neitort, Lima
Eileen Marie Norton, Carey
Rosemary Chiazza Nungester, Lima
Joseph John Parrish, Canton
Fusun Pasinler, Columbus
Thomas James Philleo, Columbus
Georgia Maurer Peet, Westerville
Joni Kuhn Prenost, Streetsboro
Howard Michael Price, Youngstown
William Arthur Ray, Sugarcreek
Mary Suzanne Retterer, Columbus
Pamela Kay Rice, Coshocton
Jan Marie Rower, Lima
Sheila Edwards Scurry, London
Cheryl Lynn Slate, University Heights
Kevin Gerard Smith, Columbus
Kristeen Rene Spratley, Dublin
Patrick Edwin Sullivan, Sterling
Maureen Agnes Sweeney, Westlake
Susan Marie Swies, Gahanna
John Robert Thomas, Westerville

William Philip Thomas, North Olmsted
Timothy Joseph Tye, Dayton
Curtis Wayne Tyler, Canal Winchester
Denise Hofer Wannemacher, Findlay
Barbara Ann Weeks, Columbus
Charles Alan Wheatley, Minerva
Bernadine Michelle Woodward, Dayton

**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 on page 127

College of Engineering

Dean: Donald D. Glower

Bachelor of Science in Aeronautical and Astronautical Engineering

Four candidates

Michael Stewart Bond, Upper Sandusky
Arthur Alan Duke, III, Massillon
Perry Oscar Shellabarger, Lima
Clayton Jonathan Vind, Findlay

Bachelor of Science in Ceramic Engineering

One candidate

Steven Michael Anderson, Pomeroy

Bachelor of Science in Chemical Engineering

Nine candidates

John August Albers, Jr., Worthington
Dale William Folsom, Mt. Sterling
Kurt Robert Hanushek,
Cherokee Village, Ark.
Janet Lyons Inkrott, Ironton
Chinkoo Michael Kim, Seoul, Korea
Gerald Edward Markley, Chagrin Falls
Ronald Ethan Perez, Oconomowoc, Wis.
Jack Alan Sigan, Worthington
John Michael Weeman, Orrville

Bachelor of Science in Civil Engineering

Three candidates

Fred Jerome Beery, Hillsboro
Philip Richard Gaul, Pomeroy
Aldo Allen Steele, Gallipolis

Bachelor of Science in Computer and Information Science

Eight candidates

David Louis Braun, Columbus
William Anthony Brocker, Canfield
David Lee Hall, Reynoldsburg
Robin Neal Keister, Jeromesville
David A. O'Connell, Greensburg, Pa.

Tony Lee Rogers, Newark
Jeffrey Carlton Sagar, Columbus
Mitchell Szwed, Grosse Point, Mich.

Bachelor of Science in Electrical Engineering

Thirteen candidates

Eric Conrad Abrahamsen,
Johnson City, Tenn.

B.A.
Alvin John Berger, Mansfield
James Francis Clark, Beruyn, Pa.
Laurance Anthony Datesh, Warren
Dominic Joseph DeCarlo, Valley View
John Paul Jones, Franklin
Wasyl Kowalenko, Cleveland
Richard Keith Kunzer, Youngstown
Dean Michael McClurg, Dayton
Gerald Eric Miller, Lorain
Timothy William Newcome, Kettering
Omar Enrique Pinto, Venezuela
Bruce Martin Pol, Atwater

Bachelor of Science in Industrial and Systems Engineering

Four candidates

Joseph Richard Black, Jr., Columbus
Chimeziem Igochukwu Chukuigwe,
Port Harcourt, Nigeria
Deborah Owens Fink, Akron
Bradley Wayne Wenrick, Medway

Bachelor of Science in Mechanical Engineering

Fifteen candidates

Kenneth Walter Berchak, Avon Lake
Robert Wayne Cedoz, Fort Clinton
Sandra Cree Easley, Pensacola, Fla.
Joseph Jay Fletcher, St. Paris
Ricardo J. Gomez, Willowick
Mark Stock Hall, Canfield
Gholam Reza Hosseini, Iran
Behzad Khosravi-Sichani,
Kalamazoo, Mich.
William Fritz Kiefer, Columbus
William Robert Rice, New Philadelphia
Paul Allen Riggie, Columbus
Thomas Charles Ryba, Lower Burrell, Pa.
Michael Eugene Skelton, Dayton
John Mark Starkey, Dublin
James Walker Wilson, Fairborn

Bachelor of Science in Metallurgical Engineering

Three candidates

Omar Jose Bravo Corcega,
Judibana-Falvon, Venezuela
Ajibola Olutoyin Ibidunni,
Surulere, Nigeria
Michael David Jaffee, Columbus

Bachelor of Science in Surveying

One candidate

Philip Richard Gaul, Pomeroy

Bachelor of Science in Welding Engineering

Four candidates

Shane Joseph Findlan, Northfield
Thomas J. Ganley, Dayton
Martin Ralph Leiske, Greendale, Wis.
Seabury Bassett Waring, Trenton, R. I.

School of Architecture

Bachelor of Science in Architecture

Six candidates

Gary Donald Claar, Marysville
Francis Walter Domurat, Waltham, Mass.
Mary Elizabeth Gins, Columbus
John William Roberson, Woodbridge, Va.
Samuel Adam Taylor, Pittsburgh, Pa.
Davida Iris Yudin, Rockville Center, N. Y.

Bachelor of Science in Landscape Architecture

Five candidates

Ned Starback Bosworth, Akron
Donald Allen Hausfeld, Columbus
Michael Stephen Hiatt, Columbus
Randy Alan Lloyd, Diamond Point, N. Y.
Rex Allen Robinson, Columbus

College of Medicine

Dean: Henry G. Cramblett, M.D.

Doctor of Medicine

Twelve candidates

Peter Brumbaugh Baker, III, Westerville
B.A. (Otterbein College)

Jeffrey Allen Briggs, Niles
B.S.

Boni Elizabeth Elewski, Akron
B.A. (Miami University)

Fred Felton, Jr., Pittsбург, Pa.
B.S. (Central State University)

Thomas R. Freytag, Minster
B.S. (Xavier University)

David Paul Keseg, Columbus
D.S.

William Rembert Kohorst, Cincinnati
A.B. (St. Louis University)

Marla Dawn Lake, Mentor
B.A. (College of Wooster)

Jack Lamar Mathews, Oak Hill
B.S.

¹ Also Bachelor of Science in Surveying, College of Engineering
² Also Bachelor of Science in Civil Engineering, College of Engineering

Stanley Stephen Paras, Youngstown
B.A.
Gary Richard Schwartz, Akron
B.A. (Case Western Reserve University)

Paul Curtis Smith, Wilmington
B.A. (Defiance College)

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Forty-two candidates

Merilee Ann Biehle, Maineville
Connie Marie Blasch, Cincinnati
Joan Samuels Bohlman, Niles
James Randall Brubaker, Napoleon
Thomas Lee Buening, Coldwater
Steven Craig Burton, Reynoldsburg
Christina M. Clark, Miamisburg
Andrea Clifford, Columbus
Gregory Alan Collins, Chillicothe
Clare Marie Curtin, Chagrin Falls
B.A. (Barat College)
Julie Anne Erwin, Cuyahoga Falls
Janet Lee Fagert, Cuyahoga Falls
Connie Jean Foust, Dayton
Nancy Lee Garrison, Dayton
Brooke Marie Greiner, Delaware
Joann Hausser, Columbus
B.S. (State University of New York
College at Oneonta)
Deborah Jean Hughes, Columbus
Kay Ellen Koch, Newark
Tami Sue Shepherd Krivit, Columbus
Terri Ann Mandelait, Sarasota, Fla.
Linda Kay Martin, Cincinnati
Karen Ann Melchior, Parma
JoElla McLearn Michael, New Madison
Barbara Sue Morris, Zanesville
Cynthia Lee Myres, Grove City
Ann Margaret Nauman, Kettering
James William Noga, Cleveland
Ellen Sue Parker, Columbus
Karen Ann Perez, Atlanta, Ga.
Robert Michael Reed, Columbus
Margo Marie Ridenour, Dayton
Jane Ann Roof, Canton
Debra Jo Ruggieri, Warren
Barbara Lynn Schmuch, East Canton
Jerry Joseph Sheehan, New Paris
Benita Jo Shiffes, Cincinnati
Nancy Ellen Thompson, Murrysville, Pa.
Anne Wanamaker, Fairfax, Va.
Sara Kerr Wetherholt, Upper Arlington
Carol Ann Wiedeman, Sandusky
Jeanne Saunier Winger, Marion
Marjorie Ann Winters, Columbus

Certificate of Nurse Anesthetist

Four candidates

Karen Vaughters Bays, Friendship
R.N. (Mt. Carmel School of Nursing)
Dan Douglas Reuter, Waverly
Eric Lloyd Simmons, (Ohio University)
A.A.S. Nursing (Kettering College of
Medical Arts)
Charles Nelson Smith, Dayton
A.A.S. Nursing (Clark Technical
College)

School of Nursing

Bachelor of Science in Nursing

Seventeen candidates

Maralyn Joy Bevilaqua, Columbus
(RN) (King Edwards VII Hospital,
England)
Diane Eleftherakis Derocher,
Lexington, Mass.
(RN) (Newton-Wellesley Hospital)
Terry Leota Edwards, Grove City
John Henry Gerken, Convoys
Deborah Lynn Gordon, Wooster
Melissa Lee Greiner, Bethesda, Md.
Nancy Ann Huber, Canton
Jeffrey Paul Lohrer, Springfield
Diane Marie Marina, Tiffin
Deborah Sue Martz, Atwater
Kathryn Ann Mehoick, Johnstown
Mary Elizabeth Rich, Youngstown
Kathleen Mary Scrivens, Medina
Vicki Lynn Sheridan, Lorain
Steven Ray Sunderland, Spencerville
Ruth Ann Syljebeck, Columbus
Joan Fuzajon Wabschall, North Canton

College of Optometry

Dean: Frederick W. Hebbard

Doctor of Optometry

One candidate

Terence Grail Templeton, Vermilion

College of Pharmacy

Dean: Albert H. Soloway

Bachelor of Science in Pharmacy

Two candidates

George Bachus Perdue, III, Columbus
Debra E. Trewiler Shaw, Coshocton

College of Social Work

Dean: Robert O. Washington

Bachelor of Science in Social Welfare

Four candidates

Sandra S. Bonham, Ottawa
Shelley Kautner, Columbus
Janis Lynn Paige, Fort Lee, N. J.
David Earl Wenger II, Lorain

Graduates with Honors

Summa Cum Laude

John Baar, Reed City, Mich.
Christine M. Clark, Miamisburg
Diane Eleftherakis Derocher,
Lexington, Mass.
Jan Elsley, Grove City
Mary Gardner Hoskins, Canal Winchester
Jerry Lee Kerr, Bellefontaine
Linda Lopez, Huron
Eileen Marie Norton, Carey
Susan Catherine Ohmer, Cincinnati
John Slagle, Gallon

Summa cum laude with distinction in
Animal Science

Betty Jo Moravick, St. Clairsville

Summa cum laude with distinction in
Resource Development

David Guy Mann, Parma

Summa cum laude with distinction in the
Liberal Arts

Beth Florence Wigen, Columbus

Cum Laude

Maralyn Joy Bevilaqua, Columbus
Janet Marie Blechschmidt, Ashland
Bonnie Sue Blumenthal, Miami, Fla.
David Louis Braun, Columbus
Jan Christman, Deshler
Karen Ann Culler, Mansfield
Richard Harris Drucker, Beachwood
Bonni Elizabeth Elewski, Akron
Janet Lee Fagert, Cuyahoga Falls
Mary Elizabeth Gins, Columbus
Nancy Grandstaff Garish, Columbus
Linda Sue Hattery, Middletown
Richard Hill, Parma
Beverly Jean Honeyford, Delphos
John Paul Jones, Franklin
Nancy Shett Kersell, Columbus
Charles Krallman, New Albany
Linda Sue Lovejoy, Defiance
Susan M. Lucarelli, Columbus
Debra Mahoney, Columbus
David Wayne Meredith, Columbus
Richard Olin Michael, New Madison
Mark Joseph Monday, Findlay
Burke Wade Perry, Kettering
Valerie Ann Petrushka, Fort Worth, Tex.
Joni Kuhn Prenosil, Streetsboro
Jane Ann Roof, Canton
Gale Ann Schenke, Columbus
Anne Slaby, Parma
John Mark Starbey, Dublin
Mitchell Szwed, Grosse Point, Mich.
Sharon Dee Turner, Columbus
Denise Hofer Wannemacher, Findlay
Marcia Ahrens White, Mt. Vernon
Lora Roseann Wise, Columbus
Joel Leon Zureich, Columbus

Cum laude with distinction in
Animal Science

Paul Wilson Buck, Columbus

Cum laude with distinction in English

Diana L. Evenson, Columbus

Cum laude with distinction in Journalism
with honors in the Liberal Arts

Leigh Hermance, Columbus

With distinction in Anthropology

Robert Mark Randal Waterworth, Dayton

With honors in the Liberal Arts

Mary Beth Hutchison, Chesterland

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

Columbus, Ohio, September 8, 1978

The Board of Trustees met at its regular monthly meeting on Friday, September 8, 1978, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Patricia D. James, Vice Chairman, John L. Gushman, Warren J Smith, John D. Jacob, D. James Hilliker, and John F. Havens.

* * *

Minutes of the last meeting were approved.

* * *

September 8, 1978 meeting, Board of Trustees

The Acting Chairman, Mrs. Patricia D. James, called the meeting of the Board of Trustees to order at 11:45 a.m. She requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering disputes involving the University that are the subject of imminent court action.

Present: Mrs. Patricia D. James, Acting Chairman, John L. Gushman, Warren J Smith, John D. Jacob and D. James Hilliker.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

RESOLUTIONS IN MEMORIAM

Resolution No. 79-20

Synopsis: Resolutions honoring the service of two of this University's faculty members who have recently died.

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.

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

Floyd J. Ruble

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 12, 1978 of Floyd J. Ruble, Assistant Professor Emeritus, Department of Agricultural Education.

Mr. Ruble was born September 16, 1899 in Highland County, Ohio. He graduated from the Hillsboro High School and attended Miami University for two years. During the next two years he was a teacher in the Buford, Ohio, School and served also as a principal the second year.

In 1924, Mr. Ruble received his Bachelor of Science in Agriculture degree with a major in agricultural education at The Ohio State University. He was a recipient of the Master's degree in 1930, also at Ohio State.

Mr. Ruble began his service in vocational agriculture as a teacher in the Carey, Ohio, School in 1924 and continued in such work in the Grove City High School in 1925. In this assignment he was also a cooperating teacher with the Department of Agricultural Education to direct the work of student teachers. He served in this capacity as a non-resident faculty member until 1941. For the next two years he had a special responsibility with the State of Ohio Department of Education in Food Production War Training.

September 8, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Floyd J. Ruble (contd)

From 1944 until his retirement in 1968, Mr. Ruble was an Assistant State Supervisor of Vocational Agriculture and associated with the Department of Agricultural Education as an Assistant Professor. His primary responsibility was supervising teachers in eastern Ohio. Mr. Ruble was highly respected by teachers and colleagues. He was thorough, practical and fair. He was a national leader in the development of special programs for young farmers and exerted considerable leadership in furthering the efforts of junior fairs in Ohio.

Mr. Ruble was a member of the American Vocational Association, the Ohio Vocational Association, the Ohio Vocational Agricultural Teachers Association, Alpha Zeta, Gamma Sigma Delta, the Grange and Masonic Lodge. He was a very active participant in his church as a teacher and chairman of the board.

On behalf of the University, the Board of Trustees expresses to the family its deepest 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.

Grant L. Stahly

The Board of Trustees of The Ohio State University expresses its great sorrow upon the untimely death July 27, 1978 of Grant L. Stahly, Professor Emeritus in the Department of Microbiology.

Professor Stahly devoted 31 years to the teaching and research of microbiology at The Ohio State University until his retirement in 1966. During the years 1957-63 he served as Assistant Dean in the College of Arts and Sciences. He received his Bachelor of Science degree from the University of Nebraska in 1923, the Master of Science degree from the University of Michigan in 1925, and the Ph.D. degree from Iowa State University in 1935. He was a member of the Sigma Xi honorary society, and several scientific societies including the American Society for Microbiology in which he held office as Director of Local Branches and Chairman, Division of Agricultural and Industrial Bacteriology. He was awarded a Fulbright Fellowship for teaching and spent the academic year 1952-53 in Egypt.

Professor Stahly in addition to teaching a general microbiology course to undergraduate students also advised many graduate students. He played a prominent role in research including microbiological assay of vitamins, chemical structure of bacterial polysaccharides, mutational effects of radioisotopes and associated problems, production of radioactive antigens for use as tracers, and utilization of purified synthetic hydrocarbons by bacteria. After retiring, he taught three years at Malone College where he also served as chairman of the board of trustees and was honored at convocation on January 8, 1973 and presented the Distinguished Service Award.

September 8, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Grant L. Stahly (contd)

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

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**MODIFICATION IN THE DESIGNATION OF "THE HELEN C. KURTZ CHAIR
IN RADIOLOGY" TO "THE HELEN C. KURTZ CHAIR IN NEUROLOGY"**

Resolution No. 79-21

Synopsis: Modification in the designation of "The Helen C. Kurtz Chair in Radiology" to "The Helen C. Kurtz Chair in Neurology" is proposed.

WHEREAS "The Helen C. Kurtz Chair in Radiology" was established September 6, 1974; and

WHEREAS after careful thought and discussion with the donors, it was decided that the chair be designated "The Helen C. Kurtz Chair in Neurology"; and

WHEREAS support for "The Helen C. Kurtz Chair in Neurology" shall be for teaching in neurology, the enhancement of research in neurology and for development of clinical learning experiences in neurology, but is not necessarily limited to these three areas of neurology; and

WHEREAS "The Helen C. Kurtz Chair in Neurology" will be funded from gifts made by Ralph W. and Helen C. Kurtz of Tampa, Florida:

NOW THEREFORE

BE IT RESOLVED, That "The Helen C. Kurtz Chair in Radiology" be designated "The Helen C. Kurtz Chair in Neurology" and that the conditions for funding be in accordance with the wishes of the donor.

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

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September 8, 1978 meeting, Board of Trustees

**ESTABLISHMENT OF THE BLISS M. AND MILDRED A. WIANT DESIGNATED
PROFESSORSHIP IN CHINESE LITERATURE AND CULTURE**

Resolution No. 79-22

Synopsis: A designated professorship is being proposed.

WHEREAS this Board of Trustees has by prior action established guidelines for the establishment of designated professorships at The Ohio State University; and

WHEREAS Bliss M. Wiant has devised by his last Will his interest and Mildred A. Wiant will, by lifetime gift, give to the University their extensive Chinese Collection for the purpose of establishing a designated professorship; and

WHEREAS the occupant of this designated professorship will hold an appointment in one of the major disciplines in the College of Humanities or the College of the Arts and the duties will be to teach and promote growth and development of Chinese studies at The Ohio State University:

NOW THEREFORE

BE IT RESOLVED, That "The Bliss M. and Mildred A. Wiant Designated Professorship in Chinese Literature and Culture" be established in accordance with the terms of the donors wishes.

Upon motion of Mr. Smith, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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NAMING OF BUILDING

Resolution No. 79-23

Synopsis: Naming of Newark Campus-Phase III is proposed.

WHEREAS pursuant to the 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 Newark Campus-Phase III be named Adena Hall:

NOW THEREFORE

September 8, 1978 meeting, Board of Trustees

NAMING OF BUILDING (contd)

BE IT RESOLVED, That the above described building be named in accordance with the President's recommendation.

Upon motion of Dr. Jacob, seconded by Mr. Gushman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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CAPITAL IMPROVEMENT REQUEST FOR 1979-1985

(Amendment to Board Resolution No. 78-132)

Resolution No. 79-24

Synopsis: The Capital Budget Request for 1979-85, approved by the Board on June 8, 1978, is presented for amendment.

WHEREAS the radiation therapy facilities of University Hospitals require major improvements to meet existing patient care needs; and

WHEREAS the University's roles as a major tertiary treatment center for Ohio, and as a Comprehensive Cancer Center of the National Cancer Institute must be supported by radiation therapy facilities of high quality:

NOW THEREFORE

BE IT RESOLVED, That the University's Capital Budget Request for 1979-85 be amended to include a request to improve and expand the radiation therapy facilities in University Hospital.

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

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PERSONNEL ACTIONS

Resolution No. 79-25

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the July 21, 1978 meeting of the Board, including the following Appointments,

September 8, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary, Professional Improvement Leaves and Emeritus Titles as detailed in the University Budget for 1978-79 be approved.

Appointments

Name: FRANK W. HALE, JR.
Title: Vice Provost for Minority Affairs
Office: Academic Affairs
Effective: October 1, 1978
Salary: \$40,920.00
Present Positions: Associate Dean, Graduate School and Professor, Department of Communications

Name: RONALD A. WRIGHT
Titles: Associate Dean, College of Veterinary Medicine and Professor, Department of Veterinary Clinical Sciences
Effective: October 1, 1978
Salary: \$38,040.00
Present Positions: Director, Project Development Assistance Division, The Ohio State University Research Foundation and Assistant Professor, Department of Veterinary Clinical Sciences

Name: LEE J. WHITE
Titles: Professor and Acting Chairman
Department: Computer and Information Science
Effective: September 1, 1978
Salary: \$32,868.00
Present Position: Associate Professor, Departments of Computer and Information Science and Electrical Engineering

Leaves of Absence Without Salary

CHARLES WILLIAM KERN, Professor, Department of Chemistry, effective October 1, 1978 through September 30, 1979, for an appointment as program officer in quantum chemistry with National Science Foundation.

GWENDOLYN C. GILBERT, Associate Professor, School of Social Work, effective October 1, 1978 through September 30, 1979, to serve as Director for the Center for Change and Leadership at the Columbus Urban League.

MARTHA C. MAAS, Associate Professor, School of Music, effective October 1, 1978 through September 30, 1979, to complete manuscript for book on the role of stringed instruments on musical life of ancient Greece.

BOSTWICK F. WYMAN, Associate Professor, Department of Mathematics, effective October 1, 1978 through September 30, 1979, to spend a year as a visiting associate professor of electrical engineering at the University of Notre Dame.

September 8, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

DAVID R. DI MARTINO, Assistant Professor, Department of Geography (Marion Campus), effective October 1, 1978 through September 30, 1979, to accept a one-year appointment with the Center for Applied Urban Research at the University of Nebraska.

ROBERT JAY DONIA, Assistant Professor, Department of History (Lima Campus), effective October 1, 1978 through December 31, 1978, to participate in a research grant from the American Council of Learning Societies.

KEITH R. EBERHARDT, Assistant Professor, Department of Statistics, effective October 1, 1978 through September 30, 1979, to work as a postdoctoral research associate at the National Bureau of Standards, Gaithersburg, Maryland.

DUN-MOW HONG, Assistant Professor, Department of Economics (Lima Campus), effective October 1, 1978 through December 31, 1978, for personal reasons.

GEORGE E. MASON, Assistant Professor, Department of Civil Engineering, effective July 1, 1978 through September 30, 1979, to conduct research, serve as consultant and gain industrial experience with Guy F. Atkinson Company, San Francisco, California.

MARY C. MITCHELL, Assistant Professor, Department of Human Nutrition and Food Management, effective October 1, 1978 through December 31, 1978, to pursue a professional development program.

FRANCES S. NEWMAN, Assistant Professor, Department of Classics (Lima Campus), effective October 1, 1978 through September 30, 1979, to further her research on the study of Pindar at University of California, Berkeley, California.

PATRICIA ALLEN DAVIS, Instructor, Department of English, effective October 1, 1978 through September 30, 1979, for personal reasons.

CAROL W. KENNEDY, Instructor, School of Nursing, effective July 1, 1978 through September 30, 1978, to pursue a professional improvement program.

PENELOPE A. REIGHART, Instructor, Department of Home Economics Education, effective September 1, 1978 through June 30, 1979, to pursue a professional development program.

NANCY ANN RUDD, Instructor, Department of Textiles and Clothing, effective October 1, 1978 through September 30, 1979, to fulfill the residency requirement of the Ph.D. program in curriculum and foundations, College of Education.

September 8, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

GARY C. SANGER, Instructor, Academic Faculty of Finance, effective October 1, 1978 through September 30, 1979, to complete his Ph.D. dissertation at Purdue University.

Professional Improvement Leaves

WILLIAM LYCAN, Professor, Department of Philosophy, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

K. AUSTIN KERR, Associate Professor, Department of History, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

Emeritus Titles

EVAN KENNETH ALBAN, Department of Horticulture, with the title Professor Emeritus, effective October 1, 1978.

HERBERT L. COON, Academic Faculty of Science-Mathematics Education, with the title Professor Emeritus, effective September 1, 1978.

ALEXANDER FRAZIER, Academic Faculty of Early and Middle Childhood Education, with the title Professor Emeritus, effective September 1, 1978.

BUFORD E. GATEWOOD, Department of Aeronautical and Astronautical Engineering, with the title Professor Emeritus, effective September 1, 1978.

ERNEST E. GOOD, School of Natural Resources, with the title Professor Emeritus, effective October 1, 1978.

FRANCIS B. MC CORMICK, Department of Agricultural Economics and Rural Sociology, with the title Professor Emeritus, effective September 1, 1978.

ROBERT H. SCHOENE, Department of Medicine, with the title Professor Emeritus, effective July 1, 1978.

JOSEPH W. SPRETNAC, Department of Metallurgical Engineering, with the title Professor Emeritus (awarded posthumously), effective July 1, 1978.

LURA JANE STEWART, Academic Faculty of Humanities Education, with the title Associate Professor Emeritus, effective September 1, 1978.

ESCO SARKKINEN, School of Health, Physical Education and Recreation, with the title Assistant Professor Emeritus, effective July 1, 1978.

September 8, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

VIVIAN E. STEAHLY, Department of English (Lima Campus), with the title Assistant Professor Emeritus, effective July 1, 1978.

Upon motion of Mr. Gushman, seconded by Mr. Smith, 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. 79-26

Synopsis: The report on contracts, grants and gifts and the summary for July is 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 Office of Business and Administration of the University, 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 agreements 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 Office of Business and Administration, the Engineering Experiment Station and The Ohio State University Development Fund during the month of July, 1978, be approved.

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

President Enarson called on Dr. Kenneth Sloan, Executive Director of The Ohio State University Research Foundation, to comment on the annual summary for that organization.

Dr. Sloan then presented an accrual summary of the Research Foundation activities for the past year. He noted that approximately \$48 million was received for the fiscal year 1977-78 for sponsored research and programs at The Ohio State University. A comparison with the previous year shows that this figure represents an increase of about \$19.5 million. This comparison must be made with some care since there was a transfer of responsibility for the administration of certain grants and programs from the Office of Business and Administration to the Research Foundation. Dr. Sloan reviewed some of the larger grants which have been received over the past year that have contributed to the upward trend of the sponsored programs and/or research.

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR JULY 1978

Source	No. of Projects	Support Level
Office of Business and Administration	16	\$1,715,578.11
The Ohio State University Research Foundation	74	4,991,404.00
Engineering Experiment Station	5	211,872.00
		\$6,918,854.11
The Ohio State University Development Fund	1,542 Donors	\$1,101,958.65
Establishment of Named Funds		
George R. Havens Memorial Awards (Department of Romance Languages)		\$10,000.00
The Karl P. Klassen Lecture and Research Fund (Department of Surgery)		5,679.00
The Joseph W. Spretnak Memorial Scholarship Fund (Department of Metallurgical Engineering)		5,000.00
The College of Medicine Alumni Society Fund (College of Medicine)		1,500.00

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

ANNUAL SUMMARY

(July 1, 1977 - June 30, 1978)

OFFICE OF BUSINESS AND ADMINISTRATION

Sponsor	1976-1977		1977-1978		% Change from 1976-77
	No. of Projects	Level of Support	No. of Projects	Level of Support	
FEDERAL					
Student	20	\$13,474,906.00	23	\$ 8,325,862.00	(38)
Training	90	4,761,749.00	29	2,786,099.00	(41)
Construction	0	-0-	1	1,681,875.75	100
TOTAL - FEDERAL	110	\$18,236,655.00	53	\$12,793,836.75	(30)
STATE OF OHIO	50	\$ 4,165,635.59	27	\$ 1,500,504.96	(64)
INDUSTRIAL AND OTHER NON- FEDERAL	71	\$ 1,034,898.49	26	\$ 480,548.75	(54)
GRAND TOTAL	231	\$23,437,189.08	106	\$14,774,890.46	(37)

(Effective January 1, 1977 administrative responsibilities for sponsored programs was transferred to The Ohio State University Research Foundation.)

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

ANNUAL SUMMARY

(July 1, 1977 - June 30, 1978)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Sponsor	1976-1977		1977-1978		% Change from 1976-77
	No. of Projects	Level of Support	No. of Projects	Level of Support	
FEDERAL					
Department of Energy*	12	\$ 1,008,516.00	12	\$ 1,117,760.00	11
National Aeronautics and Space Administration	22	689,838.00	20	745,476.00	8
National Science Foundation	83	3,981,500.00	107	3,877,436.00	(3)
Department of Defense	102	4,382,431.00	75	3,979,157.00	(9)
Health, Education and Welfare	137	10,754,742.00	200	18,393,990.47	71
Other Federal	42	3,360,040.00	62	11,455,380.00	241
TOTAL - FEDERAL	398	\$24,177,067.00	476	\$39,569,199.47	64
STATE OF OHIO	23	\$ 680,517.00	47	\$ 1,481,604.20	118
INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL SPONSORS	172	\$ 3,329,271.19	228	\$ 6,555,930.42	97
GRAND TOTAL	593	\$28,186,855.19	751	\$47,606,734.09	69

*Amount of support received from Department of Energy in Fiscal Year 1977-78 is compared with amount of support received from Energy Research and Development Administration in Fiscal Year 1976-77.

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

ANNUAL SUMMARY

(July 1, 1977 - June 30, 1978)

ENGINEERING EXPERIMENT STATION

Sponsor	1976-1977		1977-1978		% Change from 1976-77
	No. of Projects	Level of Support	No. of Projects	Level of Support	
FEDERAL	30	\$ 143,367.00	11	\$ 127,979.00	(11)
STATE OF OHIO	25	505,218.00	18	496,001.00	(2)
INDUSTRIAL AND OTHER NON-FEDERAL	365	810,318.00	441	884,539.00	9
GRAND TOTAL	420	\$1,458,903.00	470	\$1,508,519.00	3

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

ANNUAL SUMMARY

(July 1, 1977 - June 30, 1978)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Sponsor	1976-1977		1977-1978		% Change from 1976-77
	No. of Donors	Level of Support	No. of Donors	Level of Support	
ANNUAL GIVING					
Direct Mail	7,804	\$ 145,833.76	4,751	\$ 110,323.74	(24)
Annals	13,221	283,053.07	12,493	337,009.06	19
Miscellaneous	16,233	393,833.04	27,812	680,951.11	73
Community Campaigns	2,673	35,863.00	1,712	22,323.75	(38)
Corporate Matching Gifts	179	71,699.25	171	95,238.18	33
TOTAL	40,110	\$ 930,282.12	46,939	\$ 1,245,845.84	34
MAJOR RESOURCES					
Deferred Gifts	49	\$1,426,906.14	40	\$ 2,322,854.52	63
Major Individuals	1,082	2,476,535.64	1,561	2,057,570.21	(17)
Corporate	1,072	2,137,452.69	1,822	3,290,490.55	54
Foundations	726	2,829,264.42	734	1,628,433.90	(42)
TOTAL	2,929	\$8,870,158.89	4,157	\$ 9,299,349.18	5
GRAND TOTAL	43,039	\$9,800,441.01	51,096	\$10,545,195.02	8

September 8, 1978 meeting, Board of Trustees

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Research Contracts/Grants

\$124,567.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Manpower Training Support, Bethesda, Maryland, for Health Professions Student Loans, College of Medicine, Student Financial Aids (R. J. Harrison), July 1, 1978 through June 30, 1979. (I. D. No. 5L390071-79, Former No. 1 7 45 0430 15 1)

\$97,344.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Manpower Training Support, Bethesda, Maryland, for Health Professions Student Loans, College of Dentistry, Student Financial Aids (R. J. Harrison), July 1, 1978 through June 30, 1979. (I. D. No. 5L390075-79, Former No. 2 7 45 0430 15 1)

\$45,526.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Manpower Training Support, Bethesda, Maryland--\$25,526.00 for Nursing Scholarships, July 1, 1978 through June 30, 1980; and \$20,000.00 for Nursing Student Loans, July 1, 1978 through June 30, 1979, School of Nursing, Student Financial Aids (R. J. Harrison). (I. D. No. 5L390029-79, Former No. B 7 45 0430 15 1)

\$12,500.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., for Instructional Equipment Grants Program (Closed Circuit Television Equipment), Teaching Aids Laboratory (W. E. Biemesderfer), June 28, 1978 through June 30, 1979. (Grant No. J007801755)

\$4,702.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Manpower Training Support, Bethesda, Maryland--\$2,545.00 for Nursing Student Loans, July 1, 1978 through June 30, 1979; and \$2,157.00 for Nursing Scholarships, July 1, 1978 through June 30, 1980, School of Nursing, Student Financial Aids (R. J. Harrison). (I.D. No. 5L390068-79, Former No. B 7 45 0430 15 1)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$284,639.00**

State of Ohio Research Contracts/Grants

\$720,795.65 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for Teacher Education and Instructional Supervision in Trade and Industrial Education, Academic Faculty of Vocational-Technical Education (A. J. Miller), July 1, 1978 through June 30, 1979.

\$239,498.60 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for Teacher Education and Instructional Supervision in Distributive Education, Academic Faculty of Vocational-Technical Education (A. J. Miller), July 1, 1978 through June 30, 1979.

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$114,741.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for Adjunct Instructor in Adult Basic Education, Academic Faculty of Vocational-Technical Education (A. J. Miller), September 1, 1978 through August 31, 1979.

\$112,010.74 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for Instructional Supervision in Vocational Guidance, Academic Faculty of Vocational-Technical Education (A. J. Miller), July 1, 1978 through June 30, 1979.

\$89,597.12 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for Teacher Education and Instructional Supervision in Business Education, Academic Faculty of Vocational-Technical Education (A. J. Miller), July 1, 1978 through June 30, 1979.

\$73,000.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for Vocational Education Curriculum Materials, Academic Faculty of Vocational-Technical Education (A. J. Miller), July 1, 1978 through June 30, 1979.

\$36,000.00 - State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, for Environmental Evaluation of a Nuclear Power Plant on Lake Erie, College of Biological Sciences, Center for Lake Erie Area Research (CLEAR) (C. E. Herdendorf), July 1, 1978 through June 30, 1979.

\$17,000.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for Distributive Education Curriculum Development, Academic Faculty of Vocational-Technical Education (A. J. Miller), July 1, 1978 through June 30, 1979.

\$16,040.00 - State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, for Automatic Data Processing for Lake Erie Fisheries Information, College of Biological Sciences, Center for Lake Erie Area Research (CLEAR) (C. E. Herdendorf), July 1, 1978 through June 30, 1979.

\$11,050.00 - State of Ohio, Department of Education, Columbus, Ohio, for Workshops for College of Education Faculty, College of Education (D. P. Anderson), September 1, 1978 through December 31, 1978.

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$1,429,733.11

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

Industrial, Private, and Other Non-Federal Research Contract/Grant

\$1,206.00 - Canada Employment and Immigration Commission, Ottawa, Ontario, Canada, for Technical Assistance for Job Analysis Seminar, The National Center for Research in Vocational Education (R. E. Taylor), March 1, 1978 through March 31, 1978.

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$1,373,445.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Cancer Center Support Grant, Cancer Research Center, Office of Health Sciences (D. S. Yohn), 1 July 1978 through 30 June 1979. (Project 763976 - Continuation)

\$552,038.00 - Environmental Protection Agency, Washington, D. C., The Clinical Pharmacology and Toxicology of Chlorine Dioxide and its Products: A Comparison of Tolerance and Safety in Animals and Human Volunteers, Department of Pharmacology (J. R. Bianchine and D. Couri), 14 July 1978 through 13 July 1979. (Project 761194 - New)

\$472,627.00 - Department of Health, Education and Welfare, Public Health Service, Bureau of Community Health Services, Rockville, Maryland, Nutritional Status of Functionally Retarded Children, Nisonger Center for Mental Retardation (B. A. Whittle), 1 July 1978 through 30 June 1979. (Project 711206 - Continuation)

\$206,964.00 - Department of Transportation, Federal Highway Administration, Washington, D. C., Fundamental Studies in Automated Vehicle Control, Department of Electrical Engineering (R. E. Fenton), 31 January 1978 through 15 May 1980. (Project 784712 - Continuation)

\$180,985.00 - Department of Health, Education and Welfare, Office of Human Development, Region V, Office of Rehabilitation Services, Chicago, Illinois, Traineeships in Rehabilitation Services, Department of Physical Medicine (E. W. Johnson), 1 July 1978 through 30 June 1979. (Project 711283 - Continuation)

\$98,108.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, General Aviation Low-Speed Airfoil Design and Development Service, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek), 1 June 1978 through 29 June 1979. (Project 784487 - Continuation)

\$94,300.00 - National Science Foundation, Washington, D. C., Wear and Friction of Metallic Materials, Department of Metallurgical Engineering (D. A. Rigney), 1 September 1978 through 31 August 1979. (Project 711352 - New)

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$94,121.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Clinical Research Center, Department of Medicine (H. G. Cramblett and J. M. George), 1 December 1977 through 30 November 1978. (Project 761196 - Continuation)

\$88,989.00 - Department of Health, Education and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, Rockville, Maryland, Pathomechanism of Temperature-Chemical Carcinogenesis, Department of Physiology (H. S. Weiss), 14 July 1978 through 14 July 1980. (Project 711164 - New)

\$88,217.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Enzyme Catalysis of Electron and Group Transfer, Department of Chemistry (P. A. Frey), 1 July 1978 through 30 June 1979. (Project 711267 - Continuation)

\$79,964.00 - National Endowment for the Humanities, Washington, D. C., The Letters of Nathaniel Hawthorne, Department of English (L. N. Smith), 1 July 1978 through 30 June 1980. (Project 711249 - New)

\$74,626.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, A Cancer Center Epidemiology Biostatistic Unit, Cancer Research Center, Office of Health Sciences and Department of Preventive Medicine (M. D. Keller) and Cancer Research Center, Office of Health Sciences (D. S. Yohn), 1 July 1978 through 30 June 1979. (Project 711310 - Continuation)

\$65,820.00 - Department of Labor, Washington, D. C., Maximizing CETA Goal Achievement Through Prime Sponsor Management Systems: A Supplement, Department of Political Science (R. Ripley), 1 March 1978 through 28 February 1979. (Project 784055 - Continuation)

\$62,824.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., A Study of Alternative Computer Architectures for System Reliability and Software Simplification, Department of Electrical Engineering (K. J. Breeding), 1 August 1978 through 31 October 1979. (Project 784778 - Continuation)

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$60,461.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Amphetamine, Monoamines, and Behavior, College of Pharmacy (N. J. Uretsky), 1 July 1978 through 30 June 1979. (Project 711295 - New)

\$56,003.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Cardio-Respiratory-Renal Stress Reactions, Department of Psychiatry (S. A. Corson), 1 July 1978 through 30 June 1979. (Project 711292 - New)

\$53,688.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Graduate Training in Biochemical Neuro-pathology, Department of Medicine (J. N. Allen), 1 July 1978 through 30 June 1979. (Project 711219 - Continuation)

\$53,564.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Associated Health Professions, Hyattsville, Maryland, Clinical Education Coordination, School of Allied Medical Professions (F. M. Pierson), 1 July 1978 through 30 June 1979. (Project 711284 - Continuation)

\$53,460.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Traineeships, Other Graduate Programs (Formula), School of Allied Medical Professions (G. O. Johnson), 1 July 1978 through 30 June 1979. (Project 711316 - New)

\$52,264.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Conduct Investigation of Clinical Pharmacology of Potential Anticancer Agents, College of Pharmacy (L. Malspeis) and Department of Medicine (J. A. Neidhart), 23 June 1978 through 22 December 1978. (Project 784210 - Continuation)

\$51,463.00 - Department of Health, Education and Welfare, Public Health Service, National Institute on Drug Abuse, Rockville, Maryland, Testing of Drug Delivery System for Use in the Treatment of Narcotic Addiction, College of Pharmacy (R. H. Reuning), 28 June 1978 through 27 June 1979. (Project 783715 - Continuation)

\$50,544.00 - National Science Foundation, Washington, D. C., Investigations into the Use of Higher Types, Set Theoretic Undefinability, and Intuitionistic Semantics, Department of Mathematics (H. M. Friedman), 1 July 1978 through 30 June 1981. (Project 711346 - New)

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$50,511.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Functional Characteristics of Pulmonary Vascular Smooth Muscle, Department of Physiology (H. P. Pieper), 1 July 1978 through 30 June 1979. (Project 711301 - New)

\$48,801.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, The Development of Precerebellar Nuclei, Department of Anatomy (J. S. King), 1 July 1978 through 30 June 1979. (Project 711302 - Continuation)

\$46,400.00 - National Science Foundation, Washington, D. C., Phase Transition in Solid Hydrogen Alloys and Other Disordered Systems, Department of Physics (J. R. Gaines), 1 July 1978 through 30 June 1979. (Project 711296 - New)

\$45,966.00 - National Science Foundation, Washington, D. C., Equipment - For Programs in Engineering Fracture Mechanics and the Mechanics of Low Temperature Fatigue, Department of Engineering Mechanics (T. G. Richard), 1 July 1978 through 31 December 1979. (Project 711341 - New)

\$45,361.00 - National Science Foundation, Washington, D. C., Wave Properties of Heterogeneous Materials, Department of Physics (R. L. Mills, J. Korringa, and D. G. Stroud), 15 July 1978 through 31 July 1979. (Project 711298 - Continuation)

\$45,200.00 - National Science Foundation, Washington, D. C., Carbenic Processes, Department of Chemistry (H. Shechter), 1 August 1978 through 31 July 1979. (Project 710700 - Continuation)

\$38,202.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, A New Method for Analysis of Coronary Artery Behavior, Department of Surgery (T. E. Williams and J. F. Cornhill), 1 July 1978 through 30 June 1979. (Project 711315 - New)

\$34,700.00 - National Science Foundation, Washington, D. C., Principles of Metal Erosion Resistance, Department of Metallurgical Engineering (P. G. Shewmon), 1 August 1978 through 31 July 1979. (Project 711349 - New)

\$31,700.00 - National Science Foundation, Washington, D. C., Equipment for Spectral Analysis Ultrasonic Pulses, Department of Engineering Mechanics (K. F. Graff), 15 July 1978 through 31 December 1979. (Project 711345 - New)

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$31,170.00 - National Science Foundation, Washington, D. C., Electron Microscopy of Fossil Pollen and Spores, Department of Botany (T. N. Taylor), 1 August 1978 through 31 July 1979. (Project 710698 - Continuation)

\$30,000.00 - National Science Foundation, Washington, D. C., Interactions of Chloroplast Membrane Proteins, Department of Biochemistry (E. L. Gross), 1 July 1978 through 30 June 1979. (Project 711297 - New)

\$29,651.00 - International Communication Agency, Office of Foreign Information Research Division, Washington, D. C., News of the United States in the Yugoslav Press, School of Journalism (L. B. Becker and P. S. Underwood), 1 July 1978 through 31 March 1979. (Project 711211 - New)

\$28,000.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, High Energy Physics Studies, Department of Physics (T. A. Romanowski), 1 February 1978 through 31 January 1979. (Project 710041 - Continuation)

\$27,795.00 - Department of Health, Education and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Research Training, Developmental Psychobiology, Department of Psychology (D. R. Meyer), 1 July 1978 through 30 June 1979. (Project 711250 - Continuation)

\$25,000.00 - National Science Foundation, Washington, D. C., Halogenation Reactions of Group IB Atoms Using Molecular Beams and Spectroscopic Detection, Department of Chemistry (J. M. Parson), 1 September 1978 through 31 August 1979. (Project 784526 - New)

\$25,000.00 - Department of the Navy, Naval Regional Procurement Office, Long Beach, California, Asymptotic High Frequency Techniques for UHF and Above Antennas, ElectroScience Laboratory, Department of Electrical Engineering (C. H. Walter), 1 August 1978 through 31 July 1979. (Project 784508 - Continuation)

\$25,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Problems of Statistical Inference with Special Applications, Department of Statistics (J. S. Rustagi), 1 July 1978 through 30 September 1979. (Project 711308 - New)

\$19,372.00 - National Science Foundation, Washington, D. C., Combinatorial Problems of Applied Discrete Mathematics, Department of Mathematics (D. K. Ray-Chaudhuri), 1 July 1978 through 30 June 1979. (Project 710627 - Continuation)

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$17,960.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Associated Health Professions, Hyattsville, Maryland, Medical Technology - Teacher Preparation (M.S.), School of Allied Medical Professions (D. C. Broski), 1 July 1978 through 30 June 1979. (Project 711323 - Continuation)

\$17,869.00 - National Science Foundation, Washington, D. C., Stochastic Processes (Theory and Application), Department of Mathematics (B. Pittel), 1 July 1978 through 30 June 1980. (Project 784731 - Continuation)

\$16,900.00 - National Science Foundation, Washington, D. C., Classification of Bright Giant Stars and Subgiant Stars of Types G, K and M, Department of Astronomy (P. C. Keenan and A. E. Slettebak), 1 September 1978 through 31 August 1979. (Project 711347 - New)

\$16,667.00 - National Science Foundation, Washington, D. C., Equipment: Purchase of a Two Channel Fast Fourier Transform Analyzer, Department of Mechanical Engineering (D. R. Houser), 1 July 1978 through 31 December 1979. (Project 711342 - New)

\$16,200.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunity and Chemical-Viral Carcinogenesis, Department of Veterinary Pathobiology (R. G. Olsen and M. J. Tarr), 1 July 1978 through 30 June 1979. (Project 711369 - New)

\$16,200.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Pathogenesis of Canine Distemper Demyelinating Encephalitis, Department of Veterinary Pathobiology (A. Koestner), 1 August 1978 through 31 July 1979. (Project 711320 - New)

\$16,000.00 - National Aeronautics and Space Administration, Washington, D. C., Ninth Geodesy/Solid-Earth and Ocean Physics (GEOP) Research Conference, Department of Geodetic Science (I. I. Mueller), 1 January 1978 through 30 June 1979. (Project 711022 - New)

\$13,800.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, *In Vivo* Effects of Antimyelin Antibodies and Specific Enzymes in the Pathogenesis of Demyelination, Department of Veterinary Pathobiology (A. Koestner), 1 August 1978 through 31 July 1979. (Project 711321 - New)

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$12,450.00 - National Science Foundation, Washington, D. C., Flavonoid Studies of North American Species of the Genus *Coreopsis*, Department of Botany (D. J. Crawford), 30 June 1978 through 31 July 1979. (Project 710633 - Continuation)

\$11,000.00 - National Science Foundation, Washington, D. C., Representations by Integral Quadratic Forms, Department of Mathematics (J. S. Hsia), 1 July 1978 through 30 June 1979. (Project 710638 - Continuation)

\$8,721.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Numerical Approximation for Time-Dependent Nonlinear Partial Differential Equations, Department of Mathematics (R. Ewing), 1 July 1978 through 30 June 1980. (Project 711244 - New)

\$8,265.00 - National Science Foundation, Washington, D. C., Summability Methods for Sequences of Functions Arising in Diophantine Approximation and Ergodic Theory, Department of Mathematics (J. M. Rosenblatt), 1 July 1978 through 30 June 1979. (Project 711300 - New)

\$7,062.00 - National Science Foundation, Washington, D. C., Library-Type Markov Chains, Department of Statistics (P. R. Nelson), 1 July 1978 through 30 June 1979. (Project 711299 - New)

\$7,001.00 - National Science Foundation, Washington, D. C., Workshop on the Role of Fluid Mechanics in Atherogenesis, Department of Aeronautical and Astronautical Engineering (R. M. Nerem) and Department of Surgery (J. F. Cornhill), 1 July 1978 through 31 December 1978. (Project 711344 - New)

\$4,800.00 - National Science Foundation, Washington, D. C., Action of Estrogen and Testosterone in the Ovarian Follicular Atresia, Department of Veterinary Physiology and Pharmacology (S. Saiduddin), 1 July 1978 through 31 August 1979. (Project 710730 - Continuation)

\$4,417.00 - Department of Energy, Brookhaven National Laboratory, Associated Universities, Inc., Upton, Long Island, New York, Study of Repair Mechanisms in Carcinogenesis, Department of Radiology (R. W. Hart), 1 July 1978 through 31 August 1978. (Project 784250 - Continuation)

\$2,000.00 - National Endowment for the Humanities, Washington, D. C., As I Remember: A Radio Series on Virginia Woolf, Telecommunications Center, Office of Educational Services (E. Young), 1 January 1979 through 30 June 1979. (Project 711350 - New)

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$1,000.00 - Department of Agriculture, Forest Service, Wayne-Hoosier National Forest, Bedford, Indiana, Survey of Sand Darters in Symmes Creek and Pine Creek, Department of Zoology (R. F. Carline), 26 May 1978 through 1 September 1978. (Project 711236 - New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS \$4,790,616.00

State of Ohio Research Contracts/Grants

\$86,000.00 - State of Ohio, Department of Transportation, Columbus, Ohio, Traffic Control Devices Training Films for Traffic Engineering Personnel, Center for Vocational Education (R. E. Taylor), 1 July 1978 through 30 September 1979. (Project 711289 - New)

\$12,416.00 - State of Ohio, Department of Health, Columbus, Ohio, Development of a Practical Data System for Statewide Surveillance of Perinatal Problems, Department of Preventive Medicine (W. J. Bashe, Jr.), 30 June 1978 through 30 September 1978. (Project 711216 - New)

\$6,442.00 - The Ohio Program in the Humanities, Columbus, Ohio, Community Discussion Series on World Affairs (III): Human Rights in Latin America, Center for International Studies, Office of Academic Affairs (J. S. Adams), 23 June 1978 through 30 June 1979. (Project 711338 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$ 104,858.00

Industrial, Private and Other Non-Federal Research Contracts/Grants

\$15,000.00 - Ohio Lung Association, Columbus, Ohio, Basic Studies in Acute Respiratory Failure Following Severe Hemorrhage, Systemic Sepsis or Both, Department of Surgery (B. D. Lowery), 1 July 1978 through 30 June 1979. (Project 711314 - New)

\$14,970.00 - The Parker B. Francis Foundation, Hanover, New Hampshire, Post Doctoral Fellowship, Department of Physiology (A. L. Kunz), 1 July 1978 through 30 June 1979. (Project 784657 - Continuation)

\$11,764.00 - Wayne State University, Detroit, Michigan, Genes on Mitochondrial DNA, Department of Genetics (P. S. Perlman), 1 June 1978 through 31 August 1978. (Project 784446 - Continuation)

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$10,000.00 - United States Trotting Association, Columbus, Ohio, Equine Viral Rhinopneumonitis: Reinfection, Immunity, and Pathogenesis, Department of Veterinary Clinical Sciences (P. W. Murdick), 1 April 1978 through 31 March 1979. (Project 783911 - Continuation)

\$8,436.00 - University of Dayton, Research Institute, Dayton, Ohio, Evaluation of Rheological Data, Department of Chemical Engineering (R. S. Brodkey and J. L. Zakin), 15 June 1978 through 1 January 1979. (Project 711218 - New)

\$6,770.00 - Ashland Chemical Company, Research and Development Division, Columbus, Ohio, Stereo Electron Micrographic Studies, Department of Geodetic Science (S. K. Ghosh), 1 July 1978 through 31 December 1978. (Project 784507 - Continuation)

\$6,120.00 - Black Horse Pike Regional School District, Blackwood, New Jersey, Comprehensive Study of the School Plant Needs for the Black Horse Pike Regional School District, New Jersey, Academic Faculty of Educational Administration (D. E. Gardner), 1 July 1978 through 30 September 1978. (Project 711294 - New)

\$6,100.00 - Rockwell International Science Center, Thousand Oaks, California, Elastic Wave Scattering by Flaws for Applications in NDR, Department of Engineering Mechanics (V. V. Varadan and V. K. Varadan), 20 March 1978 through 30 September 1978. (Project 711053 - Continuation)

\$6,000.00 - American Cancer Society - Ohio Division, Inc., Cleveland, Ohio, Association of Tumor Viruses with Chromosome, Department of Microbiology (D. H. Dean), 1 June 1978 through 31 May 1979. (Project 711317 - New)

\$5,720.00 - American Cancer Society - Ohio Division, Inc., Cleveland, Ohio, Suppressor Cell Function in Cancer, Department of Microbiology (R. M. Pfister), 1 July 1978 through 30 June 1979. (Project 711343 - New)

\$2,500.00 - Cornell University, Ithaca, New York, Research on Toxocarosis in Dogs, Department of Veterinary Pathobiology (R. P. Herd), 15 June 1978 through 14 September 1978. (Project 711201 - New)

\$1,550.00 - Greater Columbus Arts Council, Columbus, Ohio, Peter and the Wolf: A Dance Production for Television, Telecommunications Center, Office of Educational Services (E. Young), 17 May 1978 through 31 December 1978. (Project 711351 - New)

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$1,000.00 - Central Ohio Heart Chapter, Inc., Columbus, Ohio, A Conference on the Role of Fluid Mechanics in Atherogenesis, Department of Aeronautical and Astronautical Engineering (R. M. Nerem) and Department of Surgery (J. F. Cornhill), 1 August 1978 through 31 October 1978. (Project 711348 - New)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS **\$ 95,930.00**

ENGINEERING EXPERIMENT STATION

State of Ohio Sponsored Research

\$87,067.00 - Public Utilities Commission of Ohio, Columbus, Ohio, for A Study to Analyze Selected Public Policy Issues Dealing with the Regulation of Electric Power and Natural Gas Utilities, Department of Mechanical Engineering, September 21, 1978 through June 30, 1979. (EES 508C, Ext. 3)

\$29,806.00 - Ohio Department of Transportation, Columbus, Ohio, for The Evaluation of Performance of Asphaltic Mixtures with Deleterious Fine Aggregates, Transplex Research Area, July 6, 1978 through July 5, 1979. (EES 584)

TOTAL - STATE OF OHIO SPONSORED RESEARCH **\$ 116,873.00**

Industrial and Other Sponsored Research

\$64,999.00 - Columbia Gas System Service Corporation, Columbus, Ohio, for Terrascan Modification and Testing, Department of Electrical Engineering, June 1, 1978 through May 31, 1979. (EES 582)

\$20,000.00 - Picker Corporation, Highland Heights, Ohio, for Development of a Germanium Gamma Ray Camera System for Nuclear Medicine, Nuclear Engineering Section, June 1, 1978 through July 31, 1978. (EES 534, Ext. 3)

\$10,000.00 - Rockwell International Corporation, Columbus, Ohio, for Developing Storage Reliability Prediction Models, Department of Industrial and Systems Engineering, July 1, 1978 through December 31, 1978. (EES 583)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH **\$ 94,999.00**

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$36,692.00 - Eli Lilly and Company, Indianapolis, Indiana: \$27,787.00 for the Cardiovascular Research-Leier, \$5,600.00 for Lilly Research-Ottolenghi and \$3,305.00 for Lilly-Sokoloski.

\$34,088.52 - Consolidated Business Services, Inc., Columbus, Ohio, for the Department of Medicine General Fund.

\$32,485.76 - Systems Associates, Columbus, Ohio: \$16,936.38 for the Department of Medicine General Fund, and \$15,549.38 for the Cardiology Support Fund.

\$28,000.00 - The Bremer Foundation, Youngstown, Ohio, for the Bremer Foundation Fund.

\$25,000.00 - Grand Aerie Fraternal Order of Eagles, Wilmington, Ohio, for the Cancer Research Center.

\$24,157.82 - Louise Orr Scott Foundation, Columbus, Ohio: \$18,118.37 in memory of William Craig Orr and Mary Black Orr for the William Craig Orr and Mary Black Orr Scholarship in Medicine and \$6,039.45 for the William Craig Orr and Mary Black Orr Scholarship in Pharmacy.

\$19,500.00 - Landmark, Columbus, Ohio, for the Landmark - OARDC Fund.

\$14,153.00 - The University Obstetricians & Gynecologists, Columbus, Ohio (given in the names of Boutselis, Copeland, Essig, Kim, Teteris, Villalon, Williams, Zuspan, Rigsby and Schweizer), for the EPR-OBS Fund.

\$12,731.22 - Richard H. Keates, M.D., Inc., Columbus, Ohio (given in the name of Richard H. Keates, M.D.), for the Eye Bank Fund.

\$12,460.00 - The Procter & Gamble Company, Cincinnati, Ohio: \$6,960.00 for the Procter & Gamble Fellowship Fund in Chemical Engineering and \$5,500.00 for the Procter & Gamble Company Fellowship in Chemistry.

\$11,750.00 - Owens-Corning Fiberglas Corporation, Toledo, Ohio: \$6,250.00 for the Owens-Corning Fiberglas Engineering Scholarship Fund and \$5,500.00 for the Student Athlete Grant-in-Aid Fund.

\$11,018.25 - Mr. and Mrs. Horatio Ebert, Medina, Ohio, for the Cancer Research Fund.

\$10,900.00 - Trust under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund.

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$10,562.50 - Joseph S. Heyman, Toledo, Ohio, for the College of Law Advancement Fund.

\$10,380.63 - Frederick H. Davidorf, M.D., Inc., Columbus, Ohio (given in the name of Frederick H. Davidorf): \$6,852.42 for the Retina Research Fund, \$2,228.21 for the Ophthalmology Photography Fund and \$1,300.00 for the Ophthalmology Art Work Fund.

\$10,000.00 - Daniel W. Bower, Atlanta, Georgia, for the Sphinx 75th Anniversary Gift Fund.

\$10,000.00 - Foundation for Endowment of a Chair at Ohio State University, Inc., New York, New York (given in the name of M. Riklis), for the Meshulam Riklis Chair in Business and Its Environment Fund.

\$10,000.00 - Merrell-National Laboratories, Cincinnati, Ohio, for Parkinson's Disease Research - Bianchine.

\$10,000.00 - Michael's Finer Meats, Columbus, Ohio (given in the name of Michael Bloch), for the Student Athlete Grant-in-Aid Fund.

\$10,000.00 - John Peter Minton, M.D., Columbus, Ohio, for the Cancer Research Fund - Dr. Minton.

\$10,000.00 - Dr. Judith W. Noltmier, Columbus, Ohio, for the Department of Pathology Educational and Research Discretionary Fund.

\$10,000.00 - Select Sires, Inc., Plain City, Ohio (given in the name of Richard H. L. Chichester), for Reproductive Physiology.

\$10,000.00 - Carl E. Speicher, Worthington, Ohio, for the Department of Pathology Educational and Research Discretionary Fund.

\$9,507.94 - Mr. and Mrs. Ralph W. Kurtz, Tampa, Florida: \$4,753.97 for the Helen C. Kurtz Chair in Radiology and \$4,753.97 for the Ralph W. Kurtz Chair in Endocrinology.

\$8,440.00 - Beecham Laboratories, Bristol, Tennessee, for the Clinical Pharmacology Fund.

\$8,223.42 - Estate of Melville S. Saunders, Toronto, Ontario, Canada, for the William G. Pace III Fund.

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$8,000.00 - George F. Lonz Foundation, Middle Bass, Ohio, for the George F. Lonz Foundation for Enology & Viticulture.

\$7,500.00 - B. F. Goodrich Chemical Company, Cleveland, Ohio, for the B. F. Goodrich Company Fund for Polymer Engineering Research Fund.

\$7,500.00 - The Southgate Development Corporation, Newark, Ohio (given in the name of Mr. and Mrs. John J. O'Neill), for the John J. and Elizabeth O'Neill Scholarship Fund.

\$6,500.00 - Melvin E. Moffitt Estate, San Antonio, Texas, for the Melvin E. Moffitt Memorial Fund.

\$6,341.66 - Mid-Ohio Automotive, Inc., Columbus, Ohio: \$2,120.83 (given in the name of Chester C. Winter), for the Urology Development Fund; \$2,120.83 (given in the name of Cary J. Winter), for the Urology Development Fund; and \$2,100.00 (given in the name of Eagle Specialty Products, Northridge, California), for the Louis Levy Professorship for Cancer Research.

\$6,164.88 - Grace and Carl Baldwin Trust, Columbus, Ohio, for the Carl M. and Grace C. Baldwin Eye Care Fund.

\$6,100.00 - Russell G. Means, Jr., Columbus, Ohio, for the University Activities Center.

\$6,000.00 - Borden Foundation, Inc., Columbus, Ohio, for the Student Athlete Grant-in-Aid Fund.

\$5,500.00 - Detroit Edison, Detroit, Michigan, for the Detroit Edison Fellowship in Electric Power Systems.

\$5,000.00 - Anonymous donor for the Department of Surgery Research and Education Fund.

\$5,000.00 - John D. Kraus, Delaware, Ohio, for the Radio Telescope Research Fund.

\$5,000.00 - Mr. George D. Massar, Columbus, Ohio, for the College of Law Advancement Fund.

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gift-in-Kind

Assignment of a note and mortgage on property located at 72 East 14th Avenue, Columbus, Ohio, which is part of Indianola Farm, numbered and delineated upon the recorded plat thereof in Plat Book 3, page 89, Recorder's Office, Franklin County, Ohio, from Student Cooperatives, Inc.

New Presidents Club Members - July 1978

Frank A. Alvarez	Douglas J. Michael
John M. Ashbrook	K. C. Mosier, II
Douglas P. Boldon	Judith W. Noltmier
Daniel W. Bower	Cathy Lynn Perkins
Shirley Dunlap Bowser	Donald L. Plotnick
Robert A. Bruce, Jr.	Daniel P. Rako
Charles J. Burns	Jeanne S. Rardon
Susan Ann Cavanaugh	Frank R. Recker
Richard H. L. Chichester	Wayne E. Redmon
Carol K. Cornell	Paul D. Reese
Marc Cooperman	Paul M. Shimp
Matthew C. Dodd	Richard F. Slager
Charles F. Freiburger	William L. Smead
Scott A. Gearig	Carl E. Speicher
John L. Gushman	Lee P. Tippet
Diane E. Hammond	James A. Visconti
Carlton W. Hartley	Arthur I. Vorys
Bennie E. Hill	David W. Wilt
Robert B. Liss	James M. Wiles
Richard E. Lowe	David S. Wood

Establishment of Named Funds

George R. Havens Memorial Awards

The George R. Havens Memorial Awards was established September 8, 1978, by the Board of Trustees of The Ohio State University, with a bequest to The Ohio State University Development Fund from the estate of Dr. George Remington Havens, Professor Emeritus of French, Department of Romance Languages, The Ohio State University College of Humanities.

The annual income from this bequest is to provide for annual George R. Havens Memorial Awards for the best article and best book written on French literature or language by a member of the teaching staff of the Department of Romance Languages.

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

George R. Havens Memorial Awards (contd)

The basic award for the best article shall be \$200.00 and for the best book \$600.00, each sum to be increased or diminished proportionately by the amount of income available on the principal for that year.

These awards shall be determined by a committee composed of three members of the teaching staff who are not submitting an article or book for consideration in connection with that year. The committee of three is to be selected by the chairman of the department and the vote of a majority of the committee shall determine to whom the awards shall be given.

If no book or article submitted in any one year appears worthy of an award, then the income for that year is to be added to the principal of the fund for subsequent years until an award seems suitable.

The chairman shall call the attention of the teaching staff at the beginning of each quarter to the availability of these awards and the awards given shall be publicly announced in Spring Quarter. No award for an article shall exceed four hundred dollars (\$400.00). It is desirable that the book award remain significantly larger than the article award and may at any time be increased insofar as the income from the principal fund may permit.

Should the need for the awards 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 area of study in the Department of Romance Languages.

The Karl P. Klassen Lecture and Research Fund

The Karl P. Klassen Lecture and Research Fund was established September 8, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the associates, family and friends in memory of Karl P. Klassen.

All gifts are to be invested in the University's Permanent Endowment Fund, under the 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 underwrite the cost of a lecture series in thoracic surgery and/or for research in this same academic area. Requisitions for the use of these funds will be initiated by the Director of the Division of Thoracic Surgery and approved by the Dean of the College of Medicine.

September 8, 1978 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 Karl P. Klassen Lecture and Research 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 and research.

The Joseph W. Spretnak Memorial Scholarship Fund

The Joseph W. Spretnak Memorial Scholarship Fund was established September 8, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from family, friends and colleagues of Joseph W. Spretnak, B.S. '38, Professor of Metallurgical Engineering, late 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 is to be used to provide scholarship assistance to undergraduate students enrolled in the Department of Metallurgical Engineering. The selection is to be made upon the recommendation of the Scholarship Committee of the Department of Metallurgical Engineering.

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 official of the University who is then directly responsible for metallurgical engineering education.

The College of Medicine Alumni Society Fund

The College of Medicine Alumni Society Fund was established September 8, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from College of Medicine alumni, former interns, residents, fellows, faculty and friends of the College of Medicine.

All gifts are to be invested in the University's Permanent Endowment Fund, under the 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 8, 1978 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 College of Medicine Alumni Society Fund (contd)

The annual income is to be used to enrich the academic, cultural and artistic environment and programs of the College of Medicine. The college is authorized to invade the principal amount of the endowment when necessary. The Dean of the College of Medicine will have sole authority to authorize expenditures from the fund as recommended by the Society's Board of Visitors.

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.

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EMPLOYMENT OF ARCHITECTS/ENGINEERS

NORTHWOOD SCHOOL, HANDICAPPED BARRIER REMOVAL

Resolution No. 79-27

Synopsis: Removal of architectural barriers for the physically handicapped at the Northwood Elementary School.

WHEREAS presently Northwood Elementary School is composed of one facility (with an inventoried gross area of 36,562 square feet), consisting of two buildings constructed in 1879 and 1953, respectively, and connected by a unit built in 1961 as part of a major renovation by the Columbus Board of Education; and

WHEREAS Am. Sub. H.B. 618 and Am. S.B. 493 provided \$300,000 which consisted of \$200,000 for the purchase of the facility, with the expressed intent that the building be leased to the Northend Community Center Corporation as a NOT FOR PROFIT community center; and

WHEREAS Am. Sub. H.B. 618 and Am. S.B. 493 also provided that \$100,000 of this appropriation be used exclusively for the purpose of providing for structural adaptation of the Northwood Elementary School to eliminate any physical barriers for use of the facility by the handicapped; and

September 8, 1978 meeting, Board of Trustees

NORTHWOOD SCHOOL, HANDICAPPED BARRIER REMOVAL (contd)

WHEREAS we have been advised that the firm of Strayer, Inc., Architects and Planners, Dublin, Ohio, will be employed by the Northend Community Center Corporation for design work relative to renovation of the facility:

NOW THEREFORE

BE IT RESOLVED, That the Department of Administrative Services be authorized to retain the services of Strayer, Inc., Architects and Planners, Dublin, Ohio, for design work relative to elimination of physical barriers to allow use of the facility by the handicapped, and provide complete architectural and engineering services for this project including preliminary plans, working drawings, specifications, estimate of cost, necessary bidding documents and administration of construction; and

BE IT FURTHER RESOLVED, That the fee for this service be negotiated by the Department of Administrative Services, Division of Public Works, with the total project cost not to exceed \$100,000.

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

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HOUSING FACILITIES--SMOKE DETECTOR INSTALLATIONS

Resolution No. 79-28

Synopsis: Provide automatic smoke detector devices in eleven high-rise dormitories in compliance with House Bill 226.

WHEREAS House Bill 226 enacted by the General Assembly and incorporated into the Ohio Revised Code requires the installation of an automatic smoke detector in a dormitory building that exceeds 75 feet in height and which does not have a conforming automatic smoke detector system or sprinkler system, and the date for compliance with the new law has been established to be effective November 26, 1978; and

WHEREAS The Ohio State University Residence Hall system includes eleven dormitory buildings which exceed the 75 foot limit included in the statute, it is estimated that minimum compliance will require installation of approximately 2,600 smoke detectors:

NOW THEREFORE

BE IT RESOLVED, That the firm of Larson Engineering, Mechanical and Electrical Consulting Engineers, be employed to provide an engineering study which would include:

Define code requirements of the new law

September 8, 1978 meeting, Board of Trustees

HOUSING FACILITIES--SMOKE DETECTOR INSTALLATIONS (contd)

Determine various methods of satisfying the Code by value engineering

Estimate the cost of each method

Calculate the long-range maintenance or replacement cost of each system

Determine the time involved for installation of each method

Finalize a recommendation of the most economical and appropriate solution to compliance, and

completion of the preliminary through final plans, drawings, estimate of cost, necessary bidding documents and supervision of construction; and

BE IT FURTHER RESOLVED, That the fee for these services be negotiated between the firm and the Department of Administrative Services, Division of Public Works, with the funds for the project provided from Budget Account 317200, Dormitory Revenue Funds; and the preliminary estimate indicates the project may be in the neighborhood of \$600,000; final estimate will be determined upon completion of the engineering study.

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

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PLANS AND SPECIFICATIONS

Resolution No. 79-29

Synopsis: Plans and specifications have been completed for one project and are recommended for approval.

WHEREAS at the request of the Vice President for Business and Administration the plans and specifications, bills of materials and estimates of cost for the following project are presented for approval:

ELECTRICAL DISTRIBUTION IMPROVEMENTS

Project: Provide alternate 13.8KV electric power service which will improve reliability, reduce duration of outages, and allow improved maintenance procedures. The alternate power will allow the buildings to be re-energized immediately on failure of service to the buildings. This project will complete alternate service to campus buildings served by the 13.8KV system.

September 8, 1978 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

ELECTRICAL DISTRIBUTION IMPROVEMENTS (contd)

Funding: H.B. 618, Utilities and Renovation (1977-79 Biennium)

Estimated Project Cost: \$300,000.00

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for this project, and if satisfactory bids are received to recommend the award of the necessary contracts in accordance with the established University procedures; and that this action be reported at a later meeting.

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

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**REPORT OF AWARD OF CONTRACT AND
ESTABLISHMENT OF CONTINGENCY FUND**

Resolution No. 79-30

Synopsis: Contracts have been awarded for one project to the lowest and best bidder in accordance with University procedures.

WHEREAS the resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Secretary of the Board of Trustees to sign the plans and specifications, and for the President and/or Vice President for Business and Administration to request bids, and recommend awards, in accordance with the established University procedures for the following project:

MANSFIELD CAMPUS--REPAIR PARKING LOT AND ACCESS DRIVES

Description: Resurface with asphalt the north parking lot and access roads.

Date Received:	August 29, 1978
No. of Bids:	2
Low Bid:	\$ 89,597.00*
High Bid:	\$ 99,219.25*

* Recommended alternates reflected in this figure.

September 8, 1978 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACT AND
ESTABLISHMENT OF CONTINGENCY FUND (contd)**

MANSFIELD CAMPUS--REPAIR PARKING LOT AND ACCESS DRIVES (contd)

Estimate of Cost:	\$100,300.00*
Awarded to:	Mansfield Asphalt Paving Co. (Mansfield, Ohio)
Total Contract:	\$ 89,597.00*
Total Contingency Allowance:	\$ 8,959.70 which is 10 per cent of the construction costs
Total Project Cost:	\$133,700.00
Funding:	Budget Account 885068 (Mansfield Campus Reserve - \$110,600 and North Central Technical College - \$23,100)

*Recommended alternates reflected in this figure.

NOW THEREFORE

BE IT RESOLVED, That pursuant to a previous action of the Board, a construction project was bid, a contract was recommended for award and the establishment of contingency fund and expenditure of project funds are hereby reported.

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

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**EASEMENTS - COLUMBIA GAS OF OHIO, INC.
NORTH STAR AND RIDGEVIEW ROADS
AND TREMONT ROAD TO REED ROAD**

Resolution No. 79-31

Synopsis: Renewal of two easements for Columbia Gas of Ohio, Inc., is requested.

WHEREAS the University on July 24, 1963 by a letter from the President granted two fifteen-year easements to The Ohio Fuel Gas Co. (now known as Columbia Gas of Ohio, Inc.) for the purpose of installing a twenty-inch gas pipeline along the north side of Ridgeview Road and east of North Star Road and a ten-inch gas pipeline along Tremont Road to Reed Road; and

WHEREAS said easements expire on August 21, 1978; and

September 8, 1978 meeting, Board of Trustees

**EASEMENTS - COLUMBIA GAS OF OHIO, INC.
NORTH STAR AND RIDGEVIEW ROADS
AND TREMONT ROAD TO REED ROAD (contd)**

WHEREAS the Department of Administrative Services has prepared the necessary legal instruments to renew said easements for a period of fifteen years; and

WHEREAS the appropriate University agencies have recommended that said renewals be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Department of Administrative Services, Director of Public Works, pursuant to his statutory duties, to act for and on behalf of the University to process the necessary instruments to provide for said easement renewals.

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

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POWER OF ATTORNEY - CUSTOMS

Resolution No. 79-32

Synopsis: The designation of certain administrators to act for and on behalf of the University is being proposed.

WHEREAS the action taken by the Board of Trustees at the January 10, 1975 meeting, relative to the Power of Attorney-Customs be rescinded:

NOW THEREFORE

BE IT RESOLVED, That Edward Q. Moulton, Vice President for Business and Administration; James W. Kristoff, Treasurer; and Charles R. Gambs, Jr., University Contracts Officer; be authorized to transact business on behalf of The Ohio State University with any custom house in the United States, including making declarations to entries of merchandise imported by this University, endorsing bills of lading, and signing all bonds in the name of the University as required by law or the regulations of the collector of customs or Treasury Department; securing the duties on importations made by the University; and also in the name of the University executing and delivering bonds of indemnity to the collector of customs.

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

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September 8, 1978 meeting, Board of Trustees

**REPORT - AUDITOR OF STATE FOR THE OHIO STATE UNIVERSITY
SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS PROGRAM**

Resolution No. 79-33

Synopsis: Report of State Auditor for The Ohio State University for period July 1, 1973 through June 30, 1977, is recommended for acceptance.

WHEREAS the Auditor of State is charged with the statutory responsibility for auditing accounts for all departments of the State, including State-assisted universities; and

WHEREAS the report of the Auditor of State for The Ohio State University for the period July 1, 1973 through June 30, 1977, has been received and reviewed by the appropriate officers of the University; and

WHEREAS the accounts, records, files and reports of The Ohio State University were found to be in essentially satisfactory condition but certain recommendations were included in the report; and

WHEREAS the recommendations have been studied by the appropriate administrative officers and steps have been taken to correct the minor problems that were found:

NOW THEREFORE

BE IT RESOLVED, That this report of the Auditor of State be received and filed with the official documents of the University.

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

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**REPORT - FISCAL AFFAIRS COMMITTEE
EMPLOYMENT OF INVESTMENT COUNSELOR**

Resolution No. 79-34

WHEREAS the Endowment Fund has equity fund balances available for investment; and

WHEREAS the Endowment Fund desires to earn the fullest possible return on such funds with the minimum risk:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to contract for the services of counsel for the purpose of managing the remaining funds specified as equity investments.

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

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September 8, 1978 meeting, Board of Trustees

REPORT - PRESIDENT ENARSON'S COMMENTS ON OPENING OF AUTUMN QUARTER

The opening of Autumn Quarter is less than two weeks away, and I want to take a few minutes to comment on several items of particular interest.

The first is enrollment. Based on the figures available at this time, we expect our enrollment on the Columbus campus to remain at about the same level it was last year -- 51,000.

Further, the number of new freshmen will increase about 300 over last year and should reach 7,600.

These figures are gratifying in two ways. First, they indicate that the declining enrollments which are forecast nationally for the years ahead and have begun to be noticed on some campuses have not reached us. Secondly, the increase in new freshmen reflects the continuing attractiveness of Ohio State as a place to get a college education.

The number of new graduate students is projected to be about 100 fewer than a year ago. This slight decline, however, is expected to be offset by the increased graduate enrollment we experienced last Spring and Summer Quarters. As a result, our total graduate enrollment this Fall should be comparable to the 9,140 graduate students enrolled a year ago.

As you might expect, the entering classes for all of our professional colleges are filled. Final total enrollment for these colleges this Fall will be about 2,770 students enrolled in our professional colleges.

In this regard, a point worth noting is the fact that there were 12 per cent fewer applications to our professional colleges this year than the year before. This decline appears to be part of a national trend, not something which is happening only at Ohio State.

Looking at the regional campuses and the Agricultural Technical Institute at Wooster, it appears now that total enrollments at these locations will be down about 200 students, or 4.4 per cent, below the preceding Autumn. This decline appears to be due mainly to a drop in the number of new students. Our people will be studying these figures in the weeks ahead to give us a better understanding of their significance.

Finally, so far as our enrollment figures are concerned, I think you will be pleased, as I was, to learn that we will have 102 new Ohio State National Merit/National Achievement Scholars enrolled, bringing our expected total of such scholars to 279. You may recall that four years ago we began a new program to recruit outstanding students who were finalists in the National Merit competition. With

September 8, 1978 meeting, Board of Trustees

**REPORT - PRESIDENT ENARSON'S COMMENTS ON OPENING OF AUTUMN QUARTER
(contd)**

the help of private gifts to the University, we have been able to provide scholarships to these top students in recognition of their high scholastic ability. And it is gratifying to see this program continue to grow.

It is also gratifying to note that of the 1,000 scholarships which became available to Ohio high school graduates for the first time this year under the new Ohio Academic Scholarship Program, nearly 20 per cent (199) went to outstanding students who chose Ohio State. These figures are further evidence of the University's ability to attract outstanding students.

In a second area, I want to comment briefly about our residence hall figures for Autumn. In a nutshell, we are filled to capacity--and then some. We are experiencing what appears to be happening nationally--a desire on the part of students to live in university housing.

This trend is understandable, considering the rising costs faced by students living in apartments or other off-campus housing. Utilities cost more, food costs more, and the chances to save a few dollars are not so readily available to the off-campus student, as they once were. So it's 'Back to the dorms.' That seems to be the cry on campuses generally this Fall.

As of August 18, our Residence and Dining Halls had signed contracts with about 10,195 persons, and the acceptance of contract requests was cut off on that date. Even with the expected cancellations before the first day of classes--and based on past experience this number is estimated at 755--we will likely have about 240 students more than the number of regular residence hall spaces available. These students will be housed in temporary spaces, and we have about 600 such spaces available.

We recognize that these temporary housing arrangements may be inconvenient for some students. We know, too, that there were a number of other students who were disappointed because they could not get into University housing at all.

Residence and Dining Halls staff returned about 300 contracts which were received after the cut-off date. They also had to notify another 1,200 students requesting housing information that no more space was available.

When you have these circumstances--temporary housing and also large unfilled demand for housing--there are bound to be some complaints. We know this, and I want to alert you to the situation in case it comes to your attention in other ways.

Our residence staff has been working overtime locating alternative off-campus housing, and information on these rooms is being provided to the students we could not house. We have also made arrangements for some students to be housed at Ohio Dominican College. And we are appealing to faculty and others in the community who have space in their homes to take in a student. We hope these efforts will help students during this peak-demand period for housing.

September 8, 1978 meeting, Board of Trustees

REPORT - PRESIDENT ENARSON'S COMMENTS ON OPENING OF AUTUMN QUARTER
(contd)

In a third area, I want to mention briefly a few of the things which are being done to improve services and alleviate the 'crunch' associated with getting some 50,000 students back on campus and through the necessary steps which must precede the start of classes.

For example, the Recreation Center on West Campus will be available all next week, Monday through Friday, as a special location where students--except those on financial aid--will be able to pay their fees, pick up football tickets, and in the case of new students, purchase parking decals. This location is removed from the main campus, has plenty of nearby parking, and will make it much easier for students to get necessary business taken care of promptly. This innovation should be a great help in our efforts to make the start of school as 'hassle-free' for our students as possible.

For several years we have been urging students to register and pay their fees by mail. For those who can, this is by far the easiest procedure, and all new students who went through orientation programs this summer were urged to pay by mail.

The logistics of getting between 9,000 and 10,000 students moved into residence halls in a few days would seem to boggle the mind. Yet there will be a small army of people who are briefed and ready to assist the new arrivals. These aides include residence hall personnel, Program 60 volunteers, and, if needed, students from the sophomore honorary organizations. Persons arriving by car have been sent color-coded maps to place in the windshield. And from these colors, persons directing traffic will see that traffic flows smoothly to the proper residence hall area.

Finally, I want to mention several construction and renovation projects of interest.

The new bridge across the Olenangy River will be open before the start of the quarter. It will greatly improve the flow of traffic into and out of the south part of the campus, particularly the medical area, and relieve the congestion on Cannon Drive.

Repairs to the Stadium have been completed. The large parking area northeast of the Stadium has been resurfaced, and new parking lots providing an additional 300 spaces at Sisson and Vivian Halls will be ready for use.

Remodeling projects in Page, Hagerty, and Hamilton Halls will be completed by the start of the quarter. And the renovation of Hayes Hall is on schedule and will be finished by Winter Quarter.

We will have new buildings on the Newark Campus and at the Agricultural Technical Institute ready for use as classes begin this quarter.

The Long Walk on the Oval is being replaced, and that work will be done by the start of classes.

September 8, 1978 meeting, Board of Trustees

**REPORT - PRESIDENT ENARSON'S COMMENTS ON OPENING OF AUTUMN QUARTER
(contd)**

Finally, we continue our efforts to adapt the campus to meet the needs of the physically impaired. New elevators have been installed in Stillman, Lazenby, and Page Halls and in the Welding Engineering Building and will be ready for use when students return.

These are a few of the developments which I thought you would find of particular interest as we begin a new academic year.

President Enarson called on Dr. Henry Cramblett to report on the status of the Anesthesiology Department at University Hospitals.

Dr. Cramblett reported that Dr. Denman Shaw will join Dr. John McDonald who became head of the Department of Anesthesiology early in September. Both physicians are fully licensed in the State of Ohio and have been accorded appropriate staff privileges in University Hospitals. The operating room schedule for September is approximately 60 per cent of the normally allotted time for each surgical specialty. Eye surgery which is usually conducted in Means Hall has been temporarily scheduled into University Hospital to conserve the anesthesiology resources in one building. During August there were 13.2 full-time equivalent nurse anesthetists, which is compared with 11.2 in August a year ago and 8 in August 1976.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 79-35

RESOLVED, That the report on the University's Investment Portfolio dated August 18, 1978, 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, October 6, 1978, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

Patricia D. James
Acting Chairman

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND FORTY-FIRST MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, October 6, 1978

The Board of Trustees met at its regular monthly meeting on Friday, October 6, 1978, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Howard D. Sirak, Chairman, John L. Gushman, Patricia D. James, Chester Devenow, Warren J. Smith, John D. Jacob, John F. Havens and Daniel M. Galbreath.

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Minutes of the last meeting were approved.

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October 6, 1978 meeting, Board of Trustees

The Chairman, Dr. Sirak, 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 disputes involving the University that are the subject of imminent court action.

Present: Howard D. Sirak, Chairman, Patricia D. James, Chester Devenow, Warren J Smith, John D. Jacob, John F. Havens and Daniel M. Galbreath.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

RESOLUTIONS IN MEMORIAM

Resolution No. 79-36

Synopsis: Resolutions honoring the service of two of this University's faculty members and a former member of the Board of Trustees who have recently died.

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.

Upon motion of Dr. Jacob, seconded by Mr. Gushman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

James Morton Schopf

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 15, 1978, of James Morton Schopf, Professor of Geology and Mineralogy since 1950 and of Botany since 1964.

Dr. Schopf was born June 2, 1911, in Cheyenne, Wyoming. He received the bachelor of arts degree in botany from the University of Wyoming in 1930, the master of science degree and the doctorate in plant ecology, geology and botany from the University of Illinois in 1932 and 1937. Between 1934 and 1943 he was Assistant Geologist with the Illinois Geological Survey; from 1943 to 1947 he was Coal Microscopist with the U. S. Bureau of Mines; and for eight months in 1947 he was Senior Research Associate with the South African Geological Survey. From late 1947 to mid-1949, he was involved with the study and interpretation of Paleozoic fossil plants, as Geologist with the U. S. Geological Survey. In mid-1949, Dr. Schopf established the U. S. Geological Survey's Coal Geology Laboratory at The Ohio State University. He was its supervisor until his retirement from the Survey in 1976, and was concurrently a full participant in scholarly activities of the Department of Geology and Mineralogy, the Department of Botany, and the Institute of Polar Studies.

Dr. Schopf was active in 26 geological and botanical societies. He was twice chairman of the Paleobotanical Section, Botanical Society of America; chairman for 11 years of the International Association for Plant Taxonomy; councilor of the Geological Society of America;

October 6, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

James Morton Schopf (contd)

vice president of the Ohio Academy of Science; and president of the International Organization of Paleobotany. His more than 150 published reports on paleobotany, coal and coal petrography, ancient climates and Antarctic fossil plants, and his extensive field studies on four continents, are evidence of Dr. Schopf's unusually broad interests and exceptional command of his science. Recognitions such as the Award of Merit and Distinguished Paleobotanist Award (Botanical Society of America, 1968, 1977), the Antarctic Service Medal (1970), the Cady Award (Geological Society of America, 1973), the Mary Clark Thompson Award (National Academy of Science, 1976), Medal of the Palaeobotanical Society of India (1977), and the Medal of the Paleontological Society (1978) are testimony to the esteem and affection of his professional colleagues. Dr. Schopf's co-workers also named six genera of fossil plants and the highest mountain of Antarctica's Ohio Range in his honor.

Dr. Schopf's fundamental contributions to our knowledge of fossil plants, his rigorous personal standards of scholarship, his inspirational leadership in the field of coal geology, and his influence on students at The Ohio State University and elsewhere in the world have been of the very highest order. Dr. Schopf was at the peak of his career at the time of his death. He will be remembered as one of the more notable figures in American and world paleobotany of the present century.

On behalf of the University, the Board of Trustees expresses to the family of Dr. Schopf 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 his 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.

Neal E. Vivian

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 9, 1978, of Neal E. Vivian, Professor in the Academic Faculty of Vocational-Technical Education, in the College of Education.

Dr. Vivian was born May 29, 1921, in Hibbing, Minnesota. He attended Crosby-Ironton High School, graduating in 1939. He completed a bachelor's, master's and doctorate degree in education at the University of Minnesota.

Dr. Vivian joined the faculty of The Ohio State University September 1, 1966, as a Research Specialist at the National Center for Vocational Education and as an Associate Professor of Vocational Education. In 1968 Professor Vivian assumed a full-time faculty position in the Academic Faculty of Vocational-Technical Education. Prior to his appointment at The Ohio State University, Dr. Vivian served on the faculty of Indiana University and the University of Tennessee.

Dr. Vivian was a dedicated and highly respected national leader in the field of Vocational Distributive Education. The most recent of his many national awards and recognitions occurred in December, 1977, when he received the Distributive Education Professional

October 6, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Neal E. Vivian (Contd)

Development Award from the American Vocational Association. As part of the award, a scholarship was established at The Ohio State University in Dr. Vivian's name for advanced study, research and professional development. He was well known and respected, both state-wide and nationally. He will long be remembered for his outstanding contributions to Vocational Education.

On behalf of the University, the Board of Trustees expresses to the family of Dr. Vivian 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 his family as sincere appreciation of the Board's realization of the loss which the family, the University and his many friends and associates have sustained.

William C. Safford

The Board of Trustees of The Ohio State University expresses its sorrow upon the death of William C. Safford on September 29, 1978.

Mr. Safford rendered most distinguished service to this Board and to the University during eight years as a Trustee. He was named to the Board in 1967 and was elected its chairman for 1974-75. In September of 1975 he resigned his trusteeship to accept appointment by Governor James A. Rhodes to the Ohio Board of Regents, where he was serving at the time of his death.

Recognized as a national leader in the insurance industry, Mr. Safford was board chairman and past president of the Western-Southern Life Insurance Company of Cincinnati, with which he had been associated for fifty years.

In addition to his years of service to higher education through terms on the Board of Regents and Board of Trustees, he also had been a member and chairman of the Board of Visitors of West Point Military Academy.

Throughout his career he gave outstanding public service to the State of Ohio in other important offices. He was Ohio's deputy superintendent of insurance in 1925-26 and the state's youngest superintendent of insurance in 1927-28. He also had served on the Advisory Council of the Ohio Bureau of Unemployment Compensation and on the Ohio Development Financing Commission.

Mr. Safford was born December 2, 1898, in Columbus, Ohio, and attended Aquinas College and Columbus Law College.

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

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October 6, 1978 meeting, Board of Trustees

**REVIEW OF PRINCIPAL ADMINISTRATIVE AND ACADEMIC OFFICIALS -
CHANGES IN RULES OF THE UNIVERSITY FACULTY**

Resolution No. 79-37

Synopsis: Changes in Rules of the University Faculty are being proposed.

WHEREAS this Board of Trustees on December 8, 1977, adopted a policy regarding the review of principal administrative and academic officials; and

WHEREAS the University administration was directed to prepare and present to the Board such rule changes as may be necessary to give full force and effect to this policy:

NOW THEREFORE

BE IT RESOLVED, That rules 3335-3-02 and 3335-3-17 of the Administrative Code be revised and amended to read as follows:

3335-3-02 Offices of the staff members.*

- (A) Each member of the president's staff shall, in turn, be the executive head of the office of his division. He shall be responsible for the administration of that office, subject to the control of the president. Within each staff member's office there shall be such principal administrative officials as are recommended by the president and approved by the board (rule 3335-3-17 of the Administrative Code).
- (B) Appropriate records shall be kept by these offices and shall be available to the president, the university ombudsman or the appropriate staff member upon request.
- (C) Unless otherwise specified, all assigned responsibilities shall be on a university-wide basis, including the regional campuses of the university.

3335-3-17 Principal administrative officials.*

- (A) The term principal administrative official shall include the members of the president's staff, the deans of the colleges and regional campuses and their designated staffs, the director of the university libraries, chairmen of academic departments and faculties, and directors of schools and major interdisciplinary centers. The members of the president's staff shall identify to the president such other persons in their areas of responsibility who shall be considered principal administrative officials of the university.
- (B) Principal administrative officials shall be appointed for one-year terms by the board of trustees, upon the nomination of the president. Recommendations regarding these appointments will be made to the president following appropriate consultation.
- (C) The president of the university and the members of the president's staff shall be responsible for conducting both annual and periodic formal reviews of the principal administrative officials in their areas of responsibility.

*Rule initiated by board of trustees.

October 6, 1978 meeting, Board of Trustees

**REVIEW OF PRINCIPAL ADMINISTRATIVE AND ACADEMIC OFFICIALS -
CHANGES IN RULES OF THE UNIVERSITY FACULTY (contd)**

- (1) The purpose of the annual review shall be:
 - (a) To evaluate the administrator's performance;
 - (b) To provide information for improvement;
 - (c) To determine whether the administrator should be recommended for continued appointment; and
 - (d) To recommend compensation for the subsequent year.
- (2) The purpose of the formal periodic review shall be:
 - (a) To evaluate in a comprehensive manner the administrator's performance through formal review procedures;
 - (b) To provide information for improvement; and
 - (c) To determine whether or not the administrator should be recommended for continued appointment.
- (3) Recommendations shall be forwarded to the president.
- (D) Periodic formal reviews for deans shall be conducted toward the conclusion of each five-year period of service; for chairmen, directors of schools and major centers toward the conclusion of each four-year period of service; and for other principal administrators toward the conclusion of each four-year period of service.
- (E) Criteria for evaluation shall be established and defined by the members of the president's staff in consultation with the persons evaluated and the president. Qualities to be evaluated shall include but not be limited to: knowledge and ability, initiative, judgment, leadership capacity, tact, ability to communicate effectively and to resolve conflicts; commitment to personal and professional growth and to assisting others to achieve such growth; ability to manage budgets, delegate responsibility, and establish intelligent priorities in the administrator's area of responsibility; and commitment to the work of the institution.
- (F) In general, each review will be performed by the principal administrative official, in consultation with the persons who report to or through the administrator being reviewed or by a committee appointed by the president, the appropriate member of the president's staff, dean or director.

Upon motion of Mrs. James, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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October 6, 1978 meeting, Board of Trustees

**APPOINTMENT OF TRUSTEES ON THE
POOLED INCOME TRUST FUNDS I AND II**

Resolution No. 79-38

Synopsis: Appointment of Trustees on the Pooled Income Trust Funds I and II.

WHEREAS the Board of Trustees by action of December 4, 1970, established a pooled income fund as a convenient means for University benefactors to contribute financial support to the University and at the same time retain income during their lifetime; and

WHEREAS the Board on September 10, 1976 nominated and appointed four individuals to serve as trustees on Pooled Income Trust Funds I and II:

NOW THEREFORE

BE IT RESOLVED, That the following current members be reconfirmed as trustees on the Pooled Income Trust Funds I and II:

James R. McCoy
Joseph S. Platt
Charles R. Traphagan

and that James W. Kristoff, Treasurer of The Ohio State University, replace Ernest W. Leggett, the former Treasurer of the University, as the fourth trustee.

Upon motion of Mrs. James, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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NAMING OF BUILDING

Resolution No. 79-39

Synopsis: Changing name of Temporary Vet Clinic building to Service Building Annex is proposed.

WHEREAS pursuant to the 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 recommends with the concurrence of the President's Staff, that the Temporary Vet Clinic building, located at 2578 Kenny Road, be renamed Service Building Annex:

October 6, 1978 meeting, Board of Trustees

NAMING OF BUILDING (contd)

NOW THEREFORE

BE IT RESOLVED, That the above-described building be renamed in accordance with the President's recommendation.

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

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RULES FOR THE CLASSIFIED CIVIL SERVICE

Resolution No. 79-40

Synopsis: Approval of publication, Rules for the Classified Civil Service, is requested.

WHEREAS rules have been developed at The Ohio State University, pursuant to division (A) of section 124.09 and division (G) of section 124.14 of the Revised Code, outlining the scope and responsibilities of the University personnel function relative to the administration of Ohio Civil Service laws; and

WHEREAS under the provisions of section 111.15 of the Revised Code all such rules must be filed with the Legislative Reference Bureau and the Secretary of State:

NOW THEREFORE

BE IT RESOLVED, That the *Rules for the Classified Civil Service*, revised July 1, 1978, be adopted by the Board as the official publication pertaining to Classified Civil Service employment at The Ohio State University, and that the Vice President for Personnel Services be directed to file said rules with the Legislative Reference Bureau, the State Personnel Board of Review, and the Secretary of State.

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

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ESTABLISHMENT OF OFFICE OF CONTINUING EDUCATION

Resolution No. 79-41

Synopsis: Approval is requested to establish an Office of Continuing Education in the Office of Academic Affairs that will organize efforts to meet significant new challenges in this area.

WHEREAS nearly a quarter of all students of the University are twenty-five or over; and

October 6, 1978 meeting, Board of Trustees

ESTABLISHMENT OF OFFICE OF CONTINUING EDUCATION (contd)

WHEREAS demographic studies indicate crucial trends toward decreases in the number of younger students and increases in the numbers of older and part-time students who will enroll during the next decade; and

WHEREAS students over twenty-five and part-time students tend to have social and economic responsibilities which require that their learning be scheduled during evenings, weekends and summers in a variety of settings on and off campus, and delivered by a variety of non-traditional methods; and

WHEREAS it is recognized that credit and non-credit programs should be coordinated to increase the University's capacity to provide for the improvement and expansion of programs for all continuing learners:

NOW THEREFORE

BE IT RESOLVED, That the President shall establish an Office of Continuing Education within the Office of Academic Affairs; and

BE IT FURTHER RESOLVED, That a Vice Provost for Continuing Education shall be the head of this office; and

BE IT FURTHER RESOLVED, That the appropriate rule changes be made to give this Office requisite authority and effect.

3335-3-171 Vice provost for continuing education.*

- (A) There shall be a vice provost for continuing education in the office of academic affairs.
- (B) The vice provost for continuing education shall be responsible for and have the requisite authority to provide coordinated leadership for the maintenance and improvement of all aspects of continuing education. Without limiting the generality of the foregoing this shall include: responsibility and the requisite authority for the development and administration of policies and operating procedures for continuing education programs and for the enrollment office for evening and continuing education students; coordination and development of new courses and programs in cooperation with colleges and departments, the graduate school, and the regional campuses through the vice president for regional campuses and dean of university college; coordination and provision of support for counseling and other services to continuing learners; improvement of relations with community groups interested in continuing education; development of effective means of publicity for continuing education; and development of continuing education research and teaching projects to be supported by outside funding agencies.
- (C) The principal administrative officials of the office of the vice provost for continuing education shall include an associate vice provost, a program coordinator, and such other persons as may be authorized from time to time.

*Rule initiated by board of trustees.

October 6, 1978 meeting, Board of Trustees

ESTABLISHMENT OF OFFICE OF CONTINUING EDUCATION (contd)

3335-3-171 Vice Provost for continuing education. (contd)

- (D) The vice provost for continuing education shall be advised by a university-wide policy committee comprised of faculty and appropriate administrative members.

President Enarson made the following statement:

One challenge to which The Ohio State University has not yet responded with sufficient force and initiative is the need for further development of continuing education.

By 'continuing education,' we mean providing courses and programs of study available at places and times convenient to the needs of those students who either begin college later in life or return to college.

For many reasons, more and more young people do not follow the traditional four-year undergraduate program. Nor do students go directly into full-time graduate work. Some stop out after high school or after a year or two at college. Others marry, go to work, find themselves responsible for a family, and only later return to acquire the education they missed. Still others are university graduates who return for further study to achieve career changes, acquire new knowledge required by their jobs, or meet the credentialing requirements of their professional associations.

'Continuing learners,'--for want of a better term--most often adults over 25, come back to school at various times in their lives. They seldom have the time of the younger student who can spend four full-time years on campus pursuing an undergraduate degree or dedicate a similar period to graduate work. They must work, and often provide for their families; therefore, they require special kinds of programs built into special time frames--evening programs, concentrated weekend courses, summer short courses, non-traditional programs that blend independent study with video cassettes, occasional meetings with an instructor and TV lectures, programs delivered through our network of agricultural extension centers, and non-credit conferences or courses that improve vocational skills or upgrade professional knowledge.

Because continuing learners may have gained considerable experience from work, diverse social and political relationships, parenthood, or military service, they are often impatient with our usual enrollment and registration procedures or the content and style of courses designed for less experienced students. They have adult perspectives and values; they are under great economic pressure and in a hurry to take the next step forward; and they tend to be pragmatic--anxious to gain the vocational or professional skill that will bring them and their families better lives.

In the academic year 1977-1978, 23.5% or 12,000 of our students were over 25 years old. In other words, one-quarter of all our students already fit the new pattern, and it is anticipated that this figure will increase rapidly during the next few

October 6, 1978 meeting, Board of Trustees

ESTABLISHMENT OF OFFICE OF CONTINUING EDUCATION (contd)

President Enarson's statement (contd)

years. Indeed, as the enrollments of 17- or 18-year olds decrease (as the demographers assure us is happening throughout the nation), we very much hope that the number of continuing learners will grow significantly.

To meet these new demands, we must vigorously develop new programs and structures and new ways of providing valuable educational experiences that meet the needs of our continuing learners.

Specifically, I am recommending that an Office of Continuing Education be established. Its task will be to mobilize on a cooperative basis the full resources of the University, giving strong impetus to the many efforts already under way throughout the University. The new Office of Continuing Education, to be headed by a Vice Provost for Continuing Education, will be an integral part of the Office of Academic Affairs. Among this office's responsibilities would be:

- to coordinate the work of the present Division of Continuing Education and the credit programs now carried on through evening, off-campus, and non-traditional instruction by the several colleges.
- to coordinate, improve, and monitor counseling and other services for continuing education students, whether these students are enrolled for credit or non-credit, in daytime or evening, off-campus or on.
- to stimulate the development of improved courses and programs for continuing education, both credit and non-credit, and to support the introduction of new and needed courses. This will include the provision of curricula more suitable and accessible to the continuing learner by whatever delivery systems are most promising. It will also mean supporting the efforts of colleges and departments to develop and present expanded offerings. Similarly it will require the closest possible cooperative working relationship with the Graduate School, the Regional Campuses, the present Division of Continuing Education, and many other units of the University.
- to recognize and respond to the continuing educational needs throughout the state in the fields where this comprehensive University has state-wide responsibility, and to develop effective outreach in Franklin and neighboring counties, involving the people of these communities in the work of identifying needs and devising educational programs that will serve the continuing learner.
- to develop means of publicizing our offerings and our desire to serve the continuing learner both outside and inside the University.

October 6, 1978 meeting, Board of Trustees

ESTABLISHMENT OF OFFICE OF CONTINUING EDUCATION (contd)

President Enarson's statement (contd)

--to develop a sound financial base for steady and rapid growth of the University's capacity to satisfy the educational needs of our continuing learners along the whole continuum--from the briefest non-credit programs to the most demanding professional conferences or degree programs.

--to discover and obtain external funding sources for support of our on-going continuing educational programs and for valuable and necessary innovation.

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

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PERSONNEL ACTIONS

Resolution No. 79-42

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments, Leave of Absence Without Salary and Professional Improvement Leave are recommended for approval.

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the September 8, 1978 meeting of the Board, including the following Appointments, Leave of Absence Without Salary and Professional Improvement Leave as detailed in the University Budget for 1978-79 be approved.

Appointments:

Name: S. EARL BROWN
Titles: Acting Dean, College of Social and Behavioral Sciences,
and Professor, Department of Geography
Effective: October 1, 1978
Salary: \$33,180.00
Present Positions: Assistant Dean, College of Social and Behavioral Sciences,
and Professor, Department of Geography

Name: LEON I. TWAROG
Titles: Professor and Chairman
Department: Slavic Languages and Literatures
Effective: October 1, 1978
Salary: \$38,160.00
Present Positions: Acting Dean, College of Humanities, and Professor, Department of Slavic Languages and Literatures

October 6, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leave of Absence Without Salary

PAUL S. LANDE, Assistant Professor, Department of City and Regional Planning, effective October 1, 1978 through December 31, 1978, to work in a temporary position at the Economic Development Administration, U. S. Department of Commerce.

Professional Improvement Leave

HARRY L. COLES, Professor, Department of History, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

Upon motion of Mr. Devenow, seconded by Mr. Smith, 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. 79-43

Synopsis: The report on contracts, grants and gifts and the summary for August 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 Office of Business and Administration of the University, 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 agreements 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 Office of Business and Administration, the Engineering Experiment Station and The Ohio State University Development Fund during the month of August 1978, be approved.

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

October 6, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS and GIFTS (contd)

SUMMARY FOR AUGUST 1978

Source	No. of Projects	Support Level
Office of Business and Administration	3	\$ 294,581.46
The Ohio State University Research Foundation	91	4,967,812.00
Engineering Experiment Station	2	46,496.00
		\$5,308,889.46
The Ohio State University Development Fund	2,227 Donors	\$ 568,675.68
Establishment of Named Funds		
The Robert Watson Scholarship Fund (Department of Animal Science)		\$ 13,928.57
The Rodger and Donellda Maddex Scholarship in Nursing (School of Nursing)		5,000.00
New Presidents Club Members - August 1978		
Daniel M. Ames	James D. Halsey	
Joshua B. Blumental	Ray E. Hill	
William N. Carson	Mark L. Keith	
W. Daniel Cordray	H. Lee Mathews	
Samuel B. Davis	Richard W. Meiring	
Marilyn L. Deeg	Nelson A. Mills, Jr.	
Stephen A. Deibel	Craig W. Patton	
Raymond K. Deyo	Arthur H. Pollack	
Donald A. Drummond	John J. Santone	
Curt S. Dunham	James M. Schmidt	
Franklin E. Eck	Robert E. Schmidt	
Karen W. Gardner	Thomas J. Selby	
James C. Grau		

October 6, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Contract/Grant

\$69,100.00 - U. S. Department of Justice, Law Enforcement Assistance Administration, Washington, D. C., Law Enforcement Education Program, Student Financial Aids (R. J. Harrison), August 1, 1978 through July 31, 1979. (Grant No. 78LPAX0681)

State of Ohio Contracts/Grants

\$221,731.46 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Teacher Education and Special Services in Vocational Home Economics, School of Home Economics (L. Bailey), July 1, 1978 through June 30, 1979.

\$3,750.00 - Ohio Historical Society, Historic Preservation Office, Columbus, Ohio, for Regional Archaeological Preservation Office (Ashland, Crawford, Hancock, Hardin, Marion, Morrow, Richland and Wyandot Counties), Mansfield Regional Campus (S. Deaver), October 1, 1978 through December 31, 1978.

TOTAL - STATE OF OHIO CONTRACTS/GRANTS \$225,481.46

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$498,608.00 - Department of Energy, Washington, D. C., Provide Technical Assistance to State Regulatory Commissions in Developing Conservation Programs, National Regulatory Research Institute (D. N. Jones and J. C. Cuddy), 1 August 1978 through 31 March 1979. (Project 760898 - Continuation)

\$480,372.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Spinal Cord Injury Research Center, Departments of Surgery (W. E. Hunt and J. S. King), Physiology (B. T. Stokes), Medicine (J. N. Allen), Pathology (A. J. Yates), and Physiological Chemistry (L. A. Horrocks), 1 September 1978 through 31 August 1979. (Project 763358 - Continuation)

\$213,915.00 - National Science Foundation, Washington, D. C., Socio-Behavioral Responses to Chemical Hazards, Department of Sociology (E. L. Quarantelli and V. A. Taylor), 1 September 1978 through 31 August 1979. (Project 760714 - Continuation)

\$161,876.00 - Department of Justice, National Institute of Corrections, Washington, D. C., Training Correctional Agency Trainers, The Center for Vocational Education (R. E. Taylor), 18 August 1978 through 17 May 1979. (Project 761286 - New)

October 6, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$153,675.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., Vocational-Technical Education Leadership Development, Graduate School (J. B. LaPidus) and Academic Faculty of Vocational-Technical Education (A. J. Miller), 1 September 1978 through 31 August 1979. (Project 761272 - Continuation)

\$139,536.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Nursing, Hyattsville, Maryland, Professional Nurse Traineeship Program, School of Nursing (E. L. Fritz), 1 August 1978 through 31 July 1979. (Project 760803 - Continuation)

\$135,972.00 - Department of State, Agency for International Development, Washington, D. C., Rural Poor Survey in El Salvador: Landless, Women and Off Farm Employment, Department of Agricultural Economics and Rural Sociology (W. L. Flinn), 21 July 1978 through 20 January 1980. (Project 761220 - New)

\$119,900.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Development of an Assay for Genetic Damage to Mammary Gland Cells, Department of Radiology (R. W. Hart) and Departments of Radiology and Pharmacology (S. D'Ambrosio and F. B. Daniel), 1 September 1978 through 31 August 1979. (Project 761268 - New)

\$93,287.00 - Department of Health, Education and Welfare, Region V Office, Office of Human Development Services, Administration for Children, Youth and Families, Chicago, Illinois, Assessing Training Needs in the Child Welfare Agency: A "How To" Package, College of Social Work (R. O. Washington and N. J. Rindfleisch), 1 August 1978 through 31 July 1979. (Project 761277 - New)

\$92,860.00 - Department of the Interior, Fish and Wildlife Service, Washington, D. C., Bilateral Assymetry in Freshwater Fishes as an Index of Environmental Contamination, Department of Zoology (T. J. Peterle, B. L. Griswold and R. A. Tassava), 1 July 1978 through 30 September 1980. (Project 761255 - New)

\$92,600.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., A Demonstration: Effecting Incremental Improvements in K-12 Career Education, The Center for Vocational Education (R. E. Taylor and B. Fitch), 1 July 1978 through 30 June 1979. (Project 761205 - New)

\$92,152.00 - Department of Health, Education and Welfare, Office of Education, Teacher Corps, Washington, D. C., Teacher Corps Operations and Training, Academic Faculty of Early and Middle Childhood Education (C. R. Williams), 15 July 1978 through 14 July 1979. (Project 761178 - New)

October 6, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$90,444.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Associated Health Professions, Hyattsville, Maryland, Family Centered Program on Intervention, Nisonger Center for Mental Retardation (M. F. Chase), 1 July 1978 through 30 June 1979. (Project 760710 - Continuation)

\$87,459.00 - Environmental Protection Agency, Washington, D. C., Application of Fourier Transform Spectroscopy to Air Pollution Problems, Departments of Physics (J. H. Shaw) and Chemistry (J. G. Calvert), 15 July 1978 through 14 July 1979. (Project 760279 - Continuation)

\$86,300.00 - National Science Foundation, Washington, D. C., Electromagnetic Scattering Properties of Hydrometeors and Their Application to Radar Meteorology, Department of Electrical Engineering (T. A. Seliga), 1 July 1978 through 30 June 1979. (Project 760641 - Continuation)

\$85,312.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., The Columbus Area Reading Academy, College of Social Work (B. Cantrell), 1 September 1978 through 31 August 1979. (Project 760486 - Continuation)

\$79,922.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, The Role of Oxygen Radicals on Effector/Tumor Cells, Department of Medicine (A. L. Sagone), 1 September 1978 through 31 August 1979. (Project 761287 - New)

\$78,580.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Hypocholesterolemic Agents: Stereochemical Studies, College of Pharmacy (D. T. Witiak), 1 September 1978 through 31 August 1979. (Project 762769 - Continuation)

\$77,747.00 - National Science Foundation, Washington, D. C., An Experimental Analysis of a Predator-Prey System, Department of Zoology (R. A. Stein and S. B. Cook), 1 October 1978 through 30 September 1980. (Project 760843 - Continuation)

\$74,354.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., A Grant in Support of the Administration of the Cooperative Education Program at The Ohio State University, Department of Mechanical Engineering (W. L. Starkey), 1 September 1978 through 31 August 1979. (Project 761269 - Continuation)

\$70,000.00 - National Science Foundation, Washington, D. C., Genome Organization and Control of Gene Expression in Neurospora, Department of Biochemistry (G. A. Marzluf), 1 September 1978 through 31 August 1980. (Project 761252 - New)

October 6, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$69,957.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Pain Mechanisms After Spinal Cord Lesions, Department of Anatomy (J. C. Bresnahan), 1 September 1978 through 31 August 1979. (Project 761283 - New)

\$68,690.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Myelin Biosynthesis and Turnover, Department of Physiological Chemistry (L. A. Horrocks), 1 August 1978 through 31 July 1979. (Project 711354 - Continuation)

\$68,286.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Mechanisms of Mitochondrial Transmission Genetics, Department of Genetics (C. W. Birky and P. S. Perlman), 1 August 1978 through 31 July 1979. (Project 760122 - Continuation)

\$67,121.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Development of Prostaglandin System Antagonist, Department of Physiological Chemistry (H. W. Sprecher), 15 August 1978 through 14 August 1981. (Project 761288 - New)

\$64,406.00 - National Science Foundation, Washington, D. C., Theory of Social Impact, Department of Psychology (B. Latane), 1 September 1978 through 31 August 1979. (Project 760845 - Continuation)

\$60,224.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Developmental Biology - Interdisciplinary, Department of Zoology (R. A. Tassava), 1 July 1978 through 30 June 1979. (Project 760744 - Continuation)

\$54,164.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, Washington, D. C., Electrocatalysis of Oxygen Using Water Soluble Metal Porphyrins and Chemically Modified Porphyrin Electrodes, Department of Chemistry (T. Kuwana), 1 September 1978 through 31 August 1979. (Project 761254 - New)

\$52,544.00 - National Science Foundation, Washington, D. C., The Systematics and Chemistry of Compositae of the Juan Fernandez Islands, Department of Botany (T. F. Stuessy), 1 October 1978 through 30 September 1980. (Project 761267 - New)

October 6, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$52,222.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Polyfunctional Catalysis, Department of Chemistry (J. Hine), 1 August 1978 through 31 July 1979. (Project 760064 - Continuation)

\$51,725.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Spectroelectrochemistry of Bio-Electron Transfers, Department of Chemistry (T. Kuwana), 1 September 1978 through 31 August 1979. (Project 763359 - Continuation)

\$51,083.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Ion Transport by Heart Mitochondria, Department of Physiological Chemistry (G. P. Brierley), 1 September 1978 through 31 August 1979. (Project 760026 - Continuation)

\$48,825.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., Foreign Language and Area Fellowships, Graduate School (J. B. LaPidus), 1 July 1978 through 30 June 1979. (Project 761270 - New)

\$48,660.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Surface Differentiation of Developing Hemic Cells, Department of Anatomy (G. A. Ackerman), 1 September 1978 through 31 August 1979. (Project 761280 - New)

\$48,574.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, Washington, D. C., Cardiovascular, Renal and Respiratory Effects of High Intensity, Intermediate Duration, Low Frequency Vibration, Departments of Aeronautical and Astronautical Engineering (R. M. Nerem) and Surgery (F. J. Cornhill), 1 October 1978 through 30 September 1979. (Project 760719 - Continuation)

\$47,903.00 - Department of Health, Education and Welfare, Region V Office, Office of Human Development Services, Administration for Children, Youth and Families, Chicago, Illinois, Child Welfare Services Training Grant (Traineeship), College of Social Work (R. O. Washington), 1 July 1978 through 30 June 1979. (Project 761265 - New)

\$45,543.00 - Environmental Protection Agency, Chicago, Illinois, Monitoring for the Maumee River Basin Pilot Watershed Study, Department of Agronomy (T. L. Logan), 1 July 1978 through 30 June 1979. (Project 761230 - New)

October 6, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$44,540.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Clinical Implications of Vergence-Anomaly, College of Optometry (R. Jones), 1 August 1978 through 31 July 1979. (Project 761249 - New)

\$44,519.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Environmental Research Laboratories, Boulder, Colorado, Multiple Scattering of Centimeter and Millimeter Waves in Precipitating Media, Department of Engineering Mechanics (V. K. Varadan and V. V. Varadan) and Engineering Experiment Station (T. A. Seliga), 1 September 1978 through 31 August 1979. (Project 761261 - New)

\$44,037.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Isolation and Genetic Analysis of Sporulation Genes, Department of Microbiology (D. H. Dean), 1 August 1978 through 31 July 1979. (Project 761218 - New)

\$40,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Sonar Scattering Cross Section and Resonances of Elastic and Viscoelastic Objects Immersed in Water, Department of Engineering Mechanics (V. K. Varadan and V. V. Varadan), 1 October 1978 through 30 September 1979. (Project 761251 - New)

\$39,356.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Sound Transmission in Lung, Department of Veterinary Physiology and Pharmacology (D. A. Rice), 1 August 1978 through 31 July 1979. (Project 760728 - Continuation)

\$34,798.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, A Comparative Metabolism Study of Pah Analogues, Department of Pharmacology (L. K. Wong), 1 August 1978 through 31 July 1979. (Project 761258 - New)

\$34,681.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Biochemical Applications of Osmium Chemistry, Department of Biochemistry (E. J. Behrman), 1 September 1978 through 31 August 1979. (Project 760123 - Continuation)

\$34,571.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Intestinal Secretion Neurochemical Receptor Mechanisms, College of Pharmacy (T. S. Gaginella), 1 September 1978 through 31 August 1979. (Project 761266 - New)

October 6, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$31,363.00 - Department of Health, Education and Welfare, Region V Office, Office of Human Development Services, Administration for Children, Youth and Families, Chicago, Illinois, Child Welfare Services Training Grant (Teaching), College of Social Work (R. O. Washington), 1 July 1978 through 30 June 1979. (Project 761264 - New)

\$26,655.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, Washington, D. C., Perceptual-Motor Limitations in Tracking Discontinuous Inputs, Department of Psychology (R. Jagacinski), 15 September 1978 through 14 September 1979. (Project 761260 - New)

\$25,000.00 - Department of the Army, Ballistic Missile Defense Systems Command, Huntsville, Alabama, Advanced Numerical Optical Concepts, Department of Electrical Engineering, ElectroScience Laboratory (S. A. Collins), 18 August 1978 through 18 November 1978. (Project 760625 - Continuation)

\$21,402.00 - Department of Health, Education and Welfare, Office of Human Development, Office of Rehabilitation Services, Region V, Chicago, Illinois, Traineeships in Speech Pathology and Audiology, Department of Communication (E. J. Hardick), 1 September 1978 through 31 August 1979. (Project 760885 - Continuation)

\$16,574.00 - Department of Health, Education and Welfare, Office of Human Development, Rehabilitation Services Administration, Washington, D. C., Teaching Grant in Occupational Therapy, School of Allied Medical Professions (H. K. Grant), 1 September 1978 through 31 August 1979. (Project 760839 - Continuation)

\$14,997.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, A Study of Tactual Sensing and Transmittal of Information, Departments of Aviation (R. D. Gilson) and Psychology (R. J. Jagacinski), 1 July 1978 through 30 September 1978. (Project 760476 - Continuation)

\$11,500.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Techniques for Optical Power Limiting, Department of Electrical Engineering, ElectroScience Laboratory (J. Meadors), 25 August 1978 through 18 January 1979. (Project 760547 - Continuation)

\$11,500.00 - Department of Health, Education and Welfare, Office of Human Development, Region V, Office of Rehabilitation Services, Chicago, Illinois, Traineeships in Occupational Therapy, School of Allied Medical Professions (H. K. Grant), 1 September 1978 through 31 August 1979. (Project 760838 - Continuation)

October 6, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$10,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Electronic Search Technology Applicable to the SETI (Search for Extraterrestrial Intelligence) Program, Department of Electrical Engineering (J. D. Kraus and R. S. Dixon), 1 August 1978 through 31 July 1979. (Project 760413 - Continuation)

\$8,688.00 - Department of Health, Education and Welfare, Office of Human Development, Office of Rehabilitation Services, Region V, Chicago, Illinois, Teaching Grant and Traineeships in Physical Therapy, School of Allied Medical Professions (F. M. Pierson), 1 September 1978 through 31 August 1979. (Project 760804 - Continuation)

\$5,000.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Changes in the Organ of Hearing Produced by Sound, Department of Otolaryngology (D. J. Lim and W. Melnick), 1 September 1978 through 31 January 1979. (Project 760628 - Continuation)

\$3,880.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, FT-Infrared Spectroscopy of Heart Muscle Energetics, Department of Physiological Chemistry (J. S. Rieske), 1 June 1978 through 30 November 1978. (Project 764200 - Continuation)

\$2,256.00 - Department of the Air Force, Electronic Systems Division, Air Force Systems Command, Hanscom Air Force Base, Massachusetts, Extending the Geometrical Theory of Diffraction Using the Moment Method, Department of Electrical Engineering, ElectroScience Laboratory (G. A. Thiele), 1 September 1978 through 30 September 1978. (Project 761245 - New)

\$2,000.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Design and Synthesis of Fraudulent Sugars Related to Daunomycin, Department of Chemistry (D. Horton) 30 June 1978 through 30 September 1978. (Project 760282 - Continuation)

\$1,735.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, A Search for Variations in the Spectrum of γ Cassiopeia, Department of Astronomy (A. E. Slettebak), 15 August 1978 through 14 August 1979. (Project 761253 - New)

\$42.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Energy Output and Efficiency of Left Ventricle, Department of Physiology (H. P. Pieper), 1 June 1977 through 31 May 1978. (Project 764403 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$4,413,892.00**

October 6, 1978 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

\$100,000.00 - State of Ohio, Department of Commerce, Division of Real Estate, Columbus, Ohio, Center for Real Estate Education and Research, College of Administrative Science (R. L. Racster), 1 July 1978 through 30 June 1979. (Project 761257 - New)

\$49,032.00 - State of Ohio, Division of Mental Retardation and Developmental Disorders, Columbus, Ohio, Development and Demonstration of a Habilitative Program for Disturbed Retarded Institutional Residents, Nisonger Center for Mental Retardation (B. Edmonson), 1 August 1978 through 30 June 1979. (Project 761247 - New)

\$30,287.00 - State of Ohio, Department of Mental Health and Mental Retardation, Columbus, Ohio, Clinicopathological Study of Aging and Dementia, Department of Pathology (L. Liss), 1 September 1978 through 30 June 1979. (Project 761276 - New)

\$22,000.00 - State of Ohio, Department of Education, Division of Special Education, Worthington, Ohio, Multifaceted Educational Assessment of Severely Profoundly Retarded Children, Academic Faculty of Exceptional Children (J. L. Collins) 1 May 1978 through 30 November 1978. (Project 761232 - New)

\$19,999.00 - State of Ohio, Advisory Council for Vocational Education, Columbus, Ohio, Analysis of Services Provided for Handicapped Students Enrolled in Vocational Education Programs in Ohio, The Center for Vocational Education (R. E. Taylor), 1 June 1978 through 31 May 1979. (Project 761136 - New)

\$15,060.00 - State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, Impact of the Nematode Parasite *Eustrongylides tubifex* on Yellow Perch in Lake Erie, Department of Zoology (J. L. Crites) and Center for Lake Erie Area Research, College of Biological Sciences (J. Reutter), 24 July 1978 through 23 July 1979. (Project 761248 - New)

\$14,991.00 - The Ohio Program in the Humanities, Columbus, Ohio, Human Values in an Institution for Older Americans, Department of Psychology (R. Scott), 23 June 1978 through 31 May 1979. (Project 761246 - New)

\$12,000.00 - State of Ohio, Department of Transportation, Columbus, Ohio, The Transportation of Hazardous Materials: A Feasibility Study, The Center for Vocational Education (R. E. Taylor), 1 July 1978 through 31 January 1979. (Project 761207 - New)

\$1,307.00 - The Ohio Program in the Humanities, Columbus, Ohio, Proud Black Images: Radio Presentations, Department of Black Studies (C. Nesbitt), 31 July 1978 through 31 July 1979. (Project 761256 - New)

October 6, 1978 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)

\$605.00 - State of Ohio, Department of Energy, Columbus, Ohio, Energy Exhibit at the Farm Science Review, Cooperative Extension Service (G. Gist), 23 August 1978 through 30 September 1978. (Project 761282 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$265,281.00

Industrial, Private and Other Non-Federal Research Contracts/Grants

\$129,600.00 - World Health Organization, Human Reproduction Unit, 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 1978 through 30 June 1979. (Project 760113 - Continuation)

\$25,000.00 - City of Columbus, Department of Finance, Management Services Division, Columbus, Ohio, Quality of Working Life Demonstration Effort in Columbus, Academic Faculty of Labor and Human Resources (D. M. Ronchi), 23 August 1978 through 22 August 1979. (Project 760790 - Continuation)

\$24,200.00 - National Foundation March of Dimes, White Plains, New York, Regulation of Dihydrofolate Reductase Gene Expression in Resting and Growing Fibroblasts, Department of Biochemistry (L. F. Johnson), 1 September 1978 through 31 August 1979. (Project 761289 - New)

\$17,500.00 - Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination: The Effect of Age, Institute for Research in Vision (O. M. Blackwell and H. R. Blackwell), 1 July 1978 through 30 June 1979. (Project 760716 - Continuation)

\$15,000.00 - Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination, Institute for Research in Vision (S. W. Smith), 1 July 1978 through 30 June 1979. (Project 760717 - Continuation)

\$13,956.00 - Phi Delta Kappa, Bloomington, Indiana, Lecturer in Residence - Climate on Learning, College of Education (D. P. Anderson), 1 October 1978 through 30 June 1979. (Project 761263 - New)

\$12,370.00 - City of Dayton, Office of Management and Budget, Dayton, Ohio, Municipalities and Energy Emergency Contingency Planning, College of Law (P. M. Gerhard) and Program for Energy Research, Education and Public Service, Graduate School (W. B. Moreland), 2 August 1978 through 1 February 1979. (Project 761281 - New)

October 6, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$9,880.00 - Otterbein College, Westerville, Ohio, Assistance with Administration, Counseling, Programmatic and Training Services, Academic Faculty of Special Services (R. F. Rodgers), 28 August 1978 through 15 June 1979. (Project 761279 - New)

\$6,498.00 - Electric Power Research Institute, Palo Alto, California, Two-Phase Fluid Scanning Gamma-Ray Densitometer, Department of Mechanical Engineering (P. A. Schlosser and F. A. Kulacki), 16 May 1978 through 30 September 1978. (Project 760796 - Continuation)

\$6,000.00 - American Cancer Society - Ohio Division, Inc., Cleveland, Ohio, Role of Adenosine Deaminase in Normal Immune Function and Malignancy, Department of Medicine (M. Grever and S. P. Balcerzak), 1 July 1978 through 30 June 1979. (Project 761259 - New)

\$6,000.00 - American Cancer Society - Ohio Division, Inc., Cleveland, Ohio, Complement in Acute Leukemia: Its Role in Host Defenses Against Leukemia Cells and Bacteria, Department of Medicine (E. Kraut), 1 July 1978 through 30 June 1979. (Project 761262 - New)

\$5,438.00 - Mississippi State Department of Education, Jackson, Mississippi, Technical Assistance for Leadership Development Conference in Career Education/Career Guidance for State Department of Education Personnel, The Center for Vocational Education (R. E. Taylor), 1 July 1978 through 31 August 1978. (Project 768002 - New)

\$4,100.00 - Otterbein College, Westerville, Ohio, Assistance with Administration, Programming, and Policy Analysis, Academic Faculty of Special Services (R. F. Rodgers), 7 September 1978 through 7 June 1979. (Project 761278 - New)

\$2,875.00 - The Procter and Gamble Company, Cincinnati, Ohio, An Animal Model for the Study of Osteosarcoma in Man; MSV-M-Induced Bone Tumor in the NIH Black Rat, Department of Veterinary Pathobiology (C. C. Capen), 1 January 1978 through 31 March 1979. (Project 760558 - Continuation)

\$2,800.00 - Montgomery County School District, County Government Plaza, Dayton, Ohio, Applied Behavior Analysis in Classroom Setting for Moderately and Severely Handicapped, Academic Faculty of Exceptional Children (P. A. Looney), 1 April 1978 through 30 June 1978. (Project 761275 - New)

\$2,400.00 - 70001 Ltd., Newark, Delaware, Technical Assistance, The Center for Vocational Education (R. E. Taylor), 1 August 1978 through 31 August 1978. (Project 768015 - New)

October 6, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$2,100.00 - Iowa State Department of Education, Bettendorf, Iowa, Technical Assistance, The Center for Vocational Education (R. E. Taylor), 1 August 1978 through 31 August 1978. (Project 768016 - New)

\$1,712.00 - The Christ Hospital, Cincinnati, Ohio, Technical Assistance, The Center for Vocational Education (R. E. Taylor), 1 July 1978 through 31 July 1978. (Project 768001 - New)

\$1,000.00 - Muscular Dystrophy Association, Inc., New York, New York, Correlation of Morphology and Axoplasmic Transport in the Dying-back Process of Peripheral Nerve Degeneration, Department of Medicine (J. Mendell and Z. Sahenk), 1 July 1978 through 30 June 1979. (Project 760978 - Continuation)

\$210.00 - Elkhart Teacher Center, Elkhart, Indiana, Technical Assistance, The Center for Vocational Education (R. E. Taylor), 1 August 1978 through 31 August 1978. (Project 768017 - New)

**TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL
RESEARCH CONTRACTS/GRANTS** **\$288,639.00**

ENGINEERING EXPERIMENT STATION

State of Ohio Sponsored Research

\$24,458.00 - State of Ohio, Department of Transportation, Columbus, Ohio, for Development and Evaluation of Procedures to Assess Accuracy and Precision of the Ohio Skid Measurement Systems, Department of Industrial and Systems Engineering, August 1, 1978 through January 31, 1979. (EES 585/529065)

Industrial and Other Sponsored Research

\$22,038.00 - City of Columbus, Columbus, Ohio, for Elimination of Filamentous Blue-Green Algae at the Southerly Sewage Treatment Plant, Department of Civil Engineering, October 12, 1978 through October 11, 1979. (EES 547/529027, Extension 2)

October 6, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More

\$50,000.00 - Battelle Memorial Institute, Columbus, Ohio, for Battelle/Ohio State University Partnership in Engineering Education Fund.

\$41,506.00 - Estate of William N. Carson, Schenectady, New York, for the Dr. William Marshall MacNevin Memorial Fund.

\$35,000.00 - Wolfe Associates, Inc., Columbus, Ohio, for the Judson D. Wilson Professorship in Orthopedic Surgery.

\$25,000.00 - The Ford Foundation, New York, New York: \$13,250.00 for the Professional Studio Training in the Visual Arts Fund and \$11,750.00 for the Professional Training in the Visual Arts Scholarship Fund.

\$16,617.23 - Consolidated Business Services, Inc., Columbus, Ohio, for the Department of Medicine General Fund.

\$15,730.58 - Systems Associates, Columbus, Ohio: \$8,154.27 for the Department of Medicine General Fund and \$7,576.31 for the Cardiology Support Fund.

\$14,150.00 - The Refractories Institute, Pittsburgh, Pennsylvania, for the Refractories Institute Research Fund.

\$13,000.00 - The City Loan and Savings Company, Lima, Ohio, for the WOSU Support Fund.

\$12,000.00 - Mansfield OSU Campus Fund, Mansfield, Ohio, for the Mansfield Campus Scholarship Fund.

\$10,500.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund for scholarships in the College of Medicine.

\$10,122.00 - John P. Courtright, Marion, Ohio, for the Student Athlete Grant-In-Aid Fund.

\$10,000.00 - Dr. John Peter Minton, Columbus, Ohio, for the Cancer Research Fund - Dr. Minton.

\$10,000.00 - Ohio Florists Association Fellowship Fund, Columbus, Ohio, for the Ohio Florists Association Fellowship Fund.

\$10,000.00 - Ross Laboratories, Columbus, Ohio, for the Gastrointestinal Cancer Research Fund.

October 6, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$8,439.37 - Frederick H. Davidorf, M.D., Inc., Columbus, Ohio (given in the name of Frederick H. Davidorf, M.D.): \$7,439.37 for the Retina Research Fund and \$1,000.00 for the Ophthalmology Art Work Fund.

\$6,454.07 - Westfield Companies, Westfield, Ohio, for the Ohio 4-H Foundation Support Fund.

\$6,340.00 - The Ohio Historical Society (given in the name of H. Lee Mathews, Worthington, Ohio), for the Marketing Faculty Support Fund.

\$6,160.50 - Robert T. Ewing Charitable Trust, Monroe, Michigan, for the College of Medicine Progress Fund.

\$6,000.00 - Central Ohio Center for Economic Education, Columbus, Ohio, for the Center for Economic Education.

\$6,000.00 - Difco Laboratories, Detroit, Michigan, for the Infectious Disease Research Fund.

\$5,753.86 - Richard H. Keates, M.D., Inc., Columbus, Ohio (given in the name of Richard H. Keates, M.D.), for the Eye Bank Fund.

\$5,400.00 - Marion Area College Foundation, Inc., Marion, Ohio, for the Marion Campus Scholarship Fund.

\$5,075.46 - The Grand Chapter of Ohio, Order of the Eastern Star, New Lexington, Ohio, for the Cancer Research Fund - Dr. Minton.

\$5,000.00 - Grand Chapter, Phi Beta Psi Sorority, Lima, Ohio, for the Cancer Research Fund - Dr. Minton.

\$5,000.00 - Chauncey D. Leake and Elizabeth W. Leake Trust, San Francisco, California, for the Chauncey D. Leake and Elizabeth W. Leake Alternate Year Lecture/Student Essay Award.

Establishment of Named Funds

The Robert Watson Scholarship Fund

The Robert Watson Scholarship Fund was established October 6, 1978, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Lily G. Watson, of Columbus, Ohio.

October 6, 1978 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 Robert Watson 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 right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for deserving undergraduate boys in the College of Agriculture and Home Economics who are enrolled and studying in the Department of Animal Science. Each scholarship shall be for an amount sufficient to pay matriculation, tuition, laboratory or breakage, and any other necessary fees for a period of two (2) years. The selection of the recipient is to be made upon the recommendation of the Department of Animal Science and the Dean of the College of Agriculture and Home Economics in cooperation with the University Scholarship 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 animal science education.

The Rodger and Donelda Maddex Scholarship in Nursing

The Rodger and Donelda Maddex Scholarship in Nursing was established October 6, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Karen S. Maddex, B.S.Nurs. '72, in memory of her parents Rodger and Donelda Maddex.

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

The income is to be used to provide one or more scholarships to students enrolled in the School of Nursing who have demonstrated academic ability and need for financial assistance. Selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of the Director of the School of Nursing.

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 the appropriate administrative official of the University who is directly responsible for nursing education.

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October 6, 1978 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECTS/ENGINEERS

CLASSROOM IMPROVEMENTS

Resolution No. 79-44

Synopsis: Improvements to meet needs of occupants.

WHEREAS a survey by the Scheduling Office was made of classrooms and lecture halls in older buildings and it was found that many need improvements to meet contemporary standards; and

WHEREAS the available funds will be used to improve as many of the selected rooms as possible in the Botany and Zoology Building, Campbell Hall, Denney Hall, Hagerty Hall, Evans Laboratory, Hitchcock Hall, Lazenby Hall, Smith Laboratory, Ramseyer Hall, Mendenhall Laboratory, Sullivant Hall, Welding Engineering Building and McPherson Laboratory; and

WHEREAS the improvements will include work related to improved lighting, acoustical treatment, chalkboards, lecture platforms, seating, teaching aids, improved flooring and improvements in the visual and thermal environments:

NOW THEREFORE

BE IT RESOLVED, That the firm of Wandel & Schnell, Architects, of Columbus, Ohio, be employed to provide complete architectural services for this project, including the preliminary plans, basic drawings, specifications, estimates of cost, necessary bidding documents, and supervision of construction; and

BE IT FURTHER RESOLVED, That the fee for this service be negotiated between the firm and the Department of Administrative Services, Division of Public Works, with the total project cost being \$300,000 with funds provided from Amended Substitute House Bill 618, Utilities and Renovation 1977-79 Biennium.

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

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DENTISTRY LABORATORIES RENOVATION (ORAL SURGERY)

Resolution No. 79-45

Synopsis: Expansion of oral surgery area to meet expanded enrollment and patient requirements.

WHEREAS the College of Dentistry's Oral and Maxillofacial Surgery is presently located in Rooms 2132 and 2105 of Wendell Postle Hall and oral surgery enrollment needs cannot

October 6, 1978 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECTS/ENGINEERS (contd)

DENTISTRY LABORATORIES RENOVATION (ORAL SURGERY) (contd)

be met at present because of the limited provision of eight chairs and support space, the proposed renovation of approximately 4,000 square feet of space in Rooms 2105, 2121 and 2132 is intended to provide an additional nine clinic chairs and to alter and renovate two surgery areas, a surgery recovery suite and the department's administrative area; and

WHEREAS the renovation is needed for several reasons

To expand number of operations commensurate with instruction and service demands,

To provide facilities which permit and encourage the best dental practice,

To provide better patient service,

To reduce encroachment on other program space, and

To respond to recommendations of the accreditation committee of the Council of Dental Education:

NOW THEREFORE

BE IT RESOLVED, That the firm of John S. Coke and Associates of Columbus, Ohio be employed to provide complete architectural services for this project, including the preliminary plans, basic drawings, specifications, estimates of cost, necessary bidding documents, and supervision of construction; and

BE IT FURTHER RESOLVED, That the fee for this service be negotiated between the firm and the Department of Administrative Services, Division of Public Works, with the total project cost being \$127,000 with funds provided from Amended Substitute House Bill 618, Utilities and Renovation 1977-79 Biennium.

Upon motion of Dr. Jacob, seconded by Mr. Devenow, the foregoing resolution was adopted by unanimous roll call vote.

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PLANS AND SPECIFICATIONS

Resolution No. 79-46

Synopsis: Plans and specifications have been completed for two projects and are recommended for approval.

WHEREAS at the request of the Vice President for Business and Administration the plans and specifications, bills of material and estimates of cost for the following projects are presented for approval:

October 6, 1978 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

ENERGY MODIFICATIONS TO BUILDINGS (PROJECT I)

Project: Energy reducing modifications to buildings based on completed detailed energy reports. The work includes reducing air volumes and fan power and controls by time clocks and non-hazardous exhaust, reduced equipment operating hours, and various control changes to reduce the heating and cooling of outdoor air entering buildings, and providing outdoor air for natural cooling when feasible. The base bid includes modifications to be accomplished in Postle Hall, Fawcett Center for Tomorrow, and Caldwell Laboratory. Alternate bids for additional similar modifications will be taken for work in the Law Building, Newton Hall, Mansfield Campus, Marion Campus, Scott Hall, West Hall and Laboratory Animal Facilities.

The overall average payback in energy savings will be accomplished in approximately two years from the work involved on this project.

Funding: H.B. 618 (Utilities and Renovation 1977-79 Biennium)

Estimated Project Cost: \$510,000.00

ENERGY MODIFICATIONS TO BUILDINGS (PROJECT II)

Project: This project involves installation of electrically driven water chillers in Graves Hall and Baker Systems Engineering to combine with existing steam-power absorption chiller machines which will permit selection of the most economical energy source. Since both of these plants in Graves Hall and Baker Systems Engineering are required to operate 24 hours per day, the provision of the most efficient fuel selection resulting from this project work will provide a payback in savings of energy in approximately five years. The Evans Laboratory request as an alternate bid, includes recovering of heat from the large volume of chemical hood exhaust to provide a heating source for heating the outdoor make-up air.

Funding: H.B. 618 (Utilities and Renovation 1977-79 Biennium)

Estimated Project Cost: \$480,000.00

October 6, 1978 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

ENERGY MODIFICATIONS TO BUILDINGS (PROJECT II) (contd)

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for these projects, and if satisfactory bids are received to recommend the award of the necessary contracts in accordance with the established University procedures; and that this action be reported at a later meeting.

Upon motion of Mr. Devenow, seconded by Mr. Havens, 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. 79-47

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

WHEREAS the resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Secretary of the Board of Trustees to sign the plans and specifications, and for the President and/or Vice President for Business and Administration to request bids and recommend award of contracts, in accordance with the established University procedures for each of the following projects:

NINTH AVENUE PARKING RAMP

Description: This project will provide for a parking ramp for approximately 1,088 vehicles. The ramp will be located west of Neil Avenue in the block bounded by Ninth Avenue, Eighth Avenue, Belmont Avenue and Michigan Avenue.

Date Received:	August 30, 1978
No. of Bids:	7
Low Bid:	\$3,560,800.00*
High Bid:	\$4,486,800.00*
Estimate of Cost:	\$4,128,000.00*

*Recommended alternates reflected in this figure.

October 6, 1978 meeting, Board of Trustees

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

NINTH AVENUE PARKING RAMP (contd)

Awarded to:	J. P. O'Connor Company (Columbus, Ohio)
Total Contract:	\$3,560,800.00*
Total Contingency Allowance:	\$ 51,396.00 which is 1 per cent of construction costs
Total Project Cost:	\$4,450,000.00**
Funding:	Budget Account 882029 (Ninth Avenue Parking Ramp)

*Recommended alternates reflected in this figure.

**Total project cost also includes money for the plumbing and electrical work necessary; the Design/Construct Contract includes provisions for design of electrical and plumbing work which will allow for bidding through the Division of Public Works. After acceptable bids are received, this work will be assigned to the Design/Construct Contractor.

WEST CAMPUS - PARKING LOT REPAIR AND RESURFACING

Description: Repair and surface treat existing parking lot south of Carmack Road.

Date Received:	September 7, 1978
No. of Bids:	5
Low Bid:	\$ 69,909.00
High Bid:	\$138,314.00
Estimate of Cost:	\$112,500.00
Awarded to:	Baker Construction Company (Columbus, Ohio)
Total Contract:	\$ 69,909.00
Total Contingency Allowance:	\$ 6,990.90 which is 10 per cent of construction costs
Total Project Cost:	\$ 79,798.08
Funding:	Budget Account 885071 (Parking Revenues)

October 6, 1978 meeting, Board of Trustees

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

GOLF COURSE - REPLACEMENT OF PEDESTRIAN BRIDGE

Description: Replacement of pedestrian bridge at the No. 6 Scarlet tee and No. 7 Gray tee due to deterioration.

Date Received:	September 18, 1978
No. of Bids:	1
Low Bid:	\$41,673.00
Estimate of Cost:	\$43,800.00
Awarded to:	The Righter Company, Inc. (Columbus, Ohio)
Total Contract:	\$41,673.00
Total Contingency Allowance:	\$ 2,000.00 which is 4 per cent of construction costs
Funding:	Budget Account 316550 (Athletic Department Funds)

NOW THEREFORE

BE IT RESOLVED, That pursuant to the previous actions of the Board, construction projects were bid, contracts were recommended for award, the establishment of contingency funds, and the expenditures of project funds are hereby reported.

Dr. Sirak:

I have a question. Why is the contingency allowance sometimes four per cent, sometimes one per cent, sometimes ten per cent--what determines that percentage, Tom?

Mr. Thomas Smith:

Well on a remodeled job in an existing building, it's impossible to determine everything you are going to run into when you knock into a wall which you want to take out, you might find things in there that were never suspected.

Dr. Sirak: Don't your plans show them?

Mr. Thomas Smith:

Plans have been lost in some of them. If the building were built in 1916 or 1908 or 1928, the chances of the plans--even if we have the original building plans--

October 6, 1978 meeting, Board of Trustees

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

being up-to-date are extremely remote, so there are reasons for higher contingency allowances on old buildings. An item like the bridge, it is possible that there are foundation problems, perhaps with one of the existing piers which we do not know about until the water level is lowered, so the contingency here is fairly high, \$2,000 on a project of \$40,000.

Dr. Sirak:

Well, let me ask you further. How do you settle on four per cent? Why isn't it five per cent, or two per cent?

Dr. Moulton: Past experience.

Mr. Devenow: We've gone through that for four years now.

Dr. Moulton:

I think the record will show that seldom have we found it necessary to come back on a contingency although we have cut fairly close. Recently there has only been one project where we have had some difficulty with contingencies--the Music School addition. As the contractor got into the foundation he discovered under the old Armory which had been torn down that there was a swimming pool that was apparently covered over 60 or 70 years ago. This created a foundation problem. So there are circumstances that do develop that a contingency can't cover. Contingencies are built upon past experience and usually cover a moderate number of unauthorized expenditures. If the contingency is not used, the contingency can then be allocated to other priority items of the project.

Mr. Gushman: It's against the rule to save it?

Dr. Moulton:

You can save it and give it back to the State and in certain circumstances we have.

Dr. Sirak: I wouldn't mind.

Mr. Devenow:

But I think this is a bone of contention, I don't think we can blame Ned for this.

Dr. Sirak: I'm not blaming anybody, I'm just asking.

Mr. Devenow:

You have had this problem continually, haven't you? I think what Howard's looking for is some way you can put some parameters on it a little more definitive actually.

October 6, 1978 meeting, Board of Trustees

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

Mr. Thomas Smith:

The parameters that we have are based upon past judgment and as a remodeling job, I would think it would seldom reach ten per cent but it might be five or six. A real clean job might be two per cent, but I think those would be the normal range and depending upon . . .

Dr. Sirak: There was a one per cent in here . . .

Mr. Devenow: You mean we are very fortunate that they are not all ten per cent?

Mr. Thomas Smith: Right.

Dr. Sirak: OK, I guess.

President Enarson:

There is always the possibility of cemeteries and a lot of skeletons, too, that we could uncover.

Mr. Thomas Smith:

In the old Armory when we did look at the original plans about 1890 some, it was not called a swimming pool--it was a plunge.

Dr. Sirak: It was moved and seconded, could I have a roll call vote?

Upon motion of Dr. Jacob, seconded by Mr. Havens, the foregoing resolution was adopted by unanimous roll call vote.

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**LEASE OF LAND - DON SCOTT FIELD
ADDENDUM NO. 3 TO MALSR SYSTEM LEASE**

Resolution No. 79-48

Synopsis: Amendment to Lease No. DOT-FA73-GL-0318 is requested.

WHEREAS the Board of Trustees of The Ohio State University has received a request to amend Lease No. DOT-FA73-GL-0318 between the United States of America, Department of Transportation, Federal Aviation Administration, and the State of Ohio (The Ohio State University); and

October 6, 1978 meeting, Board of Trustees

**LEASE OF LAND - DON SCOTT FIELD
ADDENDUM NO. 3 TO MALSR SYSTEM LEASE (contd)**

WHEREAS said amendment to Lease No. DOT-FA73-GL-0318 provides for the addition of approximately sixteen square feet of land for the installation, operation and maintenance of a Cloud Height Indicator; and

WHEREAS it has been determined that the leasing of said land will not interfere with current or anticipated future use of adjacent University land:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Department of Administrative Services, Director of Public Works, pursuant to his statutory duties, to act for and on behalf of the University in completing the necessary legal instrument providing for such amendment.

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

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SALE OF PROPERTY - 370/158 MODEL U-35 IBM COMPUTER SYSTEM

Resolution No. 79-49

Synopsis: Sale of 370/158 Model U-35 IBM Computer System to Thomas Nationwide Computer Corp. is proposed.

WHEREAS in April, 1978 the Purchasing Department circulated invitations to bid for the purchase of a 370/158 Model U-35 IBM Computer System, Serial Number 23315 with modification, retained and used by University Systems and determined to be no longer necessary for the University's operation; and

WHEREAS in June, 1978 Thomas Nationwide Computer Corp. was notified that its bid had been accepted; and

WHEREAS sometime after the payment was due, Thomas Nationwide Computer Corp., for the first time requested, as a prerequisite to making payment, sundry title information and evidence of authority of University officials to execute certain requested documents relevant to the sale; and

WHEREAS in consideration for Thomas Nationwide Computer Corp.'s agreement to pay interest costs occasioned by delay resulting from complying with its request, the University is willing to undertake to accommodate that request, to the extent possible, notwithstanding the fact that such undertaking was not reflected in the bid documents nor a condition of the purchase contract:

October 6, 1978 meeting, Board of Trustees

SALE OF PROPERTY - 370/158 MODEL U-35 IBM COMPUTER SYSTEM (contd)

NOW THEREFORE

BE IT RESOLVED, That the bidding procedures and sale reflected in the above recitations are hereby ratified and confirmed and the Vice President for Business and Administration and the Treasurer, or either of them, be and the same hereby are authorized to execute any and all documents, including a Bill of Sale, which in the opinion of legal counsel are reasonably necessary to consummate the sale and delivery of the aforesaid IBM computer to Thomas Nationwide Computer Corp.

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

Dr. Sirak:

It's been moved and seconded. I would like to put in the record a commendation to Dr. Moulton and his department for the excellent job they did in securing its sale and the manner in which they accomplished such a good resale price.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 79-50

RESOLVED, That the report on the University's Investment Portfolio dated September 15, 1978, 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 - PROPERTY COMMITTEE

Dr. Vandament reported for the Property Committee whose members are Dr. Kuhn, Dr. Moulton, and Dr. Vandament on proposed improvements for four off-campus properties owned by the University.

After some discussion, Mr. Gushman proposed that the chairman appoint a committee of the Board to review the Barnebey Center operation. Dr. Sirak, in turn, appointed Mr. Galbreath and Mr. Smith to constitute such a review committee.

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REPORT - ENROLLMENT

President Enarson reported that a preliminary Autumn Quarter enrollment estimate shows a total enrollment of 55,816 students. While official figures will not be available until the

October 6, 1978 meeting, Board of Trustees

REPORT - ENROLLMENT (contd)

middle of October, the Columbus Campus estimate for the 14th day of the quarter was 51,306, 304 higher than in 1977. The estimate for the graduate student enrollment was up 278 to 9,418. The estimate for the non-Columbus campuses was set at 4,570 compared with last fall's 4,541.

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Thereupon the Board adjourned to meet Friday, November 3, 1978, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

Howard D. Sirak
Chairman

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND FORTY-SECOND MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, November 3, 1978

The Board of Trustees met at its regular monthly meeting on Friday, November 3, 1978, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Howard D. Sirak, Chairman, Chester Devenow, John D. Jacob, D. James Hilliker, John F. Havens and Daniel M. Galbreath.

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Minutes of the last meeting were approved.

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November 3, 1978 meeting, Board of Trustees

The Chairman, Dr. Sirak, 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 disputes involving the University that are the subject of imminent court action.

Present: Howard D. Sirak, Chairman, Chester Devenow, John D. Jacob, D. James Hilliker, John F. Havens and Daniel M. Galbreath.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

RESOLUTIONS IN MEMORIAM

Resolution No. 79-51

Synopsis: Resolutions honoring the service of one of this University's faculty members and a former member of the Board of Trustees 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.

Upon motion of Mr. Devenow, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Frederick W. Maguire

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 7, 1978, of Frederick W. Maguire, Professor Emeritus, School of Journalism. He was a faculty member at Ohio State for 24 years before his retirement in 1973.

A distinguished journalist and teacher, Professor Maguire was the recipient of two coveted national honors while he was editor-in-chief and assistant publisher of the *Lowell (Mass.) Telegram*: The Nieman Fellowship at Harvard University (awarded to only 10 newsmen in the U. S. annually) and the Sigma Delta Chi national award for courage in journalism.

While he was at Ohio State, the University's chapter of Sigma Delta Chi twice named him for the annual award for outstanding contributions to journalism.

Born in Berlin, New Hampshire, October 4, 1902, he grew to adulthood in Portland, Maine, where he attended high school.

Professor Maguire received his bachelor's degree from Dartmouth College and took graduate work at Harvard as a Nieman Fellow.

Before coming to Ohio State, he was a faculty member at Michigan State University.

November 3, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Frederick W. Maguire (contd)

During his career of more than 20 years as a journalist, Professor Maguire worked for the *Portland (Maine) Press Herald*, the *Brooklyn Eagle*, the *Boston Globe*, the *Louisville Courier Journal and Times*, and International News Service.

He was the author of numerous magazine articles and two books *A Study of the Massachusetts Legislature* and (with R. M. Spont) *Journalism and the Student Publication*.

Professor Maguire was a member of the American Association of University Professors, the American Political Science Association, the National Press Club (Washington, D. C.), Writers Guild of America, American Newspaper Guild, Sigma Delta Chi, and the Association for Education in Journalism.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy and sense of 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.

Smith L. Rairdon

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 27, 1978, of Smith L. Rairdon.

Mr. Rairdon gave many years of outstanding service to the University as a member and chairman of this Board, national president of the Alumni Association and member of the Association's Advisory Board. The University conferred upon him its Distinguished Service Award in 1965.

He was a former vice president and director of marketing for Owens-Illinois, Inc., of Toledo, serving as consultant on public affairs since his retirement in 1966.

He became district sales manager for Owens-Illinois in 1929 after five years with a predecessor firm. He was promoted to vice president of marketing administration in 1952, executive vice president in 1960 and to the Board of Directors in 1963. He also had been a director and vice president of National Petro Chemicals Corp. and a director of the Toledo Steel Tube Co.

He was a 1922 graduate of this University with a degree in business administration. His appointment as a trustee came in 1958 and he was Board chairman in 1964-65.

Mr. Rairdon headed Ohio State's alumni as national president from 1949-51 and was on the Association's Advisory Board for eight years.

He was a founder and former director of Keep America Beautiful, Inc., a national public service organization, and he was active also in other fraternal, service and health organizations.

November 3, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Smith L. Rairdon (contd)

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

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BUDGET SUMMARY (FOURTH QUARTER, 1978)

Resolution No. 79-52

Synopsis: The fourth quarter summary report of the current funds budget is presented for review.

WHEREAS the fourth quarter report of the current funds budget for fiscal year ending June 30, 1978 is presented for review; and

WHEREAS it is noted that the actual budget/expenditures and income do not represent significant changes from those presented for the third quarter; i.e., the income varies from the third quarter estimates by 1.5 per cent and the budget expenditure figures by 0.6 per cent from the third quarter budget due primarily to slower than anticipated expenditure of restricted funds; and

WHEREAS for the Columbus campus the variations were 1.5 per cent and 0.7 per cent for income and budget expenditures, respectively; and

WHEREAS the differences between budget/expenditures and income totals, due primarily to normal cash flow fluctuations, and capital expenditure replacements were less than 0.1 per cent:

NOW THEREFORE

BE IT RESOLVED, That the budget report for the fourth quarter, including transfers to plant funds processed for the fiscal year ending June 30, 1978, be accepted.

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

November 3, 1978 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
Current Funds Budget
Total Expenditures/Commitments
(In Thousands)

	Estimated 1977-78	Actual 1977-78
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$134,558	\$133,080
Libraries	7,364	7,524
Other Academic Support	2,464	2,047
Sponsored Programs Administration	2,102	2,005
Student Services	7,038	7,171
Plant Operation and Maintenance	22,826	22,755
Institutional Support	14,081	14,059
Total Instruction and General	\$190,433	\$188,641
Research		
Research Foundation	\$ 24,195	\$ 20,205
Engineering Experiment Station	1,818	1,518
University Sponsored Programs	731	938
Other	2,121	3,094
Total Research	\$ 28,865	\$ 25,755
Public Service		
University Hospitals	\$ 72,727	\$ 75,057
Cooperative Extension Service	17,925	17,959
Other	16,119	14,737
University Sponsored Programs	2,353	2,675
Conferences	2,160	2,183
Total Public Service	\$111,284	\$112,611
Student Aid	\$ 5,417	\$ 5,430

November 3, 1978 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
Current Funds Budget
Total Expenditures/Commitments
(In Thousands)

	Estimated 1977-78	Actual 1977-78
Columbus Campus (contd)		
Auxiliaries		
Student Housing	\$ 17,932	\$18,009
Intercollegiate Athletics	7,620	8,131
University Bookstores	4,467	4,350
Student Health Service	2,262	2,185
Student Unions	2,419	2,324
Parking Facilities	2,405	2,584
University Airport	1,688	1,934
Fawcett Center for Tomorrow	1,268	1,348
Other	1,147	1,244
Total Auxiliaries	\$ 41,208	\$ 42,109
TOTAL COLUMBUS CAMPUS	\$377,207	\$374,546
Regional Campuses		
Administration	\$ 171	\$ 150
Lima Campus	2,046	2,208
Mansfield Campus	2,219	2,358
Marion Campus	1,313	1,280
Newark Campus	2,023	1,874
Agricultural Technical Institute	2,233	2,282
Wright Patterson Graduate Center	175	163
TOTAL REGIONAL CAMPUSES	\$ 10,180	\$ 10,315
GRAND TOTAL	\$387,387	\$384,861

November 3, 1978 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
Current Funds Budget
Income to Support Budgets
(In Thousands)

	Estimated 1977-78	Actual 1977-78
Columbus Campus		
Government Appropriations		
State of Ohio	\$128,977	\$128,347
Federal	47,317	45,362
Other Governmental	5,231	5,326
Subtotal	\$181,525	\$179,035
Student Fees		
Instruction and General	\$ 54,150	\$ 54,222
Room and Board	15,028	15,095
Other	2,430	2,681
Subtotal	\$ 71,608	\$ 71,998
Other Income		
Auxiliary Sales and Charges	\$ 90,006	\$ 89,100
Department and University Services	18,270	15,782
Endowment Income	2,676	3,162
Gifts and Grants	12,382	11,842
Temporary Investments	2,600	2,602
Subtotal	\$125,934	\$122,488
TOTAL COLUMBUS CAMPUS	\$379,067	\$373,521
Regional Campuses		
Lima Campus	\$ 2,398	\$ 2,476
Mansfield Campus	2,519	2,507
Marion Campus	1,506	1,432
Newark Campus	2,289	2,085
Agricultural Technical Institute	2,402	2,449
Wright Patterson Graduate Center	175	137
TOTAL REGIONAL CAMPUSES	\$ 11,289	\$ 11,086
GRAND TOTAL	\$390,356	\$384,607

November 3, 1978 meeting, Board of Trustees

TRANSFERS TO PLANT FUNDS - FISCAL YEAR 1977-78

Account Description	Account Number	Transferred from Account Number	Amount
Unexpended Plant Funds:			
University Activities Center	082005	077435	\$ 22,500.00
Means Hall Elevator	082006	019000	(100,558.24)
Hospital Chiller System	082007	019000	(3,608.95)
Means Hall - ICU	082009	019000	(105,297.51)
Hospital - ICU	082013	019000	150,000.00
Eleventh Avenue Ramp	082014	016007	400,000.00
Derby Hall - Bookstore	082017	014002	(159.13)
Platform Tennis Courts	082023	010000	(3,886.57)
Land Purchases	082027	010000	130,415.42
		016014	160,000.00
		016300	124,131.00
Ninth Avenue Ramp	082029	016007	30,000.00
Traffic Signals	082030	016007	60,000.00
Newark - Phase III	082031	010971	55,000.00
Scott Hall Fire	085037	010000	149,958.74
Parking Lots	085038	016007	9,873.00
Roofs - Hospital and Upham Hall	085040	019000	(37,820.88)
Dormitory Contingency Fund	085049	010000	34,686.13
Lima Campus - Remodeling	085050	010928	4,580.00
Derby and Administration Building	085062	010000	81,500.00
Lima - Phase II - Remodeling	085063	010928	37,700.00
Galvin Hall and Technical Lab.	085064	010928	50,000.00
Rhodes Hall	085065	019000	500,000.00
Public Safety Building	085067	016007	6,000.00
Mansfield Parking Area No. 5	085068	010942	110,600.00
Goss Laboratory	085069	059155	25,943.00
Lincoln Tower - University Systems	085070	010000	73,605.00
Parking Lot Repairs	085071	016007	400,000.00
Baker Systems Engineering Building	085075	010000	42,549.00
Ramseyer Hall	085076	010000	40,000.00
Total Unexpended Plant Funds			\$ 2,447,710.01
Reserves - Repair and Replacement:			
Registration Services	086904	010000	\$ 2,785.00
University Systems	086906	010000	3,610.00
Business Management	086907	010000	14,050.00
University Treasurer	086908	010000	2,517.00
Physical Facilities	086909	010000	109,109.82
Police	086910	010000	23,700.00

November 3, 1978 meeting, Board of Trustees

TRANSFERS TO PLANT FUNDS - FISCAL YEAR 1977-78 (contd)

Account Description	Account Number	Transferred from Account Number	Amount
Reserves - Repair and Replacement: (contd)			
Traffic and Parking	086911	016007	80,000.00
Food Facility	086912	014002	26,000.00
		014100	21,000.00
Stores	086913	014001	10,000.00
		014002	2,000.00
		014004	28,000.00
Laundry	086914	014004	145,000.00
Office Equipment Repair	086915	014003	19,000.00
Printing Facility	086916	014002	150,000.00
Transportation	086917	010000	8,119.85
		014004	15,000.00
Bookstore	086918	014002	15,000.00
		014100	30,000.00
		014010	126,966.08
Physical Facilities	086920	014011	108,020.00
		011541	1,790.00
University Airport	086921	016014	59,829.24
Meats Laboratory	086922	011072	18,018.61
Fire Safety	086923	010000	1,205.29
Housing Commission No. 1	086924	016101	845.00
Housing Commission No. 2	086925	016102	820.00
University Properties	086926	016300	1,031.00
Endowment Properties	086927	016300	17,000.00
		016350	32,579.75
North Campus Apartments	086928	016390	312.00
Property Management	086929	016015	2,000.00
University Properties	086930	016300	2,140.00
Endowment Properties	086931	016300	7,000.00
		016350	53,400.15
North Campus Apartments	086932	016390	5,720.50
Housing Commission No. 1	086933	016101	6,333.00
Housing Commission No. 2	086934	016102	4,615.00
Drake Union	086935	016005	20,000.00
Ohio Union	086936	016020	20,000.00
Bookstore	086937	016003	6,382.00
Telecommunications Center	086938	011064	500,000.00
Rathskeller	086939	014100	19,000.00
University Hospital	086995	019000	6,572,306.00
University Hospital	086998	019000	21,494.00
Total Reserves - Repair and Replacement			\$ 8,313,699.29
TOTAL TRANSFERS TO PLANT FUNDS			\$10,761,409.30

November 3, 1978 meeting, Board of Trustees

TRANSFERS TO PLANT FUNDS - FISCAL YEAR 1977-78 (contd)

-Recap-

Current Unrestricted Funds	\$10,712,966.30
Current Restricted Funds	25,943.00
Total Current Funds	\$10,738,909.30
Endowment and Similar Funds	22,500.00
TOTAL TRANSFERS TO PLANT FUNDS	\$10,761,409.30

November 3, 1978 meeting, Board of Trustees

DEGREES AND CERTIFICATES - AUTUMN QUARTER COMMENCEMENT

Resolution No. 79-53

Synopsis: Approval is being requested for awarding degrees and certificates for Autumn 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 the names of persons who have completed degree and certificate requirements in accordance with Rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on December 8, 1978, 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 Dr. Jacob, seconded by Mr. Devenow, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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HONORARY DEGREES

Resolution No. 79-54

Synopsis: Approval is requested for awarding honorary degrees.

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 the honorary degrees as listed below:

Saul Krugman	Doctor of Science
Frank Ransom Strong	Doctor of Laws

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 Dr. Jacob, seconded by Mr. Devenow, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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November 3, 1978 meeting, Board of Trustees

**MOTOR VEHICLE, TRAFFIC AND PARKING REGULATIONS
OF THE OHIO STATE UNIVERSITY**

Resolution No. 79-55

Synopsis: Modification of Motor Vehicle, Traffic and Parking Regulations of The Ohio State University is being proposed.

WHEREAS on October 7, 1977 the Board adopted *Motor Vehicle, Traffic and Parking Regulations of The Ohio State University* as reviewed by legal counsel; and

WHEREAS there is a need to update these regulations and the Board is being requested to approve revisions in the *Motor Vehicle, Traffic and Parking Regulations of The Ohio State University*, relating to traffic and parking on the campus and a modified schedule of assessments for parking infractions:

NOW THEREFORE

BE IT RESOLVED, That the revised code of *Motor Vehicle, Traffic and Parking Regulations of The Ohio State University* be approved by the Board of Trustees.

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

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**ESTABLISHMENT OF DEPARTMENT OF JUDAIC AND NEAR EASTERN
LANGUAGES AND LITERATURES AND ABOLISHMENT OF
DIVISION OF HEBREW LANGUAGE AND LITERATURE**

Resolution No. 79-56

Synopsis: Establishment of Department of Judaic and Near Eastern Languages and Literatures and Abolishment of Division of Hebrew Language and Literature are proposed.

WHEREAS the proposed grouping of the language and literature components in Arabic, Modern Greek, Persian, Turkish, Hebrew and Yiddish fulfills all requirements for departmental status as defined in Rule 3335-3-34 of the Administrative Code; and

WHEREAS the request for a Department of Judaic and Near Eastern Languages and Literatures has been approved by the College of Humanities, the Departments of Classics and Romance Languages and Literatures and the Division of Hebrew Language and Literature; and

WHEREAS the request for a Department of Judaic and Near Eastern Languages and Literatures is fully endorsed by the University Center for International Studies and by the Melton Center for Jewish Studies; and

November 3, 1978 meeting, Board of Trustees

**ESTABLISHMENT OF DEPARTMENT OF JUDAIC AND NEAR EASTERN
LANGUAGES AND LITERATURES AND ABOLISHMENT OF
DIVISION OF HEBREW LANGUAGE AND LITERATURE (contd)**

WHEREAS the Council on Academic Affairs has voted and the University Senate recommends the formation of a new Department of Judaic and Near Eastern Languages and Literatures and in turn abolishment of the existing Division of Hebrew Language and Literature:

NOW THEREFORE

BE IT RESOLVED, That the proposal as approved by the University Senate on October 14, 1978, supporting the request to establish a Department of Judaic and Near Eastern Languages and Literatures in the College of Humanities and the abolishment of the Division of Hebrew Language and Literature, effective July 1, 1979, be adopted.

Upon motion of Mr. Devenow, seconded by Mr. Hilliker, the foregoing resolution was adopted by unanimous voice vote.

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OHIO LEGAL CENTER INSTITUTE - CHANGE OF TRUSTEE

Resolution No. 79-57

Synopsis: Appointment of Trustee for the Ohio Legal Center Institute is recommended.

WHEREAS the Articles of Incorporation for the Ohio Legal Center Institute provide for nine individuals to serve as Trustees of this corporation; and

WHEREAS three trustees are to be appointed by the Board of Trustees of The Ohio State University to represent The Ohio State University:

NOW THEREFORE

BE IT RESOLVED, That Dean James E. Meeks be appointed a Trustee of the Ohio Legal Center Institute, effective immediately, to replace Professor Robert J. Nordstrom, who resigned from the faculty.

Upon motion of Dr. Jacob, seconded by Mr. Devenow, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 79-58

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Resignation of Administrative Official, Appointments and Leaves of Absence Without Salary are recommended for approval.

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the October 6, 1978 meeting of the Board, including the following Resignation of Administrative Official, Appointments and Leaves of Absence Without Salary as detailed in the University Budget for 1978-79 be approved.

Resignation of Administrative Official

EDWARD H. BOWMAN has announced that he will resign as Dean of the College of Administrative Science, effective June 30, 1979. Dr. Bowman was appointed dean on September 1, 1974. He will return to the Sloan School of Management, Massachusetts Institute of Technology, as Professor of Management, effective July 1, 1979.

A search committee, chaired by Dr. Randolph Bobbitt, Professor of Management Science, has been appointed to recommend candidates for Dean Bowman's successor.

Appointments

Name: ARTHUR E. ADAMS
Titles: Vice Provost for Continuing Education, Office of Academic Affairs; and Professor, Department of History
Effective: November 1, 1978
Salary: \$43,200.00
Present Positions: Associate Provost, Office of Academic Affairs, and Professor, Department of History

Name: DONALD E. CRAWFORD
Title: Associate Vice Provost for Continuing Education
Office: Academic Affairs
Effective: November 1, 1978
Salary: \$38,280.00
Present Position: Assistant Vice President, Division of Continuing Education

Name: JAMES F. LOUCKS
Title: Assistant Vice President for Registration Services
Office: Registration Services
Effective: January 8, 1979
Salary: \$28,920.00
Present Positions: Associate Director, Newark Regional Campus, and Associate Professor, Department of English

November 3, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: MICHAEL WILLIAM CURRAN
Titles: Associate Dean, College of Humanities, and Associate Professor, Department of History
Effective: November 1, 1978
Salary: \$29,640.00
Present Positions: Acting Associate Dean, College of Humanities, and Associate Professor, Department of History

Name: HERBERT B. ASHER
Titles: Assistant Dean, College of Social and Behavioral Sciences, and Professor, Department of Political Science
Effective: October 16, 1978
Salary: \$28,532.80
Present Position: Professor, Department of Political Science

Name: WALTER BUNGE
Titles: Professor and Director
School: Journalism
Effective: July 1, 1979
Salary: \$41,520.00
Present Positions: Professor and Head, Department of Journalism and Mass Communication, Kansas State University, Manhattan, Kansas

Name: LONNIE H. WAGSTAFF
Titles: Professor and Chairman
Academic Faculty: Educational Administration
Effective: January 1, 1979
Salary: \$39,360.00
Present Position: Professor, Academic Faculty of Educational Administration

Leaves of Absence Without Salary

ALBERT L. CLOVIS, Professor, College of Law, effective October 1, 1978 through September 30, 1979, to serve as a visiting professor at the University of Virginia School of Law.

JAMES E. HARF, Professor, Department of Political Science, effective February 1, 1979 through September 30, 1979, to serve as a visiting professor at Duke University.

MICHAEL E. ROSE, Professor, College of Law, effective October 1, 1978 through September 30, 1979, to serve as a visiting professor of law in the graduate tax program at the College of Law, University of Florida.

November 3, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

BARBARA M. NEWMAN, Associate Professor and Chairman, Department of Family Relations and Human Development, and Associate Professor, Cooperative Extension Service, effective November 1, 1978 through November 30, 1978, for personal reasons.

MICHAEL JOHN PERRY, Associate Professor, College of Law, effective October 1, 1978 through September 30, 1979, to visit Yale University.

KENNETH R. SMITH, Associate Professor, Department of Zoology (Lima Campus), effective October 1, 1978 through September 30, 1979, to study at the National Training and Operational Technology Center, USEPA, in Cincinnati.

LARRY R. CAMP, Assistant Professor, Department of Art, effective October 1, 1978 through September 30, 1979, to accept an Art Ford Foundation Grant to paint in New York.

NANCY HARDIN ROGERS, Assistant Professor, College of Law, effective October 1, 1978 through September 30, 1979, for personal reasons.

Upon motion of Mr. Devenow, seconded by Dr. Jacob, 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. 79-59

Synopsis: The report on contracts, grants and gifts and the summary for September 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 Office of Business and Administration of the University, 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 Office of Business and Administration, the Engineering Experiment Station and The Ohio State University Development Fund during the month of September 1978, be approved.

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

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR SEPTEMBER 1978

Source	No. of Projects	Support Level
Office of Business and Administration	3	\$ 650,258.08
The Ohio State University Research Foundation	95	3,748,905.00
Engineering Experiment Station	3	83,215.00
		\$4,482,378.08
The Ohio State University Development Fund	4,231 Donors	\$ 516,109.87
Establishment of Named Funds		
The William Alfred and Edith Wood Starin Fund No. 1 (College of Medicine)		\$ 26,000.00
The Werner Strang and Asta K. Strang Fund for Cancer Research (College of Medicine)		20,000.00
G. Walter Burwell Memorial Scholarship (Department of Horticulture)		10,000.00
College of Education Centennial Fund (College of Education)		7,314.00
The Chauncey D. Leake and Elizabeth W. Leake Alternate Year Lecture/Student Essay Award Fund (College of Medicine)		5,000.00
The Chauncey D. Leake Memorial Award Fund (Doctoral students in the Graduate School in Pharmacology in the Colleges of Medicine, Pharmacy, or Veterinary Medicine)		4,763.90
The William Alfred and Edith Wood Starin Fund No. 2 (College of Law)		4,000.00

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

New Presidents Club Members - September 1978

Helen L. Ashman (Mrs. Ward)	James H. Legg, Jr.
Mamie R. Barfield (In Memoriam)	Ralph C. Leslie
William H. Bay	Robert E. Longenbaker
Richard H. Bell	Dennis R. Lund
Ralph E. Bender	Karen Sue Maddex
John G. Brettell	Lawrence R. Marryott
Helen A. Burwell	Daniel J. Martinelli
John M. Calhoun	Martin B. Metzger
N. M. Camardese	Tom R. Montei
Samuel L. Devine	Nancy J. Moore
Robert R. Dittwiler	Gordon C. Rader
David A. Edwards, Jr.	William C. Rigsby
Charles P. Eichhorn	Margaret J. Scherer (Mrs. Robert D.)
Richard J. Fitton	Toby L. Schneiderman
Albert F. Gehres	Robert J. Shupala
Mark Grosshandler	Edith Wood Starin (In Memoriam)
Debra Jane Kemper (Mrs. Frank)	Stephen N. Thornborough
Daniel C. Jaeger	David C. Wetmore
Lilli L. Johnson (Mrs. Truman G.)	Roger D. Williams
George A. Krieger	Thomas D. Young

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

FIRST QUARTER SUMMARY

July 1 to September 30, 1978

OFFICE OF BUSINESS AND ADMINISTRATION

Sponsor	No. of Projects	Level of Support
FEDERAL		
Student Programs	6	\$ 373,739.00
STATE OF OHIO	12	\$2,298,562.05
INDUSTRIAL AND OTHER	2	\$ 8,116.60
TOTALS	20	\$2,680,417.65

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

FIRST QUARTER SUMMARY

July 1 to September 30, 1978

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Sponsor	No. of Projects	Level of Support
FEDERAL		
Department of Energy	4	\$ 545,984.00
National Aeronautics and Space Administration	5	140,840.00
National Science Foundation	37	1,357,636.00
Department of Defense	12	393,546.00
Department of Health, Education and Welfare	92	7,580,530.00
Other Federal	22	2,353,099.00
TOTAL - FEDERAL	172	\$12,371,635.00
STATE OF OHIO	18	\$ 531,405.00
INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL SPONSORS	70	\$ 805,081.00
GRAND TOTAL	260	\$13,708,121.00

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

FIRST QUARTER SUMMARY

July 1 to September 30, 1978

ENGINEERING EXPERIMENT STATION

Sponsor	No. of Projects	Level of Support
FEDERAL	3	\$ 10,460.00
STATE OF OHIO	7	\$ 254,546.00
INDUSTRIAL AND OTHER	120	\$ 935,244.00
TOTALS	130	\$1,200,250.00

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

FIRST QUARTER SUMMARY

July 1 to September 30, 1978

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Donors	No. of Donors	Level of Support
ANNUAL GIVING		
Direct Mail	3,289	\$ 58,550.92
Annuaals	3,812	69,336.51
Miscellaneous	4,812	158,369.67
Corporate Matching Gifts	18	34,364.00
TOTALS	11,931	\$ 320,621.10
MAJOR RESOURCES		
Deferred Gifts	15	\$ 257,965.43
Major Individuals	438	358,060.22
Corporate	445	906,687.82
Foundations	223	343,409.63
TOTALS	1,121	\$1,866,123.10
GRAND TOTAL	13,052	\$2,186,744.20

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION

State of Ohio Research Contracts/Grants

\$416,539.33 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for Teacher Education and Supervisory Services to Teachers of Vocational Agriculture, Department of Agricultural Education (J. R. Warmbrod), July 1, 1978 through June 30, 1979.

\$226,808.15 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for Administering and Coordinating the Research, Curriculum and Exemplary Programs in Vocational Education, Department of Agricultural Education (J. R. Warmbrod), July 1, 1978 through June 30, 1979.

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$643,347.48

Other Non-Federal Research Contract/Grant

\$6,910.60 - Lancaster City Schools, Lancaster, Ohio, to provide technical consultant assistance to support our CETA, Title III, Youth Governor's Grant Program, National Center for Research in Vocational Education (R. E. Taylor and D. Ator), May 12, 1978 through September 30, 1978.

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$450,000.00 - Department of State, Agency for International Development, Washington, D. C., A Cooperative Agreement Between the Rural Development Office, Technical Assistance Bureau, AID (Agency for International Development) and the Department of Agricultural Economics and Rural Sociology, The Ohio State University, Department of Agricultural Economics and Rural Sociology (D. H. Boyne and D. W. Adams), 29 September 1978 through 28 September 1979. (Project 760927 - Continuation)

\$445,231.00 - Department of Health, Education and Welfare, National Institute of Education, Washington, D. C., ERIC (Educational Resources Information Center) Clearinghouse on Career Education, Center for Vocational Education (R. E. Taylor), 14 September 1978 through 13 September 1979. (Project 760890 - Continuation)

\$215,420.00 - Department of Health, Education and Welfare, National Library of Medicine, Bethesda, Maryland, Ohio Regional Medical Audiovisual Center (ORMAC), College of Medicine - Administration (G. L. Trzebiatowski, D. Hudspeth, and J. B. Battles), 1 September 1978 through 31 July 1979. (Project 760374 - Continuation)

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$146,906.00 - Department of Health, Education and Welfare, Food and Drug Administration, Rockville, Maryland, A Relationship Between Pharmacokinetic Distribution of Antimicrobial Drugs and Effectiveness, Department of Veterinary Physiology and Pharmacology (T. E. Powers), 30 September 1978 through 29 September 1979. (Project 760175 - Continuation)

\$135,000.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Division of Associated Health Professions, Hyattsville, Maryland, Graduate Programs in Health Administration, School of Allied Medical Professions (G. O. Johnson), 1 October 1978 through 30 September 1979. (Project 761329 - New)

\$121,800.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, The Ohio Sea Grant Program, Center for Lake Erie Area Research (C. E. Herdendorf and J. M. Reutter) and Academic Faculty of Science-Mathematics Education (V. J. Mayer), 1 September 1978 through 31 August 1979. (Project 761324 - New)

\$117,665.00 - Department of Health, Education and Welfare, Public Health Service, Food and Drug Administration, Bureau of Medical Devices, Rockville, Maryland, Development of Test Materials to Evaluate *In Vitro* Diagnostic Device Performance, Department of Pathology (G. F. Grannis), 29 September 1978 through 29 December 1979. (Project 761375 - New)

\$110,382.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Education for the Handicapped, Grant and Procurement Management Division, Washington, D. C., Adaptive Behavior Children's Scale Development, Nisonger Center for Mental Retardation (H. Leland), 1 October 1978 through 30 September 1979. (Project 760519 - Continuation)

\$90,000.00 - Environmental Protection Agency, Washington, D. C., Information Collection, Analysis and Dissemination, Academic Faculty of Science-Mathematics Education (R. W. Howe), 1 October 1978 through 30 September 1979. (Project 760919 - Continuation)

\$90,000.00 - Department of Health, Education and Welfare, Office of Human Development, Developmental Disabilities Office, Region V, Chicago, Illinois, Planning and Evaluation Project for the HEW Region V Developmental Disabilities Consortium, Nisonger Center for Mental Retardation (R. J. Adams), 30 September 1978 through 29 September 1979. (Project 760887 - Continuation)

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$84,752.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Hyattsville, Maryland, Employment and/or Further Training of Health Trained Veterans, College of Medicine - Administration (M. V. Brown), 30 September 1978 through 30 September 1979. (Project 760882 - Continuation)

\$82,881.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Serous Otitis Media: Immunochemical and Electron Microscopic Study, Department of Otolaryngology (D. J. Lim), 1 September 1978 through 31 August 1979. (Project 760043 - Continuation)

\$75,425.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, National Center for Health Services Research, Hyattsville, Maryland, Economic Responses to Poor Health in Older Males, Department of Economics (D. O. Parsons), 15 September 1978 through 14 September 1979. (Project 760833 - Continuation)

\$60,000.00 - Department of Agriculture, Arlington, Virginia, Strategies to Alter Seasonal Synchronization of Insects with Their Food Supply by Manipulating the Programming of Insect Dormancy, Department of Entomology (D. L. Denlinger), 5 September 1978 through 30 September 1980. (Project 761344 - New)

\$59,929.00 - Department of the Navy, Naval Air Systems Command, Washington, D. C., Research on Near Field Pattern Effects, Department of Electrical Engineering, ElectroScience Laboratory (W. D. Burnside), 8 September 1978 through 7 September 1979. (Project 761216 - New)

\$57,600.00 - Department of the Interior, Fish and Wildlife Services, Washington, D. C., A Summary of Knowledge of the Fish and Wildlife Resources of the Coastal Wetlands of the Great Lakes of the United States, Center for Lake Erie Area Research (C. E. Herdendorf), 1 October 1978 through 28 February 1979. (Project 760892 - Continuation)

\$55,629.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, The Development of Extrapyrmidal Systems, Department of Anatomy (G. F. Martin), 1 September 1978 through 31 August 1979. (Project 760032 - Continuation)

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS and GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$55,133.00 - Department of Health, Education and Welfare, Public Health Service, Food and Drug Administration, Bureau of Veterinary Medicine, Rockville, Maryland, Evaluation of the Utility of an *In Vitro* Tissue Culture System in Toxicological Screening of Parent Compound and Metabolite Residues, Department of Veterinary Pathobiology (G. E. Milo), 30 September 1978 through 29 September 1979. (Project 761358 - New)

\$54,600.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., Coal Extraction, Benefication, and Utilization Fellowship Program, Department of Civil Engineering (C. Konya and O. Sproul), 20 September 1978 through 19 September 1980. (Project 761285 - New)

\$50,112.00 - Department of Health, Education and Welfare, National Library of Medicine, Bethesda, Maryland, Ohio Regional Medical Audiovisual Center (ORMAC), College of Medicine - Administration (G. L. Trzebiatowski, D. Hudspeth and J. B. Battles), 1 June 1978 through 31 August 1978. (Project 760374 - Continuation)

\$45,488.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Education for the Handicapped, Washington, D. C., Early Infant Intervention Through Parent Interaction, Nisonger Center for Mental Retardation (M. F. Chase), 1 September 1978 through 30 June 1979. (Project 760763 - Continuation)

\$45,260.00 - Department of the Army, U. S. Army Natick Research and Development Command, Natick, Massachusetts, Screen Prospective TCM Replacement for Amoebicidal Properties, Department of Civil Engineering (O. Sproul and A. J. Rubin), 25 October 1978 through 25 October 1979. (Project 760946 - Continuation)

\$42,908.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Alpha-Adrenergic and Dopaminergic Stereochemical Studies, College of Pharmacy (D. D. Miller), 15 September 1978 through 31 August 1979. (Project 761349 - New)

\$30,208.00 - Environmental Protection Agency, Washington, D. C., ORBES (Ohio River Basin Energy Study) Phase II Core Team Representation and Coordination, Department of Mechanical Engineering (R. E. Bailey), 1 September 1977 through 31 October 1978. (Project 760981 - Continuation)

\$30,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Study of Improved IFF Antennas, Department of Electrical Engineering, ElectroScience Laboratory (B. Munk), 30 September 1978 through 31 December 1978. (Project 761359 - New)

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$28,558.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Intestinal Secretion: Receptor Mechanisms, College of Pharmacy (T. S. Gaginella), 25 September 1978 through 31 August 1979. (Project 761373 - New)

\$27,323.00 - National Science Foundation, Washington, D. C., Development and Analysis of Generalized Hybrid Finite Element Methods, Department of Engineering Mechanics (J. K. Lee), 1 October 1978 through 30 September 1980. (Project 761334 - New)

\$25,615.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Vestibular Control of Posture, Department of Otolaryngology (C. W. Stockwell), 1 September 1978 through 31 August 1979. (Project 760820 - Continuation)

\$24,491.00 - Department of Health, Education and Welfare, National Institute of Education, Washington, D. C., Training in Information Analysis and User Services Related to Energy Education, Academic Faculty of Science-Mathematics Education (R. W. Howe), 1 July 1978 through 31 December 1978. (Project 761083 - Continuation)

\$24,005.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Properties of Skeletal Muscle in Alloxan Diabetes, Department of Physiology (J. A. Grossie), 15 September 1978 through 31 August 1979. (Project 761345 - New)

\$23,920.00 - Department of Health, Education and Welfare, Public Health Service, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Impact of Prior Noncontingency on Learning and Memory, Department of Psychology (D. D. Wickens), 1 September 1978 through 31 August 1979. (Project 760538 - Continuation)

\$20,688.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Mechanical Control and Energetics of Muscle Contraction, Department of Physiology (E. Bozler, J. A. Grossie and J. A. Rall), 1 September 1978 through 31 August 1979. (Project 760924 - Continuation)

\$20,000.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Environmental Research Laboratories, National Severe Storms Laboratory, Norman, Oklahoma, Stability of Tornado-like Vortices, Department of Aeronautical and Astronautical Engineering (M. R. Foster), 15 September 1978 through 14 September 1979. (Project 761347 - Continuation)

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$19,900.00 - National Science Foundation, Washington, D. C., Microparticle Stratigraphy of Ice Cores from the Ross Ice Shelf, Institute of Polar Studies, Graduate School and Department of Geology and Mineralogy (D. H. Elliot) and Institute of Polar Studies (L. G. Thompson), 30 August 1978 through 31 December 1978. (Project 761025 - Continuation)

\$19,800.00 - National Science Foundation, Washington, D. C., Improvements in Undergraduate Physical Chemistry Laboratory, Department of Chemistry (G. G. Christoph), 8 September 1978 through 31 January 1981. (Project 761372 - New)

\$18,594.00 - Department of Health, Education and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute on Alcohol Abuse and Alcoholism, Rockville, Maryland, Tetrahydroisoquinolines and Alcohol Dependence, College of Pharmacy (R. G. Rahwan), 1 September 1978 through 31 August 1979. (Project 760544 - Continuation)

\$17,400.00 - National Science Foundation, Washington, D. C., Desk-Top Calculator with Printer/Plotter and Digitizer, Department of Zoology (R. A. Stein), 1 September 1978 through 31 August 1979. (Project 761323 - New)

\$16,600.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, National Research Service Award, Department of Otolaryngology (D. J. Lim and D. E. Dunn), 19 September 1978 through 18 September 1979. (Project 760996 - Continuation)

\$16,447.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., National Center for Research in Vocational Education, The Center for Vocational Education (R. E. Taylor), 16 January 1978 through 15 January 1979. (Project 761008 - Continuation)

\$14,959.00 - Department of Energy, Oak Ridge, Tennessee, Pre-Freshman and Cooperative Education for Minorities in Engineering at The Ohio State University, College of Engineering (M. M. McGee), 1 April 1978 through 30 June 1979. (Project 761129 - New)

\$14,500.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Environmental Health Sciences, Research Triangle Park, North Carolina, National Research Service Award, Department of Veterinary Pathobiology (C. C. Capen and W. T. Collins, Jr.), 15 September 1978 through 14 September 1979. (Project 761321 - New)

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$13,737.00 - Department of the Navy, Naval Regional Procurement Office, Long Beach, California, Asymptotic High Frequency Techniques for UHF and Above Antennas, Department of Electrical Engineering, ElectroScience Laboratory (C. H. Walter), 1 August 1978 through 31 July 1979. (Project 760473 - Continuation)

\$13,150.00 - Department of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station, Portland, Oregon, Soil Movement of Slopes in Permafrost Environments, Department of Civil Engineering (T. H. Wu), 6 September 1978 through 30 September 1979. (Project 761325 - New)

\$10,500.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., Vocational Education Personnel Development Program, Graduate School (J. B. LaPidus) and Academic Faculty of Vocational-Technical Education (A. J. Miller and D. A. Adams), 1 August 1977 through 31 August 1978. (Project 760815 - Continuation)

\$9,500.00 - National Science Foundation, Washington, D. C., Ceramographic Facilities for Microstructure Evaluation, Department of Ceramic Engineering (D. W. Readey), 8 September 1978 through 31 January 1981. (Project 761362 - New)

\$7,000.00 - National Science Foundation, Washington, D. C., Orthogonal Polynomials, Department of Mathematics (P. Nevai), 1 October 1978 through 30 September 1979. (Project 761322 - New)

\$4,675.00 - Department of Transportation, Federal Highway Administration, Washington, D. C., Mechanization of Patching (Bituminous), Department of Mechanical Engineering (D. A. Guenther), 19 August 1978 through 18 October 1978. (Project 760801 - Continuation)

\$3,906.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Library and Learning Resources, Washington, D. C., Acquisition of Academic Library Resources for the Marion Regional Campus, University Libraries (G. D. Guthrie), 1 October 1978 through 30 September 1979. (Project 761342 - Continuation)

\$3,906.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Library and Learning Resources, Washington, D. C., Acquisition of Academic Library Resources for the Lima Regional Campus, University Libraries (G. D. Guthrie), 1 October 1978 through 30 September 1979. (Project 761341 - Continuation)

\$3,906.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Library and Learning Resources, Washington, D. C., Acquisition of Academic Library Resources for the Mansfield Regional Campus, University Libraries (G. D. Guthrie), 1 October 1978 through 30 September 1979. (Project 761340 - Continuation)

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$3,906.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Library and Learning Resources, Washington, D. C., Acquisition of Academic Library Resources for the Newark Regional Campus, University Libraries (G. D. Guthrie), 1 October 1978 through 30 September 1979. (Project 761339 - Continuation)

\$3,906.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Library and Learning Resources, Washington, D. C., Acquisition of Academic Library Resources for The Ohio State University, University Libraries (G. D. Guthrie), 1 October 1978 through 30 September 1979. (Project 761338 - Continuation)

\$3,906.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Library and Learning Resources, Washington, D. C., Acquisition of Academic Library Resources for the Agricultural Technical Institute, Wooster, University Libraries (G. D. Guthrie), 1 October 1978 through 30 September 1979. (Project 761337 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$3,167,127.00**

State of Ohio Research Contracts/Grants

\$66,189.00 - State of Ohio, Department of Health, Columbus, Ohio, Training Program in Rehabilitation Nursing, Department of Physical Medicine (E. W. Johnson), 1 October 1978 through 30 September 1979. (Project 761328 - Continuation)

\$47,740.00 - State of Ohio, Department of Health, Columbus, Ohio, Development of a Practical Data System for Statewide Surveillance of Perinatal Problems, Department of Preventive Medicine (W. J. Bashe, Jr.), 1 October 1978 through 30 September 1979. (Project 761164 - Continuation)

\$36,750.00 - State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, Commercial Fishing: Gear Mortality, School of Natural Resources (D. L. Johnson) and Center for Lake Erie Area Research (J. M. Reutter), 1 October 1978 through 30 June 1979. (Project 761365 - New)

\$6,200.00 - State of Ohio, Department of Mental Health and Mental Retardation, Columbus, Ohio, Evaluation-Technical Assistance: Community Service Providers, Nisonger Center for Mental Retardation (W. E. Loadman), 5 September 1978 through 30 September 1978. (Project 760881 - Continuation)

November 3, 1978 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)

\$4,387.00 - State of Ohio, Department of Mental Health and Mental Retardation, Orient State Institute, Orient, Ohio, Staff Development Project for Unit Chairmen at the Orient State Institute, College of Social Work (B. Weiss), 1 January 1978 through 31 December 1978. (Project 761361 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$ 161,266.00

Industrial, Private, and Other Non-Federal Research Contracts/Grants

\$49,323.00 - The Aerospace Corporation, Los Angeles, California, Low Sidelobe Reflector Antenna Study, Department of Electrical Engineering, ElectroScience Laboratory (R. C. Rudduck), 1 September 1978 through 28 February 1979. (Project 761327 - New)

\$38,000.00 - Franklin County Comprehensive Drug Treatment Program, Columbus, Ohio, FCCDTP (Franklin County Comprehensive Drug Treatment Program) Drug Abuse Counseling Internship Program, Academic Faculty of Special Services (J. J. Quaranta and D. J. Tosi), 3 July 1978 through 30 June 1979. (Project 761291 - New)

\$15,179.00 - Women's Action Collective, Inc., Columbus, Ohio, Research Coordination for Rape Prevention, Department of Philosophy (R. G. Turnbull), 1 September 1978 through 31 August 1979. (Project 760643 - Continuation)

\$14,868.00 - Philip Morris Research Center, Richmond, Virginia, Behavioral Effects of Nicotine in Man and Animals, Department of Psychology (G. G. Berntson), 1 September 1978 through 31 August 1979. (Project 760715 - Continuation)

\$11,225.00 - National Livestock and Meat Board, Chicago, Illinois, Hypercholesterolemia, Vitamin E and Thrombosis, Department of Physiological Chemistry (R. V. Panganamala), 1 October 1978 through 30 September 1979. (Project 761354 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Prostaglandin Alterations in Normal and Toxemic Pregnancies, Department of Pharmacology (L. K. Wong), 1 October 1978 through 30 September 1979. (Project 761320 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Cobalt Cardiomyopathy: A Model for the Study of Idiopathic Cardiomyopathy, Department of Medicine (D. V. Unverferth), 1 October 1978 through 30 September 1979. (Project 761319 - New)

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Teratogenic Effects of Anticonvulsant Drugs, Department of Anatomy (M. E. Sucheston), 1 October 1978 through 30 September 1979. (Project 761317 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Adenine Nucleotide Transport in Heart Mitochondria, Department of Surgery (C. D. Stoner), 1 October 1978 through 30 September 1979. (Project 761315 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Studies of the Heart Mitochondrial K⁺ Binding Proteolipid, Department of Physiological Chemistry (K. M. Scott and R. A. Altschuld), 1 October 1978 through 30 September 1979. (Project 761314 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Vitamin E-Experimental Atherosclerosis, Department of Physiological Chemistry (R. V. Panganamala), 1 October 1978 through 30 September 1979. (Project 761311 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Prostacyclin Synthesis in Coronaries of Exercise Trained Hearts, Department of Physiological Chemistry (A. J. Merola), 1 October 1978 through 30 September 1979. (Project 761307 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Beta Receptors in Normal, Failing, and Treated Dog Hearts, Department of Medicine (C. V. Leier), 1 October 1978 through 30 September 1979. (Project 761305 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Arterial Chemoreceptor Role in Regulation of Blood Gases, Department of Physiology (A. L. Kunz), 1 October 1978 through 30 September 1979. (Project 761304 - New)

\$11,000.00 American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Myocardial Calcium Regulation-Adaptation to Chronic Exercise, Department of Physiological Chemistry (A. C. Gillespie), 1 October 1978 through 30 September 1979. (Project 761300 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Effect of Propranolol on Myocardial Perfusion, B-adrenergic Receptors and Catecholamine Excretion in Patients with Stable Angina Pectoris, Department of Medicine (H. Boudoulas), 1 October 1978 through 30 September 1979. (Project 761297 - New)

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Collagen of Cardiac Valves, Department of Pathology (N. Baba), 1 October 1978 through 30 September 1979. (Project 761296 - New)

\$10,977.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Heart/Lung Failure in Hemorrhagic and Septic Shock, Department of Medicine (B. D. Lowery), 1 October 1978 through 30 September 1979. (Project 761306 - New)

\$10,968.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Physiological Control of Myocardial Lipase, Department of Physiological Chemistry (F. A. Kruger), 1 October 1978 through 30 September 1979. (Project 761303 - New)

\$10,910.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Firing Patterns of Supraoptic Neurons in Hypertensive Rats, Department of Physiology (J. J. Curry), 1 October 1978 through 30 September 1979. (Project 761298 - New)

\$10,710.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, The Hemodynamics of the Spontaneously Hypertensive Rat, Department of Physiology (J-P Dujardin), 1 October 1978 through 30 September 1979. (Project 761299 - New)

\$10,673.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Pulsed Ultrasonic Doppler Blood Flow Measurements in the Horse, Department of Aeronautical and Astronautical Engineering (R. M. Nerem), 1 October 1978 through 30 September 1979. (Project 761309 - New)

\$10,590.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Pharmacokinetics, Inotropic and Chronotropic Activity of 4-Hydroxypropranolol, Department of Veterinary Physiology and Pharmacology (W. W. Muir, III), 1 October 1978 through 30 September 1979. (Project 761308 - New)

\$10,185.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Dihydrodigoxin: Stereochemistry, Assay, Urinary Kinetics, College of Pharmacy (R. H. Reuning), 1 October 1978 through 30 September 1979. (Project 761312 - New)

\$10,094.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, GC-MS of Cyclic Derivatives of Catecholamines in Heart Tissue, Department of Pharmacology (C-G. V. Hammar), 1 October 1978 through 30 September 1979. (Project 761301 - New)

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$10,025.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Adriamycin Cardiotoxicity in Man, Department of Medicine (R. Talley and S. P. Balcerzak), 1 October 1978 through 30 September 1979. (Project 761318 - New)

\$9,828.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Microbiological Synthesis of Quinidine Metabolites, College of Pharmacy (L. W. Robertson), 1 October 1978 through 30 September 1979. (Project 761313 - New)

\$9,686.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Interactions Between Splanchnic and Renal Hemodynamics, Department of Physiology, (K. Hanson), 1 October 1978 through 30 September 1979. (Project 761302 - New)

\$9,507.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, LDH Isoenzymes in Murine Adriamycin Cardiotoxicity, Department of Veterinary Pathobiology (H. M. Olson), 1 October 1978 through 30 September 1979. (Project 761310 - New)

\$7,200.00 - Bexley Public Schools, Columbus, Ohio, Assistance with Policy Analysis and Administration, Academic Faculty of Educational Administration (R. O. Nystrand), 1 September 1978 through 31 August 1979. (Project 761335 - New)

\$6,264.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Mechanism of Tricyclic Antidepressant Arrhythmogenesis, Department of Veterinary Physiology and Pharmacology (S. M. Strauch), 1 October 1978 through 30 September 1979. (Project 761316 - New)

\$6,000.00 - VITA Treatment Center, Columbus, Ohio, Counseling Internship Program, Academic Faculty of Special Services (J. J. Quaranta), 1 July 1978 through 30 June 1979. (Project 761353 - New)

\$6,000.00 - VITA Treatment Center, Columbus, Ohio, Counseling Internship Program, Academic Faculty of Special Services (J. J. Quaranta), 1 July 1978 through 30 June 1979. (Project 761293 - New)

\$6,000.00 - Cornerstone: Corporation for Human Development, Columbus, Ohio, Counseling Internship Program, Academic Faculty of Special Services (J. J. Quaranta), 1 July 1978 through 30 June 1979. (Project 761292 - New)

\$2,000.00 - Paint Research Institute, Philadelphia, Pennsylvania, Paint Mildew Ecology, Department of Botany (J. A. Schmitt), 1 August 1978 through 31 December 1978. (Project 760070 - Continuation)

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$1,400.00 - Foxjet International, Minneapolis, Minnesota, Airfoil Analysis on Four Airfoils, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and K. Korkan), 18 August 1978 through 30 September 1978. (Project 761274 - New)

\$900.00 - Massachusetts Institute of Technology, Cambridge, Massachusetts, Calculation of Airfoil Section Characteristics, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and K. Korkan), 8 August 1978 through 1 September 1978. (Project 761273 - New)

**TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL
RESEARCH CONTRACTS/GRANTS \$ 420,512.00**

ENGINEERING EXPERIMENT STATION

State of Ohio Sponsored Research

\$42,068.00 - State of Ohio, Department of Transportation, Columbus, Ohio, for Transportation Safety Research, Department of Civil Engineering, October 1, 1978 through September 30, 1979. (EES 572/529052, Extension 1)

\$32,276.00 - State of Ohio, Department of Transportation, Columbus, Ohio, for Applied Research in Analytical Photogrammetry, Transplex Research Area, September 20, 1978 through September 19, 1979. (EES 587/529067)

\$8,871.00 - State of Ohio, Department of Energy, Columbus, Ohio, for Service Trial of Waste Vegetable Oil as a Diesel Fuel Supplement, Department of Mechanical Engineering, July 1, 1978 through December 1, 1979. (EES 586/529066)

TOTAL - STATE OF OHIO SPONSORED RESEARCH \$ 83,215.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$41,310.00 - Estate of Mamie R. Barfield, Columbus, Ohio, for the College of Medicine Progress Fund.

\$27,963.00 - The Charles F. High Foundation, Bucyrus, Ohio, for the Charles F. High Foundation Scholarship Fund.

\$18,200.00 - The Grace High Washburn Trust, Bucyrus, Ohio, for the Grace High Washburn Trust Scholarship Fund.

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$16,281.00 - Pfizer, Inc., Groton, Connecticut, for the Clinical Pharmacology Fund.

\$15,328.54 - Systems Associates, Columbus, Ohio: \$9,084.47 for the Cardiology Support Fund and \$6,244.07 for the Department of Medicine General Fund.

\$12,500.00 - E. I. duPont de Nemours & Company, Wilmington, Delaware, for the E. I. duPont - Haskell Laboratory Fellowship in Veterinary Pathology.

\$11,500.00 - Eli Lilly and Company, Indianapolis, Indiana, for the Infectious Disease Research Fund.

\$11,225.00 - Mead Johnson and Company, Evansville, Indiana, for the Menopausal Patient Follow-Up Project.

\$10,456.45 - Frederick H. Davidorf, M.D. (given in the name of Frederick H. Davidorf, M.D.), Columbus, Ohio: \$7,282.66 for the Retina Research Fund; \$1,773.79 for the Ophthalmology Photography Fund; and \$1,400.00 for the Ophthalmology Art Work Fund.

\$10,000.00 - Zaner-Bloser, Inc. (given in the name of Richard H. Bell), Columbus, Ohio, for the Faculty of Exceptional Children Support Fund.

\$9,300.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund.

\$8,850.00 - American Foundation for Pharmaceutical Education, Fair Lawn, New Jersey, for the American Foundation for Pharmaceutical Education Fellowship Fund.

\$8,400.00 - INCO Limited, New York, New York, for the International Nickel Company Fellowship Fund.

\$6,000.00 - The Lubrizol Foundation, Cleveland, Ohio: \$2,000.00 for the Lubrizol Foundation Scholarship Fund for Chemical Engineering; \$2,000.00 for the Lubrizol Foundation Fellowship Fund for Chemistry; *\$1,000.00 for the Department of Mechanical Engineering; *\$500.00 for the Academic Faculty of Accounting; and *\$500.00 for the Department of Mathematics. *(All are scholarship funds)

\$5,352.75 - Daniel E. Evans, Canal Winchester, Ohio, for the Canter's Cave 4-H Camp.

\$5,000.00 - Exxon Education Foundation, New York, New York, for the Department of Chemical Engineering Support Fund.

\$5,000.00 - The Rockefeller Foundation, New York, New York, for the International Conference on Research on Malaria and Babesiasis.

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds

The William Alfred and Edith Wood Starin Fund No. 1

The William Alfred and Edith Wood Starin Fund No. 1 was established November 3, 1978, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Edith W. Starin 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 right to invest and reinvest as occasion dictates.

The annual income is to be used to provide scholarships, grants, partial assistance and long-term loans for students enrolled in the College of Medicine who have satisfactorily completed not less than their first year's work in any college of medicine and who have demonstrated intellectual promise, integrity of character and need for financial assistance. Students may be renominated for grants, assistance or loans for a total of any three years after the completion of his first and before graduation from the College of Medicine. Under no circumstances shall restrictions in grants, assistance or loans be permitted or practiced which consider either political beliefs or national origin, or religion or race or sex of the student. Research shall be permitted only as an incidental part of the scholastic work of the student or as necessary to supplant income but not as a primary objective or activity. No portion of the Fund shall be used or charged directly or indirectly for any administrative expense which would permit or require diversion to any other function at the University. Selection of the recipients is to be made upon the recommendation of the Dean of the College of Medicine or his successor.

Should the need for these scholarships, grants and student loans cease to exist or so diminish as to provide unused income, then the income and principal 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 Werner Strang and Asta K. Strang Fund for Cancer Research

The Werner Strang and Asta K. Strang Fund for Cancer Research was established November 3, 1978, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Werner Strang of Columbus, Ohio, in memory of his deceased wife, Asta K. Strang.

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

November 3, 1978 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 Werner Strang and Asta K. Strang Fund for Cancer Research (contd)

The annual income is to be used for research in connection with the prevention, cause and cure of cancer, especially as related to diet, and the introduction of chemical poisons or deficiencies into the system. All requisitions for funds will be 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 who is then directly responsible for medical research.

G. Walter Burwell Memorial Scholarship

The G. Walter Burwell Memorial Scholarship was established November 3, 1978, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mrs. Helen A. Burwell in memory of her husband, G. Walter Burwell, B.Sc. Horticulture, '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 right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for students of sophomore, junior, or senior standing who have financial need and are enrolled as majors in the Landscape Horticulture Program in the Department of Horticulture. The selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of the Dean of the College of Agriculture and Home Economics in consultation with faculty of the Department of Horticulture.

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 official of the University who is then directly responsible for the study of Horticulture.

College of Education Centennial Fund

The College of Education Centennial Fund was established November 3, 1978, by the Board of Trustees of The Ohio State University with gifts from friends of the College of Education through The Ohio State University Development Fund.

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

College of Education Centennial 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 at the discretion of the Dean of the College of Education.

Should the College of Education cease to exist through any reorganization of the University, then the income may be used by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for programs formerly administered by the College of Education.

**The Chauncey D. Leake and Elizabeth W. Leake
Alternate Year Lecture/Student Essay Award Fund**

The Chauncey D. Leake and Elizabeth W. Leake Alternate Year Lecture/Student Essay Award Fund was established November 3, 1978, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Chauncey D. Leake, D.Sc. (Honorary) '75, and Elizabeth W. Leake, of San Francisco, 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 right to invest and reinvest as occasion dictates.

Eighty per cent (80%) of the income shall be used for the purpose hereinafter set forth and for their administration and twenty per cent (20%) of the income shall be added to the principal each year. The eighty per cent (80%) portion of the annual income shall be used to establish an award to be presented each year in the name Chauncey D. Leake and Elizabeth W. Leake with the award to be based in one year on a lecture relating to the humanities in the health profession, and on the alternate year on a student essay relating to the same subject. The selection of the recipients is to be made upon the recommendation 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 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 humanities/health profession education.

November 3, 1978 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 Chauncey D. Leake Memorial Award Fund

The Chauncey D. Leake Memorial Award Fund was established November 3, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends and associates of Chauncey D. Leake, D.Sc. (Honorary), 1975, Professor Emeritus and former Assistant Dean of the College of Medicine.

All gifts are to be invested in the University's Permanent Endowment Fund, under the 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 provide monies for "The Chauncey D. Leake Award for Excellence in Pharmacology" to an outstanding graduate student in Pharmacology in the College of Medicine or the College of Pharmacy or the College of Veterinary Medicine. The selection of the recipient(s) is to be made on the basis of the most outstanding research paper(s) reporting original research of scientific merit, prepared during the attainment of an advanced degree at The Ohio State University, and submitted in form acceptable for publication. Eligible candidates must be registered as doctoral students in Pharmacology in the Graduate School during the academic year in which they enter the competition. Each research paper is to be accompanied by a biographical sketch of the author's academic preparation, research background, experience, and future professional goals.

The selection is to be made by a committee composed of five persons, four tenured faculty, including one representative from the Pharmacology programs of each of the three designated colleges and chairman, a tenured faculty member from another college of The Ohio State University or an administrator in the Graduate School, the fifth member is to be a former recipient of the Chauncey D. Leake Award.

Announcement of the Award competition is to be made by the Deans of the above Colleges in January. Papers are to be submitted in April to the offices of the Deans. Selection of the awardee(s) is to be made by the committee in May with announcement of the Award(s) in May or June. The awardee(s) is to make an oral presentation of the research paper at a special seminar or event at a time selected at the discretion of the Dean of the college in which the student is enrolled. It is the responsibility of the Deans of the colleges to arrange for Award Certificates of the appropriate significance. Each Award Certificate is to be signed by the three Deans. The Award Certificate and monetary award are to be presented by the Dean of the college in which the student is enrolled at the special seminar or event selected.

Should the papers in any given year not be of superior quality, the award(s) will not be made until the next year. This is to be the official award in Pharmacology in the name of Dr. Chauncey D. Leake at The Ohio State University.

November 3, 1978 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 Chauncey D. Leake Memorial Award Fund (contd)

Should the need for this award 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(s) of the University who are then directly responsible for education of students in Pharmacology.

The William Alfred and Edith Wood Starin Fund No. 2

The William Alfred and Edith Wood Starin Fund No. 2 was established November 3, 1978, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Edith W. Starin 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 right to invest and reinvest as occasion dictates.

The annual income shall be administered and awarded under the absolute discretion of the Dean of the College of Law or by his successor, or by the person who might occupy a general comparable office and standard of responsibility.

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 appropriate administrative official of the University who is then directly responsible for legal education.

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PLANS AND SPECIFICATIONS

Resolution No. 79-60

Synopsis: Plans and specifications have been completed for four projects and are recommended for approval.

WHEREAS at the request of the Vice President for Business and Administration the plans and specifications, bills of materials and estimates of cost for the following projects are presented for approval:

November 3, 1978 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

AGRONOMY, NATURAL RESOURCES AND PLANT PATHOLOGY

Project: Construction of a new four-story building located within the building complex of the College of Agriculture and Home Economics on the campus west of the Olentangy River. This building will provide essential and modern facilities necessary to accommodate the academic, research and extension programs of the Department of Agronomy, the School of Natural Resources and the Department of Plant Pathology. The departments are now located in four buildings in different areas of the campus.

Funding: H.B. 618, Item 315-103 (Agronomy, Natural Resources and Plant Pathology--1977-79 Biennium): \$13,200,000.00
and
H.B. 687, Item 315-703 (Agronomy, Natural Resources and Plant Pathology--1975-77 Biennium): \$294,000.00

Estimated Project Cost: Total Funding: \$13,494,000.00

CANCER CENTER

Project: Construction of a two-story vertical expansion at the south end of Wiseman Hall. The project when completed will provide laboratory facilities to house current and anticipated research programs in cancer research which includes Carcinogenesis, Viral Oncology, Tumor Immunology, and Developmental Chemotherapeutics.

Funding: H.B. 618, Item 315-120 OSU Cancer Center 1977-79 Biennium (\$1,000,000.00)
and
National Cancer Institute Grant (\$1,681,875.00)

Estimated Project Cost: \$2,681,875.00

SISSON HALL IMPROVEMENTS

Project: Create needed research laboratories and faculty offices for the College of Veterinary Medicine.

Funding: H.B. 618, Utilities and Renovation (1977-79 Biennium) \$290,000.00
and
Budget Account 210190 (Veterinary Medical Training Account) - \$30,000.00

Estimated Project Cost: \$320,000.00

November 3, 1978 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

STARLING-LOVING HALL IMPROVEMENTS (PHASE II)

Project: Continuation of the renovation of the space for the College of Optometry. These improvements will be accomplished in the north section of A-Wing, first and second floors. The first phase of the work started in 1973 and was completed in 1976.

Funding: H.B. 618, Utilities and Renovation (1977-79 Biennium)

Estimated Project Cost: \$160,000.00

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for these projects, and if satisfactory bids are received to recommend the award of the necessary contracts in accordance with the established University procedures; and that this action be reported at a later meeting.

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

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**REPORT OF AWARD OF CONTRACT AND
ESTABLISHMENT OF CONTINGENCY FUND**

Resolution No. 79-61

Synopsis: A contract has been awarded for one project to the lowest and best bidder in accordance with University procedures.

WHEREAS the resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Secretary of the Board of Trustees to sign the plans and specifications and for the President and/or Vice President for Business and Administration to request bids, and recommend awards, in accordance with the established University procedures for the following project:

GAS LINE REPLACEMENT

Description: Remove and replace deteriorated gas lines; North Oval tunnel, through 17th Avenue and North Neil Avenue tunnels, South Oval tunnel, South Neil Avenue tunnel, 12th Avenue tunnel and 11th Avenue tunnel. New installation will increase operating pressure.

November 3, 1978 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACT AND
ESTABLISHMENT OF CONTINGENCY FUND (contd)**

GAS LINE REPLACEMENT (contd)

Mechanical Contract

Date Received: September 28, 1978
No. of Bids: 6
Low Bid: \$105,312.00*
High Bid: \$283,363.00*
Estimate of Cost: \$177,000.00*
Awarded to: C & E Mechanical (New Albany, Ohio)

Total Contract: \$105,312.00

Total Contingency Allowance: \$ 7,372.84 which is 7 per cent of construction contract

Total Project Cost: \$115,723.84

Funding: H.B. 618 (Utilities and Renovation, 1977-1979 Biennium)

*Recommended alternates reflected in these figures.

NOW THEREFORE

BE IT RESOLVED, That pursuant to a previous action of the Board, a construction project was bid, a contract was recommended for award, establishment of a contingency fund and expenditure of project funds are hereby reported.

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

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HOSPITALS SELF-INSURANCE AND INDEMNIFICATION PROGRAM

Resolution No. 79-62

Synopsis: Resolution proposed to extend coverage of the "Hospitals Self-Insurance and Indemnification Fund" to certain strict full-time members of the attending staff.

November 3, 1978 meeting, Board of Trustees

HOSPITALS SELF-INSURANCE AND INDEMNIFICATION PROGRAM (contd)

WHEREAS, pursuant to Section 2743.02(C) of the Ohio Revised Code, the Board of Trustees by actions of December 15, 1976 and June 8, 1978 established a hospital professional liability indemnification program known as the "Hospitals Self-Insurance and Indemnification Fund" (Fund) covering those persons for whom insurance had previously been afforded under policies issued by the Ohio Medical Professional Liability Underwriting Association providing indemnification on the same basis and subject to the same terms and conditions as set forth in those policies; and

WHEREAS, the coverage under the Fund was not extended to members of the University Hospitals attending staff; and

WHEREAS, it has now become advantageous to the University Hospitals in certain specific situations, within the limits already established to extend coverage of the Fund to certain strict full-time members of the attending staff:

NOW THEREFORE BE IT RESOLVED THAT

Pursuant to Section 2743.02(C), the University Hospitals, within the existing coverage limits of the Fund, agree to indemnify and hold harmless, designated attending staff members employed on a strict full-time basis, against expense, including attorneys' fees, damage, loss or other liability arising, or claimed to have arisen out of, the death, disease, or injury of any person as a result of the negligence, malpractice, or other action or inaction of the indemnified staff member while acting within the scope of his or her duties, or engaged in activities at the request or direction, or for the benefit, of the University Hospitals; and

BE IT FURTHER RESOLVED that upon the recommendation of the Dean of the College of Medicine, the President of the University shall designate those strict full-time attending staff members for whom indemnification shall be provided as set forth in the preceding paragraph and shall effect such coverage by filing with the Secretary of this Board notification that coverage is in effect and the effective date of such coverage; and

BE IT FURTHER RESOLVED that each time it is desired to designate such attending staff members indemnification coverage under the Fund, the Coordinator - Benefits Plan and Specifications shall be notified so that a prudent judgment may be made as to whether and to what extent the reserve funds need to be augmented to protect the actuarial soundness of the Fund.

President Enarson:

. . . Dr. Jacob has raised a key question which has apparently gone unanswered for some time now as to the applicability of this to oral surgeons. We've had some fairly hurried discussions on this. I would hope that the Board would approve this resolution, but I would also like the record to show that the Administration is prepared to speak to the interpretation of this. Perhaps Dr. Kuhn can also speak to this.

November 3, 1978 meeting, Board of Trustees

HOSPITALS SELF-INSURANCE AND INDEMNIFICATION PROGRAM (contd)

Dr. Kuhn:

Dr. Jacob had asked the question as to whether the oral surgeons in residence were covered by this same policy. I would like to assure him that we'll get that problem solved, they will, indeed, be covered by this policy.

Dr. Jacob:

This is a problem that goes back to the establishment of the self-insurance indemnification fund in the fall of 1976. I was concerned at that time that there were limitations placed on the coverage of the oral surgery residents, to wit, that they were covered when they were in the hospital side but once they passed through that door and they were in the Dental School wing doing the same procedures they were not covered. The Dental School has proceeded to buy coverage for these residents--nine individuals--out of their alumni gift funds. I do not think that this is something that is proper. I think they should be covered for the procedures that they're doing wherever they do them on our campus. It's something that has now drifted over two years. I would like to recommend passage of this motion so as not to further delay it since I now have the assurance of Dr. Kuhn that either the oral surgeon residents will be specifically included in this program or the Administration will bring forth another motion which will specifically include them and preclude any further purchase of individual policies by the college or their alumni.

In casting his affirmative vote, Dr. Jacob said, "I would also hope that this would not consume two more years to get this done."

Upon motion of Dr. Jacob, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT - AUDITOR OF STATE FOR THE OHIO STATE UNIVERSITY -
NATIONAL DIRECT STUDENT LOAN PROGRAM**

Resolution No. 79-63

Synopsis: Report of State Auditor for The Ohio State University - National Direct Student Loan Program for the period July 1, 1974 through June 30, 1977 is recommended for acceptance.

WHEREAS the Auditor of State is charged with the statutory responsibility for auditing accounts for all departments of the State, including state-assisted universities; and

WHEREAS the report of the Auditor of State for The Ohio State University - National Direct Student Loan Program for the period July 1, 1974 through June 30, 1977, has been received and reviewed by the appropriate officers of the University; and

November 3, 1978 meeting, Board of Trustees

**REPORT - AUDITOR OF STATE FOR THE OHIO STATE UNIVERSITY -
NATIONAL DIRECT STUDENT LOAN PROGRAM (contd)**

WHEREAS the accounts, records, files and reports of The Ohio State University were found to be in essentially satisfactory condition but certain recommendations were included in the report; and

WHEREAS the recommendations have been studied by the appropriate administrative officers and steps have been taken to correct the problems that were found:

NOW THEREFORE

BE IT RESOLVED, That this report of the Auditor of State for The Ohio State University - National Direct Student Loan Program be received and filed with the official documents of the University.

Upon motion of Mr. Havens, seconded by Mr. Hilliker, the foregoing resolution was adopted by unanimous voice vote.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 79-64

RESOLVED, That the report on the University's Investment Portfolio dated October 20, 1978, 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 - ENDOWMENT FUNDS

Resolution No. 79-65

Mr. Havens:

There is a second matter I would like to report on--our endowment funds. We've surveyed all of our security holdings and we find that we are in compliance to the 'Sullivan Principles' and/or their equivalents with the exception of four stocks for which we have been unable to obtain any information. We will be selling their stocks if we don't get an answer to our request as to their investment policies. On the whole, our investments are in compliance with that action of the 7th of April. That requires no recommendation on the part of this Board. It is simply a report. I do have one matter, though, that will require Board action.

Dr. Sirak: You are selling stock?

November 3, 1978 meeting, Board of Trustees

REPORT - ENDOWMENT FUNDS (contd)

Mr. Havens:

No, Fiscal Affairs has the authority to sell, we don't have to come to the Board with each security. But there is a matter we do wish to bring before you and request your support by Board action. Our endowment fund, by resolution of this Board, was to invest its funds from 45 per cent to 55 per cent in common securities and 45 per cent to 55 per cent in fixed income securities; in other words, with a 10 per cent sway either way. We are not presently in compliance with that resolution. We have provided our equity consultants only approximately 41 per cent of the total funds. Thus we're below the minimum of 45 per cent.

Dr. Sirak: How far below?

Mr. Havens:

Four points or approximately 10 per cent below the minimum. However, I would also hasten to point out that of the money assigned for equities investments, approximately \$28 million, I would judge only \$20 million is actually invested in the equities. Our advisers are holding a substantial amount in cash--short-term notes--and are not fully invested in the securities market. Based on their advice which we are passing on to the Board, and with which we agree, we should be invested below 45 per cent in equities at this time. We are now probably about only one-third in equities. We'd like to have your support to continue on this basis.

Dr. Sirak:

What you're really saying is that you're 15 per cent or so away from the target of which the resolution originally stipulated. Maybe the thing to do is to widen that swing from 10 per cent to about 25 per cent and then it will take in these contingencies.

Mr. Havens:

The swing from 45 per cent to 55 per cent can be widened to say 30 per cent to 70 per cent.

Dr. Sirak: Yes.

Mr. Havens:

If we've offered 45 per cent of our securities business to our managers and they have chosen only to invest, say two-thirds of those funds in equities and keep one-third in cash, are we in violation or are we not? I think you ought to understand that of say \$68 million less real estate holdings in our portfolio only approximately 30 per cent is invested in equities, 70 per cent in debt securities.

November 3, 1978 meeting, Board of Trustees

REPORT - ENDOWMENT FUNDS (contd)

Dr. Sirak:

We could reword the resolution so as to include in that swing only those stocks managed by ourselves.

Mr. Havens:

Well, based on the equity advisers, we are letting that money sit in cash rather than equities. How do you want us to handle it?

Dr. Sirak: How would you recommend that the Board handle it?

Mr. Havens:

I think our committee would recommend that we stay in the posture we are in and amend the earlier resolution.

Dr. Sirak: In other words make the resolution more flexible.

Mr. Havens:

We truly would be on a basis, if you agreed with it, of about 30 per cent equities at this time and 70 per cent fixed.

Mr. Galbreath: Is that because of the condition of the market today?

Mr. Havens:

That is because of the unique condition of the market. For instance we have \$17 million invested with the Chicago fund which is an equity fund. Almost half of that portfolio is sitting in short-term funds, yet we employed them as equity counselors. It is their advice that we keep our investment this way temporarily. I don't know for how long and whose crystal ball to use.

Mr. Hilliker:

I would move that subject to further actions of this Board that all of the percentage requirements be waived as to mix of equities and cash investment.

Mr. Havens: For an indefinite period?

Mr. Hilliker: Until the Board decides otherwise.

Dr. Sirak: It has been moved, anybody second the motion?

Dr. Jacob: I don't know whether that's the way to go or not.

November 3, 1978 meeting, Board of Trustees

REPORT - ENDOWMENT FUNDS (contd)

Mr. Havens: Would you support it at 70 - 30?

Mr. Hilliker: But it could get worse.

Mr. Havens: Then I might come back to you if it gets worse.

Mr. Galbreath: Why don't you do that.

Mr. Havens: I would second it if you amend it to 70 - 30.

Mr. Hilliker: I'll amend it to 70 - 30.

Mr. Havens: I'll second 70 - 30.

Dr. Sirak:

It has been moved and seconded; any further discussion of the 70 - 30 ratio?

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

--O--

REPORT - PRESIDENT ENARSON

Status of Associate of Arts Degree

President Enarson reported the Ohio Board of Regents had rejected the Associate of Arts degree which was approved by this Board, June 8, 1978.

A number of officials at the state's two-year technical and community colleges have fought to prevent four-year state institutions from awarding associate degrees. "The recommendation was simple--it's truthful to say absurdly simple. It would in no way change now or in the future . . . the mission of the University." The associate degree would have been awarded to students who completed two years of study in a degree-granting program.

President Enarson enumerated several universities including Harvard, Minnesota and Wisconsin which grant associate degrees. Further he pointed out when the Board of Regents rejected the degree proposal they were contradicting their own Master Plan in which four-year universities were told to increase services to surrounding communities.

Board of Nursing Education and Nursing Registration

President Enarson:

One other matter I want to take only a minute--we discovered almost by accident some weeks ago that a state agency called the Board of Nursing Education and

November 3, 1978 meeting, Board of Trustees

REPORT - PRESIDENT ENARSON (contd)

Board of Nursing Education and Nursing Registration (contd)

President Enarson: (contd)

Nursing Registration, I believe, had prepared a series of amended rules the effect of which was to intervene directly in the life of this University. These rules invaded the University in the most direct sense in that they dictated the faculty/student ratio in nursing and the qualifications which a person must have as director of the school of nursing. We did some quick writing of some testimony and when I arrived I discovered that these rules had been pulled at the last minute, but I was permitted to leave my statement and I did make the point as forcefully as I could that if each of the 28 health science crafts or sub-crafts are to be permitted to move outside the confines of the University and to get some special board or committee to dictate the credentials that has the effect of fragmenting the University. I think that would be extremely dangerous. We haven't heard the last of this matter, I simply cite it to you as one more illustration of so many efforts that we see on the part of governments to really intrude in ways that I regard as inappropriate in the life of the University.

Associate of Arts Degree Comments

Dr. Sirak:

Mr. President, I would just like to amplify one thing. Going back to your first topic about the Board of Regents refusal of--to give you the right to have an associate of arts degree. What you're really saying is that their decision in no way alters our activity in that area. In other words, we're doing the same amount of teaching, we'll do it with the same number of people, they'll cover the same subjects, the only thing their refusal did was to prevent our putting into their hands a piece of paper.

President Enarson: That's exactly right.

Dr. Sirak:

Now what bit of enlightened judgment did produce this kind of thing? Do we have any understanding of that?

President Enarson:

I think there was fear on the part of some other institutions of postsecondary education in the community that somehow we were interested in stealing the market from them, I think to me, the utterly key basic point in this is that--the other institutions--other state universities are already empowered to do precisely this, so it's only in Franklin County and the regional campuses which we have that there is a bar to providing an associate--this kind of liberal arts associate of arts degree in a public university.

November 3, 1978 meeting, Board of Trustees

REPORT - PRESIDENT ENARSON (contd)

Associate of Arts Degree Comments (contd)

Dr. Sirak: Are we going to do anything to rectify this?

President Enarson:

We've not come to a conclusion as to what might be the appropriate next steps. I found it distressing that our staff made all the arguments that I presented a moment ago and they presented them, I am sure, in a more orderly and thoughtful comprehensive fashion than I did hurriedly and it was voted down unani-
mously.

Dr. Sirak:

But your arguments didn't go before the full Board, it went before a committee of the Board of Regents, didn't it?

President Enarson: No.

Dr. Sirak: It went before the full Board of Regents?

President Enarson: Yes.

Dr. Sirak: Then what were their reasons for turning it down, have we had any?

President Enarson:

Fear that somehow this would change our mission. John Mount is here. John, is it accurate that there was some fear, we think unjustified, that we would somehow steal students away?

Mr. John Mount:

That was the interpretation particularly here in Franklin County. It was clear that discussion upon this issue had taken place prior to the meeting and reported to me.

Mr. President, there is a great concern on the regional campuses that we go back before the Board of Regents. There is a concern also that the goal for the total University, for our faculty and students on the regional campuses want to be a part of one University, not have separate degrees out there. We would like to keep this one University. Further they do feel that it is right and proper for students who spend two years in an organized program on a regional campus to have a paper to show that they have achieved.

--o--

November 3, 1978 meeting, Board of Trustees

Thereupon the Board adjourned to meet Thursday, December 7, 1978, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

Howard D. Sirak
Chairman

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APPENDIX II

Degrees Conferred at

**THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION**

December 8, 1978

Page 272 is blank

The Recipients of Honors

Howard R. Bowen Doctor of Humane Letters

Economist and educator, Howard R. Bowen has served with distinction in business, government, and higher education. His scholarly skills, applied to the economics of post-secondary education, have brought new understanding to the increasingly complex world of college and university finance. To his research he brings the keen insights gained as head of Grinnell College, the University of Iowa, and Claremont University Center. Numerous honors affirm the many contributions he has made. His recent studies document higher education as a sound investment and provide a timely beacon to guide our institutions of higher learning through the economic uncertainties of the future.

Anna Sokolow Doctor of Humanities

A major figure in the modern dance revolution of this century, Anna Sokolow is at once a great choreographer, celebrated dancer, and distinguished teacher. She has been associated with all aspects of the development of dance in this country. Her artistic influence has been felt internationally as well, notably in Mexico and Israel. Her original ballets are in the repertoires of leading performing companies throughout the world. Underlying the creativity of her remarkable career is a penetrating insight into the human condition.

Frank Ransom Strong Doctor of Laws

A recognized leader in American legal education and a leading authority in constitutional law, Frank Ransom Strong served this University and the College of Law with loyalty and dedication as dean, professor, scholar, and friend. His guiding hand shaped the college as it is known today, and his work continues to be reflected in every aspect of its programs. Under his leadership, the college prospered and developed the national reputation it now enjoys. He embodies the best in the tradition of American legal education. His many contributions to this University and to his profession stand in tribute to a career of great distinction.

Graduate School

Dean: Jules B. LaPidus

Doctor of Philosophy

One hundred and thirty-nine candidates

Frank Robert Abate, Birmingham, Mich.; B.A. (Xavier University); M.A.; *Classics*; Dr. Carl C. Schlam

Mohammed Hamid Abdallah, Columbus; B.S., M.S. (American University of Beirut); *Agricultural Economics and Rural Sociology*; Dr. Fredrick J. Hitzhusen, Dr. Leroy J. Husak

Maryam Alavi, Columbus; B.A. (State University of New York College at Buffalo); M.S.; *Interdisciplinary: Business Administration, Industrial and Systems Engineering, Computer and Information Science*; Dr. Orlando C. Behring

Douglas Charles Bachtel, Colorado Springs, Colo.; B.S., M.S. (Colorado State University); *Agricultural Economics and Rural Sociology*; Dr. Ted L. Napier

Robert Alan Barcus, Columbus; B.A., M.A.; *Psychology*; Dr. Andrew I. Schwebel

Atallah Ahmad Gheyas Baroudi, Lebanon; B.S. (Cairo University); *Horticulture*; Dr. Wilbur A. Gould

Michael Harry Baumgardner, Columbus; B.S., M.A.; *Psychology*; Dr. Anthony G. Greenwald

Kathleen Grabaskas Beal, Columbus; B.S. (Ohio Dominican College); M.S.; *Zoology*; Dr. Thomas C. Grubb, Jr.

Elizabeth Bell, Clinton, S. C.; B.A. (Allen University); M.A. (Indiana University); *Education*; Dr. Edward D. Allen

Priscilla Beth Bell, Columbus; B.S. (Mount Union College); M.S.; *Chemistry*; Dr. Andrew A. Wojcicki

Donna Freshman Berlin, Columbus; B.S. (Syracuse University); M.A. (New York University); *Education*; Dr. Martin L. Languis

Nageshwar Rao Bhaskar, India; B. Tech. (Indian Institute of Technology); M.Sc. (Maryland State University); *Civil Engineering*; Dr. Vincent T. Ricca

Keith Louis Bildstein, Warren, N. J.; B.S. (Muhlenberg College); M.S.; *Zoology*; Dr. Thomas C. Grubb, Jr.

Kathleen Clare Bliessner, Columbus; B.A. (Mercyhurst College); M.S.; *Chemistry*; Dr. Derek Horton

Patricia Crego Boylan, Columbus; B.A. (Kalamazoo College); M.A. (Western Michigan University); *Education*; Dr. Gilbert A. Jarvis

Stephen Thomas Brewster, Kettering; A.B., A.M. (Indiana University); *Mathematics*; Dr. William D. Homer, Dr. Henry H. Glover

Eric Dorn Brose, Columbus; B.A. (Miami University); M.A.; *History*; Dr. Andreas Dorpalen

Timothy Carr, Doylestown, Pa.; B.A. (Pennsylvania State University); M.A.; *Economics*; Dr. Herbert J. Parnes

Johnny Carter, Waverly, Ga.; B.S. (Fort Valley State College); M.S. (Tuskegee Institute); *Horticulture*; Dr. Dale W. Kretchman

Ralph Peter Cebulla, Hiram; A.B. (San Jose State College); M.A.; *Psychology*; Dr. Herbert L. Mirels

Ching-hsi Chang, Columbus; B.A. (National Taiwan University); M.A.; *Economics*; Dr. Herbert S. Parnes

Wanda King Cheek, Roswell, Ga.; B.S., M.S. (University of Southern Mississippi); *Home Economics*; Dr. Mary Lapitsky

Shih-Meng Sherman Chen, Taiwan, R.O.C.; B.A. (National Taiwan University); M.A.; *Economics*; Dr. Edward J. Kane

Marion Ursula Cohn, Westerville; B.A. (University of California); M.A. (California State College); *Psychology*; Dr. David Hotherstall

Steven Leroy Cook, Keyser, W. Va.; B.S. (West Virginia University); *Chemistry*; Dr. John A. Secrist, III

James Henry Cowardin, Columbus; B.S. (United States Naval Academy); M.A.; *Education*; Dr. John O. Cooper

Cecilia Ann Crawford, Columbus; B.A. (Florida State University); M.A.; *Psychology*; Dr. Henry R. Angelino

Elizabeth Fortunato Crider, Fairfax, Va.; B.S. (West Chester State College); M.A.; *History*; Dr. Sydney N. Fisher

Robert Gordon Cromley, Columbus; B.A., M.A.; *Geography*; Dr. Jeffrey P. Osleeb

Michael Alan Crosby, Windsor, Ont., Canada; B.A., M.B.A. (Andrews University); *Accounting*; Dr. Thomas J. Burns

David Winn Cunningham, Jr., Pahokee, Fla.; B.M.E. (Florida State University); M.A.; *Music*; Dr. Richard H. Hoppin

Drew Allen Denton, Columbus; B.S., M.Ed. (University of Missouri); *Education*; Dr. Robert R. Bargar

Satish R. Desai, Columbus; B.S. (University of Baroda); M.Tech. (Indian Institute of Technology); M.S. (University of California); *Industrial and Systems Engineering*; Dr. Richard A. Miller

William Rushworth Dickson, Calgary, Alta., Canada; B.A., B.Ed. (University of Alberta); M.Ed. (University of British Columbia); *Education*; Dr. Luvern L. Cunningham

Patricia Jane Donegan, Columbus; A.B. (College of Notre Dame of Maryland); M.A.; *Linguistics*; Prof. Robert J. Jeffers

Christopher Krzysztof Druzalski, San Mateo, Calif.; Diploma, MSEE (Polytechnic Institute of Warsaw); M.S.; *Electrical Engineering*; Dr. Richard M. Campbell

Harry Eugene Eisel, Westerville; B.A. (Saint Charles Borromeo College); M.A.; *Psychology*; Dr. Henry R. Angelino

Mohamed Shawkī Ahmed El-Ghazali, Cairo, UAR; B. Civil Engineering (Cairo University); M.S. (Institute of Aerial Survey); M.S.; *Geodetic Science*; Dr. Sanjib K. Ghosh

Ramon Acantilado Evangelista, Quezon City, Philippines; B.S. (University of Philippines); *Chemistry*; Dr. Jack Hine

Tamara Schlienger Evans, Gambier; Ped. (University of Bern); Testamur (University of Exeter); M.A., M.A.; *German*; Dr. Gisela M. Vitt

John Robert Farley, Columbus; B.S. (Miami University); M.A.; *Education*; Dr. Morris E. Gilliom

Aray Miguel Feldens, Porto Alegre, Brazil; Diploma, M.S. (Universidade Federal do Rio Grande); *Agricultural Economics and Rural Sociology*; Dr. Donald W. Larson

Jo Ellen Hitch Force, Worthington; B.S. (Iowa State University); M.S.; *Industrial and Systems Engineering*; Dr. Richard A. Miller

Barbara Oney Garvey, Hanover, Ind.; B.A. (Transylvania College); M.A.; *Communication*; Dr. John J. Makay

Nick Gatz, Worthington; B.A. (Fenn College); M.A.; *Public Administration*; Dr. Arthur D. Lynn, Jr.

Richard Davis Godfrey, Granville; B.M.E., M.S.; *Mechanical Engineering*; Dr. Charles F. Seeps, Dr. Henry R. Velkoff

Joanne Marie Golden, Columbus; A.B. (Ohio University); M.A. (University of Dayton); *Education*; Dr. Martha L. King

Richard Carl Gosswiler, Charlottesville, Va.; B.A. (Maryville College); M.A. (University of Tennessee); *History*; Dr. Bradley Chapin

Charlotte Krack Green, Seattle, Wash.; B.A. (Wittenberg University); M.A.; *English*; Dr. Richard D. Aitlick

Lawrence Wade Grimes, Columbus; B.S.A., M.S. (University of Georgia); *Animal Science*; Dr. Walter R. Harvey

Rickie Sue Grunden, Celina; B.S., M.A.; *Physical Education*; Dr. Barbara A. Nelson

Richard Alan Haugland, Pittsburgh, Pa.; B.S. (Muskingum College); *Developmental Biology*; Dr. Morris G. Cline

Andrew Haines Hawkins, Columbus; B.S. (Slippery Rock State College); M.A.; *Physical Education*; Dr. Walter F. Ersing, Dr. Vance W. Cotter

Gail Hasselbach Henderson, Worthington; B.S., M.A. (Michigan State University); *Education*; Dr. Charles M. Galloway

Roger John Henning, Parma; B.S. (Baldwin-Wallace College); *Geology and Mineralogy*; Dr. Wayne A. Pettyjohn

John Huang, Columbus; B.S. (Michigan Technological University); M.S. (University of California at Berkeley); *Electrical Engineering*; Dr. William H. Peake

Thomas Otto Iles, Charleston, W. Va.; B.S.Ed. (Ohio University); M.A.; *Education*; Dr. Thomas M. Stephens

Sister M. Lisa Jessel, New Haven, Conn.; A.B. (College of Saint Mary); M.A., Ph.D. (Catholic University of America); M.A.; *German*; Dr. Johanna S. Belkin

Nuri Kayansayan, Columbus; Diploma (Izmir State Academy of Engineering and Architecture); Diploma (Istanbul State Academy of Engineering and Architecture); M.S. (Massachusetts Institute of Technology); *Mechanical Engineering*; Dr. Lit S. Han

Thomas Allen Kazee, New Orleans, La.; B.A. (Baldwin-Wallace College); *Political Science*; Dr. Herbert B. Asher

Dorothy Steward Koehl, Columbia, Md.; B.S. (Purdue University); M.B.A.; *Business Administration*; Dr. Andrew H. Chen

- Michael Andrew Kovash, Canton; B.S., M.S.; *Physics*; Dr. S. Leslie Blatt
- Michael James Kozlow, Columbus; B.Ed., M.Ed. (University of Alberta, Canada); *Education*; Dr. Arthur L. White
- Tahlman Krumm, Jr., Columbus; B.A.; B.A. (University of Southern Florida); M.A.; *Communication*; Dr. Paul V. Peterson, Dr. Goodwin F. Berquist
- Marilyn Dunk Lafferty, Granville; B.S. (Denison University); *Anatomy*; Dr. G. Adolph Ackerman
- June Bok Lee, Parma; B.S. (Seoul National University); M.S.; *Metallurgical Engineering*; Dr. Roger W. Staehle
- Mary Jane Lee, Columbus; B.S., M.S.; *Computer and Information Science*; Dr. Ronald L. Ernst
- Michael Robert Levy, Dallas, Tex.; B.S., M.S. (University of Colorado); *Business Administration*; Dr. Bernard J. LaLonde
- Heng-Cheng Lin, Columbus; Graduated (Taiwan Provincial Taipei Institute of Technology); M.S.; *Electrical Engineering*; Dr. Aharon A. Keiensi
- Jennie May Kah Lincoln, Oxford; B.A. (Central College of Kentucky); M.A.; *Political Science*; Dr. R. William Liddle
- Kwen Liu, Columbus; B.S. (Northwest National University); M.A. (Presbyterian School of Christian Education); *Education*; Dr. Paul R. Klor
- Sai-Ho Liu, Columbus; B.Sc. (Chinese University of Hong Kong); M.S. (Miami University); *Chemistry*; Dr. John A. Secrist, II
- James Edward Lyons, Columbus; B.S. (Elizabeth City State College); M.A. (East Carolina College); *Education*; Dr. Roy A. Larmee
- Terry Joseph Mazanec, Solon; A.B. (Cornell University); *Chemistry*; Dr. Devon W. Meek
- Kathleen Elizabeth McCarthy, Columbus; B.A., M.A.; *Communication*; Dr. Robert R. Monaghan
- Patricia Ruth McCarthy, Towson, Md.; B.A. (Pennsylvania State University); M.A.; *Psychology*; Dr. Don M. Dell, Dr. Nancy E. Betz
- Danny Patrick McClowry, Alliance; B.S., M.Ed. (Southwest Texas State University); *Communication*; Dr. James D. MacDonald
- Ouida McDougal, Valdosta, Ga.; B.A. (Spelman College); M.Ed. (Valdosta State College); *Education*; Dr. Elsie J. Alberty
- Ise Johanna Petersen Meyer, Delaware; B.A. (Ohio Wesleyan University); M.A.; *German*; Dr. Henry J. Schmidt
- Peter Edwin Miller, Dayton; B.E.E., M.S.; *Electrical Engineering*; Dr. Kenneth J. Breeding
- Hendree Brinton Milward, Lawrence, Kan.; B.A. (University of Kentucky); M.A.; *Public Administration*; Dr. Clinton V. Oster
- Mark Jeffrey Moody, Columbus; M.A.; *Psychology*; Dr. Delos D. Wickens
- Mary Louise Eddy Moore, Warehouse Point, Conn.; B.A. (Principia College); M.A. (Western Illinois University); *Education*; Dr. Frank J. Zidons
- Mohammad Nabavi, Columbus; A.A.S. (Gulf Coast Junior College); B.A., M.A. (University of South Florida); *Physical Education*; Dr. Seymour Kleinman
- Lawrence Dennis Nadel, Brooklyn, N. Y.; B.S.E.E. (Polytechnic Institute of Brooklyn); M.S.; *Electrical Engineering*; Dr. Herman R. Weed
- Victor Peter Nelson, Columbus; B.S.E.E. (University of Kentucky); M.S.; *Electrical Engineering*; Dr. Kenneth J. Breeding
- Edward R. Niple, Columbus; B.S.; *Physics*; Dr. John H. Shaw
- John Eric Nolt, Columbus; B.A., M.A.; *Philosophy*; Dr. George F. Schumm
- Roberta Sellers Null, West Lafayette, Ind.; B.S. (South Dakota State College); M.A. (University of Minnesota); *Home Economics*; Dr. Julia I. Dalrymple
- Walter Brian O'Malley, Columbus; B.S., M.A.; *Psychology*; Dr. Don M. Dell, Dr. Theodore J. Kaul
- David Michael Orenstein, Springfield; B.A. (Temple University); M.A.; *Sociology*; Dr. Roscoe C. Hinkle
- Dorothy Sue Painter, Zanesville; B.S., M.A.; *Communication*; Dr. John J. Makay
- Jesse David Parete, Jr., Lima; B.S. (State University of New York College at Brockport); M.A. (Bowling Green State University); *Education*; Dr. Jon L. Higgins
- Helen Celia Paul, Columbus; B.A. (Hamline University); M.A.; *Psychology*; Dr. Lyle D. Schmidt
- Anthony David Pellegrini, Moosup, Conn.; B.A. (Nasson College); M.A.; *Education*; Dr. Johanna S. DeStefano
- Stephen Earl Peterson, Columbus; B.S., M.A. (Michigan State University); *Education*; Dr. George L. Trzebiatowski
- Nancy Josephine Pitner, Columbus; B.S.Ed. (Youngstown State University); M.A.; *Education*; Dr. Raphael O. Nystrand
- Algimantas Jonas Pliodzinskas, Cleveland; B.S., M.S. (University of Akron); *Environmental Biology*; Dr. Charles E. Herdendorf, Dr. N. Wilson Britt
- Daniel Andrew Potter, Ithaca, N. Y.; B.S. (Cornell University); M.S.; *Entomology*; Dr. Donald E. Johnston
- Richard Ellsworth Pratt, Danvers, Mass.; B.S. (Lowell Technical Institute); *Biochemistry*; Dr. Lee F. Johnson
- Anita Christensen Pritchard, Bakersfield, Calif.; B.A. (California State College at Bakersfield); *Political Science*; Dr. Aage R. Clausen
- Ann Littmann Rappoport, Wyncote, Pa.; A.B. (Oberlin College); M.A.; *Political Science*; Dr. Philip D. Stewart
- Elbert Milton Ross, Columbus; B.S. (Fayetteville State University); M.A., M.A. (Fisk University); *Education*; Dr. Stanley L. Helgeson
- Janet Elaine Rubin, Glenville, W. Va.; B.A. (Pennsylvania State University); M.A. (University of Connecticut); *Education*; Dr. George L. Lewis
- Masood Sabihi, Iran; B.Sc. (Pahlavi University); M.S.; *Agricultural Education*; Dr. Robert W. McCormick
- Larry A. Sachs, Columbus; B.S. (Rose Polytechnic Institute and Indiana State University); M.A. (University of Arkansas); *Education*; Dr. Richard J. Skumway
- Timothy Lee Sanz, Versailles, Ky.; A.B. (Indiana University); M.A.; *Slavic Languages and Literature*; Dr. Kenneth E. Naylor
- Chester Arthur Schriesheim, Kent; B.S., M.B.A. (Michigan State University); *Business Administration*; Dr. Orlando C. Behling
- Janet Fulk Schriesheim, Kent; B.A. (Michigan State University); M.B.A.; *Business Administration*; Dr. H. Randolph Bobbitt, Jr.
- Sandra Laranell Shands-Strong, Columbus; B.S.Ed. (Wilberforce University); M.A.; *Education*; Dr. Robert J. Siterman
- Theodore Paul Shannon, Columbus; B.A. (Malone College); M.A.; *Agricultural Education*; Dr. Richard H. Wilson
- Hany Amin Shawky, Guilderland, N. Y.; B.S. (Ain Shams University); M.S., M.B.A. (Ohio University); *Business Administration*; Dr. Andrew H. Chen
- Gail Anne Siegerdt, Xenia; A.B., M.A. (University of Illinois); *Communication*; Dr. Keith Brooks, Dr. Thomas A. McCain
- William Randolph Simpson, Great Falls, Va.; B.S. (Virginia Polytechnical Institute); M.S.; *Aeronautical and Astronautical Engineering*; Dr. Gerald M. Gregorek
- David Scott Sink, Columbus; B.S., M.S.; *Interdisciplinary: Industrial and Systems Engineering, Public Administration, Education and Business Administration*; Dr. William T. Morris
- Kwame Sintim-Damoa, Wamfie, Ghana; B.S. (University of Science and Technology); M.S.; *Metallurgical Engineering*; Dr. George R. St. Pierre
- Seyoum Solomon, Columbus; B.S. (Haile Selassie I University); M.S. (Michigan State University); *Agricultural Economics and Rural Sociology*; Dr. Donald W. Larson, Dr. Francis E. Walker
- Robert Allen Stier, Deerfield Beach, Fla.; B.A. (College of the Holy Cross); M.A.; *Psychology*; Dr. Malcolm Helper
- Brent Marvin Strong, Colorado Springs, Colo.; B.A. (Brigham Young University); M.S. (Georgetown University); *Education*; Dr. Edward D. Allen
- George William Sturm, Grove City; B.A. (Ohio University); M.S.; *Statistics*; Dr. D. Ransom Whitney, Dr. Michael A. Fligner
- Jamalludin Bin Sulaiman, Columbus; Diploma (College of Agriculture); B.S., M.S. (University of California at Davis); *Agricultural Economics and Rural Sociology*; Dr. Leroy J. Hushak
- Herbert Richard Summers, Glendale, Calif.; B.S. (University of California, Los Angeles); M.S.; *Physics*; Dr. Philip E. Wigen
- John Alan Swartz, Youngstown; B.S., M.A. (Athenaeum of Ohio College); M.A. (Saint Louis University); *Education*; Dr. Robert W. Wagner

Christine Elaine Thompson, West Lafayette, Ind.; B.A., M.A. (Indiana State University); *Classics*;
Dr. Charles L. Babcock

Hung Ban Tran, Viet Nam; B.S.E.E., M.S. (Ohio University); *Electrical Engineering*; *Dr. Jack H. Richmond*

Richard J. Uriarte, Columbus; B.S. (State University of New York College at Oneonta); M.S.; *Chemistry*;
Dr. Devon W. Meek

Boudewijn Hendricus Van Gelder, The Netherlands, Holland; Diploma, M.Sc. (Delft University of Technology); *Geodetic Science*; *Dr. Ivan I. Mueller*

Mary Ann Young VonGlinow, Manhattan Beach, Calif.; B.A. (Bradley University); M.B.A., M.A.; *Business Administration*;
Dr. H. Randolph Bobbitt, Jr.

Ronald William Walker, Columbus; B.S., M.S. (University of Tennessee); *German*; *Dr. Harry Vredeveid*

Ying Wang, Keelung, China; B.S. (National Chung-Hsing University); M.S.; *Chemistry*; *Dr. Leon M. Dorfman*

Jerry Lewis Warren, Wauwatosa, Wis.; B.A. (Southern Methodist University); M.A. (University of Oregon); *German*;
Dr. Johanna S. Belkin

Gary Arthur Welch, Houston, Tex.; B.S., M.S.; *Metallurgical Engineering*;
Dr. Roger W. Staehle

Kenneth Earl Wilkes, Columbus; B.S.M.E. (Duke University); M.S.M. (Purdue University); M.S.; *Physics*;
Dr. Mohammed Yaqub

David Slate Williams, Columbus; B.S., M.S. (North Carolina State University); *Metallurgical Engineering*;
Dr. John P. Hirth

Sue-Lein Lee Yang, China; B.S. (National Taiwan University); *Chemistry*;
Dr. Perry A. Frey

Stephen Curtis Yerian, Columbus; B.A. (Kenyon College); M.S.; *Physics*;
Dr. L. Carlton Brown

Pui Ho C. Yuen, Columbus; B.S. (State University of New York College at Stony Brook); *Pharmacy*;
Dr. Theodore D. Sokolosi

James Patton Zeigler, Columbus; B.S. (Muskingum College); *Chemistry*;
Dr. Jack Hine

Clifford W. Zukin, Menlo Park, Calif.; B.S. (University of Oregon); M.A.; *Political Science*; *Dr. Herbert B. Asher*

Certificate of Specialist in Translation from the Russian Social Sciences

One candidate

Dana Lynn Murphy, Cincinnati; B.A. (Emory University)

Master of Accounting

One candidate

Ronald Richard Brown, West Jefferson; B.S.Ed.; *Accounting*

Master of Architecture

Four candidates

Emil Aurel Bogden, III, Columbus; B.S.Arch.; *Architecture*

Micheal J. Lough, Columbus; B.S.Arch.; *Architecture*

George C. Skarneas, Athens, Greece; Ptychion (National Technical University of Athens); *Architecture*

Terry Alan Willis, Worthington; B.S.Arch.; *Architecture*

Master of Arts

One hundred and fifty-seven candidates

Ben Sola Adeyemi, Ado Ekiti, Nigeria; B.A. (University of Ife); *Health Education (Physical Education)*

Priscilla Ham Alexander, Worthington; B.A. (Wellesley College); M.S.W.; *Public Administration*

Carolyn Sue Allen, Worthington; B.S.Ed.; *Education*

Leslee McDaniel Anderson, Reynoldsburg; B.S.Ed. (Capital University); *Education*

Susan Campbell Arnold, Columbus; B.S.Ed. (Miami University); *Education*

Azam Attar, Tehran, Iran; B.A., M.A. (University of Tehran); *Education*

Bruce Warren Aument, Columbus; B.A. (Capital University); *Anthropology*

Beverly McClure Battersby, Columbus; B.S.Bus.Adm. (Bryant College of Business Administration); *Education*

Donald Robert Beck, Worthington; B.S.Ed.; *Education*

David Joseph Benyi, Columbus; B.S.Ed.; *Education*

Vanessa R. Besteda, Mobile, Ala.; B.S.Bus.Adm. (*Business Administration*)

Mary Ann Beverly, Columbus; A.B. (Bryn Mawr College); *Slavic Languages and Literatures*

Julie Ann Bonfini, Akron; B.A.; *Physical Education*

Gregory W. Boughton, Stow; B.A. (University of Akron); *Slavic Languages and Literatures*

Dale Everett Brown, East Canton; *History*

Karen Anita Brown, Cincinnati; B.S.Soc.Wel.; *Education*

Dennis Edward Carley, Coventry, R. I.; B.A. (University of Rhode Island); *Psychology*

Anne Marie Catanzano, Arlington, Mass.; A.B. (Boston College); *Communication*

Judy Anne Charles, Granville; B.S. (Ohio Northern University); *Education*

David Carl Churchman, Columbus; B.S.Ed.; *Education*

Clifford Lynn Clements, Columbus; B.S.Ed.; *Education*

Judith S. Cobau, Springfield; B.S. (Mary Washington College); M.Ed. (Pennsylvania State University); *Interdisciplinary—Dance, Theatre*

Karen Yvette Cole, Riviera Beach, Fla.; B.S. (Bethune-Cookman College); *Sociology*

Robert H. Colson, South Bend, Ind.; B.A. (University of Notre Dame); *Accounting*

Edmund G. Cook, III, Rosemont, Pa.; B.A. (Amherst College); *History*

K. Geoffrey Cooper, Bellaire; B.A. (Dennison University); *Journalism*

Peggy Ward Corn, Ashland, Ky.; B.A. (University of Kentucky); *English*

Cynthia Brown Coxhead, Columbus; B.A. (Wellesley College); *Education*

Linda Creager, Columbus; B.S.Ed. (Ohio University); *Education*

James Hoffman Daggett, II, Groveport; B.S.; *Education*

Raymond Curtis Danziger, Springfield, N. J.; B.A. (Oberlin College); *Physical Education*

Lois Jean Darmstadter, Columbus; B.A.; *Psychology*

Marshá Davis, Buffalo, N. Y.; B.A. (State University of New York at Buffalo); *Journalism*

William John Deckman, Mayfield; B.A.; *Public Administration*

Ian Drake Deming, Worthington; B.S.; *Education*

John Bruce Denton, Galena; B.S.Ed.; *Education*

Ellen Keyse Dick, Columbus; B.S.; *Education*

Paula Ann Staniszewski Diener, New Kensington, Pa.; B.S. (Edinboro State College); *Education*

Debra J. Dozier-Coulter, Georgetown, S. C.; B.S. (Voorhees College); *Black Studies*

Terry L. Eicher, Orrville; B.A. (Muskingum College); *History*

John Albert Estes, King George, Va.; B.A. (College of William and Mary); *Photography and Cinema*

Donna Gutentag Estreicher, Cleveland; B.A.; *Psychology*

Stefanie Reggio Fell, Matamoras, Pa.; B.S. (Pennsylvania State University); *Education*

Marian Elizabeth Field, Sturgis, Mich.; B.S. (Miami University); *Public Administration*

Patricia B. Friese, Bexley; A.B. (Monmouth College); *Slavic Languages and Literatures*

Rebecca Lynn Garda, Ashland, Ky.; B.A. (University of Kentucky); *Communication*

Deborah Lea Gerhard, Columbus; B.A.; *Journalism*

Michael E. Gerner, Dayton; B.S.Ed.; *Education*

Patricia M. Gifford, Columbus; B.S.Ed.; *Education*

Kenneth Bruce Gold, Columbus; B.S.Bus.Adm.; *Business Administration*

Daryl Goldman, Philadelphia, Pa.; B.A. (State University of New York College at Buffalo); *Psychology*

Joan Leslie Goldstein, Columbus; B.S.Ed.; *Education*

- Kathleen Matthews Gray, Oklahoma City, Okla.; B.M. (University of Oklahoma); *Music*
- Madeleine G. Green, Granville; B.A.; *Romance Languages and Literatures*
- Gail A. Gregory, Columbus; B.A.; *Photography and Cinema*
- Patricia Berry Hannon, Columbus; B.S.Ed.; *Art Education*
- Janice Marlene Harden, Columbus; B.A.; *Journalism*
- Sarah Anne Hardesty, Prince Frederick, Md.; B.A. (Gettysburg College); *Psychology*
- Evan William Hauck, Exton; B.A. (Dickenson College); *Classics*
- Jose Maria Manuel Hernandez, San Antonio, Tex.; B.A. (Troy State University); *Education*
- Philip Lewis Hersch, Long Island City, N. Y.; B.A. (Queens College); *Economics*
- Harry Wayne Himelright, Cuyahoga Falls, N. Y.; B.S.Ed.; *Physical Education*
- George Hoffman, Columbus; B.A.; *Journalism*
- Julia Maxwell Hook, Orient; B.S.; *Education*
- Michael Lee Hoover, Danville; B.S.Ed. (Ashland College); *Education*
- Pamela Marie Hoover, Danville; B.S.Ed. (Ashland College); *Education*
- Frederick Curtis Hutchinson, Silver Hill, Md.; B.A. (Morgan State University); *Political Science*
- Rei-Shang Wang Hwang, Taipei, Taiwan; B.A. (National Taiwan University); *Anthropology*
- Charles Richard Ingram, Lewistown, Pa.; B.S. (Pennsylvania State University); *Physical Education*
- David Keennon Johnston, Marion; B.S.Ed.; *Education*
- Guy Jones, Pittsburgh, Pa.; B.A. (University of Pittsburgh); *Black Studies*
- Linda Stepp Jordan, Orient; B.S.; *Education*
- Jami Louise Jusifek, Stamford, Conn.; B.A. (Miami University); *Linguistics*
- Ellen Fowlkes Givens Judy, Columbus; B.M. (West Virginia University); *Theatre*
- Linda Lee Kelly, Grove City; B.S.Ed.; *Communication*
- Noreen C. Kittrell, Youngstown; B.A.; *Education*
- Jeffrey Dale Kline, Worthington; B.S.Bus.Adm.; *Physical Education*
- Evelyn Carol Kokai, Columbus; B.A. (Capital University); *Education*
- Deborah A. Konitsney, Ambridge, Pa.; B.A. (Pennsylvania State University); *Psychology*
- Ellen Louise Krajcovic, Lyndhurst; B.A. (Case Western Reserve University); *Geography*
- Susan R. Lancaster, Bellevue, Wash.; B.A. (Washington State University); *German*
- Michael Albert Landin, Elm City, N. C.; B.A. (East Carolina University); *English*
- Brian J. Lehrer, Bayside, N. Y.; B.A. (State University of New York College at Albany); *Journalism*
- Charles W. Leisenheimer, III, Toledo; B.A.; *Education*
- Robin Juliet Lowe, Madison, N. C.; B.S. (Shaw University); *Communication*
- Michael Thomas Lucid, Dayton; B.A.; *Romance Languages and Literatures*
- Nannette Vicars Maciejunes, Bexley; B.A. (Denison University); *History of Art*
- Glenna G. Major, Columbus; B.A. (Ohio University); *Education*
- Stewart Edward Mayer, Ballston Lake, N. Y.; B.S.Ed. (State University of New York College at Cortland); *Physical Education*
- Julian Woodburn McCracken, Jr., Asheville, N. C.; B.A. (University of North Carolina); *Physical Education*
- Rose Ann McElrath, Cincinnati; B.S. (University of Cincinnati); *Public Administration*
- Manley Kevin McGee, Columbus; B.A. (Ohio Dominican College); *Economics*
- Abigail Crosby McKean, Columbus; B.A. (Maryville College); *Education*
- Donna Charlene McMoore, Charlotte, N. C.; B.A. (Winston-Salem State University); *Sociology*
- Eileen Graham Meers, Worthington; B.S.Ed.; *Education*
- Jeanne Marie Mellett, Coshocton; B.S.Ed. (Miami University); *Education*
- Jean Ann Miller, Columbus; B.S.; *Education*
- Yolanda Eileen Miller, Asheville, N. C.; B.A. (Shaw University); *Communication*
- Thomas John Montagno, Marion; B.A.; *Education*
- Juanita Morant, Lumberton, N. C.; B.A.; (Saint Augustine's College); *Sociology*
- Melgenia C. Morgan, Decatur, Ga.; B.A. (Fisk University); *Economics*
- Miriam Ellen Morrison, Columbus; B.A. (Capital University); *Journalism*
- Blaine Eugene Moyer, Akron; B.S.; *Photography and Cinema*
- Judith Montgomery Munzinger, Columbus; B.S.; *Education*
- Daniel Patrick Murray, Columbus; B.A. (College of Saint Charles); *Education*
- Roger Weldon Myers, Mt. Vernon; B.A. (Salem College); *Black Studies*
- Ian B. Nassau, Hartsdale, N. Y.; B.A. (University of Miami); *Psychology*
- Shaun Perry Nicholson, Alliance; B.A. (Bowling Green State University); *Journalism*
- Jo Chern Nolt, Columbus; B.S.; *English*
- Ethel Maureen Norris, Petersburg, Va.; B.M. (East Carolina University); *Music*
- Sally R. Oddi, Columbus; B.S.Ed.; *Education*
- Sharon Ann Bernard Oliver, Columbus; B.S.Ed.; *Education*
- Yong Paik, Seoul, Korea; B.F.A. (Seoul National University); *Industrial Design*
- Maxine A. Robinson Pannell, Columbus; B.S. (West Liberty State College); *Education*
- Thomas Stewart Paulucci, Gowanda, N. Y.; B.A. (State University of New York College of Buffalo); *Psychology*
- Sharon Kathleen Peal, Shadyside; B.S. (Ohio University); *Education*
- Marie Frances Peters, Danville, Pa.; B.S.; *Psychology*
- Joseph P. Pillion, Newton, Mass.; B.A. (Western Michigan University); *Communication*
- Renée Lenice Pryor, Kansas City, Mo.; B.A. (University of Kansas); *Communication*
- Mirtha N. Quintanales-Fox, Delaware; A.B. (University of Illinois); *Anthropology*
- Barbara Joan Ralston, Columbus; B.S.Nurs.; *Health Education (Physical Education)*
- James Andrew Ries, Columbus; B.S.Ed.; *Education*
- Carol Ann Roberts, Pittsburgh, Pa.; B.S.Ed. (Duquesne University); *Black Studies*
- Emily B. Rutherford, Granville; B.A. (Smith College); *Education*
- Joseph Harris Saling, II, Columbus; B.A.; *English*
- Glenda Rhea Seeva, Columbus; B.A. Art Ed.; *Education*
- Catherine A. Schaller, Niagara Falls, N. Y.; B.A. (Niagara University); M.S. (State University of New York College of Buffalo); *Anthropology*
- Gary Scott Singletary, Orlando, Fla.; B.S.Bus.Adm. (Texas American University); *Public Administration*
- Patricia Saunders Smith, Chillicothe; A.B. (Western Kentucky University); *Education*
- Madelyn Louise Smoody, Cincinnati; B.A. (Seton Hill College); *Economics*
- Linda L. Sohner, Columbus; B.S. (Bowling Green State University); M.Ed. (Pennsylvania State University); *Communication*
- Genyi C. Soo, Lessel, Nigeria; B.S. (Rio Grande College); *Education*
- Rebecca J. Spicer, Lima; B.S. (Otterbein College); *Education*
- Pamela Louise Stacy, Columbus; B.S.; *Education*
- Brenda Strohl Steinbrecher, Delaware; B.S.; *Education*
- Jane R. Sutter, Columbus; B.A.; *Anthropology*
- Muftah Ahmed Swi, Columbus; B.S. (Ohio University); *Education*
- Carolyn Talbert, Columbus; B.A. (Ohio Dominican College); *Education*
- Linda Joyce Tarbox, Akron; B.A. (Vanderbilt University); *History of Art*
- Carolyn M. Taylor, Willits, Calif.; B.S. (Alamaba College); *Education*

Jane Hammond Taylor, Columbus;
B.S.; *Education*

Sue Antoinette Tepe, Cincinnati;
B.S.; *Public Administration*

Donna J. Terbizan, Novelty;
B.S. (Cleveland State University);
Health Education (Physical Education)

David W. Test, Oneonta, N. Y.;
B.A. (Eisenhower College); *Education*

Timothy Martin Teynor, Dover;
B.S. (College of Steubenville);
Public Administration

Luxana Theerakul, Bangkok, Thailand;
B.Ed. (Chulalongkorn University);
Education

Alan E. Toops, Columbus;
B.S.; *Education*

Delvius Elaine Wagner, Chicago, Ill.;
B.S. (Oakwood College); *Communication*

Daniel Douglas Walker, Lyndhurst;
B.S. (University of Cincinnati);
Public Administration

Judy Ann Walker, Gahanna;
B.S.; *Education*

Marian F. Wells, Columbus;
B.S.; *Education*

Robert D. Wells, Columbus;
B.A. (Clark University); *Psychology*

Robert James Whitesitt, Madison, Wis.;
B.S. (University of Wisconsin);
Physical Education

Olivia Marie Willis, Pine Forge, Pa.;
B.S. (Columbia Union College);
Communication

Neil Wilner, Flushing, N. Y.;
B.A. (Queens College); *Accounting*

Elaine M. Zabor, Columbus; B.A.
(University of Akron); *Public Administration*

Richard Vincent Zucco, Willoughby;
B.S. (Kent State University); *Education*

Master of Business Administration

Thirty-five candidates

Larry Richard Bernstein, South Euclid;
A.B. (Washington University);
Business Administration

Louise E. Budde, Columbus;
B.S.Bus.Adm.; *Business Administration*

Brenda Chaney, Baltimore, Md.;
B.S. (Coppin State College);
Business Administration

John Russell Conley, Columbus;
B.S.; *Business Administration*

Nancy A. Edwards, Columbus;
B.S. (Bowling Green State University);
Business Administration

Charles W. Ewing, Jr., Cleveland;
B.S.; *Business Administration*

Christopher Mark Fearing, Bay Village;
B.B.A. (Ohio University);
Business Administration

Arthur C. Heintel, Cleveland;
B.S.B.A. (John Carroll University);
Business Administration

David Douglas Heston, Columbus;
B.A.; B.S.; *Business Administration*

Craig T. Hill, Lima; B.S. (University of
Colorado); *Business Administration*

Susan M. Houck, Camp Hill, Pa.;
B.S. (Pennsylvania State University);
Business Administration

Robert Scott Ingraham, Columbus;
B.S.; *Business Administration*

Jonathan Carson Ivec, Cleveland;
B.S. (John Carroll University);
Business Administration

Gary Steven Kays, Cincinnati;
B.S.; *Business Administration*

Richard A. Kostura, Chagrin Falls;
B.A.; *Business Administration*

Frederick Horn Laubach, IV, Wooster;
B.S.; *Business Administration*

Joan B. Lauback, Columbus;
B.A. (University of Nebraska);
Business Administration

Debra Elaine Linick, Columbus;
B.A. (University of Michigan);
Business Administration

Reginald Chibuzo Momah, Nigeria;
B.S. (Central State University);
Business Administration

Michael Angelo Montevideo, Niles;
B.S.E.E.; *Business Administration*

Oluwole A. Ogungbuyi, Lagos, Nigeria;
B.S.; *Business Administration*

Ernest Isimemeh Osagie, Denmark, S. C.;
B.S. (Wilberforce University);
Business Administration

Paul T. Pope, II, Lakewood; B.S. (Miami
University); *Business Administration*

Adair Schaffer, Columbus;
B.A. (Ohio Dominican College);
Business Administration

Charles F. Schultz, Ann Arbor, Mich.;
B.A. (Capital University);
Business Administration

Patty Lou Scott, Crozet, Va.;
B.S. (Virginia State College);
Business Administration

Alan T. Steigerwalt, Columbus;
B.S. (University of Delaware);
Business Administration

Robert S. Sweny, Bucyrus; B.S. (Miami
University); *Business Administration*

David DeVier Taylor, Columbus;
B.S.; *Business Administration*

Michael Patrick Tracey, North Ridgeville;
B.S. (Miami University);
Business Administration

Anthony P. Vitale, Jr., Bethpage, N. Y.;
B.A. (State University of New York
at Binghamton); *Business Administration*

Daniel Thomas Windnagle, Sandusky;
B.S.; *Business Administration*

Monlin Martin Wu, Kaehsiung, Taiwan;
B.S. (Tamkang College);
Business Administration

Tak-Wei Yau, Taipei, Taiwan;
B.S. (College of Chinese Culture);
Business Administration

Brenda Sue Yost, Clarksburg;
B.S. (West Virginia University);
Business Administration

Master of City and Regional Planning

Six candidates

Randell Roy Bauman, Worthington;
B.A. (Miami University);
City and Regional Planning

Richard K. Fromuth, Columbus;
B.S. (Drexel University);
City and Regional Planning

Maria Leal, Mexico City, Mexico;
Architect (Universidad Nacional Autonoma
de Mexico); *City and Regional Planning*

Susan Maslow, Riverside, Calif.;
B.A. (University of California at Los
Angeles); *City and Regional Planning*

Algis Anthony Puras, Chicago, Ill.;
B.A. (DePaul University);
City and Regional Planning

Abolfazl Vahdatinia, Mashad, Iran;
B.S. (National University of Iran);
City and Regional Planning

Master of Fine Arts

Two candidates

Jeffrey Stearns Alexander, Santa Barbara,
Calif.; B.A. (University of California at
Santa Barbara); *Art*

Pamela L. Johnson, Columbus; B.A.
(Saint Mary's College); *Theatre*

Master of Labor and Human Resources

Two candidates

Louis Jay Chodosh, Columbus; B.A.
(Rutgers University); J.D. (Capital
University); *Labor and Human Resources*

Rebecca Loring Smith, Ashland; B.S.;
Labor and Human Resources

Master of Music

One candidate

Mark Huddleston Cramer, Hidalgo, Ill.;
B.M. (University of Michigan); *Music*

Master of Science

One hundred and thirty-nine candidates

Hossein Abolmolouki, Tehran, Iran;
B.S.E.E.; *Electrical Engineering*

Jimmy A. Akinbiyi, Columbus; B.S.
(Wright State University); *Agronomy*

Michael Stephen Alexander, South Euclid;
B.S. (University of Notre Dame);
Chemistry

Stephen A. Altobelli, San Antonio, Tex.;
B.A. (Rice University); *Aeronautical and
Astronautical Engineering*

Marilyn Gehlhausen Andrews,
Huntingburg, Ind.; B.S. (Ball State
University); *Chemistry*

- Hirudayaraj Arockiaswamy, Tiruchi, India; B.S.; M.S. (University of Madras); *Mathematics*
- Peggy Lawson Asplund, Columbus; B.S. (Duke University); *Civil Engineering*
- Federico A. Baltodano, San Jose, New Mexico; B.E. (University of Costa Rico); *Civil Engineering*
- Lisa Kay Bauman, Worthington; B.S.; *Horticulture*
- Ernest F. Brickell, Sayre, Okla.; B.S. (Oklahoma State University); M.S.; *Computer and Information Science*
- Margaret Jean Brissenden, Columbus; B.S.; *Home Economics*
- Gael N. Buckley, Worcester, Mass.; B.S. (Florida State University); *Computer and Information Science*
- Mark Charles Calcaterra, Detroit, Mich.; B.E.E. (University of Detroit); *Electrical Engineering*
- Donna L. Caldwell, Washington, D. C.; B.S. (Bennett College); *Home Economics*
- Ta-Hua Chang, Taiwan, R.O.C.; B.S.E. (National Cheng Kung University); *Civil Engineering*
- Fu-Hua Cheng, Tainan, Taiwan; M.S. (National Tsing-Hua University); *Mathematics*
- Rit Chiang, Tolland, Conn.; B.S. (Lowell Technical Institute); *Computer and Information Science*
- Diane Messenger Clapp, North Babylon, N. Y.; B.S. (State University of New York College at Oneonta); *Home Economics*
- Mark Coady, Carle Place, N. Y.; B.S.; *Animal Science*
- David W. Coleman, Los Alamos, N. M.; B.A. (Pomona College); *Computer and Information Science*
- Dean Henry Conklin, Columbus; B.S.; *Agricultural Economics and Rural Sociology*
- JoEtta Westfall Cooper, Springfield; B.A. (Ohio Wesleyan University); *Home Economics*
- Robert Elwin Corder, Fairfield; B.S. (University of Cincinnati); *Microbiology*
- William H. Cormier, Fitchburg, Mass.; B.S. (University of Lowell); *Electrical Engineering*
- Jennie Marjorie Cross, Niles; B.S.Nurs. (Saint Louis University); *Nursing*
- James Robert Davies, South Australia; B.Ag.S., Dipl.Ed. (University of Adelaide South Australia); *Agricultural Education*
- Douglas L. Dill, Urbana; B.S. (Urbana College); *Agricultural Education*
- Vickie L. Douglas, DeGraff; B.S.; *Home Economics*
- Stylianios Drakatos, Athens, Greece; B.S. (New York Institute of Technology); *Electrical Engineering*
- Panagiota Economopoulos, Athens, Greece; D.D.S. (University of Athens); *Pathology*
- Milud Abdallah El-Gammudi, Tripoli, Libya; B.S. (University of Tripoli); B.S. (International Institute of Aerial Survey and Earth Science); *Geodetic Science*
- Antonio Carlos Elias, Brazil; *Dentistry*
- Abolfazl Famili, Tehran, Iran; B.S. (Tabriz University); *Agricultural Engineering*
- Andrew Donald Fenemor, Nelson, New Zealand; B.S. (Lincoln College); *Agricultural Engineering*
- Michael William Fleming, Manchester, Conn.; B.S. (Fairfield University); *Zoology*
- Russell T. Fling, Columbus; B.S.E.E.; *Electrical Engineering*
- Lee E. Flodin, Islington, Mass.; B.S. (University of Massachusetts); *Animal Science*
- Eunice Fanning Foster, Columbus; B.S. (Otterbein College); *Agronomy*
- Janet B. Fox-Moatz, Cleveland; B.S.; *Nursing*
- Jeffrey Louis Gerber, Columbus; B.G.S. (University of Michigan); *Natural Resources*
- Eliza Glover, Cleveland; B.S.H.E.; *Agricultural Education*
- Barbara Ann Hackman, Columbus; B.A. (Miami University); *Pathology*
- Dhananjay Hajela, Columbus; B.S.; *Mathematics*
- Allen Woodward Haley, Jr., Columbus; B.S. (Iowa State University); *Computer and Information Science*
- John Ellsworth Hansley, II, Columbus; B.S.; *Natural Resources*
- Lynn Simpson Hanzlick, Columbus; B.S.Nurs.; *Nursing*
- Robert B. Hauck, Dearborn, Mich.; B.M.E. (Villanova University); *Mechanical Engineering*
- Catherine Archibald Herron, Zanesville; B.S. (Capital University); *Nursing*
- Lynda Jenkins Heyl, London; B.S.; *Home Economics*
- Harold J. Hoops, III, Columbus; B.A. (Carrroll College); *Botany*
- Deborah J. Howard, Murfreesboro, N. C.; B.S. (North Carolina A & T University); *Home Economics*
- Cheng Hau, R.O.C.; B.S. (Tungshai University); *Industrial and Systems Engineering*
- David Zeno Hursh, Shelby; B.S.; *Chemistry*
- Barbara Kay Huskins, Asheville, N. C.; B.S. (Loma Linda University); *Allied Medical Professions*
- Ellen K. Imbody, Marion; B.S. (University of Wisconsin); *Allied Medical Professions*
- Ibrahim Ahmed Ismail, Magburaka, Sierra Leone, West Africa; B.A. (Rutgers University); *Chemistry*
- Gary A. Jeffrey, Chicago, Ill.; B.S. (Loyola University); *Chemistry*
- Carol Grim Jenkins, Gahanna; B.S.; *Nursing*
- Hueylin Jiang, Taipei, Taiwan; B.S. (Fu-Jen Catholic University); *Food Science and Nutrition*
- John William Johnson, Calumet, Mich.; B.S. (Michigan Technological University); *Chemistry*
- Robyn R. Jones, Middletown; B.S. (Ohio University); *Home Economics*
- Michael William Joosten, Albuquerque, N. M.; B.S.Met.E.; *Metallurgical Engineering*
- Nanda Prakash Joshi, Bhaktapur, Nepal; B.S. (Punjab Agricultural University); *Poultry Science*
- Farokh Kafizadeh, Iran; B.S. (Jundi Shapur University); *Animal Science*
- Alan J. Kaylo, Pittsburgh, Pa.; B.A. (DePauw University); *Chemistry*
- Janet Elaine Tillberg Keller, Dayton; B.S. (Kansas State University); *Home Economics*
- William J. Kent, Jr., Detroit, Mich.; B.S. (Spring Hill College); *Electrical Engineering*
- Uh Chul Kim, Seoul, Korea; B.S. (Seoul National University); *Metallurgical Engineering*
- Peter J. Kirwin, Cambridge, Mass.; B.A. (University of Notre Dame); *Mathematics*
- Laurence R. Kish, Gahanna; B.S.E.E.; *Electrical Engineering*
- Michael Kluse, Gahanna; B.S. (Miami University); *Industrial and Systems Engineering*
- Francois J. Koenig, Bethesda, Md.; B.E.E. (Catholic University of America); *Electrical Engineering*
- Nancy Amacher Kostura, Euclid; B.S.Nurs.; *Nursing*
- Ralph Joseph Kramer, III, Columbus; B.S. (Purdue University); *Civil Engineering*
- Barbara Caccamo Kroll, Youngstown; B.A. (Youngstown State University); *Home Economics*
- James Norman Lax, Green Bay, Wis.; B.S. (University of Wisconsin); *Atmospheric Sciences*
- Rohit Sadashiv Lele, Bombay, India; B.Tech. (Indian Institute of Technology); *Electrical Engineering*
- Shin-Lu M. Liu, Taiwan, R.O.C.; B.S. (Chung Yuan Christian College of Science and Engineering); *Civil Engineering*
- Judith Richardson Lubbers, Washington, Ill.; B.S. (Iowa State University); *Chemistry*
- Ira Brent Mandell, Columbus; B.S.; *Animal Science*
- Jon R. Manheim, Centerville; B.S. (Pennsylvania State University); *Chemical Physics*
- *Gene Anthony Marsh, Dayton; *Agricultural Economics and Rural Sociology*
- Sister Mary John Marzluf, Columbus; B.A. (Ohio Dominican College); *Allied Medical Professions*
- Marsha Lyn Maurer, Reynoldsburg; B.S. (Miami University); *Allied Medical Professions*

* Also Bachelor of Science in Agriculture, College of Agriculture and Home Economics

Donald Leroy McDowell, Grove City, Pa.; B.S. (Grove City College); *Chemical Engineering*

Marion Ray McKinnie, Pikeville, N. C.; B.S. (North Carolina A & T State University); *Animal Science*

Samuel C. McNamee, Frankton, Ind.; B.I.E. (General Motors Institute); *Industrial and Systems Engineering*

Cynthia Lee Meeker, Chillicothe; B.S.Nurs.; *Nursing*

Anthony O. Meves, Columbus; B.S.Agr.; *Food Science and Nutrition*

Ruth White Mickey, Reynoldsburg; B.S.; *Nursing*

Dennis G. Milbert, Rockville, Md.; B.A. (University of Colorado); *Geodetic Science*

Charles Alan Mitchell, Birmingham, Ala.; B.S. (University of Alabama); *Computer and Information Science*

Robert Jeffrey Moffatt, Mansfield; B.S.; *Animal Science*

James Patrick Monahan, Cincinnati; A.B. (Case Western Reserve University); *Aeronautical and Astronautical Engineering*

Carol J. Mount, Columbus; B.S.; *Microbiology*

Craig Donaldson Nardone, Columbus; B.S.; *Geology and Mineralogy*

Carlos Eugenio Kanteq Garcia Navarro, Curitiba, Brazil; D.V.M.; *Veterinary Pathobiology*

Joyce J. Nelli, Cleveland; B.S.N. (Saint Louis University); *Nursing*

Michael Francis O'Shea, Deep River, Conn.; B.S.E.E. (United States Air Force Academy); *Electrical Engineering*

Susan Lee Oskins, Wilmington, Ill.; B.S. (Evansville College); *Nursing*

Carol Elizabeth Ottinger, Northampton, Mass.; B.S.N. (Ohio University); *Nursing*

Nancy Louise Patton, Massillon; B.S.; *Nursing*

Donald R. Perine, Prichard, Ala.; B.A. (Dillard University); *Chemistry*

William David Peters, Baltimore, Md.; B.S. (Saint Mary's College of Maryland); *Zoology*

Frederick Paul Pizzo, Cincinnati; B.S. (University of Cincinnati); *Civil Engineering*

Edward F. Poyner, Chillicothe; A.B. (Ohio University); *Agronomy*

Richard Thomas Profant, Jr., Jefferson; B.S. (Kent State University); *Nuclear Engineering*

Patricia A. Prothro, Pittsburgh, Pa.; B.S. (Duquesne University); *Nursing*

Craig E. Raub, New Middletown; B.S. (Youngstown State University); *Computer and Information Science*

Olivier Henri Rinaldi, Paris, France; B.S.E.E.; *Electrical Engineering*

Robert C. Rivet, Woosocket, R. I.; B.A. (Boston College); *Agricultural Economics and Rural Sociology*

Christopher Francis Rizzo, Manassas, Va.; B.A. (Buffalo State College); *Horticulture*

Babajide Adebola Rogers, Lagos, Nigeria; B.S. (Oklahoma State University); *Agricultural Economics and Rural Sociology*

Lorey James Roggenkamp, Worthington; B.S.; *Natural Resources*

William Jackson Rose, Jr., Columbus; B.S.; *Zoology*

Robert Charles Rosing, Columbus; B.S. (University of Cincinnati); *Animal Science*

David Daniel Rowlands, Worthington; B.S.; *Mathematics*

Phillip W. Russell, Nashville, Tenn.; B.A. (Vanderbilt University); *Biophysics*

Dennis Wayne Schroll, Jamesport, Mo.; B.S. (University of Missouri); *Aeronautical and Astronautical Engineering*

Charles R. Semer, IV, Wooster; B.S. (University of Akron); *Plant Pathology*

Charles Ting-Shen Shyy, R.O.C.; B.S. (National Taiwan University); *Civil Engineering*

Richard Allen Sones, Dayton; B.S.; *Physics*

Ana Maria Sonnemann, Mexico City, Mex.; Licenciatura (University of Mexico); *Metallurgical Engineering*

Gordon W. Spray, Fairborn; B.S. (Occidental College); *Computer and Information Science*

Carlos Francisco Tapia Carlin, Puebla, Puebla, Mexico; B.S. (Puebla Institute of Technologico); *Mechanical Engineering*

Charlene Martha Taylor, Vernon, Conn.; B.S. (University of Connecticut); *Home Economics*

Jeffrey Alan Titus, New Knoxville; B.A.; *Microbiology*

Marc Henry Toennies, Middleburg Heights; B.S.Agr.; *Dairy Science*

Jui-Yu Tung, Taiwan, R.O.C.; B.S. (National Taiwan University); M.S. (University of Wisconsin); *Computer and Information Science*

Njeri Waiyaki, Kenya; B.A. (Concordia College); *Home Economics*

Mac Dwayne Washington, Carrollton, Ala.; B.S. (Alabama A & M University); *Agricultural Education*

Julie Bishop Weatherington, Columbus; B.S.; *Geology and Mineralogy*

Lisa J. Wetmore, Canton; B.S.Nurs.; *Nursing*

Bethany Lynne Wise, Columbus; B.S.; *Allied Medical Professions*

Mildred Anderson Woods, Columbus; B.S.; *Nursing*

Paulette Worthey, Detroit, Mich.; B.S. (Wayne State University); *Industrial and Systems Engineering*

Christine Anne Wynd, Willoughby; B.S. (Saint John College of Cleveland); *Nursing*

Midori Yoshikawa, Tokyo, Japan; B.S. (Tokyo University of Agriculture and Technology); *Entomology*

Iman Abdalla Yousry, Cairo, Egypt; B.S.; *Mathematics*

Anton Peter Zurbrugg, Zanesville; B.A. (Mount Union College); *Allied Medical Professions*

Master of Social Work

Three candidates

Robert Carl Foulk, Jr., Newark; B.S.; *Social Work*

Henry Lee Jenkins, Jr., Columbus; B.S., M.A.; *Social Work*

Patricia Ann Vigneaux, Columbus; B.A.; *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. Wilkie

The Colleges of the Arts and Sciences, a federation of five colleges, include:

College of the Arts

College of Biological Sciences

College of Humanities

College of Mathematics and Physical Sciences

College of Social and Behavioral Sciences

College of the Arts

Dean: Andrew J. Broekema

Bachelor of Arts

Twenty-four candidates

Vicki J. Basham, Clinton
Vickiann Bennett, Columbus
William Jay Bennett, III, Columbus
Jon F. Berg-Johnsen, North Haven, Conn.
Roberta Nell Boston, Columbus
Paul F. Brest, Lorain
Gregory S. Brown, Columbus
Leslie Bard Corey, Wilmington, Del.
Lawrence Cotton, Shaker Heights
Hert Nelson Daddore, Mt. Sterling
Gerry Lee Hinkle, Laura
Mary Edwina Isabel, Columbus
Kristian Clayton Johnson, Granville
Susan Keasey King, Columbus
Maryelizabeth Laskey, Rocky River
Richard James Miller, Columbus
Kristine K. Fairan, Millersport
Beverly Danison Radcliffe, Columbus
Teresa Yvonne Raft, Columbus
Karl Boyd Rubin, Cleveland
Deborah Ann Salis, Columbus
Marjorie L. Schwartz, Columbus
Kerry Eileen Scullen, Annapolis, Md.
John D. Vazquez, Columbus

Bachelor of Fine Arts

Sixteen candidates

Debra Gayle Brouman, South Euclid
Terésa Marie Capretta, Columbus
Donald Owen Crummer, Hudson
Karen Antoinette Dano, Alliance
Donna Maria Distel, Worthington
Linda Adele Fowler, Columbus
Susan Ethel Greenwald, Akron
Janice Louise Hechler, Columbus
Ellen Ann Hefner, Columbus
Eric Lamont Hoffhines, Columbus
Melissa Bruggeman Lorincz, Madison
Janice Christine Marras, Kettering
Kimberle Ann Rinderle, Newark
Thomas Joseph Seaman, Canton
Konrad Boyd Thomas, Columbus
Sandra Sue Wilhelm, Kettering

Bachelor of Music

Seven candidates

Stephen C. Anderson, Columbus
Wendi Marie Beer, Columbus
Steven M. Bresnan, Columbus
Janet Lee Buswell, Canoga Park, Calif.
Kathryn May Davison, Petersburg
Michael Douglas Malloy, Columbus
Kathryn Marie Radcliffe, Columbus

Bachelor of Art Education¹

Ten candidates

Donald Charles Derenge, Columbus
Susan Ethel Greenwald, Akron
Lisa Eileen Hall, Columbus
Judith Ann Handley, Columbus
Lisa Frazier Holmes, Worthington
Kathleen Dee Kerchmar, Columbus
Mary Ellen Lake, Sunbury
Terence Lynn Miller, Mansfield
Sandra Lee Pribish, Hinckley
Philip Woolworth Smith, Columbus
B.F.A.

Bachelor of Music Education²

Nine candidates

Eric Ward Aho, Columbus
Yolanda Lynn Cole, Columbus
Julie Ellen Elliot, West Mansfield
Norman Scott Knutsen, Columbus
Linda Gaylene Lassen, Napoleon
James Bradford Muessig, Columbus
Alice Carolyn Schmitt, Worthington
B.A.
Carrie Lynn Sigwalt, Centerville
Jeanne Kristine Uhl, Columbus

College of Biological Sciences

Acting Dean: Patrick R. Dugan

Bachelor of Arts

One candidate

³Jeffrey M. Palusak, Campbell

Bachelor of Science

Twenty-one candidates

Bart Beverly, Columbus
William Scott Byrum, Columbus
William Ross Carr, Alliance
Stephen Wayne Fannin, Portsmouth
Roger Irwin Grove, Columbus
Edward Francis Hawkins,
University Heights
Jeffrey Ray Hill, Portsmouth
David Eugene Hypes, Columbus
Gordon Paul Keeler, Warren
Anthony Brian McCorkle, Miamisburg
Lori A. Meyer, Kettering
Marcia Lynn Mokry, Columbus
Kim Elizabeth Ream, Creston
Michael Roe Reed, Columbus
Steven Michael Ruben, Columbus
Patricia Peppercorn Snyder, New London
Randy Warren Spinks, Akron
Harwood Christian Stiles, Columbus
Robert David Tagus, New Lexington
Matthew Charles Weber, Lorain
Kim Leigh Yee, Columbus

College of Humanities

Dean: Diether H. Haenicke

Bachelor of Arts

Forty-one candidates

Judith Hanhart Ahlbeck, Worthington
⁴Karen Lee Allen, Bridgeville, Pa.
Sonja Anderson, Youngstown
Susan E. Arns, Shelburne, Vt.
Carol Jene Beebe, Sherwood
Mariou Beres, Brecksville
Alice Kay Blankenship, Portsmouth
David A. Brose, Columbus
Karen Wallace Burke, Columbus
Constance Christine Caito, Columbus
Ralph D. Church, Worthington
Julie Kay Cronk, Columbus
Maria Elena Cruz, Columbus
Douglas Jay Feigelson, Dayton
Douglas Edwin Fidler, Columbus
Phyllis Ford, Worthington
Patricia Ann Gaslin, Columbus
Glen D. Gray, Fort Worth, Tex.
Melinda Hofstetter, Cleveland
Andrea Sabrina Jackson, Akron
Kathleen Anne Kelly, Northfield, N. J.
David Allen Kizer, Columbus
Jeffrey David Krieger, Westerville
Robert Stephen Maciag, N.E. Canton
Nancy Lynn Macleod, Columbus
Jonathan David Markus, Columbus
Sue Ellen McBrayer, Hilliard
Patrick D. McMillian, Cleveland
Kent Allen Mitchell, Columbus
Jeffrey O'Flaherty, Newark
Cynthia Elaine Paul, Columbus
Randall Scott Schwartz, Youngstown
Ellen Seibert, Powell
Charlene Wilson Seiler, Columbus
Robert Kiyoshi Shield, Columbus
Catherine Suzanne Smith, Columbus
Jose Roberto Suarez, Cincinnati
Charles Albert Sudetic, Columbus
Nancy Jane Ulry, Columbus
⁵Lawrence D. Vellani, Columbus
Bernard Perin Wilburn, Columbus
Amin J. Ziadeh, Columbus

College of Mathematics and Physical Sciences

Dean: Colin B. B. Bull

Bachelor of Arts

Four candidates

Thomas Andrew Doyle, Reynoldsburg
Stanley Lee Esbenshade, Ashland
Jane Marie Siefker, Grove City
Clark Jay Weaver, Dayton

Bachelor of Science

Seventeen candidates

Alan L. Albertus, Columbus
David Edward Balcer, Columbus
John Thomas Eggert, Columbus
Howard Epstein, Columbus
Paul Steward Fisher, Westerville
Kevin Dean Flory, Xenia
Debbie Mae Herring, Columbus
Michael Austin Kipp, Mansfield
Stuart Alan Lewis, Cincinnati
Candace Elaine Line, Marion
Shadia Helmy Mahmood, Worthington
John Andrew Maul, Jr., Columbus
David Charles Meisman, New Richmond
Medei Moheimani, Tehran, Iran
Stephen Dean Price, Newark
Steven Wayne Rogers, Columbus
James Willie Smith, Augusta, Ga.

College of Social and Behavioral Sciences

Dean: Edward C. McDonagh

Bachelor of Arts

One hundred and fourteen candidates

Darwin Dee Alford, Cincinnati
Elizabeth Marie Allen, Delaware
Gregory Douglas Appel, Columbus
William Howard Atha, Worthington
Thomas Edward Austen, Mansfield
Marla Marie Beal, Akron
Drew C. Beinbrech, Westerville
Sandra Ruth Betz, Columbus
Timothy P. Boeh, Ashland
Patty Lynn Boyles, Columbus
Pamela Jean Brown, Columbus
Nigel Ronald Brush, Columbus
Robert T. Bush, Columbus
Brigid Anne Butler, Columbus
Thomas Joseph Byrne, Columbus
Carmen M. Carbone, Columbus

¹ Offered jointly by the College of the Arts and the College of Education

² Also Bachelor of Fine Arts, Colleges of the Arts and Sciences

³ Also Doctor of Dental Surgery, College of Dentistry

⁴ Also Bachelor of Science in Education, College of Education

⁵ Also Bachelor of Art Education, College of Education

Shirley Carey, Marion
 Phillip E. Carter, Akron
 David Clark Champion, Akron
 Brenda Chaney, Columbus
 Colleen Denise Character, Cleveland
 Jacqueline E. Collier, Dayton
 Gary R. Collins, Johnstown
 Kevin Alan Davis, Xenia
 Thomas Lee Davis, Columbus
 Sharon DeMatteis, Columbus
 Michael Ayden Dibble, Columbus
 Mary Eastlake, Sardinia
 Thomas Joseph Eblin, Columbus
 Jenny Ellen Edwards, Columbus
 Bradley C. Elrod, Sylvania
 Judith Enciso-Saylor, Mechanicsburg
 Victoria G. Fanning, Springfield
 Margherita Ann Finelli, Columbus
 Donn Vincent Frizzell, Columbus
 William Michael Gleich, Columbus
 Sterling Goodrum, Cleveland
 John F. Griebel, Heath
 Joan Diane Grigg, Columbus
 Deborah Lynne Grim, Columbus
 *Nancy Lee Guckenheimer, Columbus
 Zeinab Rachty Hamdy, Columbus
 Jana L. Hazelbaker, Columbus
 Janet Paider Hennesy, Columbus
 Daniel J. Herschede, Cincinnati
 Marie W. Higginbotham, Newark
 Bruce W. Hubach, Aurora
 Robert Charles Hyatt, Columbus
 Nasir Issa Ismaily, Columbus
 Roy Thomas Jenkins, Columbus
 Leslie Ann Johnston, Granville
 John Eron Jones, Jr., Columbus
 Wayne Morgan Jones, Newark
 Edward Leonard Joseph, Cleveland Heights
 Nancy Joan Juhasz, Gates Mills
 Krista Jo Julian, Columbus
 Pamela Ann Kimball, New Philadelphia
 Mildred E. King, Columbus
 Kathryn Ann Kondrotz, Dayton
 David A. Krisnock, Columbus
 Thomas Stanley Kurpiel, Columbus
 Joel C. Laidig, Gahanna
 Peter C. Lentz, Columbus
 Donna Jean Lindsay, Lakewood
 Patrick Lucia, Westerville
 Randall Wayne Maguire, Columbus
 Steven Raymond Mantey, Dayton
 Bruce Louis Manzano, Brecksville
 Vida Matejic, Columbus
 Sue Ellen Mattinen, Painesville
 Jonathan D. McCurdy, Columbus
 David C. Montgomery, Columbus
 Debra M. Moore, Newark
 Bruce Richard Nardulli, Pittsburgh, Pa.
 David Paul Needles, Enon
 Paul Edward Nichols, Cincinnati
 Mary Alice Nixon, Columbus
 Christina Beall Norris, Massillon
 Randall Eric Oakleaf, Lucas
 Dorothy Evonne Parker, Belleaire
 David Hayward Pfomom, Dayton
 Vernon D. Pierce, Jr., Groveport
 Steven Mark Platau, Columbus
 Patricia Sue Reynolds, Allendale, N. J.
 Linhart Karl Ritvann, Strongsville
 Michael William Sanders, Grove City
 Connie Marie Scaggs, Columbus
 David Thomas Schuler, Marion
 Douglas Edward Schumick,
 Canal Winchester
 Julie Theibert Seiple, Columbus
 Linda Kay Shapiro, Columbus
 John Carl Shepa, London
 Paul Scott Sidlo, Columbus
 Jeffrey Lee Siems, Columbus
 Christopher Steven Singley, Danbury, Conn.
 Richard David Skrance, Columbus
 Martin Joseph Smith, Columbus
 David Norman Somerville, Shelby
 Geoffrey Charles Stafford, Columbus
 Gregory Keith Stanley, Cincinnati
 Terry Mark Stratman, Sandusky
 James Anthony Suber, Columbus
 Debra Lynn Lefte Swink, Columbus
 R. Lowell Taylor, Richmond

April Ane Thogmartin, Richwood
 Geri Trecker, Westerville
 Kent D. Vosler, Eaton
 Christopher Ward, Columbus
 Michael Allen Williamson, Delaware
 Steven Allan Wilson, Pataskala
 Brenda Carolyn Wolfe, Saugus, Mass.
 Rosemarie Yanda, Lakewood
 Sandra K. Yost, Baltimore
 Thomas Robert Zack, Russell

Bachelor of Science

Eighteen candidates

Dale William Bainbridge, Huron
 Felicia Bernardini, Cincinnati
 Richard E. Butterfield, Worthington
 Felicia Carroll, Columbus
 Amy Elizabeth Curtiss, Circleville
 James Patrick Drake, Marion
 James Robert Evans, Columbus
 Linda Marie Gauer, Stow
 Opreo O. Joyner, Columbus
 David Alan Kurth, Columbus
 Michael Kevin McCartney, Maumee
 Kimberly P. McCloskey, Columbus
 Thomas Robert Meyer, Columbus
 Howard R. Mosley, Columbus
 Ann Maria Rotondi, Columbus
 Jessie Grace Shaw, Columbus
 Donald Joe Van Meter, Dublin
 Donald N. Wagner, Columbus

Bachelor of Arts in Journalism

Forty-three candidates

Jill Anne Baker, Cincinnati
 William J. Brennan, Columbus
 Douglas G. Branstetter, Columbus
 Thomas J. Crossgrove, Archbold
 William Ward Doerr, Bay Village
 John H. Hackman, Dayton
 Connie S. Hoblet, Archbold
 Margaret Mary Horvath, North Olmsted
 Anna Sacrafori Hovind, Tiffin
 Mark Burkett Hovind, Columbus
 David Morris Huey, Columbus
 Dinah Israel Johnson, Columbus
 Jane Louise Kaboun, Maple Heights
 Michael Thomas Kapsa, Washington, D. C.
 George William Keaton, Marango
 Stuart Michael Kunkler, Stow
 Connie Marie Lacy, Northfield
 Jennifer Lynn Mays, South Point
 Suanne McClung, Marion
 Thomas S. McCready, Akron
 Amy Susan Murray, Pittsburgh, Pa.
 Linda Anne Rutschick, Akron
 William John Nicholson, Columbus
 J. Scott Orr, Eatontown, N. J.
 Christopher C. Painchaud, Cleveland
 Michael Roy Pannell, Columbus
 Thomas Joseph Petruno, Richfield
 Natalie Elaine Pfeiffer, Columbus
 Linda Suzanne Reichert, Medina
 Vanessa Kay Rubin, Cleveland
 Frederick J. Scheuerman, Cleveland
 Jeffrey John Squire, North Chili, N. Y.
 John E. Stang, Bellefontaine
 Ricky L. Stelzer, Columbus
 Frederick Alan Stoeborg, Columbus
 Janis Ann Surman, Allison Park, Pa.
 Edward P. Syguda, Ashtabula
 Susan Ann Thacker, New Holland
 Robert Clark Townsend, Mansfield
 D. Gregory Victor, Cincinnati
 Karen Anne Wetzel, Columbus
 M. Dennis Wharton, Columbus

College of Administrative Science

Dean: Edward H. Bowman

Bachelor of Science in Business Administration

Two hundred and eighteen candidates

William Royster Adams, Columbus
 Sherman Leroy Altick, Greenview
 Michael Lamont Austin, Columbus
 Donald Eugene Barham, Maple Heights
 Kenneth A. Basch, Mayfield Heights
 Steven Eugene Bathauer, Strongsville
 Philip James Beck, North Olmsted
 Edward Neal Berry, Woodsfield
 Kathleen Suzanne Biggs, Annapolis, Md.
 Thomas Joseph Black, Logan
 Charles Fred Blackstone, Dennison
 Daniel Joseph Bolzenius, Columbus
 Paul Scott Bond, Lima
 Keith Chris Borrelli, Mansfield
 Kevin E. Bowen, East Liverpool
 Cynthia Ann Brotzki, Sandusky
 George Edward Bryan, Zanewille
 William Boyd Butz, Columbus
 Corran John Cade, Worthington
 Donna Marie Cahill, Phillipsburg, N. J.
 Susan M. Carter, Columbus
 Carl Robert Cary, Cleveland
 John Anthony Castagnola, Solon
 Jeffrey Stewart Chapman, Columbus
 Vincent Theodore Charlett, II,
 Pittsburgh, Pa.
 Antonia Ciotola, Columbus
 John Paul Clark, Kenton
 Michael Douglas Colasurd, Columbus
 Edward E. Conry, Galion
 Thomas Scott Cook, Galloway
 James Hobart Coridan, Columbus
 Thomas John Cosgriff, Euclid
 Grady Louis Covington, Jr., Toledo
 Michael David Cronin, Reynoldsburg
 Marianne Curtis, Avon Lake
 Mark Stewart Danley, Columbus
 Charles M. Davidson, Jackson
 James Lowell Davis, Kingston
 Johnny Eugene Davis, Decatur, Ga.
 William Stewart Davis, III, Cincinnati
 Robert Joseph Deak, Grove City
 Michael John Dean, Columbus
 Gregory William Doan, Columbus
 Ben Scott Drodzowicz, Toledo
 Nancy Ann Duffy, Columbus
 Charles Thomas Ducky, Columbus
 Stephen Egert, Ruess River
 Kimberlee Sue Elzey, Columbus
 John Burt Epperly, Selpe
 Wayne C. Erdman, Columbus
 Lorales Alexander Ewing, Columbus
 Douglas Alan Farrand, Barberton
 Darrell Edward Ferrell, Piedmont
 Darrick Sean Finan, Lakewood
 George Mathew Finke, Hudson
 Mary Janet Foltz, Columbus
 Daniel G. Fultz, Westerville
 Nicholas Joseph Furillo, Broadview Heights
 Abelardo A. Garcia, San Juan, Puerto Rico
 Patrick Kevin Gavin, Maumee
 Jeffrey Michael Geiger, Toledo
 Bruce Dudley Gibson, Hudson
 William Anthony Giovanello, Columbus
 John J. Girard, Columbus
 Joseph Alfred Goedde, Lima
 David Franklin Glendon, Columbus
 Randall Eugene Graham, Shelby
 Gerald Wayne Gramlich, Columbus
 Jon Dorsey Grandon, Hilliard
 Jeffrey Michael Groom, Columbus

* Also Bachelor of Art Education, College of Education

Charles Allen Gunnell, Jr., Columbus
 Anthony Frank Guschik, Garfield Heights
 Gerald D. Guy, Columbus
 James Allen Hange, Akron
 Kathryn Sue Hanna, Gahanna
 Harold James Harris, Cleveland
 Bryan D. Harrison, Columbus
 Bradford Lane Hartzler, Urbana
 Samuel James Hawkins, McDonald
 Carl Bryan Held, Coral Gables
 Paul Andrew Hendershot, Columbus
 Thomas Houk Henry, Thornville
 Craig Alexander Herzog, Wooster
 Jeffrey Lee Hill, Columbus
 Lawrence Allen Hilsheimer, Rittman
 Paul Clayton Holt, New Carlisle
 George Steven Holzappel, Columbus
 Terry Hom, Cleveland
 Sharon Beltram Horiak, Westerville
 Christopher Earl Hostettler, Columbus
 Donald Edward Howard, Grove City
 Mary Martha Hudak, Akron
 William Lee Inhat, Columbus
 J. Martin Irvine, Logan
 Dana Lewis Irwin, Lima
 Julie Kay Irwin, Columbus
 Le Bradford Janovitz, Shaker Heights
 Thomas Gail Johnson, Cincinnati
 Herbert Arnold Jones, Dayton
 Kathy Marie Kallman, Wadsworth
 Lynda Marie Kazmerzak, Columbus
 Philip Ralph Kendall, Columbus
 Frederick Paul Kiehne, V. Kettering
 Timothy Edward Kimmick, North Olmsted
 Austin Klavan, Columbus
 Kevin Dean Knoef, Centerville
 John Theodore Kraschinsky, Marion
 Charles David Kreinbuhl, Kenton
 Thomas Jay LaHue, Loveland
 Frank S. Lasduk, Canton
 Andrew Edward Lazor, Warren
 Robert Paul Lindon, Cincinnati
 Harry Carl Linton, Orient
 Richard Patton Little, Clarks Summit, Pa.
 Tema Colette Loudenback, Urbana
 Bradley Joseph Luckhaupt, Columbus
 Elizabeth Madachy, Columbus
 Scott Philip Madden, Cincinnati
 Edward Philip Martin, Worthington
 David Anthony Mave, Hillsboro
 Herbert McCarter, Cincinnati
 Michael Joseph McCreery, Columbus
 Scott Allan McFarland, Worthington
 Leroy A. McKinney, Springfield
 Cindy Marie Meiring, Minster
 Robert Paul Meissner, Cleveland
 Richard Dean Melton, Norton
 Jayne Ann Metka, Worthington
 Mary Feng-Jyh Miao, Princeton, N. J.
 Marcia Lynn Might, Chardon
 Diane Marie Miller, Maria Stein
 Susan Annette Miller, Whitehall
 J. A. Miraglietta, Mansfield
 Hiroko Miyamura, Columbus
 Allan William Mojszisk, Richmond Heights
 Kerry Gorum Morrison, Worthington
 Thomas Alan Moser, Columbiana
 Charles David Mustine, Washington C. H.
 Jane Flouin Myers, Parma
 Robert Dehn Nelson, Lagrange Park
 Mark Anthony Nerderman, St. Henry
 Robert Alan Nersinger, Penfield, N. Y.
 Christine Ann Norris, Worthington
 Gregg Alan Opper, Beachwood
 Anthony Martin Orlando, North Kingsville
 Vol Keeney Phillips, Jr., Columbus
 Thomas Edward Phillips, North Canton
 Stuart Aylesworth Phillips, Hillsboro
 Michael Lee Powe, Canton
 Kevin Ian Pownall, Toledo
 Nancy Patricia Pratt, Toledo
 Susan Lynn Primus, Ashland
 Larry Allen Pringle, Mason
 Martin Paul Radigan, Brecksville
 Douglas Randolph, Euclid
 Sharon Jean Rausch, Warren
 Fred G. Ripepi, Parma
 Michael William Rish, Kettering

Thomas Anthony Roesch, Columbus
 B.A. (Lewis College)
 John Edward Roessler, Columbus
 Robert Joseph Rossi, Cortland
 Ronald Dale Rowland, Marion
 Curtis Ross Rubinstein, Bedford Heights
 Jacqueline J. Rudolph, Columbus
 Dana Keith Saunders, New Brighton, Pa.
 Bruce Logan Savage, North Canton
 Patricia Marie Schoenborn, Columbus
 Jeffrey Anthony Schoener, Columbus
 John M. Schottenstein, Columbus
 Vera Schreck, Parma
 Thomas Knox Schreiber, Tulsa, Okla.
 Sally J. Schwesinger, Geneva
 Barton Garrett Selby, Canton
 Deborah Lee Sexton, Brooklyn
 John Richard Shafer, Cambridge
 Thomas Nelson Shiflet, Newark
 William Charles Shimp, Columbus
 David Kevin Shird, Edina, Minn.
 David Scott Shookman, Youngstown
 Kimberley Gail Silvers, Cincinnati
 David John Smith, Wright Patterson AFB
 Eric Carl Smith, Wright Patterson AFB
 Randall Lee Smith, Findlay
 Daniel Edmund Sorge, Lebanon
 James Martin Trinter, Lorain
 Richard Douglas Stenz, Columbus
 Warren Sherwood Stevens, Urbana
 Terry Lee Stuart, Rock Creek
 James Irvin Swindler, Wilmington
 Jesada Tankigthanongsuk,
 Bangkok, Thailand
 Aysen Idir Tanyeri, Ankara, Turkey
 Mary Madeline Teglovic, Long Beach, Calif.
 Barry James Thiel, Columbus
 Richard William Thiel, Mountinside
 H. Jerome Thomas, Warrensville
 John Roy Thomas, Reynoldsburg
 Richard Clifford Thornton, Cincinnati
 Joseph D. Weinland, Columbus
 Joseph David Tucker, Alliance
 Rebecca Dawn Turner, DeGraff
 Irene Vladimiroff, Cleveland
 Kurt Douglas Vogel, Springfield
 Joanne Oxley Wagner, Ashtabula
 Deborah Lynn Wallace, Columbus
 Jeffrey C. Weinland, Columbus
 Stephen Mark Weldon, Columbus
 Mark Aaron Welsh, Worthington
 Arthur Samuel West, Worthington
 Donald J. Westover, Massillon
 Robert Jonathan Wetting, Columbus
 Lynne Marie Williams, Columbus
 Robert Thomas Williams, Alger
 Victor John Williams, Newark
 John Harrison Winters, Toledo
 Steven Richard Winters, Marion
 Reynold Ridgeway Woolf, Jr., Columbus
 Richard Lynn Zeller, Columbus
 Jeanine Kay Ziegler, Columbus

Bachelor of Science in Labor and Human Resources

Two candidates

Pearlene Yvonne Jackson, Toledo
 Eileen Mirasola, Toronto

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

Eighty-one candidates

David Scott Adkins, Xenia
 Karen Lynette Allen, Cleveland
 Joy Renee Anderson, Lodi
 Neil Wayne Baker, Lisbon
 Jeffrey Dale Benton, Mingo Junction

Terry George Evans, Dayton
 James Steven Bergert, Columbus
 Pamela Bowers, Toledo
 Ralph David Bowers, West Alexandria
 Ronald Lee Brickner, Delphos
 Daniel Ross Burdett, Cincinnati
 Ronald Stewart Coben, Philadelphia, Pa.
 Gwendolyn Sue Curtiss, Bellville
 Duane Fredrick Dirmeyer, Dola
 Susan Jean Ditter, Columbus
 Robert Wesley Ernberger, Bluffton
 Terry George Evans, Dayton
 Troy Alva Evans, Manchester
 Susan Lucas Gordon, Columbus
 A.S. (Niagara City Community College,
 New York)

Nelson Dwight Graham, Lyndhurst
 William Paul Grammer, Beloit
 Marion Gerard Hageman, Botkins
 Thaddeus Tredler Haines, Xenia
 Russell Alan Hakola, Marysville
 Robert John Hanley, Worthington
 Stephen Patrick Hannishin, Warren
 Cherie Lynn Harms, Brookville
 Patrick Joseph Higgins, Columbus
 Donald Ray Hill, Chillicothe
 Charles Everett Jarvis, Columbus
 Jeffrey Ray Johnson, Xenia
 Anita Naomi Kaplan, New York, N. Y.
 Randy Allen Keil, Cardington
 Rick Lowell Kirschner, Columbus
 Joseph Kozup, Warren
 Karen Sue Kuhlman, Worthington
 Brian William Latta, Fostoria
 Gene Anthony Marsh, Columbus
 Kurt Allen McAtee, Kettering
 Robert Kenderline McKell, Chillicothe
 Dale Robert Minick, Kirtland
 Carl Michael Nagel, Middleburg
 Robert Michael Netz, Elmore
 Garrett Robert Oetzel, New Richmond
 Dennis Alan Overmyer, Dayton
 James Richard Pospishil, Brunswick
 Dolores Ann Pruneski, Adena
 Thomas Alan Puch, Rayland
 Rex Randall Raque, Louisville, Ky.
 Jane Elizabeth Reef, Sardis
 Paul Leonard Riehm, Tiffin
 James Allen Roeger, Dayton
 Richard Allen Roland, Parma Heights
 Julie Ann Russell, Bloomingdale
 Walter Linus Sanders, Fort Loramie
 Donald Lee Schneider, Tallahassee, Fla.
 Frederick Paul Schommer, Columbus
 Terrance Lee Schreiner, Carey
 Thomas Charles Schroeder, Circleville
 Barbara Ellen Schwarz, Wilmette, Ill.
 Steven Ray Shafer, Marion
 James Gerald Shover, Somerset
 B.S. Opt.

Michael Drew Sisson, Columbus
 Kenneth Eugene Snyder, Bucyrus
 Cindy Jo Souder, Dayton
 Michael Stevan Stahler, Beachwood
 Helen Marie Stearns, Shaker Heights
 Susan Marie Stelmack, Parma
 Patricia Jean Strader, Columbus
 Karen Sue Strouse, Ashland
 Scott Alan Stover, Columbus
 James Clarence Summers, Shelby
 Robert Lynn Suter, Pandora
 Victor Alexander Szabo, Avon
 Jeffrey Michael Trammell, Parma
 Karen Sue Trinkle, Cincinnati
 Cindy Lugbill Vinco, Cridersville
 Jerry Lee Walther, Holgate
 Nancy Lynn Wecker, Wadsworth
 Timothy Charles Wiant, Cable
 Roger Roy Young, Baltimore

Bachelor of Science in Food Science

Three candidates

Toddie Steven Mullen, Springfield
 Joseph Edward Myers, Jr., Dayton
 Daniel Warner Park, Columbus

* Master of Science in Graduate School

Bachelor of Science in Food Technology

Four candidates

Badri Leela Ghaffari, New Haven, Conn.
Robert Dean Held, Columbus
Douglas Carl Mack, Mt. Healthy
Mikael Bruun Pedersen, Columbus

School of Home Economics

Bachelor of Science in Home Economics

Forty-four candidates

Theresa Blubaugh Abdel-Aal, Somerset
Janet Kreamer Breidenbach, Columbus
Sharon Rose Cassidy, Lakewood
Sue Smith Coley, Warsaw
Rosetta Maria Collins, Coshocton
Susan Maria Crew, Hebron
Mark Louis DiSabato, Worthington
Catherine Ann Dunston, Fredericktown
Pamela Jane Fischley, Chagrin Falls
Dagmar Sylvia Gross, Sandusky
Christie Louise Hiles, Bay Village
Cathy M. Hone, Celina
Eva Kalus, Cleveland
Kara Anton Knebel, Columbus
Norma Rhodes Koch, Salem
Laurie Ann Lisk, Washington C. H.
Jane Ann Lohm, Xenia
Kathy Jo Lott, Westerville
Elizabeth Jane Loucks, Columbus
Jennifer Anne Masny, North Ridgeville
Leslie Gayle McCall, Worthington
Monica L. Millicic, North Royalton
Nancy Miller, Maplewood, N. J.
Sara Jean Morehead, Amanda
Nancy A. Noble, Fredericktown
Helen Mary Paparodis, Salem
Jody Suzanne Pollack, Columbus
Ofelia Popov, Westlake
Hallie J. Powell, Columbus
Debra Jean Ramey, Lancaster
Cheryl A. Richardson, Lakeview
Deborah Sue Roseler, Wellington
Elaine Faye Rubin, Columbus
Victoria Anne Sanders, Gahanna
Jane Ann Sberna, Circleville
Carol Ellen Shafraan, South Euclid
Wanda L. Smith, Hilliard
Judith Elaine Thompson, Akron
Nancy McCrea Townsend, Worthington
Julie Anne Vance, Columbus
Christina Marie White, Zanesville
Cynthia Carlson Wolfe, Columbus
Scarlett Michele Younkis, Columbus
Teresa A. Zack, Columbus

Bachelor of Science in Nutrition

One candidate

Peggy Ann Burris, Columbus

Bachelor of Science in Restaurant Management

One candidate

Sarah Jane Link, Celina

School of Natural Resources

Bachelor of Science in Natural Resources

Fifty candidates

Mark Andrew Babey, Cincinnati
Kirby Neal Barford, Marion

Jeffery Irving Becker, Lebanon
Gerald Wilfred Bergman, Minster
William James Bing, Worthington
Randall Lee Brown, Woodbury, N. Y.
Dennis Eugene Courtad, Bucyrus
John Charles Cummings, Marietta
James Lower Dean, Columbus
Richard Fredrick Dille, Stockport
Jonathan Haynes Dowdy, Columbus
Katherine Kaye Ervin, Columbus
Jeffrey Collins Foraker, Tallmadge
Bradley Scot Foster, Thornville
Terry Mannion Glynn, Hamilton
Susan Elizabeth Grigsby, Columbus
Jacqueline M. Gwin, Cincinnati
Doris Kay Haskell, Canton
Robert Lincoln Hatton, Columbus
Anna Marie Heemskerck, Columbus
Bruce Albert Huewe, Toms River, N. J.
Kraig Eesley Kemz, Berea
Edward Jeffrey Kircher, Columbus
Daniel Clarence Knuth, Deerborn Heights, Mich.
Richard Louis Kostecka, Powhatan Point
Richard Wright Laird, Westerville
James Ray Lambert, Beaver
Lynn Ellen LeMaster, Columbus
Gregory L. Loesch, Mansfield
Carr Ann Lucas, Columbus
Jane Anne McGorum, Worthington
Paul Pawlowicz, Columbus
Albert John Pollack, Elyria
Cheryl Ann Pope, Parma
Theresa Louise Roether, Findlay
Janice Ann Rogalski, Columbus
Suzanne B. Roush, Columbus
Daniel Thomas Scheuerman, Middlebury Heights
Dale Lee Schuler, Portsmouth
Alan Joseph Schulkers, Reading
Gary Arthur Sheely, Lima
Scott Wayne Shoemaker, Loveland
Mark William Smith, Lorain
Shelia Scott Sobotta, Fairview Park
Lesley Ann Swink, Chardon
Orin Thomas Watts, Gallipolis
Edward John Weisenberger, Tiffin
Gerald Lee Whitcraft, Columbus
Mark Steven Whitmer, Bradford

Agricultural Technical Institute—Wooster

Associate in Applied Sciences

Twenty-seven candidates

Sandi Leigh Abend, Parma
Kathryn Marie Bauer, Walnutport, Pa.
Max Charles Dade, Newton Falls
Theresa Ann Denny, Paulding
Stacey Ruth Diehl, Loudonville
Randy William Lowrey, New Lebanon
Ronald Richard Ferenchak, Boardman
Kathy Jayne Fortnam, Worthington
John Steven Gerlach, Westerville
Gregg Joseph Gluth, Galein, Mich.
David Jacob Goerig, Leetonia
Stephan John Homan, Cincinnati
Ronald Frank Lowrey, Cleveland
Keith Sherman Kaiser, Sagamore Hills
Lynn Florence Kingsland, Holmesville
Darlene Dee Lazarchic, Mentor
David Allen Liddle, Akron
Nathaniel Collins Mann, Nashville, Tenn.
Tracey Ann McLoughlin, Columbus
James Joseph Moysenko, Kent
Gregg Brian Neitzel, Euclid
Keith David Rase, Minford
Robbie Edward Roberts, Michigan Center, Mich.

Carol Ann Robinson, Tallmadge
Lois Ann Smith, Newark
Suzanne Stella Tellalian, Aurora
Nancy Irene West, Marysville

College of Dentistry

Dean: Charles L. Howell

Doctor of Dental Surgery

Two candidates

William Robert Lippert, Toronto B.S.

Jeffrey Michael Palusak, Campbell B.A.

College of Education

Dean: Frederick R. Cyphert

Bachelor of Science in Education

One hundred and sixty-two candidates

Robert Stephen Abbott, Jr., Columbus
Donna Marie Abramovich, Brecksville
Scott Lyle Albert, Bellefontaine
Karen Lee Allen, Bridgeville, Pa.
Barbara Ruth Anderson, Sidney
Richard Bryan Anderson, Columbus
Gusta Chamberlain Arrington, Columbus B.A. (Judson College)
Beverly Riley Babbert, Grove City
Stephen Paul Balogh, Columbus
Jerrilyn Vaughan Banks, Columbus
Patricia Ellen Phegley Baron, Columbus
Susan Marie Belli, Columbus
Kenneth Lee Blackburn, Portsmouth B.A.
Charity Lee Blickenstaff, Mansfield
Diane Ellen Bogenrife, Sedalia
Pamela Sue Boroski, Columbus
Lorra Leigh Boyce, Mt. Perry
Sheila Rae Boyd, Marion
Anne Boyer, Worthington
Gloria Jarvis Bragg, Grove City
Marcia Mae Brake, Richmond
Harold Webster Brandenburg, Middletown
Robert Bernard Burns, Worthington
Terry Charles Burris, Columbus
Dixie Kaye Cameron, Upper Sandusky
Jo Ann Arick Carpenter, Gahanna B.S.
Rebecca Rader Carter, Bellefontaine
Caroline Louis Cassese, Youngstown
Deborah Sue Chaboty, Dayton
David Lee Charles, North Ridgeville
Karen Lee Chervenak, Huron
Robert Jackson Cleaver, Jr., Hamilton
William James Crowl, Sunbury
Ann Weeks Dabney, Columbus
Sharyn Ann Datsko, Alliance
Brent William Davis, Columbus
Philip Owen Delp, Ada
James Steven DeVore, Columbus
John Miles Dunbar, Columbus

¹ Also Bachelor of Science in Education, College of Education

² Also Bachelor of Arts, Colleges of the Arts

LaDonna James Edgell, Columbus
 Thomas Charles Ellenfeld, Mansfield
 Elizabeth Ann Epps, Massillon
 Cathie Lee Evans, Edison
 Teresa Agnes Faehne, Columbus
 Lance Alethia Farmer, Cleveland
 Vic Paul Favot, Toronto, Ont., Canada
 Bradley Eugene Felkey, Bucyrus
 David Wilson Fisher, Columbus
 Laurie Beth Fleming, Columbus
 Judith Creighton Frenon, Columbus
 Diane Katherine Froede, Columbus
 (Cert. Grad. Dent. Hyg.)
 Stewart Charles Gardner, Washington C. H.
 B.A.
 Scarlett Anne Genzman, Oak Harbor
 Mark Anthony Gibson, Mansfield
 Barbara Lynn Gottlieb, Columbus
 (Cert. Grad. Dent. Hyg.)
 Winston Anthony Greene, Mansfield
 Nancy Kunkle Gregg, Fredericktown
 Nancy Lee Guckenheimer, Columbus
 Gary Robert Guglielmi, Columbus
 Barbara Jane Haeseler, Geneva
 Darrell Eugene Hanke, Columbus
 Karen Sue Harris, Mansfield
 Nancy Jean Harris, Columbus
 Mark Ann Hartley, Columbus
 Craig Allan Harzinski, Columbus
 Faye Zimper Herriott, Columbus
 Susan Lea Hersman, Doylestown
 (Cert. Grad. Dent. Hyg.)
 Robert Lewis Hoffman, Jr., Reynoldsburg
 Carol Standley House, Marengo
 Maureen Dempsey Hoyno, Dayton
 (Cert. Grad. Dent. Hyg.)
 Joan Marie Hughes, Warren
 (Cert. Grad. Dent. Hyg.)
 Kelly Shay Hykes, North Canton
 Mary Anne Ingalls, Columbus
 Cynthia Moore Jones, Fredericktown
 Steve Charles Jones, Columbus
 Elyse Marie LeFebvre, Fairfield
 (Cert. Grad. Dent. Hyg.)
 Kathleen Alice Keggan, Marion
 Jane Marie Kelley, Columbus
 William Arthur Kerekes, Magnolia
 Jeffrey Alan Kobelt, Bedford
 April Leigh Konneker, Naples, Fla.
 Mark Creed Kraker, Columbus
 Gregory Lee Krasley, North Olmsted
 Linda Mollenaer Kyle, Columbus
 B.A. (New York University)
 Candace Veldine Laynes, Newark
 Lynn Ellen LeMaster, Columbus
 Kathy Lynn Lemon, Loudonville
 Connie Marie Love, Heath
 Joan Marie Luther, Canton
 Scott David MacDonald, Portsmouth
 Wade Ronald Arthur Manning,
 Shaker Heights
 Terry Preston McAfee, Marion
 Maura McCarthy, Fairview Park
 (Cert. Grad. Dent. Hyg.)
 Carlton Gale McClellan, Columbus
 Mary Jeanetta McGee, Columbus
 Sandra Lynn McGhee, Columbus
 Timothy Irvin McLane, Columbus
 Katherine Mildred Mershon, Warren
 (Cert. Grad. Dent. Hyg.)
 Pamela Elizabeth Mota, Pataskala
 Beth Ann Nolder, Whitehall
 Kelley Anne Oberholtzer, Ashland
 Michelle Ann Orcutt, Columbus
 Jacqueline Jo Parks, Columbus
 Jill Hileman Patterson, Newark
 Sheila Kay Patterson, North Lima
 Diana Lynn Penrod, Lyndhurst
 Dian Donnell Perrin, Cleveland
 John Robert Pittenger, Whitehall
 Sheila Marie Pond, Columbus
 Virginia Lee Popp, Columbus
 Donald Frederick Porta, Worthington
 Nancy Carol Raab, Lancaster
 David Arnold Rathje, Lyndhurst
 Susan Seddon Reed, Worthington
 Debra Jean Reinemann, Xenia
 Francis Michael Rico, Richmond Heights
 Mary Rae Riedmiller, Marysville

Anita Gail Rogers, Columbus
 (Cert. Grad. Dent. Hyg.)
 Nancy Link Ross, Westerville
 Lynne Claire Rustad, Lakewood
 Grace Alice Sacher, Columbus
 Kimberly C. Sanfilippo, Columbus
 James Edwin Sanford, Jackson Center
 Anne Elisabeth Schuster, Hudson
 Rhonda Lee Searles, Columbus
 Cathy Jo Secliot, Columbus
 Spencer Robert Sindel, Columbus
 Kimberley Anne Smith, Columbus
 Cynthia Kay Sorrell, Hamilton
 Nanette Louise Spiess, Woodville
 Betsy Ellen Strait, Columbus
 Susan Ann Streitenberger, Chillicothe
 Cynthia P. Sunnucks-McGathay, Columbus
 Marisa Angela Surace, Columbus
 Kristi Kay Tabbert, Cincinnati
 Terrence Frank Tench, Bedford
 Cheryl Ann Thompson, Columbus
 Joy Marie Thweatt, Dayton
 Roberta Lee Tipple, Columbus
 B.A. (Ohio Northern)
 Elizabeth Goslee Torres, Columbus
 B.A. (University of the Americas)
 Armand Randall Townsend, Columbus
 Frank John Tascio, Columbus
 Lawrence David Vellani, Columbus
 Catherine Louise Vento, Conneaut
 (Cert. Grad. Dent. Hyg.)
 Dominick Venturella, Columbus
 Michelle Marie Volosin, Columbus
 Diana Lynn Warden, Columbus
 Connie May Wardlow, Johnstown
 Judith Kay Washburn, Fairborn
 Christopher Louise White, Columbus
 Jeffrey Ward White, Springfield
 Julia Ann White, Marion
 Nancy Conrad Wilson, Columbus
 Deborah Ann Wiseman, Circleville
 Mary Anne Wolfe, Dublin
 David Andresen Xander, Orrville
 Margaret Thornton Young,
 Upper Sandusky
 B.A. (Miami University)
 Ruth Ann Young, Waynesfield
 Douglas Edward Zelinski, Urbana
 Karen Lee Zink, Columbus
 Barbara Taylor Zinn, Columbus
 (Cert. Grad. Dent. Hyg.)
 Catherine Jane Zulauf, 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 on page 281

College of Engineering

Dean: Donald D. Glower

Bachelor of Science in Aeronautical and Astronautical Engineering

Two candidates

Robert Allen Bigler, Bedford
 Andrew Alan Flottorp, Gahanna

Bachelor of Science in Agricultural Engineering

Four candidates

Dennis William Albany, Magnolia
 Earl Owen Cole, Columbus
 Craig Kevin Dwenger, Leipsic
 Amer Mohammed El Hage,
 Beirut, Lebanon

Bachelor of Science in Ceramic Engineering

Three candidates

Todd Michael Barson, Canton
 Robin Renee Harrell, Millbury
 David Allen Kelly, Westerville

Bachelor of Science in Chemical Engineering

Three candidates

James Richard Cominsky, Baltimore
 John Crawford Loy, Newark
 Marc Phillip Papai, Columbus

Bachelor of Science in Civil Engineering

Thirteen candidates

Thomas Howard Benner, Columbus
 Anthony Stephen Hanes, Columbus
 James William Haywood, Worthington
 David Michael Meredith, Ashtabula
 William Charles Reinehr, Mt. Blanchard
 Ronald Joseph Snyder, Columbus
 James Andrew Threlfall, Whitehall
 Gilbert Matheson Toomey, Whitehall
 Frederick Thomas Wachtel, Fresno
 Roger Brewster Wade, Mansfield
 Robert Allan Winter, Mentor
 Hung Wong, Hong Kong

Bachelor of Science in Computer and Information Science

Six candidates

Frederick John Bigus, Richmond Heights
 Stephen Frank Campisano, Ashtabula
 Emmett Lynn Carroll, Lancaster
 John William Chapman, Jr., Columbus
 Felix Theodore Freuler, Hamilton
 Dan Richard Kaiser, Grove City

Bachelor of Science in Electrical Engineering

Twenty-three candidates

Richard Ernest Berry, Delaware
 Mark Lane Brunner, Louisville
 Bruce Douglas Bugbee, Columbus
 Keith Ellwood Burton, Columbus
 Donald Jay Hall, Columbus
 Steven Wayne Jackson, Columbus
 Mark Allan Joki, Painesville
 Ezra Kiser, Clark Range, Tenn.
 Danny Stuart Long, Columbus
 Jane Louise McSkimming, Pittsburgh, Pa.
 Dan Frank Monaco, Columbus
 Michael Eugene Nester, Buffalo
 Dary Clyde Perkins, Columbus
 Lewis Charles Rakocy, Gallon
 Robert Theodore Ray, Toronto
 David Edward Rooney, Findlay
 Jack Howard Schneider, Columbus
 Michael Francis Turk, Columbus
 Robert Ray Valentine, Dover
 Gary Paul Wallace, Columbus
 Dwight David Warner, Worthington
 Donald Lee Wetzel, Delaware
 Mark Allen Workman, Waverly

1 Also Bachelor of Arts, Colleges of the
 Arts and Sciences

2 Also Bachelor of Science in Natural Resources,
 College of Agriculture and Home Economics

Bachelor of Science in Engineering Physics

Two candidates

Jean Louise Arnold, Euclid
Danny Eugene Guisinger, Jr., Columbus

Bachelor of Science in Industrial and Systems Engineering

Thirteen candidates

Nancy Bernetha Anderson, Springfield
Michael Albert Berlin, Columbus
Andrew Lee Colburn, Columbus
Philip Paul DeFilippo, Columbus
James Edward Hoovler, Fredericktown
Martin David Katterheinrich, New Knoxville
Daniel Evan Kaye, Colonia, N. J.
Gary Thurlian Keyser, Marietta
Joseph George Maeko, Jr., Columbus
Afeef Makkawi, Sidon-Lebanon
Kim Susan O'Donnell, Toledo
James Michael Salamon, Ravenna
Elba Lucy Suarez, Columbus

Bachelor of Science in Mechanical Engineering

Twenty-two candidates

Mohammad Reza Azimi-Tabrizi, Tehran, Iran
Darwin Blaine Bingham, Sunbury
Steven Louis Boes, Findlay
Patrick Joseph Brooks, Columbus
Myron Wendell Clarke, Columbus
David Stewart Curran, Columbus
Donald Allen Gingery, Wooster
Craig Evan Jensen, Port Clinton
Lance Lamore Kittelson, Columbus
Robert Jeffrey Lydie, Akron
Raymond Edward Martin, Worthington
Dean Everett Myers, Castalia
Warren Bradley Nelson, Worthington
John Francis Pelcic, Cleveland
Richard Craig Peters, Ashville
Steven Orby Putman, Fairborn
Joseph Mark Reno, Columbus
Stephen Wade Searfoss, Columbus
Mark Edward Shumaker, Westerville
Steven Alvin Snyder, Springfield
Richard Raymond Weis, Gallon
David Lee Wisner, Findlay

Bachelor of Science in Surveying

One candidate

*Frederick Thomas Wachtel, Fresno

Bachelor of Science in Welding Engineering

Eight candidates

Thomas William Gillman, Columbus
Timothy Lee Hendrix, Plantation, Fla.
Bruce Atkinson Humphries, Jr., Columbus
Alfred Joseph Julian, Fairborn
Menachem Kimchi, Columbus
Craig Erwin Miller, Columbus
James Joseph Straub, Sylvania
Marc Marie Wilson, Columbus

School of Architecture

Bachelor of Science in Architecture

Seven candidates

George Richard Bower, Madison, N. J.
Charles Russell Johnson, Dublin
James Michael Milligan, Hebron
William Joseph Noble, Jr., Metuchen, N. J.
Leah Rebecca Ratner, New Haven, Conn.
Vichai Soomvade, Bronx, N. Y.
Csaba Steve Yazzo, Worthington

Bachelor of Science in Landscape Architecture

Five candidates

James Arnold Howard, Chester, N. J.
Julie Elizabeth Karovics, East Cleveland
Thomas Eugene Smith, New Philadelphia
David John Utz, New Washington
Brian Lewis Wilson, Cincinnati

College of Law

Dean: James E. Meeks

Juris Doctor

Twenty-eight candidates

Barbara Lee Ayres, Huntington, W. Va. B.A. (Marshall University); M.A. Richard Allan Barnhart, Youngstown B.S.B.A. (Youngstown State University)
Bruce Frederick Browder, Columbus B.A.
Gary Seymour Colton, Jr., Pepper Pike B.A. (Centre College of Kentucky)
Steven Benjamin Dow, Cincinnati B.L.S. (Bowling Green State University)
Jane McGarry Faulkner, Rocky River B.A. (University of Georgia)
James David Gradel, Toledo B.B.A. (University of Cincinnati)
Bruce Patrick Gudenkauf, Fairfield A.B. (Harvard College)
William Stuart Harbor, Troy A.B. (Indiana University)
Barry Alan Igdaloff, Toledo B.S. in Business (Indiana University)
Jeffrey John Jurca, Cleveland B.A. (Kenyon College)
Carol Denise Kopystynsky, Piqua B.S.Ed. (Ohio University)
Douglas William Little, Middleport B.S.Bus.Adm.
Michael Jeffrey Marsh, Bowling Green B.S. in Bus.Adm. (Bowling Green State University)
Robert Steven Martinez, New Hyde Park, N. Y. B.A. (The College of Steubenville)
John Gregory Morrison, Scottsdale, Ariz. B.S. (University of Arizona)

Daniel Wayne O'Bryan, New Concord B.A. (Muskingum College)

Morris Ojalvo, Columbus B.C.E., M.S. (Rensselaer Polytechnic Institute); Ph.D. (Lehigh University)

Jane Kirk Ricci, East Stroudsburg, Pa. B.A. (Dickinson College); M.S. (University of Pittsburgh)

Martha A. Rose, Rocky River B.A. (University of Cincinnati)

Jeffrey Lynn Runyan, Columbus B.S. (Bowling Green State University)

Joseph Peter Schmitz, Dayton B.A.

Thomas Lee Sherman, Portsmouth A.B. (Ohio University)

Carla Denise Skeen, Columbus B.A.

Elisabeth Ann Squeglia, Youngstown B.A.

Jill Eileen Stone, University Heights B.A. (Cleveland State University)

Evelyn Joyce Stratton, Columbus B.A. (University of Akron)

Richard Merlin Wilson, Jr., Manistee, Mich. B.S. (Grand Valley State College)

College of Medicine

Dean: Henry G. Cramblett, M.D.

Doctor of Medicine

Four candidates

Romaine Belle Bayless, Chillicothe B.S. (Ohio University)

Richard James Davis, New Philadelphia B.A.

William Henry Roberts, II, New Lexington B.A. (Denison University)

David Joel Wenger, Fremont B.S. (Bowling Green State University)

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Four candidates

Ronda Kay Dean, Hilliard
Valerie Mouras, Columbus
Jacquelyn Deborah Penn, Cleveland
Macille Thompkins Stoner, Columbus

* Also Bachelor of Science in Surveying, College of Engineering

* Also Bachelor of Science in Civil Engineering, College of Engineering

Certificate of Nurse Anesthetist

Two candidates

Danny Charles Courtney, Grand Rapids
B.S. Nursing (Bowling Green State
University)
Bonnie Gene Truchoweski, Ironton
B.S. Nursing (Ohio University)

Certificate of Post Baccalaureate Medical Technologist

Two candidates

Leslie Ann Curtis, Sandusky
B.S. (Sienna Heights College, Adrian,
Mich.)
Jan Madeline Mann, Norwalk
B.A. (Case Western Reserve)

School of Nursing

Bachelor of Science in Nursing

Thirty-four candidates

Laurel Short Beard, Columbus
Barbara Ann Benedict, Gahanna
Barbara Alane Biggs, Westerville
Laura Jean Cavanaugh, Fairview Park
Teresa Dana Clear, New Vienna
Pamela Sue Cook, East Liverpool
Rebecca Ann Diefendorff, Akron
Cynthia Potempa Ellis, Columbus
Nancy Beth Fink, Celina
George Bernard Fox, Logan
Elizabeth Jane Gardner, North Ridgeville
Sandra Sue Gray, Martins Ferry
Christy Stowell Gural, Cincinnati
Suzanne Hager, Dayton
Carolyn Loxley Hanks, Columbus
Kathleen Ann Houston, Delaware
Christopher Allen Krupp, Tiffin
Lisa Ann Markovitz, Canton
Shelley LeClair Marshall, Columbus
Mary Druffel Merrill, Columbus
Raymond James Meyers, Columbus
B.S.Ed.
Patricia Lynn Nelson, Lucasville
Julie Anne Pabst, Canal Winchester
Melanie Jane Perkins, Columbus
Michele Pillar Killian, Toronto
Melanie Curry Poling, Minerva
Katarina Elizabeth Polkki, Cleveland
Marita Sue Prater, Kettering
Lisa Anne Reichenbach, Columbus Grove
Dawn Flegge Remster, Amherst
Mary Haimbaugh Secret, Columbus
Anita Gail Strong, Hamilton
Robin Lynn Watters, Columbus
Mark Tice Wootton, Columbus

College of Pharmacy

Dean: Albert H. Soloway

Two candidates

Mark Paul Detwiler, Seville
David Wylie Strub, Coshocton

College of Social Work

Dean: Robert O. Washington

Bachelor of Science in Social Welfare

One candidate

Diane Sprague Park, Ashland

College of Veterinary Medicine

Dean: C. Roger Smith

Doctor of Veterinary Medicine

One candidate

Joseph Anthony Greer, III, Columbus
B.S.

Graduates with Honors

Summa Cum Laude

Sandi Leigh Abend, Parma
Kenneth A. Basch, Mayfield Heights
Yolanda Lynn Cole, Columbus
Nancy Ann Duffy, Columbus
David Franklin Golden, Columbus
Kathy Marie Kallman, Wadsworth
Darlene Dee Lazarchic, Mentor
Thomas Alan Moser, Columbus
Robert Dehn Nelson, Lagrange Park, Ill.
Thomas Anthony Roesch, Columbus
Alice Carolyn Schmitt, Worthington
Rhonda Lee Searles, Columbus
Lawrence David Vellani, Columbus
Mary Anne Wolfe, Dublin
Douglas Edward Zelinski, Urbana

Summa cum laude with distinction in Agricultural Economics

Gene Anthony Marsh, Columbus

Summa cum laude with distinction in Natural Resources Communication

Theresa Louise Roether, Findlay

Cum Laude

Neil Wayne Baker, Lisbon
Jeffrey Dale Benton, Mingo Junction
Kathleen Biggs, Annapolis, Md.
Janet Kreamer Eridenbach, Columbus
Dixie Kaye Cameron, Upper Sandusky
Teresa Murray Capretta, Columbus
Gwendolyn Sue Curtiss, Bellville
Rebecca Ann Diefendorff, Akron
Julie Ellen Elliott, West Mansfield
Cynthia Potempa Ellis, Columbus
Wayne C. Erdman, Columbus
Troy Alva Evans, Manchester
Linda Adele Fowler, Columbus
Judith Creighton Frenton, Columbus
Felix Theodore Freuler, Hamilton
Stephen Patrick Hannishin, Warren
Karen Sue Harris, Mansfield
Mary Ann Hartley, Whitehall
Janice Louise Heckler, Columbus
Mary Martha Hudak, Akron
Dan Richard Kaiser, Grove City
Frederick Paul Kiehne, Kettering
April Leigh Konneker, Naples, Fla.
Karen Sue Kuhlman, Worthington
Stuart Michael Kunkler, Stow
John Andrew Maul, Jr., Columbus
Lori Ann Meyer, Kettering
Susan Annette Miller, Whitehall
Marita Sue Prater, Kettering
Nancy Carol Raab, Lancaster
Lewis Charles Rakocy, Gallon
Teresa Yvonne Ranft, Columbus
Steven Wayne Rogers, Columbus
David Edward Rooney, Findlay
Jacqueline J. Rudolph, Columbus
Barbara Ellen Schwarz, Wilmette, Ill.
Steven Ray Shafer, Marion
Carol Ellen Shafran, South Euclid
Michael Drew Sisson, Columbus
Ronald Joseph Snyder, Columbus
Terry Lee Stuart, Rock Creek
Nancy McCrea Townsend, Worthington
Jeanne Christine Uhl, Columbus
Karen Anne Wetzel, Columbus
Cynthia Carlson Wolfe, Columbus
Catherine Jane Zulauf, Columbus

Cum laude with honors in the Liberal Arts

Amy Elizabeth Curtiss, Circleville
Catherine Suzanne Smith, Columbus

With distinction in Animal Science

Garrett Robert Oetzel, New Richmond

With distinction in Environmental Education

Lynn Ellen LeMaster, Columbus

With distinction in Psychology with honors in the Liberal Arts

Kathryn Ann Kondrotas, Dayton

With honors in the Liberal Arts

Connie Hoblet, Archbold
Melinda Hofstetter, Cleveland
Stuart Alan Lewis, Cincinnati
Deborah Ann Salis, Columbus

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND FORTY-THIRD MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, December 7, 1978

The Board of Trustees met at its regular monthly meeting on Friday, December 7, 1978, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Howard D. Sirak, Chairman, Patricia D. James, Chester Devenow, Warren J Smith, John D. Jacob, D. James Hilliker and John F. Havens.

* * *

Minutes of the last meeting were approved.

* * *

December 7, 1978 meeting, Board of Trustees

The Chairman, Dr. Sirak, 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 disputes involving the University that are the subject of imminent court action.

Present: Howard D. Sirak, Chairman, Patricia D. James, Chester Devenow, Warren J Smith, John D. Jacob, D. James Hilliker and John F. Havens.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

RESOLUTIONS IN MEMORIAM

Resolution No. 79-66

Synopsis: Resolutions honoring the service of three of this 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.

Upon motion of Dr. Jacob, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

James B. Burr

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 4, 1978, of James B. Burr, Professor Emeritus, Academic Faculty of Early and Middle Childhood Education. He was a faculty member for 33 years, before his retirement in 1973.

A widely known teacher and consultant, Dr. Burr authored several volumes for the literacy-instruction program of the United States Armed Forces Institute, books and articles on elementary school leadership, and a pioneering treatise on student teaching in elementary schools. He was a member of numerous school survey teams that conducted research in Ohio and neighboring states, and he served as a consultant to many school systems and to a variety of curriculum-study groups.

While at Ohio State, Dr. Burr served as Coordinator of Elementary-School Student Teaching for several years. Appointed Head of the Teacher Education Division during a reorganization of the College of Education, he served with distinction.

Born in Germantown, Pennsylvania, on September 27, 1907, he spent his childhood years in Riverton, New Jersey, attended its public schools, and was graduated from Palmyra High School.

December 7, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

James B. Burr (contd)

Dr. Burr received his Bachelor's degree from Swarthmore College, his Master's degree from Teachers College, Columbia University, and his Doctor of Education degree from Stanford University.

Before joining the faculty of The Ohio State University, he taught in the public schools of Patchogue, New York, and in the Hill School for Boys, served as a graduate assistant at Teachers College, Columbia University, and was a teacher and supervising principal in the public schools of Des Moines, Iowa.

Dr. Burr held memberships in the Ohio Education Association, the National Education Association, the Association for Supervision and Curriculum Development, the National Association of Elementary School Principals, and the National Council of Teachers of Social Studies.

On behalf of the University, the Board of Trustees expresses to the family its deepest 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.

Esther McGinnis

The Board of Trustees of The Ohio State University expresses its sorrow at the death on October 12, 1978, of Esther McGinnis, Professor Emeritus, Home Economics.

Dr. McGinnis was born in Columbus, Ohio, on November 27, 1893. She received the Bachelor of Science in Home Economics degree from The Ohio State University in 1915 and subsequently served as Assistant in Foods at Ohio State. In 1916 she joined the faculty at the University of Maine and in the next ten years advanced from Instructor to Professor and Head of the Department of Home Economics. During this time she undertook graduate study at Columbia University, earning the Master of Science degree in 1923.

She continued her study at the University of Minnesota in 1926 as a National Research Council Fellow, earning the Doctor of Philosophy degree in 1928. She remained at the University of Minnesota the following ten years as Professor and Head of the Parent Education Department in the Institute of Child Welfare. Subsequently she moved to Buffalo State Technical College where she served as a Professor in Family Relationships from 1938 to 1945. During the years 1945 to 1952 she worked at Merrill Palmer School advancing from Assistant Director to Director.

Dr. McGinnis returned to Ohio State in 1952 where she served as a Professor in the Department of Family Relations and Human Development, receiving Emeritus status upon her retirement in 1959.

December 7, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Esther McGinnis (contd)

Dr. McGinnis' expertise in family relations and human development is recognized nationally and internationally. She wrote numerous articles for professional journals and was active in many professional organizations. She was awarded the Diplomate by the American Board of Examiners in Professional Psychology, the highest honor which the American Psychological Association confers upon clinically trained psychologists.

A co-worker has said, ". . . the recitation . . . of Esther McGinnis' accomplishments, though formidable, cannot convey the nature of her professional genius. Those educators, research workers, and administrators . . . who . . . worked closely with Dr. McGinnis knew of the warmth of her personality and the sincerity of her motivation as well as the depth of her understanding of human relations."

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

Lowell Ragatz

The Board of Trustees of The Ohio State University expresses its great sorrow upon the untimely death October 28, 1978 of Lowell Ragatz, Professor Emeritus in the Department of History.

Professor Lowell Ragatz was born in Prairie du Sac, Wisconsin, July 21, 1897. After service in the United States Army 1918-1919, he returned to the University of Wisconsin where he received the B.A., M.A. and Ph.D. degrees in 1920, 1921 and 1925, respectively, having pursued his studies also in other universities in the United States, France, and England. Although his field of specialization was the history of colonial empires, he wrote on numerous other topics in modern history. From 1929 to 1942, he was an editor for the American Historical Association. Among the numerous honors given him were the Justin Winsor Prize of the American Historical Association, a Guggenheim Fellowship, and memberships in Phi Beta Kappa, the Royal Historical Society (British), and the Royal Society of Arts (British).

After teaching at George Washington University from 1924 to 1949, he joined the Department of History at The Ohio State University where he taught until his retirement in 1967, serving as chairman from 1949 to 1953. In 1955, he was a visiting professor at the Australian National University at Canberra and from 1959 to 1960 Fulbright lecturer at Keio University and the Tokyo University of Education in Japan. From 1967 to 1968, he taught at Alaska Methodist University. His love of teaching, warm personality, and devotion to the members of his family endeared him to both students and colleagues.

December 7, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Lowell Ragatz (contd)

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

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BUDGET SUMMARY (FIRST QUARTER, 1978-79)

Resolution No. 79-67

Synopsis: First Quarter Budget Summary, 1978-79 is presented for review and acceptance.

This Budget Summary for the first quarter, 1978-79 contains revised estimates, primarily for Restricted Funds, of resource and expenditure projections as actual data have become available. Minor changes to the June, 1978 budget have been made to the core Unrestricted Fund estimates of the Columbus Campus and of the Regional Campuses representing expected changes in subsidy and fee resources based on actual Autumn Quarter enrollments. Downward revisions in the Restricted Fund estimates anticipate slower expenditure rates for new grants and contracts awarded in 1977-78 than projected in June, 1978. Net downward revisions in the auxiliary and earning operations income/expense projections primarily reflect changes in accounting methods which now allow the University to treat some transactions as interdepartmental transfers of funds rather than as expenditures.

WHEREAS the first quarter report of the 1978-79 Current Funds Budget, covering the period July through September, 1978, is presented for review by the Board of Trustees and its income/expense estimates deviate by less than one percent from the 1978-79 budget approved by the Board in June, 1978; and

WHEREAS the projected income and expenditures of the first quarter report for 1978-79 are balanced:

NOW THEREFORE

BE IT RESOLVED, That the accompanying first quarter budget report be accepted.

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

December 7, 1978 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1978-79 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1978-79
(IN THOUSANDS)

	Budget Approved June 8, 1978	Proposed Revised Budget December 7, 1978
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$145,125	\$144,051
Libraries	8,235	8,290
Other Academic Support	2,718	2,598
Sponsored Programs Administration	2,244	2,244
Student Services	7,715	7,781
Plant Operation	25,205	25,265
Institutional Support	15,308	15,318
Total Instruction and General	\$206,550	\$205,547
Sponsored Research		
Research Foundation	\$ 29,675	\$ 27,145
Engineering Experiment Station	1,998	1,883
University Sponsored Programs	913	913
Other	1,996	2,896
Total Sponsored Research	\$ 34,582	\$ 32,837
Public Service		
University Hospitals	\$ 79,298	\$ 79,585
Cooperative Extension Service	19,185	19,235
University Sponsored Programs	2,419	2,419
Other	17,339	16,749
Conferences	2,350	2,380
Total Public Service	\$120,591	\$120,368
Student Aid	\$ 5,787	\$ 6,122

December 7, 1978 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1978-79 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1978-79
(IN THOUSANDS)

	Budget Approved June 8, 1978	Proposed Revised Budget December 7, 1978
Columbus Campus (contd)		
Auxiliaries		
Student Housing	\$ 19,123	\$ 19,152
Intercollegiate Athletics	8,199	8,062
University Bookstores	4,736	4,735
Student Health Service	2,398	2,395
Student Unions	2,480	2,478
Parking Facilities	2,692	2,692
University Airport	1,751	1,751
Fawcett Center for Tomorrow	1,359	1,359
Other	936	936
Total Auxiliaries	\$ 43,674	\$ 43,560
TOTAL COLUMBUS CAMPUS	\$411,184	\$408,434
Regional Campuses		
Administration	\$ 179	\$ 179
Lima Campus	2,266	2,266
Mansfield Campus	2,295	2,287
Marion Campus	1,391	1,348
Newark Campus	2,113	2,084
Agricultural Technical Institute	2,521	2,339
Wright Patterson Graduate Center	165	165
Total Regional Campuses	\$ 10,930	\$ 10,668
GRAND TOTAL	\$422,114	\$419,102

December 7, 1978 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1978-79 CURRENT FUNDS BUDGET
SOURCES OF INCOME TO SUPPORT 1978-79 BUDGETS
(IN THOUSANDS)

	Estimated Income June 6, 1978	Estimated Income December 7, 1978
Columbus Campus		
Government Appropriations		
State of Ohio	\$141,017	\$140,893
Federal	52,469	51,701
Other	5,603	5,820
Subtotal	\$199,089	\$198,414
Student Fees		
Instruction and General	\$ 58,480	\$ 58,460
Room and Board	16,113	16,113
Other	2,650	2,725
Subtotal	\$ 77,243	\$ 77,298
Other Income		
Auxiliary Sales and Charges	\$ 97,890	\$ 98,001
Department and University Services	19,622	17,827
Endowment Income	2,745	2,965
Gifts and Grants	13,975	13,630
Temporary Investments	2,800	2,800
Subtotal	\$137,032	\$135,223
TOTAL COLUMBUS CAMPUS	\$413,364	\$410,935
Regional Campuses		
Lima Campus	\$ 2,566	\$ 2,576
Mansfield Campus	2,611	2,604
Marion Campus	1,605	1,562
Newark Campus	2,398	2,369
Agricultural Technical Institute	2,688	2,505
Wright Patterson Graduate Center	165	165
TOTAL REGIONAL CAMPUSES	\$ 12,033	\$ 11,781
GRAND TOTAL	\$425,397	\$422,716

December 7, 1978 meeting, Board of Trustees

HONORARY DEGREE

Resolution No. 79-68

Synopsis: Approval is requested for awarding an honorary degree.

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 an honorary degree as listed below:

Howard R. Bowen

Doctor of Humane Letters

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. Devenow, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**ESTABLISHMENT OF "THE CAROL S. KENNEDY
PROFESSORSHIP IN HUMAN NUTRITION"**

Resolution No. 79-69

Synopsis: Establishment of "The Carol S. Kennedy Professorship in Human Nutrition" is being proposed.

WHEREAS the Board of Trustees on January 14, 1965 approved a set of guidelines for the establishment of "Named Professorships" which was subsequently modified March 3, 1972 and renamed "Endowed Professorships" and was modified further on May 5, 1978; and

WHEREAS a bequest to The Ohio State University Development Fund from Carol S. Kennedy, B.S.Ed. '38, has been received for the establishment of "The Carol S. Kennedy Professorship in Human Nutrition"; and

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

WHEREAS the annual income is to be used to provide support for the work of a distinguished scholar in the Department of Human Nutrition and Food Management in the School of Home Economics with appointment to the Kennedy Professorship to be recommended to the Provost by the Dean of the College of Agriculture and Home Economics, in consultation with the Director of the School of Home Economics, for approval by the Board of Trustees; and

December 7, 1978 meeting, Board of Trustees

**ESTABLISHMENT OF "THE CAROL S. KENNEDY
PROFESSORSHIP IN HUMAN NUTRITION" (contd)**

WHEREAS should the need for this faculty 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 the College of Agriculture and Home Economics:

NOW THEREFORE

BE IT RESOLVED, That "The Carol S. Kennedy Professorship in Human Nutrition" be established in accordance with the wishes of the donor.

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

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**ESTABLISHMENT OF A PROGRAM LEADING TO A
MASTER OF HEALTH ADMINISTRATION DEGREE**

Resolution No. 79-70

Synopsis: Establishment of a new degree program leading to a Master of Health Administration degree is proposed.

WHEREAS a need exists to establish a Master of Health Administration (MHA) degree at The Ohio State University; and

WHEREAS the proposed Master of Health Administration degree meets tagged degree criteria established by the Board of Regents of the State of Ohio and by The Ohio State University; and

WHEREAS all appropriate school, college and university committees have reviewed and endorsed the establishment of a Master of Health Administration degree program within the School of Allied Medical Professions:

NOW THEREFORE

BE IT RESOLVED, That the proposal approved by the University Senate, November 18, 1978, for the establishment of the Master of Health Administration degree, effective July 1, 1979, be approved and that this proposal be forwarded to the Ohio Board of Regents pursuant to Section 3333.04 of the Ohio Revised Code for approval.

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

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December 7, 1978 meeting, Board of Trustees

**ESTABLISHMENT OF A PROGRAM LEADING TO A
MASTER OF HUMANITIES DEGREE**

Resolution No. 79-71

Synopsis: Establishment of a program leading to a Master of Humanities degree is being proposed.

WHEREAS the College of Humanities has proposed a new tagged degree program to be known as the Master of Humanities; and

WHEREAS such a program is directly responsive to a perceived need to promote life-long learning; and

WHEREAS such a program can be implemented with current resources:

NOW THEREFORE

BE IT RESOLVED, That the proposal approved by the University Senate, November 18, 1978, for the establishment of the Master of Humanities degree, effective July 1, 1979, be approved and that this proposal be forwarded to the Ohio Board of Regents pursuant to Section 3333.04 of the Ohio Revised Code for approval.

Upon motion of Mrs. James, seconded by Mr. Smith, the foregoing resolution was adopted by the Board of Trustees by unanimous voice vote.

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**ESTABLISHMENT OF A PROGRAM LEADING TO A PH.D. DEGREE
IN COMPREHENSIVE VOCATIONAL EDUCATION**

Resolution No. 79-72

Synopsis: A new degree program leading to an interdepartmental Ph.D. degree in Vocational Education is being proposed.

WHEREAS there is a recognized shortage in the nation of scholars with advanced graduate preparation in comprehensive vocational education emphasizing theory and research in education and the social and behavioral sciences; and

WHEREAS The Ohio State University has one of the richest and most talented resources of any similar university in the nation in its four departments and/or faculties in vocational education (Agricultural Education, Home Economics Education, Industrial Technology Education and Vocational-Technical Education) and the National Center for Research in Vocational Education; and

WHEREAS the profession can be significantly benefited and influenced by the contributions which this University can make to the generation of knowledge and the preparation of

December 7, 1978 meeting, Board of Trustees

**ESTABLISHMENT OF A PROGRAM LEADING TO A PH.D. DEGREE
IN COMPREHENSIVE VOCATIONAL EDUCATION (contd)**

scholars in comprehensive vocational education through the proposed interdepartmental program; and

WHEREAS the four departments and/or faculties of vocational education, with the support of the National Center and other related academic departments, have agreed to cooperate in the establishment and operation of an interdepartmental program of comprehensive vocational education:

NOW THEREFORE

BE IT RESOLVED, That the recommendation of the University Senate for the establishment of an interdepartmental Ph.D. degree program in comprehensive vocational education at The Ohio State University, effective July 1, 1979, be approved.

Upon motion of Mrs. James, seconded by Dr. Jacob, the foregoing resolution was adopted by the Board of Trustees by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 79-73

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments and Leaves of Absence Without Salary are recommended for approval.

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the November 3, 1978 meeting of the Board, including the following Appointments and Leaves of Absence Without Salary as detailed in the University Budget for 1978-79 be approved.

Appointments

Name:	RICHARD L. WINK
Titles:	Acting Dean/Director, Mansfield Regional Campus; and Professor, School of Music (Mansfield Regional Campus)
Effective:	January 1, 1979
Salary:	\$28,920.00 (12-month appointment)
Present Positions:	Associate Dean, Mansfield Regional Campus; and Professor, School of Music (Mansfield Regional Campus)

December 7, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: PHILIP C. SORENSEN
Titles: Associate Dean and Professor
College: Law
Effective: January 1, 1979
Salary: \$37,200.00 (9-month appointment)
Present Position: Professor, College of Law

Name: GORDON BRUCE MAINLAND
Titles: Acting Associate Dean, Newark Regional Campus; and Assistant Professor, Department of Physics (Newark Regional Campus)
Effective: January 1, 1979
Salary: \$18,480.00 (9-month appointment)
Present Position: Assistant Professor, Department of Physics (Newark Regional Campus)

Name: HERMAN RANDOLPH BOBBITT, JR.
Titles: Professor and Chairman
Academic Faculty: Management Science
Effective: October 1, 1979
Salary: \$30,840.00 (9-month appointment)
Present Position: Professor, Academic Faculty of Management Science

Name: DIJEN K. RAY-CHAUDHURI
Titles: Professor and Chairman
Department: Mathematics
Effective: January 1, 1979
Salary: \$45,000.00 (9-month appointment)
Present Position: Professor, Department of Mathematics

Name: JAMES NORMAN ALLEN
Title: Professor (The Helen C. Kurtz Chair in Neurology)
Department: Medicine
Effective: January 1, 1979
Salary: \$42,000.00 (12-month appointment)
Present Position: Professor, Department of Medicine

Leaves of Absence Without Salary

PAUL E. FERTIG, Professor, Academic Faculty of Accounting, effective April 1, 1979 through June 30, 1979, to accept a Visiting Professorship in Accounting at the University of North Carolina, School of Business Administration, Chapel Hill, North Carolina.

December 7, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

THOMAS N. TAYLOR, Professor, Department of Botany, effective January 1, 1979 through June 30, 1979, to do research and complete a book manuscript at the University of Texas at Austin, Department of Botany.

KENNETH J. ANDRIEN, Assistant Professor, Department of History, effective January 1, 1979 through May 31, 1979, to accept a Fulbright-Hays grant to continue research on a current project in Spain.

M. KATHERINE MEYER, Assistant Professor, Department of Sociology, effective January 1, 1979 through December 31, 1979, to accept NIMH Fellowship at Johns Hopkins University, Department of Social Relations.

CLARA C. SPATH, Instructor, Cooperative Extension Service, effective October 1, 1978 through November 6, 1978, for personal reasons.

Upon motion of Mr. Devenow, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

RESIGNATION OF EDWARD Q. MOULTON

Resolution No. 79-74

President Enarson made the following statement:

I regret to report that there is a new item that of necessity must be included here. As all of you know, the announcement of the appointment of Ned Moulton as the new chancellor of the Ohio Board of Regents was made yesterday and I had the painful duty of accepting his resignation yesterday afternoon so he can be forgiven in his role as Secretary of the Board if his resignation is not included here today. I didn't prepare any remarks on this topic. I thought that if after seven fruitful years of association, Ned, I couldn't wing it on your contribution to the University that something was terribly, terribly wrong. I am sure that the Board members will want to express their appreciation, each in your own way, to Ned for his service to the University and to this Board. But I'd like to take this first public opportunity I've had to express not only the appreciation of the entire University community for Ned's service over a 20+ year span of the University, but my own personal appreciation for his support, his assistance, his unswerving loyalty in all these years. I came to work here September 1 or 2, 1972, and learned to my great dismay that I would preside at Commencement the next day. And it was Ned who said 'You can do it' and pushed me on stage. At that time I had the big book that described what you said and when you said it, when you started shaking hands with people and all that sort of thing. I think in a way that typified the kind of assistance that I've had ever since then. Ned has occupied a really very special and unique role in this institution with respect to his responsibilities. His

December 7, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

President Enarson's statement (contd)

title, of course, is Vice President for Business and Administration and that encompasses a great deal of the University, but I think it is fair to say that he has always had a keen grasp of the academic dimension of the University and I know that as he enters on his new duties, he'll maintain that same perspective. I am going to miss you greatly, Ned.

Dr. Moulton: Thank you very much, Mr. President.

Dr. Jacob:

Mr. Chairman, I'd like to have placed in the minutes in the form of a separate motion an expression of gratitude of the Board and through us the gratitude of the entire University for Ned's service and wish him 'God Speed and Good Luck' in his new assignment on the Board of Regents and I therefore so move.

Mr. Hilliker: Second.

Dr. Moulton:

Thank you. I've had a wonderful 22 years. It has been my pleasure to serve under two presidents who I greatly admire and a host of dedicated trustees. I'll miss you. Thank you for your warm friendship.

Dr. Sirak:

As the chairman and as a friend, I can't let you go without adding a personal note. Ned, I think I knew you for twenty years before our association on this Board. You have always given me a great sense of security as a trustee and now during the time I've been chairman, I always was confident that if I needed some help or some information that I could turn to you. If you didn't happen to know the answer right off, you knew where to get it, and you would promptly supply it. Ned, everyone is gratified by good and prompt results.

You did a yeoman service for this University and it and the Board will have to look hard to find someone who can serve them as well.

I must add one more note. Even though you are going downtown to the chancellorship, remember that we are after all your old friends, and we'll be very glad to help you in any way we can.

President Enarson: And we've got the tickets!

The foregoing resolution was adopted by unanimous voice vote.

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December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

Resolution No. 79-75

Synopsis: The report on contracts, grants and gifts and the summary for October 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 Office of Business and Administration of the University, 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 Office of Business and Administration, the Engineering Experiment Station and The Ohio State University Development Fund during the month of October 1978, be approved.

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

December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR OCTOBER 1978

Source	No. of Projects	Support Level
Office of Business and Administration	12	\$2,665,505.14
The Ohio State University Research Foundation	82	3,817,916.01
		\$6,483,421.15
The Ohio State University Development Fund	3,174 Donors	\$ 969,217.52
Establishment of Named Funds		
The M. H. Brown Family Endowed Scholarship Fund (College of Agriculture)		\$ 40,000.00
The Josef N. Knull Memorial Fund in Entomology (Department of Entomology)		10,000.00
Friends of WOSU Endowment Fund (WOSU/AM, WOSU/FM or WOSU/TV)		6,500.00
Paul C. and Sarah M. Smith Scholar- ship Fund (Varsity cheerleaders)		4,000.00

December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

New Presidents Club Members - October 1978

William M. Azallion	Michael J. Jordan
Leota Leyda Balsizer	Ronald W. Kauffman
Vincent Bolling, Jr.	Kenneth J. Lambourne
Willard S. Breon	Beverly Sue Mahar
Ernest G. Boone, Jr.	Al Martingano
William E. Brooks	Terry L. Marquand
John J. Chester	Diana McLane
Joseph A. Chornyak	Robert M. Pfister
Paul A. Colinvaux	James W. Reichert
Ben A. Daniel	Paul O. Scott
Kenneth A. Davis	Frederick J. Sharp
Ellen N. Dunlap (Mrs. John H., Jr.)	Gerald E. Sutermaster
Edna Smith Eakin (In Memoriam)	Robert T. Taggart
John R. Garbo	Suzan Barnes Thomas
James F. Greene	Ruth Scott Utley (Mrs. Francis Lee)
James A. Hall	Phillip A. Vannatta
Harry L. Henning	Carl D. Weals
Gregory J. Hewitt	Jeffrey L. Welles
William V. Hilt, II	Ora A. Winzenried, Jr.
Richard B. James	Myrna Yashon

December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Contracts/Grants

\$1,050,899.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Bethesda, Maryland, Health Professions Capitation Grant Program, College of Medicine, October 1, 1978 through September 30, 1979. (Grant No. 5E03MB15116-13)

\$857,678.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Bethesda, Maryland, Health Professions Capitation Grant Program, College of Dentistry, October 1, 1978 through September 30, 1979. (Grant No. 5E03MB15309-13)

\$388,695.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Bethesda, Maryland, Health Professions Capitation Grant Program, College of Veterinary Medicine, October 1, 1978 through September 30, 1979. (Grant No. 5E03MB15704-09)

\$171,542.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Bethesda, Maryland, Health Professions Capitation Grant Program, College of Pharmacy, October 1, 1978 through September 30, 1979. (Grant No. 5E03MB15608-09)

\$88,993.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Bethesda, Maryland, Health Professions Capitation Grant Program, College of Optometry, October 1, 1978 through September 30, 1979. (Grant No. 5E03MB15402-13)

\$34,497.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division Manpower Training Support, Bethesda, Maryland, Exceptional Financial Need Scholarship, College of Dentistry, July 1, 1978 through June 30, 1979. (Grant No. 05L390075-79; Former No. 2 7 45 0430 15 1)

\$26,673.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division Manpower Training Support, Bethesda, Maryland, Exceptional Financial Need Scholarship, College of Medicine, July 1, 1978 through June 30, 1979. (Grant No. 05L390071-79; Former No. 1 7 45 0430 15 1)

\$7,587.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division Manpower Training Support, Bethesda, Maryland, Exceptional Financial Need Scholarship, College of Optometry, July 1, 1978 through June 30, 1979. (Grant No. 05L390077-79; Former No. 4 7 45 0430 15 1)

December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

Federal Contracts/Grants (contd)

\$7,344.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division Manpower Training Support, Bethesda, Maryland, Exceptional Financial Need Scholarship, College of Veterinary Medicine, July 1, 1978 through June 30, 1979. (Grant No. 05L390083-79; Former No. 7 7 45 0430 15 1)

\$6,525.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division Manpower Training Support, Bethesda, Maryland, Exceptional Financial Need Scholarship, College of Pharmacy, July 1, 1978 through June 30, 1979. (Grant No. 05L390079-79; Former No. 3 7 45 0430 15 1)

TOTAL - FEDERAL CONTRACTS/GRANTS \$2,640,433.00

State of Ohio Contract/Grant

\$7,192.14 - State of Ohio, Department of Education, Columbus, Ohio, Extension of Grant No. GO 577001, Department of Agricultural Education, to December 31, 1978.

Other Non-Federal Contract/Grant

\$17,880.00 - The Ohio Education Association, Columbus, Ohio, Professional Development Workshops for 1978-79, College of Education, October 1, 1978 through August 31, 1979.

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$286,914.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Joint Services Electronics Program, ElectroScience Laboratory, Department of Electrical Engineering (C. H. Walter), 1 October 1978 through 30 September 1979. (Project 760914 - Continuation)

\$258,649.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., Legislative Provisions for the Improvement of Guidance and Personnel Development, National Center for Research in Vocational Education (R. E. Taylor), 1 October 1978 through 31 March 1980. (Project 761400 - New)

\$217,798.00 - Department of Health, Education and Welfare, Office of Human Development, Developmental Disabilities Office, Region V, Chicago, Illinois, UAF Consortium Coordination Project, Nisonger Center for Mental Retardation, Office of Health Sciences (V. Reynolds), 30 September 1978 through 29 September 1979. (Project 760888 - Continuation)

December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$192,716.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunoprevention of Cancer in Cats, Department of Veterinary Pathobiology (R. G. Olsen and E. A. Hoover) and Department of Microbiology (P. C. Kimball), 1 October 1978 through 30 September 1980. (Project 761417 - New)

\$192,618.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Develop a Communications Office and Cancer Information Service, Cancer Research Center, Office of Health Sciences (D. S. Yohn), 19 September 1978 through 18 September 1979. (Project 761352 - New)

\$117,527.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Education for the Handicapped, Washington, D. C., Demonstration of Transitional Services for Severely and Profoundly Retarded School Age Children Across a Variety of Ecological Settings, Nisonger Center for Mental Retardation, Office of Health Sciences (V. Cotter), 1 October 1978 through 31 August 1979. (Project 761390 - New)

\$110,000.00 - Department of the Interior, Office of Water Research and Technology, Washington, D. C., Water Resources Center Annual Allotment Program Fiscal Year 1979, Engineering Experiment Station (R. C. Stiefel), Department of Microbiology (W. R. Sharp), Department of Civil Engineering (A. J. Rubin and T. H. Wu), and Department of Zoology (R. A. Stein), 1 October 1978 through 30 September 1979. (Project 761333 - New)

\$99,988.00 - Department of Health, Education and Welfare, Administration on Aging, Washington, D. C., Activity to Support and Strengthen Education through Retired Technicians, National Center for Research in Vocational Education (R. E. Taylor), 1 October 1978 through 30 September 1979. (Project 761357 - New)

\$99,153.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Clinical Cancer Education Program, Department of Surgery and College of Medicine - Administration (G. J. Cerilli), 30 September 1978 through 30 June 1979. (Project 761412 - Continuation)

\$92,180.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Radiation Enhancement in Nervous System Tumor Models, Department of Medicine (J. N. Allen) and Department of Veterinary Pathobiology (A. Koestner), 1 September 1978 through 31 August 1979. (Project 764576 - Continuation)

December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$82,600.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Hyattsville, Maryland, Nutritional Care Independent Study Packages for Family Practice Residents, Department of Family Medicine (T. Williams) and College of Medicine - Administration (L. L. Gabel), 30 September 1978 through 31 March 1980. (Project 761388 - New)

\$74,305.00 - Department of the Navy, Naval Air Development Center, Warminster, Pennsylvania, On-Aircraft Antenna Pattern Prediction Study, ElectroScience Laboratory, Department of Electrical Engineering (W. D. Burnside), 1 September 1978 through 31 August 1979. (Project 761385 - New)

\$73,404.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Pathology of Mitochondria in Ischemic Myocardium, Department of Physiological Chemistry (G. P. Brierley), 30 September 1978 through 29 June 1979. (Project 761229 - New)

\$73,079.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Antigenicity of Precancerous Lesions in Animal Models, Department of Veterinary Pathobiology (R. G. Olsen and E. A. Hoover), 10 September 1978 through 29 September 1979. (Project 760918 - Continuation)

\$69,812.00 - Department of Health, Education and Welfare, National Institute of Education, Washington, D. C., Knowledge Interpretation Program 1978: Citizenship Education, Mershon Center for Education in National Security (R. Remy), 1 October 1978 through 30 June 1979. (Project 761371 - New)

\$69,485.00 - Department of Transportation, Federal Highway Administration, Washington, D. C., Field Test and Evaluation Center for Eastern States, Engineering Experiment Station (E. A. Whitehurst), 1 October 1978 through 30 September 1979. (Project 760347 - Continuation)

\$68,402.00 - Department of the Army, Ballistic Missile Defense Systems Command, Huntsville, Alabama, Laser Induced Response, ElectroScience Laboratory, Department of Electrical Engineering (J. Meadors), 1 October 1978 through 30 June 1979. (Project 760733 - Continuation)

\$63,000.00 - National Oceanic and Atmospheric Administration, Washington, D. C., Use of SEASAT A Altimeter Data for the Improved Determination of the Geoid, Gravity Anomaly Field and Sea Surface Topography, Department of Geodetic Science (R. H. Rapp), 29 September 1978 through 28 September 1979. (Project 761378 - New)

December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$54,816.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Division of Associated Health Professions, Hyattsville, Maryland, Instructional Unit Development, School of Allied Medical Professions (R. J. Atwell and D. C. Broski), 1 October 1978 through 30 September 1979. (Project 761393 - New)

\$53,783.00 - Department of Labor, Washington, D. C., Research Relating to Hearing Impairment and Federal Workers Compensating Programs: L/A 78-3 (c) Presbycusis, Recruitment, and Tinnitus, Department of Communication (E. J. Hardick), 1 October 1978 through 30 September 1979. (Project 761363 - New)

\$52,836.00 - Environmental Protection Agency, Washington, D. C., Influence of Metallurgical and Operating Variables on Scaling and Corrosion in Water Reuse, Recycling, and Treatment Systems in Integrated Steel Plants, Department of Metallurgical Engineering (G. R. St. Pierre), 1 October 1978 through 30 September 1979. (Project 761364 - New)

\$51,944.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunotherapy of Experimental Lung Center, Department of Microbiology and Cancer Research Center, Office of Health Sciences (B. S. Zwilling), 30 September 1978 through 31 July 1979. (Project 760172 - Continuation)

\$51,655.00 - Department of the Air Force, Air Force Office of Scientific Research, Washington, D. C., Finite State Models of Manned Systems: Validation, Simplification, and Extension, Department of Industrial and Systems Engineering (R. A. Miller), 1 October 1978 through 30 September 1979. (Project 761348 - New)

\$50,000.00 - National Aeronautics and Space Administration, Washington, D. C., Investigation of Infrared Spectra of Atmospheric Gases to Support Stratospheric Spectroscopic Investigations, Department of Physics (J. H. Shaw), 1 November 1978 through 31 October 1979. (Project 761420 - New)

\$50,000.00 - Department of the Air Force, 2750th Air Base Wing, Wright-Patterson Air Force Base, Ohio, Evaluation and Upgrading of the Antenna Calibration Facility at the Measurement Standards Laboratory, ElectroScience Laboratory, Department of Electrical Engineering (R. Caldecott), 28 September 1978 through 27 September 1979. (Project 761384 - New)

\$46,800.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., Graduate and Professional Opportunities Program, Graduate School (F. W. Hale, Jr.), 1 September 1978 through 31 August 1979. (Project 761331 - New)

December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$43,885.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Studies on the Syntheses of Boron Hydride Systems, Department of Chemistry (S. Shore), 1 October 1978 through 30 September 1979. (Project 761119 - Continuation)

\$43,400.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Division of Associated Health Professions, Hyattsville, Maryland, Computer Simulation of Clinical Experience, School of Allied Medical Professions (R. J. Atwell and M. R. Schiller), 1 October 1978 through 30 September 1979. (Project 761394 - New)

\$42,470.00 - Department of Health, Education and Welfare, National Institute of Education, Washington, D. C., Knowledge Interpretation Program (Education Equity), National Center for Research in Vocational Education (R. E. Taylor), 1 October 1978 through 30 June 1979. (Project 761396 - New)

\$41,554.00 - Department of the Interior, Washington, D. C., The Relationship Between Egg Quality Survivorship of Newly Hatched Young and Pollutants in Precocial Birds, Department of Zoology (T. J. Peterle), 1 September 1978 through 31 August 1980. (Project 761343 - New)

\$41,000.00 - Ohio River Basin Commission, Cincinnati, Ohio, A Study of the Probable Effluents from Synfuel Plants Using Ohio River Region Coal, Engineering Experiment Station (R. C. Stiefel), Department of Nuclear Engineering (R. E. Bailey) and Department of Chemical Engineering (E. E. Smith), 25 September 1978 through 30 May 1979. (Project 761368 - New)

\$39,973.00 - Department of the Air Force, Headquarters, Rome Air Development Center (AFSC), Griffiss Air Force Base, New York, Advanced TDMA Techniques and Bit Synchronous Design and Array Component Evaluation, ElectroScience Laboratory, Department of Electrical Engineering (A. A. Ksienski), 1 October 1978 through 15 January 1979. (Project 764116 - Continuation)

\$39,804.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Pathogenesis of Animal Leukemia, Department of Veterinary Pathobiology (E. A. Hoover), 1 September 1978 through 31 August 1979. (Project 760928 - Continuation)

\$36,195.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, *In Vitro* Immunoglobulin Production in Hepatitis, Department of Medicine (R. L. Whisler), 29 September 1978 through 31 August 1979. (Project 761407 - New)

December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$30,679.00 - Department of the Army, Army Mobility Equipment Research and Development Command, Fort Belvoir, Virginia, Electromagnetic Mine Detection and Identification, ElectroScience Laboratory, Department of Electrical Engineering (L. Peters), 1 October 1978 through 4 May 1980. (Project 760674 - Continuation)

\$30,000.00 - Department of the Air Force, AFSC, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Modeling of Human Joint Structures, Department of Engineering Mechanics (A. E. Engin), 1 October 1978 through 30 September 1979. (Project 761007 - Continuation)

\$30,000.00 - Department of Labor, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Academic Faculty of Labor and Human Resources (H. S. Parnes), 1 October 1978 through 30 September 1979. (Project 760081 - Continuation)

\$25,271.00 - Department of the Interior, Washington, D. C., The Influence of Chemical Contaminants and Food Stress on Endocrine Control of Mourning Dove Courtship and Reproductive Behavior, Department of Zoology (G. H. Grau), 1 September 1978 through 31 August 1979. (Project 761355 - New)

\$20,800.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., Graduate and Professional Opportunities Program, Graduate School (F. W. Hale, Jr.), 1 September 1978 through 31 August 1979. (Project 761332 - New)

\$18,000.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Changes in the Organ of Hearing Produced by Sound, Department of Otolaryngology (D. J. Lim and W. Melnick), 1 October 1978 through 30 September 1979. (Project 760628 - Continuation)

\$17,120.00 - Department of Health, Education and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, Electron Microscopy Study of Diphenylhydantoin and Acrylamide Toxicity, Department of Veterinary Pathobiology (C. C. Capen), 22 September 1978 through 30 September 1979. (Project 761386 - New)

\$14,500.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, National Research Fellowship Award, Department of Veterinary Pathobiology (W. B. High and C. C. Capen), 1 November 1978 through 31 October 1979. (Project 761387 - New)

December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$14,422.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Hormones and Breast Cancer Prostaglandin Biosynthesis, Department of Surgery (J. P. Minton), 30 September 1978 through 28 February 1979. (Project 761413 - New)

\$9,994.00 - Department of the Navy, Naval Coastal Systems Center, Panama City, Florida, Application of the GTD to the Calculation of Acoustic Backscatter from Mine-Shaped Objects, ElectroScience Laboratory, Department of Electrical Engineering (R. G. Kouyoumjian and P. H. Pathak), 25 September 1978 through 30 September 1979. (Project 761374 - New)

\$9,933.00 - Department of Health, Education and Welfare, Office of Education, Occupational and Adult Education Branch, Washington, D. C., The Role of the School in Our Community: The Educator's Perspective, Mershon Center for Education in National Security (R. C. Remy), 1 October 1978 through 15 March 1979. (Project 761401 - New)

\$6,629.00 - Environmental Protection Agency, Cincinnati, Ohio, Protocol Development and Electron Microscopic and Immune Electron Microscopic Evaluation of Processed Fecal Samples, Department of Medical Microbiology (A. C. Ottolenghi), 6 September 1978 through 15 September 1979. (Project 761346 - New)

\$5,300.00 - Department of Transportation, Federal Highway Administration, Washington, D. C., Fundamental Studies in Automated Vehicle Control, Department of Electrical Engineering (R. E. Fenton), 1 October 1978 through 15 May 1980. (Project 760664 - Continuation)

\$4,131.00 - National Science Foundation, Washington, D. C., A Systematic Study of North American *Bidens*, Sections *Platycarpaea* and *Heterodonta*, Department of Botany (D. J. Crawford and M. L. Roberts), 15 October 1978 through 31 October 1980. (Project 761423 - New)

\$4,128.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Division of Associated Health Professions, Hyattsville, Maryland, Career Mobility in Medical Record Administration, School of Allied Medical Professions (R. J. Atwell and M. M. Pariser), 1 October 1978 through 30 September 1979. (Project 761395 - New)

\$3,936.00 - Department of the Interior, Fish and Wildlife Service, Twin Cities, Minnesota, An Investigation of Mortality of Lake Trout Stocked by Airplanes, Department of Zoology (B. L. Griswold), 13 September 1978 through 30 June 1979. (Project 760883 - Continuation)

December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$3,000.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Occupational and Adult Education, Washington, D. C., Assistance in Planning the Bureau of Occupational and Adult Education Commissioner's Report, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1978 through 31 October 1978. (Project 768005 - New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS \$3,229,588.00

State of Ohio Research Contracts/Grants

\$112,500.00 - State of Ohio, Department of Mental Health and Mental Retardation, Division of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Coordination of Consultation and Training Services Among University-Affiliated Facilities in Ohio, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 October 1978 through 30 September 1979. (Project 761425 - Continuation)

\$40,000.00 - State of Ohio, Developmental Disabilities Planning Council, Columbus, Ohio, Technical Assistance System (Evaluation--Technical Assistance Project), Nisonger Center for Mental Retardation (W. E. Loadman), 1 October 1978 through 30 September 1979. (Project 761416 - Continuation)

\$31,007.00 - The Ohio Youth Commission, Columbus, Ohio, Intern Training for Teaching Academic and Social Skills to Special Education Students, Academic Faculty of Exceptional Children (T. M. Stephens), 1 October 1978 through 30 June 1979. (Project 761380 - New)

\$30,126.00 - State of Ohio, Department of Health, Columbus, Ohio, Care and Training of Hemophiliac Patients for Home Therapy and Health Maintenance, Department of Medicine (S. P. Balcerzak), 1 July 1978 through 30 June 1979. (Project 760847 - Continuation)

\$8,280.00 - State of Ohio, Department of Health, Columbus, Ohio, A Study of the 1122 Review Process in Ohio, School of Allied Medical Professions (P. C. Nutt and W. O. Cleverley), 1 October 1978 through 30 September 1979. (Project 761403 - New)

\$7,200.00 - State of Ohio, Department of Education, Columbus, Ohio, Assistance with Policy Analysis and Administration, Academic Faculty of Educational Administration (R. O. Nystrand), 1 September 1978 through 31 August 1979. (Project 761406 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$ 229,113.00

December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants

\$65,000.00 - Kendall Demonstration Elementary School, Gallaudet College, Washington, D. C., Continuation of the Kendall Demonstration Elementary School Career Education Project, National Center for Research in Vocational Education (R. E. Taylor), 30 September 1978 through 29 September 1979. (Project 760952 - Continuation)

\$54,887.00 - Southeast Missouri State University, Cape Girardeau, Missouri, The Preparation of Supplemental Instructional Units Based on Crustal Research for Use in Grades 8-10, Academic Faculty of Science and Mathematics Education (V. J. Mayer), 1 September 1978 through 30 September 1979. (Project 761382 - Continuation)

\$43,476.00 - West Virginia University, Morgantown, West Virginia, Structural Mechanics Simulations Associated with Underground Coal Gasification, Department of Engineering Mechanics (S. H. Advani), 1 September 1978 through 30 April 1979. (Project 761290 - New)

\$28,334.00 - Muscular Dystrophy Association, New York, New York, MDA Drug Protocol, Department of Medicine (J. R. Mendell), 1 October 1978 through 30 September 1979. (Project 761360 - New)

\$27,000.00 - General Electric Foundation, Bridgeport, Connecticut, Evaluation of the General Electric Foundation Institute on Career Education and Guidance, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1978 through 15 April 1979. (Project 761330 - New)

\$22,280.00 - State of Vermont, Department of Education, Montpelier, Vermont, A Study to Determine the Feasibility of Establishing an Automated Management Information System for Vocational Education in the State of Vermont, National Center for Research in Vocational Education (R. E. Taylor), 15 September 1978 through 1 March 1979. (Project 761392 - New)

\$19,620.01 - The Procter and Gamble Company, Cincinnati, Ohio, Study of Dental Calculus, College of Dentistry - Administration (C. W. Conroy), 1 July 1977 through 30 June 1978. (Project 760029 - Continuation)

\$18,435.00 - Charles F. Kettering Foundation, Dayton, Ohio, An Evaluation of the "Columbus in the World" Project, Mershon Center for Education in National Security (C. F. Alger), 1 September 1978 through 31 August 1979. (Project 761405 - New)

December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$16,100.00 - Upper Arlington Public Schools, Upper Arlington, Ohio, The Upper Arlington Career Education Internship Program, Academic Faculty of Special Services (J. J. Quaranta), 1 October 1978 through 30 June 1979. (Project 761421 - Continuation)

\$10,470.00 - The Procter and Gamble Company, Cincinnati, Ohio, Study of *in vitro* Methods Used in Toxicological Research, Department of Veterinary Clinical Sciences (M. Wyman), 1 October 1978 through 30 September 1979. (Project 760402 - Continuation)

\$9,707.00 - Department of Development, City of Columbus, Ohio, Housing Counseling Program, Department of Psychology (J. Kaswan and A. Schwebel), 1 November 1978 through 1 December 1978. (Project 760947 - Continuation)

\$6,000.00 - American Cancer Society - Ohio Division, Inc., Cleveland, Ohio, Inhibition of RNA and Protein Synthesis by Methotrexate in Resting, Growing and Transformed Fibroblasts, Department of Biochemistry (L. F. Johnson), 1 October 1978 through 30 September 1979. (Project 761391 - New)

\$6,000.00 - Columbus Board of Education, Columbus, Ohio, A Cooperative Agreement Between The Ohio State University Research Foundation and Columbus (Ohio) Board of Education, Academic Faculty of Exceptional Children (R. H. Swassing), 1 October 1978 through 30 June 1979. (Project 761351 - New)

\$5,995.00 - American Cancer Society - Ohio Division, Inc., Cleveland, Ohio, Oxidative Activity in Tumors Characterized for Oxygen Toxicity Repair Enzymes, Department of Surgery (D. G. Bronn) and Department of Physiology (H. S. Weiss), 1 October 1978 through 30 September 1979. (Project 761402 - New)

\$5,948.00 - State of Mississippi, Department of Education, Office of Career Education, Jackson, Mississippi, Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 1 October 1978 through 31 December 1978. (Project 768009 - New)

\$5,500.00 - Madison Public Schools, Madison, Wisconsin, Alliance for Career and Vocational Education, Madison Metropolitan School District, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1978 through 30 June 1979. (Project 761356 - New)

\$4,500.00 - Kidney Foundation of Central Ohio, Inc., Columbus, Ohio, Renal Hemodynamic and Hormonal Alterations with Dobutamine Treatment in Patients with Cardiomyopathic Heart Failure, Department of Medicine (W. H. Bay), 1 October 1978 through 30 September 1979. (Project 761411 - New)

December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$2,500.00 - Worthington City Schools, Worthington, Ohio, Assistance with School Plant Planning Needs, Academic Faculty of Educational Administration (R. O. Nystrand), 1 August 1978 through 30 September 1978. (Project 761383 - New)

\$2,500.00 - National Alliance of Businessmen, Columbus Metro, Columbus, Ohio, Career Guidance Institute, Academic Faculty of Special Services (H. J. Peters), 1 September 1978 through 31 December 1978. (Project 761366 - Continuation)

\$1,720.00 - Thomas Buffington and Associates, Washington, D. C., Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 1 October 1978 through 31 October 1978. (Project 768010 - New)

\$1,000.00 - American Cancer Society - Ohio Division, Inc., Columbus, Ohio, Detection of Tumor Associated Antigens (TAA) in Urine, Department of Medical Microbiology (J. H. Hughes), 1 July 1978 through 30 June 1979. (Project 760562 - Continuation)

\$660.00 - Commonwealth of Puerto Rico, Department of Education, Hato Rey, Puerto Rico, Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 1 October 1978 through 30 November 1978. (Project 768012 - New)

\$600.00 - The Northern Institute for Research, Training and Development, Inc., Anchorage, Alaska, Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 28 September 1978 through 31 October 1978. (Project 768006 - New)

\$533.00 - Virginia Polytechnic Institute and State University, Division of Vocational and Technical Education, Blacksburg, Virginia, Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 1 November 1978 through 30 November 1978. (Project 768011 - New)

\$450.00 - The University of Nebraska, Lincoln, Nebraska, Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 8 September 1978 through 31 December 1978. (Project 768008 - New)

**TOTAL - INDUSTRIAL, PRIVATE AND OTHER
NON-FEDERAL RESEARCH CONTRACTS/GRANTS \$ 359,215.01**

December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$111,911.20 - Estate of Edna Smith Eakin, Lake Worth, Florida, for the Edna Smith Eakin Memorial Loan Fund.

\$61,500.00 - The Yassenoff Foundation, Inc., Columbus, Ohio: \$25,000.00 for the Leo Yassenoff Chair of Jewish Philosophy; \$20,000.00 for the University Activities Center; \$7,500.00 for the Student Athlete Grant-In-Aid Fund; \$1,000.00 for the College of Education Dean's Discretionary Fund; \$1,000.00 for the Graduate School Special Fund; \$1,000.00 for the Dean's Education and Research Fund-Veterinary Medicine; \$1,000.00 for the College of Dentistry Advancement Fund; \$1,000.00 for the Social and Behavioral Sciences Support Fund; \$1,000.00 for the Arts and Sciences Vice Provost Discretionary Fund; \$1,000.00 for the College of Mathematical and Physical Sciences Dean's Emergency Fund; \$1,000.00 for the Friends of WOSU Endowment Fund, \$500.00 for the College of Law Student Financial Aid Fund; and \$500.00 for the College of Law Advancement Fund.

\$55,948.00 - Trust Under the Will of Glenna R. Joyce, Columbus, Ohio, for the Glenna R. Joyce Scholarship Fund.

\$25,962.26 - Louise Orr Scott Foundation, Columbus, Ohio: \$19,471.70 for the William Craig Orr and Mary Black Orr Scholarship in Medicine and \$6,490.56 for the William Craig Orr and Mary Black Orr Scholarship in Pharmacy.

\$25,048.28 - Medicine Associates, Columbus, Ohio, for the Department of Medicine General Fund.

\$22,500.00 - Shell Companies Foundation, Houston, Texas: \$7,500.00 for the Shell Companies Foundation Fund for Electrical Engineering; \$7,500.00 for the Shell Companies Foundation Fund for Metallurgical Engineering; and \$7,500.00 for the Shell Companies Foundation Fund for Chemical Engineering.

\$20,000.00 - Eastman Kodak Company, Rochester, New York: \$10,000.00 for the Eastman Kodak Company Fund in Chemistry and \$10,000.00 for the Eastman Kodak Research Grant for support of research in the Department of Metallurgical Engineering.

\$20,000.00 - Lybrand Foundation, Columbus, Ohio, for the Coopers and Lybrand Accounting Fund.

\$19,515.51 - Estate of Margaretta F. Brown, Columbus, Ohio, for the College of Medicine Progress Fund.

\$18,531.77 - Department of Medicine Associates, Columbus, Ohio: \$17,289.98 for the Department of Medicine General Fund and \$1,241.79 for the Pulmonary and Respiratory Care Research Fund.

December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$18,112.09 - Frederick H. Davidorf, M.D., Inc. (given in the name of Frederick H. Davidorf), Columbus, Ohio: \$12,064.41 for the Retina Research Fund; \$3,547.68 for the Ophthalmology Photography Fund; and \$2,500.00 for the Ophthalmology Art Work Fund.

\$15,548.13 - Systems Associates, Columbus, Ohio: \$8,938.47 for the Cardiology Support Fund and \$6,609.66 for the Department of Medicine General Fund.

\$14,625.00 - Grange Mutual Casualty Company, Columbus, Ohio, for the John Conrad Haaf Memorial Scholarship Fund.

\$13,032.00 - The Ohio Electric Utility Institute, Columbus, Ohio, for the Ohio Electric Utility Institute Fellowship Fund.

\$12,000.00 - Hoffmann-LaRoche, Inc., Nutley, New Jersey, for the Hoffmann-LaRoche, Inc., Research Fund.

\$11,053.74 - University Eye Surgeons, Inc., Columbus, Ohio, for the Eye Bank Fund.

\$10,818.00 - Dr. Melvin S. Newman, Columbus, Ohio, for the M. S. Newman Professorship of Chemistry.

\$10,078.13 - Foundation for Endowment of a Chair, New York, New York, for the Meshulam Riklis Chair in Business and Its Environment Fund.

\$10,000.00 - Crutcher Resources Corporation, Houston, Texas, for Crutcher Resources Fund to support graduate research in the Department of Welding Engineering.

\$10,000.00 - Eaton Corporation, Cleveland, Ohio, for the Alliance with Industry Fund.

\$7,800.00 - Amoco Foundation, Inc., Chicago, Illinois: \$6,500.00 for the Amoco Foundation, Inc., Fellowship Fund for Chemical Engineering; \$1,000.00 for their Scholarship Fund in Geology; and \$300.00 for the Department of Geology Support Fund.

\$7,635.00 - The Edward Orton, Jr., Ceramic Foundation, Columbus, Ohio, for the John L. Carruthers Fellowship in Ceramic Engineering.

\$7,500.00 - Buckeye Potato Chip Co., Inc., Columbus, Ohio (given in the name of Rita J. Sabatino), for the Student Athlete Grant-In-Aid Fund.

\$6,585.00 - Dragon Productions, London, England, for the Infectious Disease Research Fund.

December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$6,500.00 - The Standard Oil Company, Cleveland, Ohio: \$4,000.00 for the Sohio Chemical Engineering Fund and \$2,500.00 for the Affirmative Action Program in Engineering.

\$6,419.35 - Grace and Carl Baldwin Trust, Columbus, Ohio, for the Carl M. and Grace C. Baldwin Eye Care Fund.

\$6,000.00 - Union Carbide Corporation, New York, New York: \$5,000.00 for the Union Carbide Corporation Fellowship and Grant-In-Aid Fund in Chemical Engineering and \$1,000.00 for the Affirmative Action Program in Engineering.

\$5,964.93 - Melvin E. Moffitt Estate, San Antonio, Texas, for the Melvin E. Moffitt Memorial Fund.

\$5,543.25 - Mrs. Marion T. Colwill, Lutherville, Maryland, for Parkinson's Disease Research.

\$5,000.00 - Alcoa Foundation, Pittsburgh, Pennsylvania, for the Alcoa Foundation-Begley Research Fund in the Department of Metallurgical Engineering.

\$5,000.00 - The Allstate Foundation, Hudson, Ohio, for the Allstate Foundation Nursing Scholarship Program.

\$5,000.00 - Bertha A. Bouroncle, M.D., Columbus, Ohio, for Dr. Bouroncle's Blood Research Fund.

\$5,000.00 - Ciba-Geigy Corporation, Greensboro, North Carolina, for the Agronomy Weed Research Fund.

\$5,000.00 - Monsanto Company, St. Louis, Missouri: \$3,000.00 for the Monsanto Aid to Education Chemical Engineering Fund and \$2,000.00 for the Monsanto Fund for Chemistry.

\$5,000.00 - Nationwide Mutual Insurance Company, Columbus, Ohio, for the John W. Galbreath Chair in Real Estate.

\$5,000.00 - Schering Corporation, Kenilworth, New Jersey, for the Comparative Ophthalmology Veterinary Medicine Fund.

\$5,000.00 - University Urology, Inc., Columbus, Ohio (given in the names of Chester C. Winter, M.D., James H. Nelson, III, M.D. and Henry A. Wise, II, M.D.): \$3,000.00 for the Urology Education Fund and \$2,000.00 for the Urology Development Fund.

\$5,000.00 - Yoder Brothers, Inc., Barberton, Ohio, for the D. C. Kiplinger Chair in Floriculture.

December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds

The M. H. Brown Family Endowed Scholarship Fund

The M. H. Brown Family Endowed Scholarship Fund was established December 7, 1978, in accordance with the proposal from the Brown Family, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Merritt H. Brown individually; Merritt H. Brown in honor of his wife, Helen Brown; Merritt H. Brown in honor of William J. Sitterley; and Merritt H. Brown in honor of John M. Lester, all of Lancaster, 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 for College of Agriculture students, with first preference going to Fairfield County students. The selection of the recipient(s) is to be made by the University Committee on Student Financial Aids with recommendations from the Advisors of Fairfield County Chapters of FFA (Future Farmers of America).

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 Agriculture.

The Josef N. Knull Memorial Fund in Entomology

The Josef N. Knull Memorial Fund in Entomology was established December 7, 1978, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Dorothy J. Knull, Ph.D. '35, in memory of her husband, Josef N. Knull.

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

The annual income is to be used for the publication of occasional systematic papers in entomology through the Department of Entomology. Both the interest and principal shall be made available as needed. Requisitions for funds will be approved by the Chairman of the Department of Entomology in cooperation with the Dean of the College of Biological Sciences.

Should the need for the 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 entomology education.

December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Friends of WOSU Endowment Fund

The Friends of WOSU Endowment Fund was established December 7, 1978, by the Board of Trustees of the University, with gifts from BancOhio/Ohio National Bank, City National Bank & Trust Company, Edgar W. Ingram Foundation, Ohio College Library Center, WBNS-TV and Yassenoff Foundation, Incorporated, all of Columbus.

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

The annual income is to be used to satisfy any need of the WOSU/AM, WOSU/FM or WOSU/TV stations as determined by the director of the University's Telecommunications Center with advice and counsel from the Board of Governors of the Friends of WOSU.

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 official of the University who is then directly responsible for the Telecommunications Center.

Paul C. and Sarah M. Smith Scholarship Fund

The Paul C. and Sarah M. Smith Scholarship Fund was established December 7, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Paul C. Smith, B.S.Arch. '54, and Sarah Miller Smith, B.S.Ed. '51, M.A. '53, Ph.D. '78, 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, with right to invest and reinvest as occasion dictates.

The income is to be used to provide scholarship assistance to one or more undergraduate students actively participating in varsity cheerleading. Students who have demonstrated academic ability and the need for financial assistance should receive first consideration. Selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of the Director of Athletics. If in any year there are no applicants for this award, the income may be used at the discretion of the Director of Athletics for cheerleading purposes.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used by the School of Architecture to provide scholarship assistance to one or more undergraduate students who have demonstrated academic ability and the need for financial assistance.

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December 7, 1978 meeting, Board of Trustees

EASEMENT - THE OHIO BELL TELEPHONE COMPANY

Resolution No. 79-76

Synopsis: Easement for The Ohio Bell Telephone Company is requested.

WHEREAS the University has received a request from The Ohio Bell Telephone Company for an easement for the purpose of installing an underground communication system; said installation to be constructed within the limits of a 10-foot by 50-foot strip of land located south of Kinnear Road near The Ohio State University Food Facility; and

WHEREAS the appropriate University agencies have recommended that said easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Director of Public Works, 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 the easement.

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

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**ESTABLISHMENT OF A FEE AUTHORIZATION PROGRAM
FOR FACULTY/STAFF DEPENDENTS**

Resolution No. 79-77

Synopsis: Establishment of a Fee Authorization Program for Faculty/Staff Dependents is being proposed.

WHEREAS the Board of Trustees at the April 7, 1978 meeting authorized the employment of a benefits consultant to examine and to provide a comprehensive evaluation of the University's benefits program; and

WHEREAS the consultants have submitted to the University their report, which has been reviewed by the administration as well as the Faculty Compensation and Benefits Committee; and

WHEREAS in the overall assessment contained in this report, the broad areas of program coverage are judged to be adequate, there were several areas noted, including the matter of fee authorization for dependents of faculty/staff, which were recommended for further review and possible program improvements; and

December 7, 1978 meeting, Board of Trustees

**ESTABLISHMENT OF A FEE AUTHORIZATION PROGRAM
FOR FACULTY/STAFF DEPENDENTS (contd)**

WHEREAS it has been concluded on the basis of this study as well as on the basis of previous reports and program assessments that the implementation of a fee authorization program would strengthen the University's benefits program:

NOW THEREFORE

BE IT RESOLVED, That this Board approves the recommendation of the administration for the establishment of a Fee Authorization Program for Faculty/Staff Dependents with a date of implementation of Summer Quarter, 1979.

Upon motion of Dr. Jacob, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

**FEE AUTHORIZATION PROGRAM FOR FACULTY/STAFF DEPENDENTS
POLICY GUIDELINES**

The Fee Authorization Program at The Ohio State University is an educational assistance program for spouses and dependent children of eligible faculty and staff members. Eligibility for participation in this program by spouses and dependent children is based on the employment status of the faculty/staff members at The Ohio State University. For participating spouses and dependent children, a fee remission will be provided for one-half of the total Instructional and General fees charged for enrollment in credit courses. Participants may enroll in undergraduate, graduate, or professional degree-granting programs; however, in no event shall the amount of this remission exceed 50 percent of the undergraduate-level Instructional and General fees for full-time students. An eligible spouse and each dependent child may participate in the program for a total period not to exceed twelve quarters of registration.

Policy Guidelines

A. Eligibility of the Faculty/Staff Member

For spouses or dependent children to be eligible for participation in this program, a faculty/staff member must:

- Be a tenured faculty member holding an appointment for 50 percent or more of time; or
- Hold a regular faculty appointment as Associate Professor, Assistant Professor, or Instructor for 50 percent or more time and have at least three years of continuous service* with the University; or
- Be a Principal Administrative Officer or Senior Administrative and Professional Staff member holding a regular appointment for 50 percent or more time in Pay Range 69 or above; or

*For purposes of this program, continuous service is defined as employment as a regular faculty or staff member at The Ohio State University.

December 7, 1978 meeting, Board of Trustees

**FEE AUTHORIZATION PROGRAM FOR FACULTY/STAFF DEPENDENTS
POLICY GUIDELINES (contd)**

- Be a Senior Administrative and Professional, Unclassified Professional Staff or Classified Civil Service employee regularly employed for 50 percent or more time with at least three years of continuous service* with the University.
- B. Eligibility of Spouses and Dependent Children
- For purposes of this program, "children" shall include: (1) natural born or adopted children or the natural born or adopted children of a spouse who are considered dependents of the eligible faculty/staff member for Federal Income Tax purposes; and (2) foster children who have been supported and have lived in the home of an eligible faculty/staff member for at least five years and who are considered dependents for Federal Income Tax purposes.
 - Students participating in this program are required to maintain an academic record meeting the minimum standards of progress required for University financial aid recipients.
 - Spouses and dependent children employed by the University in any capacity other than as student-employees or receiving aid under any educational grant, aid program, fellowship, scholarship, providing fee reimbursement administered by the University are not eligible for participation in the Fee Authorization Program.
- C. Changes in Individual Employment Status

In the event of total disability or death of the faculty/staff member, each participating (enrolled) spouse/dependent child retains program eligibility for the balance of the twelve quarters of eligibility.

If a reduction in force results in an appointment for less than 50 percent time or the termination of the faculty/staff member's appointment, or if the faculty/staff member is granted a leave of absence without pay, eligibility is continued for one full quarter beyond the date of the change in status. In the event of any other termination of active service with the University, fee authorization benefits cease immediately.

D. Application

Application for Fee Authorization must be made at least 60 days prior to the first day of classes on a form available from the Office of Personnel Services.

E. Implementation

The President and/or the Vice President for Personnel Services is hereby authorized and directed to develop implementation guidelines for a Faculty/Staff Spouse and Dependent Children's Fee Authorization Program. The effective date of program implementation shall be Summer Quarter, 1979.

*For purposes of this program, continuous service is defined as employment as a regular faculty or staff member at The Ohio State University.

December 7, 1978 meeting, Board of Trustees

MODIFICATION OF MASTER PLAN FOR DON SCOTT FIELD

Resolution No. 79-78

Synopsis: Modification of Master Plan for Don Scott Field is being proposed.

WHEREAS the Board of Trustees on January 13, 1961, adopted a Master Plan for Don Scott Field which was subsequently modified on February 4, 1972; and

WHEREAS the Master Plan for Don Scott Field requires further modification to accommodate Federal Airport Development Aid Program regulations which provides much needed funding for the operation of the Airport; and

WHEREAS Raiké Associates, Inc., was employed to update the Campus Master Plan which includes the Master Plan for Don Scott Field; and

WHEREAS following approximately two years of study the Master Plan for Don Scott Field has been revised and is submitted through the Office of Campus Planning and Space Utilization; and

WHEREAS this modification incorporates the projected activity levels and the facilities to support the projected activity levels:

NOW THEREFORE

BE IT RESOLVED, That the proposal from the Office of Campus Planning and Space Utilization for the modification of the Master Plan for Don Scott Field be approved.

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

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PRESIDENT ENARSON'S RETIREMENT BENEFITS

Resolution No. 79-79

Synopsis: Purchase of retirement benefits for President Harold L. Enarson 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 President Harold L. Enarson qualifies under this law for the purchase of additional years of such credit from State Teachers Retirement System of Ohio beyond that previously purchased; and

WHEREAS this Board of Trustees wishes to assure the University of Harold L. Enarson's services beyond the term of his present contract:

December 7, 1978 meeting, Board of Trustees

PRESIDENT ENARSON'S RETIREMENT BENEFITS (contd)

NOW THEREFORE

BE IT RESOLVED, That:

- (1) the existing employment contract entered into between The Ohio State University and Harold L. Enarson pursuant to Board Resolution No. 78-67, adopted on December 8, 1977, be cancelled effective the end of 1978;
- (2) a new employment contract for the term January 1, 1979 through September 30, 1980, be issued to him at his present salary of \$55,000 per annum, subject to the sufficiency of legislative appropriations to the University and to upward adjustment when permitted by law;
- (3) the Personnel Committee 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 Harold L. Enarson from unrestricted monies received by the University pursuant to Section 3345.16 of the Ohio Revised Code, within the constraints of President Carter's guidelines.

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

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**NEGOTIATIONS FOR THE LEASE OF LAND AT THE DON SCOTT AIRFIELD
GIFT OF AIRCRAFT HANGARS**

Resolution No. 79-80

Synopsis: Negotiations for the lease of land at the Don Scott Airfield and gift of aircraft hangars is proposed.

WHEREAS the State of Ohio, for the use of The Ohio State University, has title to various parcels of land at the Don Scott Airfield, located in the City of Columbus, Franklin County, Ohio; and

WHEREAS several private corporations separately have expressed interest in leasing portions of said land for a term of not more than 25 years for the sole purpose of constructing aircraft hangar facilities for housing their aircraft and maintaining office and shop space, with the facilities to be donated to The Ohio State University through the Development Fund at the termination of each lease; and

WHEREAS it has been determined that the leasing of such land for the construction and operation of aircraft hangar facilities will not interfere with current or anticipated future operation of Don Scott Airfield or the use of adjacent University land; and

December 7, 1978 meeting, Board of Trustees

**NEGOTIATIONS FOR THE LEASE OF LAND AT THE DON SCOTT AIRFIELD
GIFT OF AIRCRAFT HANGARS (contd)**

WHEREAS it has been determined that accepting the gift of the resulting hangar facilities at the termination of such leases would be 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 negotiate and sign, on behalf of the University, such leases with any interested corporation and to request the Ohio Department of Administrative Services, Division of Public Works, to act for and on behalf of the University in completing the legal instruments required to provide for said leases; and

BE IT FURTHER RESOLVED, That the resulting hangar facilities be accepted as gifts to the University through the Development Fund and that the President and/or Vice President for Business and Administration be authorized to acquire title to such facilities.

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

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 79-81

RESOLVED, That the report on the University's Investment Portfolio dated November 17, 1978, 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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COMMENTS - PRESIDENT ENARSON

Fee Authorization or Tuition Remission Plan

President Enarson:

For the benefit of those who were not here for the Fiscal Affairs this morning, the committee did spend considerable time on this matter of the so-called fee authorization or tuition remission plan and I simply want to take this opportunity, Mr. Chairman and members of the Board, to thank Dr. Jim Garland and his associates on the Faculty Compensation and Benefits Committee, for pursuing in a very thoughtful way the faculty goal of a plan along these lines. We've worked together in a constructive way in the past two years, we've shaped up a program here, which I think it is fair to say, doesn't look anything like what many of us were thinking about the first time we looked at it. I think it's a very forward looking fringe benefit and I'm hopeful that it's so regarded by the faculty and staff.

December 7, 1978 meeting, Board of Trustees

COMMENTS - PRESIDENT ENARSON (contd)

Sportsmanship in Intercollegiate Athletics

President Enarson: (contd)

The second item goes to sportsmanship in intercollegiate athletics. It's impossible for any of us to really ever get the full grasp of initiatives of all kinds under way in this University, but I do like to remind the Board from time to time that there are real live students out there and real live faculty members out there. About a year ago, yes, a year ago, a year and a month ago following the Michigan/OSU game, I thought sportsmanship had deteriorated to a frightening level. My colleague and I, Bob Fleming from the University of Michigan, brought to the Council of Ten the topic of sportsmanship in intercollegiate basketball and football. We discovered somewhat to our surprise that the problems which seem to be afflicting this big-name contest were present on all of the Big Ten universities and, indeed, what we were seeing around the country was the steady erosion of those habits of good sportsmanship which we, at one time, thought were, in a large part, the rationale for intercollegiate sports. We decided to turn this around and we instructed Wayne Duke to organize some kind of a program to visit each institution to meet with key people including student leaders and to see what could be done. I think it is fair to say that Wayne Duke, when he visited here, found more encouragement, more support and more initiative than he found on perhaps any other campus. He said this to me several weeks ago just in passing and I said, 'Write me a note because we don't do enough of thanking people in this busy life of ours,' and I'd like to read this note from Wayne Duke:

Dear Harold:

This is to follow up our conversation Saturday in the press box concerning the activities of the Ohio Staters in conjunction with Conference efforts to improve sportsmanship at athletic contests.

Without question, the efforts of the Ohio Staters and the Ohio State Sportsmanship Steering Committee have far exceeded those of any other Conference institution. I have been most impressed with the ingenuity and follow through of this group.

Should there be any type of campus honor which might be bestowed on this group, I would heartily recommend that the persons responsible, particularly Alan Veatch, be nominated for such.

I know of no other efforts anywhere in the country paralleling these and I plan to direct attention to the Ohio State program in my report to the Council of Ten and to others.

In this connection I thought I had tracked these efforts fairly well during the year. I was aware, as we all were, of a number of activities, but it wasn't until I breakfasted with the Ohio Staters and persons from other organizations who have been associated with this effort that I realized the full extent of the hard work and the dedication and the creative imagination that had been given to this enterprise and I came away from that breakfast, as I do with all student breakfasts, enormously heartened and I just want to say to the Board, and through the Board to the public, that you can be very proud of what Ohio Staters have done.

December 7, 1978 meeting, Board of Trustees

COMMENTS - PRESIDENT ENARSON (contd)

Sportsmanship in Intercollegiate Athletics (contd)

President Enarson: (contd)

Is Alan Veatch here? Alan, you and Holly Stefanyk, would you stand up so that the Board can see you? These are the two young people who spearheaded this. Of course, I don't dare ask what happened to their grade point average, but I just did want to bring that to your attention.

Dr. Sirak: Well, I'm glad you did.

Dr. Jacob:

I'd like to add that I was part of what I thought was the low point of my athletic viewing career November of 1977 at Ann Arbor and I really feel that this is absolutely essential that something of this type got under way and when I heard that it was getting under way, I was happy that something was moving forward, but yet a little bit concerned about what exactly might be the result. I think the results have been very good and it certainly points up again what our student body can do and the student body leaders can do when they get motivated toward a specific goal. I would certainly like to add personal thanks to this because that day in Ann Arbor last year was probably the last day I ever want to visit Ann Arbor just because of a dreadful experience up there and I would hope that people that visit our campus under similar circumstances in the future don't ever have to go through that.

Dr. Sirak:

Well, I was with Jack Gushman at that meeting and in the presence of our wives, I can say that I certainly was very proud of our University, but I hate to have to see that kind of a performance to bring forth a prideful feeling.

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RESOLUTION OF GRATITUDE TO JOHN GUSHMAN

Resolution No. 79-82

Dr. Sirak:

Before closing this meeting, I wish to make some brief remarks about our former trustee, John Gushman, who recently resigned from this Board. I want to depict as best I can in words (and others can do it better than I) what a great job he did during the 8½ years he was Trustee. Many of you were here for many of those years as well. I am sure that you all will concur when I say that Jack was very dedicated to this University and to this Board. He was enabled to make fine contributions by reason of his fine mind, his integrity and his great experience in business and in other areas of our society. He always had a very objective view of the issues that came before us, and he had the strength and courage of his convictions.

December 7, 1978 meeting, Board of Trustees

RESOLUTION OF GRATITUDE TO JOHN GUSHMAN (contd)

Dr. Sirak: (contd)

I personally will miss him for these reasons and also because I regarded him as a close personal friend. I learned a great deal from being associated with him on the Board of Trustees. I know that I speak for all of you when I wish him well in his relocation in Florida and I am sure that he will be coming back to Columbus often and that we will see him when he does.

I make this in the form of a resolution of gratitude to John Gushman for his service to the Board and to the University.

Mr. Devenow: I second it, Mr. Chairman.

The foregoing resolution was adopted by unanimous voice vote.

Mrs. James:

I think that we ought not to forget Tig, because I think that Tig was as dedicated and devoted to the University as Jack was, in her own way. I certainly will miss Jack and Tig because it was always pleasant to be together with them and to share both their enthusiasm for what we were trying to do and the University in general, so don't forget Tig.

Dr. Sirak:

Okay, is that in the form of a resolution, I'll second it. It has been moved and seconded and I'm sure it's all passed.

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**MR. JOHN HAVENS COMMENTS ON PROPERTY
SURROUNDING DON SCOTT FIELD**

Mr. Havens:

Now that we have looked at the Master Plan for Don Scott, it seems to me that we have a lot of excess land up there that we are not using for aircraft or school purposes. I think we ought to do something about the future planning of that land. I would like to have you consider having the Administration develop some plan for what that land is going to be used for in the future. I don't see any reason why we should be sitting here year after year doing nothing with it. What is going to be the future of it? We do not own all of those parcels surrounding it; I'm not saying we should, but I think we ought to get working on the future and what we are going to do out there.

Dr. Sirak: That's a good point.

December 7, 1978 meeting, Board of Trustees

**MR. JOHN HAVENS COMMENTS ON PROPERTY
SURROUNDING DON SCOTT FIELD (contd)**

President Enarson:

Well, very briefly, the thrust of our recommendation this morning on the master plan was that we continue to address these problems one after another and we look not only at that parcel, but we look at other parcels as well. And in this connection I would hope that this University would move with considerable caution. I note with some rye amusement that a number of major universities are now investing their endowment in real estate. I also note with extreme interest that the value of farm land doubled in the last five years. I doubt if any other investment the University has has shown a greater promise of reward than the holding of land. That is not to say that we should just hold land because it might escalate in value. It is to say that we should look at our land, parcel by parcel, and I fully concur in your point that we don't want to have land for which we have no known plan and no known purpose. We're going to work on it.

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Thereupon the Board adjourned to meet Friday, February 2, 1979, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

Howard D. Sirak
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND FORTY-FOURTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, February 2, 1979

The Board of Trustees met at its regular monthly meeting on Friday, February 2, 1979, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Howard D. Sirak, Chairman, Patricia D. James, Chester Devenow, John D. Jacob, D. James Hilliker, John F. Havens and Daniel M. Galbreath.

* * *

Minutes of the last meeting were approved.

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February 2, 1979 meeting, Board of Trustees

The Chairman, Dr. Sirak, called the meeting of the Board of Trustees to order at 11:30 a.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering disputes involving the University that are the subject of imminent court action.

Present: Howard D. Sirak, Chairman, Patricia D. James, Chester Devenow, John D. Jacob, D. James Hilliker, John F. Havens, and Daniel M. Galbreath.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

RESOLUTIONS IN MEMORIAM

Resolution No. 79-83

Synopsis: Resolutions honoring the service of three of this 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.

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

Clifton E. Mack

The Board of Trustees of The Ohio State University expresses its sorrow upon the death December 2, 1978 of Dr. Clifton E. Mack, Associate Professor Emeritus in the Division of Continuing Education, College of Administrative Science.

Professor Mack came to The Ohio State University in October, 1958 to serve as Chairman of the Procurement and Production Department at the Air Force School of Systems and Logistics, Wright-Patterson Air Force Base, Ohio, under a contractual arrangement between the University and the Air Force. He served as Assistant Director and later as Associate Director of the Defense Management Center, Continuing Education Division, College of Administrative Science, until his retirement in 1969.

Dr. Mack, who was recognized nationally as an authority in the field of government procurement, had a distinguished career of public service both as educator and administrator. He was Director, Bureau of Federal Supply, Treasury Department, and later Commissioner of Federal Supply in the successor agency, the General Services Administration, both central procurement agencies for the U. S. Government. He received the Presidential Medal of Merit for his supervision of government procurement programs during World War II.

February 2, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Clifton E. Mack (contd)

He was a committed scholar in the field of procurement in government at local, national and international levels. He served as a consulting editor in Contract Law for McGraw-Hill Publishing Company and also for the International Division of that same company. He was a member of the Planning Council of the Purchasing Division of the American Management Association and served as an educational consultant in procurement for various organizations including the public administration division of the United Nations staff. He served as Adjunct Professor, School of Public Affairs, American University.

Professor Mack received his undergraduate education in Accounting at Bryant and Stratton College in Boston. He received the LL.B. degree from Suffolk Law School in 1927. He was awarded the honorary doctorate of L.H.D. by Denison University in 1964.

An Army aviator and veteran of World War I, he was a charter member of the Aviation Hall of Fame. He was a charter member of Daedalians.

On behalf of the University community, the Board of Trustees expresses to the family of Clifton E. Mack 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 his family as a sincere expression of sympathy and respect.

Philip A. Tripp

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 21, 1978 of Philip A. Tripp, Professor of Education, Academic Faculty of Special Services, College of Education. He joined the University faculty as Professor in 1969.

Dr. Tripp was a mentor to his students, to other faculty in the field of Student Personnel Work, and to members of the professional associations to which he belonged. Committed deeply to the concept of community, Dr. Tripp impressed upon his colleagues the larger meanings of professional behavior and was heralded as a scholar who was able to address emerging issues with approaches rich in their reason of the human potential. He was imbued with a sense of history and had a clear and persuasive understanding of his role in the stream of events.

While at Ohio State, Dr. Tripp served in the Student Personnel Work in Higher Education academic program. He had special talents in being able to address successfully both the beginning graduate student and those at the dissertation stage and was responsible for developing relationships between scholarship and practice situations.

Born in Cleveland on April 1, 1918, he spent his childhood years in Ohio and was graduated from Lakewood High School.

Dr. Tripp received his Bachelor's degree from Ohio University and his Master's and Doctor of Philosophy degrees from the University of Chicago.

February 2, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Philip A. Tripp (contd)

Before joining the faculty of The Ohio State University, he taught creative writing at Shimer College, was the Dean of Students at Washburn University, served as Research and Program Specialist in Higher Education for the U. S. Office of Education, and was the Vice President for Student Affairs at Georgetown University.

Dr. Tripp held membership in the American College Personnel Association, having served on its Executive Council; the American Personnel and Guidance Association, with duties as Senator; the American Association for Higher Education; the National Association of Student Personnel Administrators; and the Association for the Study of Higher Education. Dr. Tripp was very active in association work, served on many task forces, and acted as referee for professional publications.

On behalf of the University, the Board of Trustees expresses to the family its deepest 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.

W. Hayes Yeager

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 14, 1978, of Willard Hayes Yeager, Professor Emeritus, Department of Communication. Professor Yeager was Chairman of the Department of Speech and Theatre at Ohio State for twenty-three years, before his retirement in 1968. Earlier in his career he taught an additional four years at Ohio State.

A nationally known teacher and scholar, Professor Yeager authored eight volumes on public speaking, one of which went through six editions. Additionally, he wrote numerous monographs. He held several administrative positions in professional organizations, including the presidency of the Speech Association of America in 1941.

While at Ohio State, Professor Yeager succeeded in putting together one of the largest programs of speech education in the United States.

Professor Yeager earned the B.A. and M.A. degrees at The Ohio State University, and received the LL.D. degree from Morris Harvey College.

Apart from his tenure as a Professor at The Ohio State University, he taught in the public schools of Mingo Junction, Ohio, and Parkersburg, West Virginia, served as an Associate at the University of Illinois, and as Executive Officer of the Department of Speech at George Washington University.

Professor Yeager held memberships in the Speech Association of the Eastern States, the Speech Association of the Central States, and the Speech Association of America. He also was a member of the Drama Guild and of the Cosmos Club in Washington, D. C.

February 2, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

W. Hayes Yeager (contd)

On behalf of the University, the Board of Trustees expresses to the family its deepest 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.

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**ADDITION OF NEW RULE 3335-9-321 AND AMENDMENT OF
RULE 3335-3-22 OF THE ADMINISTRATIVE CODE**

Resolution No. 79-84

Synopsis: Approval of addition of rule 3335-9-321 and amendment of rule 3335-3-22 of the Administrative Code is being proposed.

WHEREAS the University Senate pursuant to rule 3335-1-08 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of additions and amendments to *Rules of the University Faculty* as approved by the University Senate:

3335-9-321 Requirements for a certificate of study.

Sets up a guide for the establishment and maintenance of programs leading to a certificate.

3335-3-22 Council of deans.

Gives the provost flexibility to choose the official in his office to act as secretary to the council.

NOW THEREFORE

BE IT RESOLVED, That the foregoing addition and amendment to *Rules of the University Faculty*, as approved by the University Senate on November 18, 1978, be adopted by the Board of Trustees for inclusion in the next publication of the *Rules of the University Faculty*.

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

3335-9-321 Requirements for certificate of study.

A certificate of study may be awarded concurrent with or following the student's receipt of a baccalaureate degree. Award of such certificates shall attest to demonstrated competence in a coherent academic curriculum, program or area of study.

February 2, 1979 meeting, Board of Trustees

**ADDITION OF NEW RULE 3335-9-321 AND AMENDMENT OF
RULE 3335-3-22 OF THE ADMINISTRATIVE CODE (contd)**

- (A) To obtain a certificate a student must:
- (1) Have been or be enrolled in the university during the last quarter of work necessary to complete the certificate requirement. In addition, the student must meet any residency requirement established by the college, the colleges of the arts and sciences, or the school recommending the certificate.
 - (2) Have earned through regular course enrollment a minimum of forty-five quarter hours credit in an approved certificate program. No certificate program shall require enrollment in and credit for more than ninety quarter hours. At least one-third of all quarter hours credit earned in a certificate program shall be at the 500-level or above. No more than five credit hours in the certificate program may be counted toward the student's undergraduate major or minor. Credit hours used to fulfill the requirements for one certificate may not be counted toward any other certificate.
 - (3) Have earned the mark of "A," "A-," "B+," "B," "B-," "C+," "C," or "C-" for all courses counted toward completion of the certificate requirements.
 - (4) Have attained an undergraduate cumulative grade point average of 2.00 (or a graduate cumulative grade point average of 3.00, as appropriate) in courses used to satisfy the certificate program requirements.
 - (5) Have satisfactorily met all additional college or school requirements for the certificate involved.
 - (6) Have filed an application for the certificate in accordance with rules prescribed by the college, colleges of the arts and sciences, or school.
- (B) Waiver of any part of this rule in the case of individual students may be made only by the council on academic affairs upon recommendation of the executive committee of the college, colleges, or school. The provost shall transmit all affirmative actions of the council under this section to the secretary of the student's enrollment unit and to the director of registration, records and scheduling for notation on the student's permanent record.
- (C) The colleges of dentistry, law, medicine, optometry, and veterinary medicine, and the graduate school may establish requirements and conditions, rather than those above, for certificates of study. Such requirements must be approved by the council on academic affairs.
- (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 graduate council. The president of the university and the university senate shall be regularly informed of council actions in this regard. (B/T 2/2/79)

February 2, 1979 meeting, Board of Trustees

**ADDITION OF NEW RULE 3335-9-321 AND AMENDMENT OF
RULE 3335-3-22 OF THE ADMINISTRATIVE CODE (contd)**

3335-3-22 Council of deans.*

- (A) The president of the university, the provost, the deans of the colleges, the associate provost for instruction, the vice provost for research and dean of the graduate school, and the vice provost for arts and sciences shall comprise the council of deans of the university. The president shall be chairman of the council, the provost shall be vice chairman, and the provost's designee shall serve as secretary. In the temporary absence of the president, the duties of the presiding officer shall be assumed by the provost.
- (B) The council of deans shall meet on the call of the chairman. The council of deans shall serve as an advisory council to the president. (B/T 10/5/73, B/T 2/2/79)

*Rule initiated by board of trustees.

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BUDGET SUMMARY (SECOND QUARTER 1978-79)

Resolution No. 79-85

Synopsis: Second Quarter Budget Summary, 1978-79 is presented for review and acceptance.

This Budget Summary for the second quarter, 1978-79 contains revised estimates of resource and expenditure projections as actual data have become available. Increases have been made to the Unrestricted Funds estimates of the Columbus campus to reflect the full funding of instructional subsidy earnings beyond those appropriated in Sub. H.B. 191. In 1977-79, such earnings beyond the original appropriation were funded at 23 per cent of the subsidy model levels. The University's budget for 1978-79 was created assuming that same 23 per cent factor for what is termed "overearnings" based on enrollments above the State's projected level. This revision also contains a higher estimate of the level of state funding for the pay bill implemented earlier this year. Minor revisions in the Restricted Funds estimates reflect changes in spending patterns from those anticipated earlier this year.

WHEREAS the second quarter report of the 1978-79 Current Funds Budget, covering the period July through December, 1978, is presented for review by the Board of Trustees and its income/expense estimates deviate by less than one per cent from the 1978-79 budget approved by the Board in June, 1978; and

WHEREAS the projected income and expenditures of the second quarter report for 1978-79 are balanced:

February 2, 1979 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1978-79 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1978-79
(IN THOUSANDS)

	Budget Approved December 7, 1978	Proposed Revised Budget February 2, 1979
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$144,051	\$144,971
Libraries	8,290	8,362
Other Academic Support	2,598	2,587
Sponsored Programs Administration	2,244	2,244
Student Services	7,781	7,885
Plant Operation	25,265	25,563
Institutional Support	15,318	15,468
Total Instruction and General	\$205,547	\$207,090
Sponsored Research		
Research Foundation	\$ 27,145	\$ 28,230
Engineering Experiment Station	1,883	1,808
University Sponsored Programs	913	916
Other	2,896	3,116
Total Sponsored Research	\$ 32,837	\$ 34,070
Public Service		
University Hospitals	\$ 79,585	\$ 80,100
Cooperative Extension Service	19,235	19,300
University Sponsored Programs	2,419	2,422
Other	16,749	16,472
Conferences	2,380	2,380
Total Public Service	\$120,368	\$120,674
Student Aid	\$ 6,122	\$ 6,122

February 2, 1979 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1978-79 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1978-79
(IN THOUSANDS)

	Budget Approved December 7, 1978	Proposed Revised Budget February 2, 1979
Columbus Campus (contd)		
Auxiliaries		
Student Housing	\$ 19,152	\$ 19,152
Intercollegiate Athletics	8,062	8,062
University Bookstores	4,735	4,735
Student Health Service	2,395	2,395
Student Unions	2,478	2,478
Parking Facilities	2,692	2,692
University Airport	1,751	1,751
Fawcett Center for Tomorrow	1,359	1,359
Other	936	936
Total Auxiliaries	\$ 43,560	\$ 43,560
TOTAL COLUMBUS CAMPUS	\$408,434	\$411,506
Regional Campuses		
Administration	\$ 179	\$ 180
Lima Campus	2,266	2,266
Mansfield Campus	2,287	2,295
Marion Campus	1,348	1,365
Newark Campus	2,084	2,104
Agricultural Technical Institute	2,339	2,381
Wright-Patterson Graduate Center	165	165
Total Regional Campuses	\$ 10,668	\$ 10,756
GRAND TOTAL	\$419,102	\$422,262

February 2, 1979 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1978-79 CURRENT FUNDS BUDGET
SOURCES OF INCOME TO SUPPORT 1978-79 BUDGET
(IN THOUSANDS)

	Estimated Income December 7, 1978	Estimated Income February 2, 1979
Columbus Campus		
Government Appropriations		
State of Ohio	\$140,893	\$142,465
Federal	51,701	53,341
Other	5,820	5,655
Subtotal	\$198,414	\$201,641
Student Fees		
Instruction and General	\$ 58,460	\$ 58,460
Room and Board	16,113	16,113
Other	2,725	2,725
Subtotal	\$ 77,298	\$ 77,298
Other Income		
Auxiliary Sales and Charges	\$ 98,001	\$ 98,566
Department and University Services	17,827	17,827
Endowment Income	2,965	2,995
Gifts and Grants	13,630	12,880
Temporary Investments	2,800	2,800
Subtotal	\$135,223	\$135,068
TOTAL COLUMBUS CAMPUS	\$410,935	\$414,007
Regional Campuses		
Lima Campus	\$ 2,576	\$ 2,601
Mansfield Campus	2,604	2,632
Marion Campus	1,562	1,580
Newark Campus	2,369	2,389
Agricultural Technical Institute	2,505	2,548
Wright-Patterson Graduate Center	165	165
TOTAL REGIONAL CAMPUSES	\$ 11,781	\$ 11,915
GRAND TOTAL	\$422,716	\$425,922

February 2, 1979 meeting, Board of Trustees

BUDGET SUMMARY (SECOND QUARTER 1978-79) (contd)

NOW THEREFORE

BE IT RESOLVED, That the accompanying second quarter budget report be accepted.

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

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PERSONNEL ACTIONS

Resolution No. 79-86

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Resignation of Administrative Official, Other Personnel Action, Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the December 7, 1978 meeting of the Board, including the following Resignation of Administrative Official, Other Personnel Action, Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves and Emeritus Titles, as detailed in the University Budget for 1978-79 be approved.

Resignation of Administrative Official

ALBERT J. KUHN has announced that he will resign as Provost, Office of Academic Affairs, effective June 30, 1979. He will return to full-time teaching in the Department of English.

Other Personnel Action

WAYNE WOODROW HAYES, Head Coach, Major Sports - Football, Department of Athletics, relieved of coaching duties, effective December 30, 1978. His current status with the University is Professor, School of Health, Physical Education and Recreation.

Appointments

Name:	THOMAS B. SMITH
Title:	Acting Vice President
Office:	Business and Administration
Effective:	January 1, 1979
Salary:	\$42,780.00 (12-months)
Present Position:	Associate Vice President, Office of Physical Facilities

February 2, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: EARLE D. BRUCE
Title: Head Coach, Major Sports - Football
Department: Athletics
Effective: January 12, 1979
Salary: \$42,000.00 (12-months)
Present Position: Head Football Coach, Iowa State University, Ames, Iowa

Name: LUTHER M. KEITH, JR.
Titles: Associate Medical Director for Surgical Services, University Hospitals; Professor, Department of Surgery; and Team Physician, Department of Athletics
Effective: January 1, 1979
Salary: \$41,640.00 (12-months)
Present Position: Professor, Department of Surgery, and Team Physician, Department of Athletics

Leaves of Absence Without Salary

MICHAEL L. BENEDICT, Associate Professor, Department of History, effective January 1, 1979 through September 30, 1979, to accept a fellowship at the Woodrow Wilson International Center.

KATHERINE HOCH, Assistant Professor, Department of English, effective January 1, 1979 through March 31, 1979, for personal reasons.

DUN MOW HONG, Assistant Professor, Department of Economics (Lima Campus), January 1, 1979 through March 31, 1979, for personal reasons.

MARY C. MITCHELL, Assistant Professor, Department of Human Nutrition and Food Management, effective January 1, 1979 through September 30, 1979, to pursue her studies for a doctor of philosophy degree.

DENNIS L. ELLIOTT, Instructor, Cooperative Extension Service, effective November 16, 1978 through December 31, 1978, for graduate study at OSU.

GOLDEN JACKSON-MERGLER, Instructor, Department of Home Management and Housing, effective January 1, 1979 through May 31, 1979, for graduate study at OSU.

Professional Improvement Leaves

MELVIN N. GREENBALL, Professor, Academic Faculty of Accounting, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

February 2, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leaves (contd)

DAVID K. HSIAO, Professor, Department of Computer and Information Science, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

MARI R. JONES, Professor, Department of Psychology, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

P. JOHN KOZYRIS, Professor, College of Law, effective Spring Quarter 1980 and Autumn Quarter 1980.

PHILIP A. MARKS, Professor, Department of Psychiatry, effective Summer Quarter 1979, Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

KEITH S. ROSENN, Professor, College of Law, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

H. C. SLIDER, Professor, Department of Chemical Engineering, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

ROBERT A. BUERKI, Associate Professor, College of Pharmacy (Division of Administrative and Social Sciences), effective Summer Quarter 1979, Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

JAMES W. COLLINSON, Associate Professor, Department of Geology and Mineralogy, effective Winter Quarter 1980, Spring Quarter 1980 and Summer Quarter 1980.

HENRY GLOVER, Associate Professor, Department of Mathematics, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

NEIL J. LEWIS, Associate Professor, College of Pharmacy (Division of Medicinal Chemistry), effective Summer Quarter 1979, Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

Emeritus Titles

MATTHEW C. DODD, Department of Microbiology, with the title Professor Emeritus, effective February 1, 1979.

RALPH H. GRIMSHAW, Department of Animal Science, with the title Professor Emeritus, effective January 1, 1979.

C. M. PERRY, Cooperative Extension Service, with the title Associate Professor Emeritus, effective February 1, 1979.

February 2, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

WILLIAM P. SMITH, Cooperative Extension Service, with the title Associate Professor Emeritus, effective February 1, 1979.

LLOYD LUTZ, Cooperative Extension Service, with the title Instructor Emeritus, effective February 1, 1979.

JOHN K. WELLS, Cooperative Extension Service, with the title Instructor Emeritus, effective November 1, 1978.

Upon motion of Dr. Jacob, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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EMERITUS TITLE - EDWARD Q. MOULTON

Resolution No. 79-87

WHEREAS Dr. Moulton officially terminated his services with the University, effective January 1, 1979, in order to assume the duties and responsibilities of Chancellor of the Ohio Board of Regents; and

WHEREAS it is the wish of this Board to recognize Dr. Moulton at the time of his official retirement from State service:

NOW THEREFORE

BE IT RESOLVED, That effective at such time as Dr. Edward Q. Moulton retires pursuant to the rules and regulations of the State Teachers Retirement System, he shall be accorded the title of Vice President and Secretary of the Board of Trustees Emeritus.

Upon motion of Mr. Hilliker, seconded by Mrs. James, 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. 79-88

Synopsis: The reports on contracts, grants and gifts and the summaries for November and December are presented for Board acceptance.

February 2, 1979 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 Office of Business and Administration of the University, 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 agreements 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 Office of Business and Administration, the Engineering Experiment Station and The Ohio State University Development Fund during the months of November and December 1978, be approved.

Upon motion of Dr. Jacob, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR NOVEMBER 1978

Source	No. of Projects	Support Level
Office of Business and Administration	3	\$ 51,673.59
The Ohio State University Research Foundation	49	2,027,166.00
		\$2,078,839.59
The Ohio State University Development Fund	3,074 Donors	\$ 595,282.01
Establishment of Named Funds		
The Herman E. Wening and Elisabeth F. Wening Memorial Scholarship Fund (College of Engineering)		\$ 150,000.00
The David Meade Massie Library Endowment (University Library)		17,500.00
The Alumnae Club of The Ohio State University Scholarship Fund (Upperclass female students)		7,824.46

February 2, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

New Presidents Club Members, November 1978

Ralph Antolino, Jr.	Martin P. Myers
Dan J. Binau	Jerome W. Nelson
Mary Jane Bright	Marjorie R. Nelson (Mrs. Jerome W.)
William U. Britton	Maude R. Osborne (Mrs. L. K.)
Helen I. Brown (Mrs. Merritt)	James J. Paulk
Merritt H. Brown	William G. Paull
W. Loren Chalfin	Charles A. Penzone
Robert L. Chemas	Edward G. Razek
Lester A. Cronin	Dean B. Rinehart
Gretchen R. Cypher	John K. Romig
Ray S. Dwelle	David M. Schirtzinger
Daniel E. Evans	Donald H. Schriver
Richard A. Ginsburg	Sam Segall
Patricia L. R. Gladman	John E. Sestina
Barbara P. Gunner	G. Deming Seymour
Charles N. Hunt	Gus L. Singleton
John E. Jeffries, Jr.	William J. Sitterley
Patsy P. Jones (Mrs. Donald)	Thomas L. Smith
David A. Katz	Edith Wood Starin (In Memoriam)
Florence A. Keuerleber	Patrick J. Steger
Robert A. Koblentz	Richard E. Talcott
Harry L. Lentz	David W. Tripp
John M. Lester	Dale B. Wade
Douglas R. Miller	Rolf L. Wells
Jeffrey P. Miller	Robert S. Wood
Mark A. Miller	Lori K. Wunderlich (Mrs. Daniel B.)
Mark A. Morrow	Mark E. Wyss

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR DECEMBER 1978

Source	No. of Projects	Support Level
Office of Business and Administration	2	\$ 53,608.22
The Ohio State University Research Foundation	60	3,769,627.00
Engineering Experiment Station	1	42,780.00
		\$3,866,015.22

Establishment of Named Funds

The Sidney Licht Annual Lecture Series in Physical Medicine and Rehabilitation (Travel expenses and honorarium for Sidney Licht Lecturer)		\$ 19,861.67
The Howard Francis Seely Memorial Scholarship Fund (College of Education)		17,000.00
The Woody and Anne Hayes Scholarship Fund (Varsity athletes who pursue graduate or professional training)		10,000.00
The Robert Bartels Scholarship for International Business Studies (Undergraduate seniors majoring in international business)		5,443.50
The Charles B. Huelsman, Jr., Memorial Fellowship Fund (Graduate student in the study of exceptional child)		5,240.00
The John Arthur and Theodore H. Harley Family Scholarship Fund (Undergraduate student in ceramic engineering)		5,000.00
The Garrison Fund for Womens' Programs in Continuing Education (Office of Womens' Programs)		3,000.00

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SECOND QUARTER SUMMARY

October 1, 1978 to December 31, 1978

OFFICE OF BUSINESS AND ADMINISTRATION

Sponsor	No. of Projects	Level of Support
FEDERAL		
Student Programs	10	\$2,640,433.00
STATE OF OHIO	2	29,437.16
INDUSTRIAL AND OTHER	5	100,916.79
TOTALS	17	\$2,770,786.85

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SECOND QUARTER SUMMARY

October 1, 1978 to December 31, 1978

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Sponsor	No. of Projects	Level of Support
FEDERAL		
Department of Energy	1	\$ 54,000.00
National Aeronautics and Space Administration	3	106,505.00
National Science Foundation	4	118,633.00
Department of Defense	27	1,627,531.00
Department of Health, Education and Welfare	49	4,499,833.00
Other Federal	22	1,207,561.00
TOTAL - FEDERAL	106	\$7,614,063.00
STATE OF OHIO	15	\$ 552,465.00
INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL SPONSORS	70	\$1,448,181.81
GRAND TOTAL	191	\$9,614,709.81

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SECOND QUARTER SUMMARY

October 1, 1978 to December 31, 1978

ENGINEERING EXPERIMENT STATION

Sponsor	No. of Projects	Level of Support
FEDERAL	1	\$ 17,130.00
STATE	3	218,487.00
INDUSTRIAL AND OTHER	106	416,476.00
TOTALS	110	\$652,093.00

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION

State of Ohio Research Contract/Grant

\$22,245.02 - State of Ohio, Division of Vocational Education, Columbus, Ohio, for Special Services in Business and Office Education, Academic Faculty of Vocational-Technical Education, September 11, 1978 through June 30, 1979.

Industrial, Private and Other Non-Federal Research Contracts/Grants

\$28,000.00 - Committee on Institutional Cooperation, Evanston, Illinois, for Midwest Program for Minorities in Engineering, College of Engineering, September 1, 1978 through August 31, 1979. (Alfred P. Sloan Foundation Grant No. 78-4-12)

\$1,428.57 - Central Ohio Special Education Regional Resource Center, Columbus, Ohio, for presentation of a course "Instruction and Management of Children with Severe Behavioral Disorders," Academic Faculty of Exceptional Children, Autumn Quarter, 1978. (Project No. 170C-IRP-79)

**TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL
RESEARCH CONTRACTS/GRANTS**

\$29,428.57

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$175,010.00 - Department of Labor, Occupational Safety and Health Administration, Washington, D. C., Development of Occupational and Safety Health Training Education and Related Assistance Capabilities, Division of Continuing Education, College of Administrative Science (C. J. Slanicka), 1 October 1978 through 30 September 1979. (Project 761381 - New)

\$160,000.00 - Department of the Interior, Office of Surface Mining, Washington, D. C., Mining and Mineral Resources Research Institute (MMRRI) Research Scholarships and Fellowships, Engineering Experiment Station (C. J. Konya) and Department of Civil Engineering (O. J. Sproul), 1 October 1978 through 30 September 1979. (Project 761449 - New)

\$139,946.00 - Department of the Air Force, Air Force Office of Scientific Research (AFSC), Bolling Air Force Base, D. C., Fluid Dynamics of Multiple Nozzle Arrays and Radial Flow Diffusers, Department of Aeronautical and Astronautical Engineering (J. D. Lee and S. L. Petrie), 1 January 1979 through 31 December 1979. (Project 760340 - Continuation)

\$110,000.00 - Department of the Interior, Office of Surface Mining, Washington, D. C., Mining and Mineral Resources Research Institute (MMRRI) Initial Allotment, Engineering Experiment Station (C. J. Konya) and Department of Civil Engineering (O. J. Sproul), 1 October 1978 through 30 September 1979. (Project 761409 - New)

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$103,164.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Comparative Studies in Perinatal Toxicology, Department of Veterinary Physiology and Pharmacology (R. A. Yeary), 1 December 1978 through 30 November 1979. (Project 762962 - Continuation)

\$74,518.00 - Department of the Army, Ballistic Missile Defense Systems Command, Huntsville, Alabama, Advanced Numerical Optical Concepts, ElectroScience Laboratory, Department of Electrical Engineering (S. A. Collins), 19 November 1978 through 1 October 1979. (Project 760625 - Continuation)

\$56,002.00 - National Science Foundation, Washington, D. C., Protease Inactivation by Gastrointestinal Parasites, Department of Zoology (P. W. Pappas) and Department of Biochemistry (G. E. Means), 15 October 1978 through 31 October 1980. (Project 761439 - New)

\$54,000.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, Kinetics of Fast Reactions of Excited Species, Department of Chemistry (R. F. Firestone), 1 December 1978 through 30 November 1979. (Project 760022 - Continuation)

\$30,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Mechanism of Fiber Release During the Prolysis of Carbon Fiber Reinforced Plastics, Department of Chemical Engineering (E. E. Smith), 1 December 1978 through 30 November 1979. (Project 761445 - New)

\$25,692.00 - Department of Health, Education and Welfare, National Institute of Education, Washington, D. C., Sex-Typed Teaching Styles Among University Professors and Student Reactions: Barriers to Women's Success, Department of Sociology (L. R. Walum and A. S. Macke), 1 October 1978 through 30 September 1979. (Project 761433 - New)

\$25,332.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Transonic Wind Tunnel Experiments on Oscillating Airfoils, Department of Aeronautical and Astronautical Engineering (S. L. Petrie), 1 October 1978 through 30 September 1979. (Project 760385 - Continuation)

\$24,369.00 - Department of the Interior, Fish and Wildlife Service, Washington, D. C., Organochlorine Contaminant Levels in Edible and Inedible Portions of Selected Lake Erie Fishes, Department of Zoology (T. J. Peterle, R. F. Carline and B. L. Griswold), 22 September 1978 through 1 March 1980. (Project 761370 - New)

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$20,061.00 - Department of the Air Force, Office of Scientific Research, Washington, D. C., Influence of Roost Site Selection and Maximizing the Efficiency of Starling and Blackbird Energetics, Department of Zoology (S. Lustick), 1 December 1978 through 30 November 1979. (Project 761441 - New)

\$20,000.00 - National Science Foundation, Washington, D. C., Role of Alpha-Lactalbumin in Lactose Biosynthesis, Department of Chemistry (L. J. Berliner) 1 November 1978 through 31 October 1979. (Project 761432 - New)

\$5,300.00 - Department of Agriculture, Forest Service, Bedford, Indiana, Distribution and Habitat Characteristics of the Indiana Bat in Wayne National Forest, Ohio, Department of Zoology (T. A. Bookhout), 1 October 1978 through 30 September 1979. (Project 761336 - New)

\$591.00 - Department of Transportation, Federal Highway Administration, Washington, D. C., Fundamental Studies in Automated Vehicle Control, Department of Electrical Engineering (R. E. Fenton), 1 November 1978 through 15 May 1980. (Project 760664 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$1,023,985.00**

State of Ohio Research Contracts/Grants

\$89,883.00 - Ohio Board of Regents, Columbus, Ohio, Coordination of Allied Health Education Programs, School of Allied Medical Professions (S. C. Upp and D. C. Broski), 1 October 1978 through 30 September 1979. (Project 761399 - New)

\$69,013.00 - Ohio Occupational Information Coordinating Committee, State Department of Education, Division of Vocational Education, Columbus, Ohio, The Labor Supply Component of Vocational and Technical Training in Ohio, Academic Faculty of Labor and Human Resources (S. C. Kelley and M. Sandver), 1 November 1978 through 30 September 1979. (Project 761435 - New)

\$56,044.00 - Ohio Air Quality Development Authority, Columbus, Ohio, Development and Demonstration of an Adaptive System to Analyze and Forecast the Capacity of the Air Environment in Relation to Industrial Activity in Ohio, School of Public Administration (W. Gorr) and Academic Faculty of Management Science (R. Carbone), 1 October 1978 through 30 September 1979. (Project 761427 - New)

\$44,786.00 - Ohio Department of Energy, Columbus, Ohio, A Two-Wave Telephone Survey of Energy Conservation Attitudes and Practices, Program for Energy Research, Education and Public Service, Graduate School (W. B. Moreland) and Department of Political Science (S. J. Thorson), 1 September 1978 through 30 April 1979. (Project 761295 - New)

February 2, 1979 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)

\$8,450.00 - Ohio Youth Commission, Columbus, Ohio, Buckeye Youth Center, VRS Project, Academic Faculty of Exceptional Children (W. L. Heward), 1 October 1978 through 30 June 1979. (Project 761379 - New)

\$7,177.00 - The Ohio Program in the Humanities, Columbus, Ohio, Proud Black Images: Radio Presentations, Department of Black Studies (C. Nesbitt), 1 July 1978 through 30 June 1979. (Project 761256 - Continuation)

\$4,999.00 - Ohio Department of Health, Division of Chronic Diseases, Columbus, Ohio, Language Retraining for Aphasiac Individuals, Department of Communication (S. M. Goff), 1 October 1978 through 31 December 1978. (Project 760680 - Continuation)

\$3,000.00 - Ohio Occupational Information Coordinating Committee, State Department of Education, Division of Vocational Education, Columbus, Ohio, Employer Sponsored Training in Ohio, Academic Faculty of Labor and Human Resources (S. C. Kelley and M. W. Kell), 1 November 1978 through 31 January 1979. (Project 761434 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$283,352.00

Industrial, Private and Other Non-Federal Research Contracts/Grants

\$106,801.00 - Franklin County Program for the Mentally Retarded, Columbus, Ohio, Severely Retarded Classroom Units, Nisonger Center for Mental Retardation (D. Cavin), 1 September 1978 through 31 August 1979. (Project 760826 - Continuation)

\$104,055.00 - Cedars-Sinai Medical Center, Los Angeles, California, National Cooperative Gallstone Study, Department of Medicine (F. B. Thomas and H. S. Mekhjian), 1 September 1978 through 31 August 1979. (Project 760590 - Continuation)

\$100,000.00 - Pfizer, Inc., Groton, Connecticut, Support for Facilities for Performing Clinical Pharmacology Studies, Department of Pharmacology (J. R. Bianchine), 1 October 1978 through 30 September 1979. (Project 760484 - Continuation)

\$55,556.00 - Franklin County Program for the Mentally Retarded, Columbus, Ohio, Preschool Classroom Units, Nisonger Center for Mental Retardation (D. Cavin), 1 September 1978 through 31 August 1979. (Project 760825 - Continuation)

\$43,420.00 - Hannah Neil Center for Children, Inc., Columbus, Ohio, Implementing Behavioral Treatment Activities, Academic Faculty of Exceptional Children (J. O. Cooper) and School of Health, Physical Education and Recreation (C. L. Mand), 1 September 1978 through 31 May 1979. (Project 761350 - New)

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$40,929.00 - Lilly Research Laboratories, Indianapolis, Indiana, Absorption and Excretion of Cinoxacin in Volunteers with Renal Insufficiency, College of Pharmacy (J. A. Visconti, M. Blanford and W. Bay), 1 August 1978 through 30 July 1979. (Project 761284 - New)

\$37,068.00 - Franklin County Program for the Mentally Retarded, Columbus, Ohio, Early Training Project, Nisonger Center for Mental Retardation (D. Cavin), 1 September 1978 through 31 August 1979. (Project 760827 - Continuation)

\$35,290.00 - University of Michigan, Ann Arbor, Michigan, Genes on Mitochondrial DNA, Department of Genetics (P. S. Perlman), 1 September 1978 through 31 May 1979. (Project 761294 - Continuation)

\$27,900.00 - Arizona Department of Education, Phoenix, Arizona, Consortium to Facilitate the Application of the National Center's Management Information System for Vocational Education (MISVE), National Center for Research in Vocational Education (R. E. Taylor), 1 July 1978 through 30 June 1979. (Project 761440 - New)

\$24,000.00 - Board of Education, City of New York, Brooklyn, New York, New York City School District - Membership in The Alliance for Career and Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1978 through 30 January 1979. (Project 761448 - New)

\$23,500.00 - John McCallum, Worthington, Ohio, Reduction Volatilizations of Carbaceous Fuels, Department of Chemical Engineering (E. E. Smith), 1 October 1978 through 31 March 1979. (Project 761408 - New)

\$18,188.00 - Department of Education, Commonwealth of Pennsylvania, Harrisburg, Pennsylvania, Consortium for the Development of Professional Materials for Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1978 through 31 August 1979. (Project 761418 - New)

\$18,188.00 - Southern Illinois University, Carbondale, Illinois, Consortium for the Development of Professional Materials for Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1978 through 31 August 1979. (Project 761398 - New)

\$13,650.00 - Research Corporation, New York, New York, A Study of Carbene and Biradical Intersystem Crossing Processes by Laser Flash Photolysis, Department of Chemistry (M. S. Platz), 1 December 1978 through 30 November 1979. (Project 761444 - New)

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$12,950.00 - Milwaukee Public Schools, Milwaukee, Wisconsin, Alliance for Career and Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1978 through 30 June 1979. (Project 761450 - New)

\$10,067.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Digoxin and Digotoxin, Relative Parasympathomimetic Effects, Department of Veterinary Physiology and Pharmacology (R. L. Hamlin), 1 November 1978 through 31 October 1979. (Project 761430 - New)

\$10,000.00 - Boeing Commercial Airplane Company, Seattle, Washington, Boeing Airfoil/Spoiler Exploratory Research, Department of Aeronautical and Astronautical Engineering (J. D. Lee), 20 September 1978 through 30 November 1978. (Project 761369 - New)

\$9,277.50 - Franklin County Health and Retardation (648) Board, Columbus, Ohio, Community Worker Project, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 October 1978 through 31 March 1979. (Project 761367 - Continuation)

\$8,000.00 - Research Corporation, New York, New York, Asymmetric Synthesis via Chiral Auxiliaries in Signatropic Rearrangements, Department of Chemistry (D. J. Hart), 1 November 1978 through 31 October 1979. (Project 761443 - New)

\$6,000.00 - American Cancer Society - Ohio Division, Cleveland, Ohio, Investigation into the Chemoimmunotherapeutic Value of Exotoxin A from *Pseudomonas Aeruginosa* in the Treatment of Cancer, Department of Microbiology (N. R. Baker), 1 November 1978 through 31 October 1979. (Project 761431 - New)

\$5,794.00 - American Cancer Society - Ohio Division, Inc., Cleveland, Ohio, Biochemical Basis of Tumor Promotion, Department of Pharmacology (R. H. Fertel), 1 November 1978 through 31 October 1979. (Project 761429 - New)

\$4,000.00 - Bayvet Division, Cutter Laboratories, Inc., Shawnee, Kansas, Xyladrol Study in Dogs, Department of Veterinary Physiology and Pharmacology (R. L. Hamlin), 15 October 1978 through 14 October 1979. (Project 761452 - New)

\$3,320.00 - Department of Education, San Diego County, California, Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 1 November 1978 through 30 November 1978. (Project 768007 - New)

\$1,315.00 - Association of Automobile Clubs of Ohio (Ohio AAA), Columbus, Ohio, Emergency Driving Skills Workshop, National Center for Research in Vocational Education (R. E. Taylor), 1 October 1978 through 31 October 1979. (Project 761397 - New)

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$561.30 - Commonwealth of Pennsylvania, Department of Education, Harrisburg, Pennsylvania, Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 1 November 1978 through 30 November 1978. (Project 768013 - New)

TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS \$719,829.80

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000.00 or More

\$49,300.00 - Trust Under the Will of Mildred Belt English, Deceased, Baltimore, Maryland, for Parkinson's Disease Research.

\$25,000.00 - Johnson Welded Products, Inc., Urbana, Ohio (given in the name of Lilli Ann Lorenz Johnson): \$10,000.00 for the College of Medicine Progress Fund; \$10,000.00 for the Department of Dance-Chairman's Support Fund; and \$5,000.00 for the Welding Engineering Department Support Fund.

\$25,000.00 - Public Welfare Foundation, Inc., Washington, D. C. (given in the name of Mrs. Claudia Haines Marsh), for the Everett D. Reese Arthritis Research Fund.

\$22,552.00 - Systems Associates, Columbus, Ohio: \$13,465.94 for the Cardiology Support Fund and \$9,086.06 for the Department of Medicine General Fund.

\$20,000.00 - Eli Lilly Company, Indianapolis, Indiana, for the Clinical Pharmacology of Dobutamine-Eli Lilly Company Fund.

\$19,450.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund.

\$18,000.00 - Ohio Lions Eye Research Foundation, Columbus, Ohio, for the Institute for Research in Vision.

\$17,625.00 - General Motors Corporation, Warren, Michigan, for the General Motors Corporation Scholarship Fund.

\$12,000.00 - The E. A. R. Foundation, Nashville, Tennessee, for the Meniere's Disease Fund in the College of Medicine.

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000.00 or More (contd)

\$10,700.00 - The Yassenoff Foundation, Inc., Columbus, Ohio: \$1,000.00 for the Journalism Director's Special Fund; \$1,000.00 for the College of Administrative Science Fund; \$1,000.00 for the Dean's Discretionary Fund for Biological Sciences; \$1,000.00 for the Humanities Support Fund; \$1,000.00 for the College of Arts Support Fund; \$1,000.00 for the University College Fund; \$1,000.00 for the College of Medicine Progress Fund; \$1,000.00 for the College of Agriculture and Home Economics Dean's Discretionary Fund; \$1,000.00 for the Pharmacy Fund; \$1,000.00 for the College of Engineering Special Fund; \$500.00 for the Physical Medicine Support Fund; and \$200.00 for the Yassenoff Polar Studies Fund.

\$10,000.00 - Ford Motor Company Fund, Dearborn, Michigan: \$5,000.00 for the Corporate Associates Fund; \$3,000.00 for the Affirmative Action Program in Engineering; and \$2,000.00 for the College of Engineering Special Fund.

\$10,000.00 - Joseph R. Smith, West Alexandria, Ohio, for the Ruth E. Smith Memorial Scholarship Fund.

\$8,567.42 - Department of Medicine Associates, Columbus, Ohio, for the Department of Medicine General Fund.

\$8,480.00 - Ohio Edison Company, Akron, Ohio, for the Ohio Electric Utility Institute Fellowship Fund.

\$7,500.00 - The General Electric Foundation, Bridgeport, Connecticut, for the Affirmative Action Program in Engineering.

\$7,300.00 - Weirton Steel, Weirton, West Virginia, for the National Steel Fellowship in Metallurgical Engineering.

\$7,000.00 - The Standard Oil Company, Cleveland, Ohio, for the Sohio Fellowship in Chemistry.

\$6,480.00 - Pfizer, Inc., Groton, Connecticut, for the Clinical Pharmacology Fund.

\$6,000.00 - Central Ohio Center for Economic Education, Columbus, Ohio, for the Center for Economic Education.

\$6,000.00 - Wolfe Associates, Inc., Columbus, Ohio: \$4,000.00 for the Robert F. Wolfe Journalism Medal Fund and \$2,000.00 for the Journalism Director's Special Fund.

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000.00 or More (contd)

\$5,500.00 - American Warehousemen's Association, Chicago, Illinois, for the Logistics Research Fund.

\$5,000.00 - American Cyanamid Company, Princeton, New Jersey, for the American Cyanamid University Grant for the Department of Chemistry.

\$5,000.00 - Arnar-Stone Laboratories, Inc., McGraw Park, Illinois, for the Clinical Pharmacology Fund.

\$5,000.00 - Capitol Sales, Inc., Columbus, Ohio (given in the name of Ms. Mary Jane Bright), to be designated at a later date.

\$5,000.00 - Estate of Maxwell M. Scarff, New Carlisle, Ohio, for the Maxwell M. Scarff Fund.

\$5,000.00 - Ross Laboratories, Columbus, Ohio, for the Management Science Faculty Support Fund.

\$5,000.00 - Serb National Federation, Pittsburgh, Pennsylvania, for the Hilandar Research Fund.

\$5,000.00 - Union Carbide Corporation, New York, New York, for the Union Carbide Corporation Fellowship - Welding Engineering.

Gifts-In-Kind

Mr. Patterson Barnes, Willoughby, Ohio, one seven-year old thoroughbred mare, valued at \$12,000.00.

Mr. Eugene Gross, Beachwood, Ohio, one eight-year old thoroughbred mare, valued at \$8,500.00.

Establishment of Named Funds

The Herman E. Wening and Elisabeth F. Wening Memorial Scholarship Fund

The Herman E. Wening and Elisabeth F. Wening Memorial Scholarship Fund was established February 2, 1979, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Elisabeth F. Wening of Pompano Beach, Florida, in memory of her husband, Herman E. Wening, Bachelor of Chemical Engineering, 1925.

February 2, 1979 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 Herman E. Wening and Elisabeth F. Wening 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 right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for undergraduate or graduate students who have demonstrated academic ability and/or need for financial assistance. The selection of the recipient is to be made upon the recommendation of the University Scholarship Committee. Preference is to be given to students enrolled in the College of Engineering.

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 chemical engineering education.

The David Meade Massie Library Endowment

The David Meade Massie Library Endowment was established February 2, 1979, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of David Meade Massie, Chillicothe, Ohio, in the amount of \$17,500.

The above amount 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 to reinvest as occasion dictates.

The annual income is to be used exclusively for the purchase of books for The Ohio State University 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 Library administrative official of the University.

February 2, 1979 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 Alumnae Club of The Ohio State University Scholarship Fund

The Alumnae Club of The Ohio State University Scholarship Fund was established February 2, 1979, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from The Alumnae Club 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 right to invest and reinvest as occasion dictates.

The annual income is to be used to provide scholarships for upper-class female students who have demonstrated academic potential and need for financial assistance. The selection of the recipient is to be made upon the recommendation of the University 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 appropriate administrative official of the University who is then directly responsible for scholarships.

OFFICE OF BUSINESS AND ADMINISTRATION

Industrial, Private and Other Non-Federal Contracts/Grants

\$50,000.00 - Franklin County Board of Education, Columbus, Ohio, for in-service education focusing on nutrition education for teachers (K-6, secondary home economics, science and health), school librarians, guidance counselors and food service managers in all public schools within area defined by and in accordance with Ohio Department of Education approved project, College of Education, January 1, 1979 through September 30, 1979.

\$3,608.22 - Wright State University - Western Ohio Branch Campus, Celina, Ohio, for special services in the areas of farm accounting and principles of farm management, College of Agriculture and Home Economics - Administration, Autumn Quarter, 1978.

**TOTAL - INDUSTRIAL, PRIVATE AND OTHER
NON-FEDERAL CONTRACTS/GRANTS** **\$53,608.22**

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$1,275,000.00 - Department of Health, Education and Welfare, National Institute of Education, Washington, D. C., Eighteen Month Work Plan for a Long-Range Plan for Research and Development, National Center for Research in Vocational Education (R. E. Taylor), 1 June 1978 through 30 November 1979. (Project 761151 - Continuation)

\$526,263.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Clinical Research Center, Department of Medicine (H. G. Cramblett and W. B. Malarkey), 1 December 1978 through 30 November 1979. (Project 761196 - Continuation)

\$190,000.00 - Department of the Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Jam Resistant Communications Systems Techniques, ElectroScience Laboratory, Department of Electrical Engineering (A. A. Ksienski and W. D. Burnside), 4 December 1978 through 30 September 1979. (Project 761461 - New)

\$78,111.00 - Department of Justice, National Institute of Corrections, Washington, D. C., Training Correctional Agency Trainers, National Center for Research in Vocational Education (R. E. Taylor), 18 August 1978 through 17 August 1979. (Project 761286 - Continuation)

\$75,000.00 - Department of the Air Force, Aeronautical Systems Division, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, TVCM Effects, ElectroScience Laboratory, Department of Electrical Engineering (J. Meadors), 1 October 1978 through 30 September 1979. (Project 761086 - Continuation)

\$66,800.00 - Department of the Air Force, Electronic Systems Division, Air Force Systems Command, Hanscom Air Force Base, Massachusetts, The Study of Factors Affecting the Precise Estimation of the Earth's Gravity Field, Department of Geodetic Science (R. H. Rapp), 1 December 1978 through 30 September 1979. (Project 761451 - New)

\$65,000.00 - Department of the Interior, Office of Water Research and Technology, Washington, D. C., Removal of Heavy Metals from Reuse Waters with Synthetic Polymer Adsorbents, Department of Civil Engineering (A. J. Rubin and O. J. Sproul), 1 October 1978 through 30 September 1981. (Project 761410 - New)

\$64,210.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., *In Vitro* Chemical Carcinogenesis and Co-Carcinogenesis in Human Cells Initiated by Hydrazine and Polynuclear Components of Jet Fuel, Department of Veterinary Pathobiology (G. E. Milo and J. R. Blakeslee), 1 July 1978 through 30 June 1979. (Project 760702 - Continuation)

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$63,841.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Pathogenesis of Experimental Atherosclerosis, Department of Physiological Chemistry (D. G. Cornwell), 1 December 1978 through 30 November 1979. (Project 762525 - Continuation)

\$62,558.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Antivascular Endothelial Antibody, Department of Surgery (J. Cerilli), 1 January 1979 through 31 December 1979. (Project 763857 - Continuation)

\$61,171.00 - Department of the Navy, Naval Regional Procurement Office, Long Beach, California, Asymptotic High Frequency Techniques, ElectroScience Laboratory, Department of Electrical Engineering (C. H. Walter), 1 August 1978 through 31 July 1979. (Project 760473 - Continuation)

\$55,913.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, The Organization of Social Information, Department of Psychology (T. M. Ostrom), 1 October 1978 through 30 September 1979. (Project 761438 - New)

\$46,599.00 - Department of Health, Education and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Research in Persuasive Communication, Department of Psychology (A. G. Greenwald), 1 December 1978 through 30 November 1979. (Project 761467 - New)

\$46,578.00 - Department of Health, Education and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute on Alcohol Abuse and Alcoholism, Rockville, Maryland, Drug Abuse/Alcoholism Career Teacher Training, Department of Preventive Medicine (M. D. Keller), 1 January 1979 through 31 December 1979. (Project 761482 - New)

\$46,313.00 - Environmental Protection Agency, Washington, D. C., Ohio River Basin Energy Study - Phase II, Department of City and Regional Planning (S. I. Gordon), 1 November 1978 through 31 October 1979. (Project 760941 - Continuation)

\$43,104.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Regulation of Gene Expression in Neurospora, Department of Biochemistry (G. A. Marzluf), 1 January 1979 through 31 December 1979. (Project 760578 - Continuation)

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$40,073.00 - Environmental Protection Agency, Washington, D. C., ORBES (Ohio River Basin Energy Study) Phase II Core Team Representation and Participation, Department of Mechanical Engineering (R. E. Bailey), 1 November 1978 through 31 October 1979. (Project 760981 - Continuation)

\$40,000.00 - Department of the Air Force, Electronic Systems Division, Hanscom Air Force Base, Massachusetts, Extending the Geometrical Theory of Diffraction Using the Moment Method, ElectroScience Laboratory, Department of Electrical Engineering (G. A. Thiele), 1 October 1978 through 30 September 1979. (Project 761245 - Continuation)

\$39,973.00 - Department of the Air Force, 2750th Air Base Wing/PMA, Specialized Procurement Branch, Wright-Patterson Air Force Base, Ohio, Evaluation and Upgrading of the Antenna Calibration, ElectroScience Laboratory, Department of Electrical Engineering (R. Caldecott), 5 December 1978 through 4 December 1979. (Project 761384 - Continuation)

\$39,007.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Studies on the Dextran Sucrase of Streptococcus Sanguis, Department of Chemistry (R. M. Mayer), 1 January 1979 through 31 December 1979. (Project 760160 - Continuation)

\$38,500.00 - National Science Foundation, Washington, D. C., Mediated Electron Transfers and Derivatized Electrode Surfaces, Department of Chemistry (T. Kuwana), 1 March 1979 through 28 February 1980. (Project 760646 - Continuation)

\$37,070.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Associated Health Professions, Hyattsville, Maryland, Physical Therapy - Teacher Preparation (M.S.), School of Allied Medical Professions (D. C. Broski), 1 January 1979 through 31 December 1979. (Project 761472 - Continuation)

\$35,501.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Nitroglycerin Tolerance, College of Pharmacy (T. D. Sokoloski), 1 December 1978 through 30 November 1979. (Project 761464 - New)

\$32,000.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Conduction Heat Transfer Analysis in Composite Materials, Department of Mechanical Engineering (L. S. Han), 1 March 1979 through 31 October 1979. (Project 761108 - Continuation)

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$31,800.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Research on the Kinetics of Phase Changes on Solids, Department of Metallurgical Engineering (J. P. Hirth), 15 December 1978 through 14 December 1979. (Project 760222 - Continuation)

\$31,467.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Effects of Processing and Storage on Human Milk, Department of Food Science and Nutrition (P. M. T. Hansen), 1 January 1979 through 31 December 1979. (Project 761475 - New)

\$29,567.00 - Department of Health, Education and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, *In Vitro* Oxidation of Psychoactive Drugs, Department of Chemistry (R. L. McCreery), 1 December 1978 through 30 November 1979. (Project 711687 - Continuation)

\$27,440.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Associated Health Professions, Hyattsville, Maryland, Medical Dietetics - Administration (M.S.), School of Allied Medical Professions (D. C. Broski), 1 January 1979 through 31 December 1979. (Project 761473 - Continuation)

\$26,505.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, An Investigation into Pilot and System Response to Critical In-Flight Events, Department of Industrial and Systems Engineering (W. C. Giffin), 27 October 1978 through 31 January 1979. (Project 761415 - New)

\$25,267.00 - Department of Health, Education and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Attention and Preparation in Rapid Performance, Department of Psychology (A. G. Greenwald), 1 December 1978 through 30 November 1979. (Project 761466 - New)

\$23,636.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Hemoglobin Iron Metabolism by Human Macrophages, Department of Medicine (J. J. Rinehart), 1 December 1978 through 30 November 1979. (Project 761483 - New)

\$21,402.00 - Department of Health, Education and Welfare, Office of Human Development, Office of Rehabilitation Services, Region V, Chicago, Illinois, Traineeships in Speech Pathology and Audiology, Department of Communication (E. J. Hardick), 1 September 1978 through 31 August 1979. (Project 760885 - Continuation)

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$18,264.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, A New Approach to a Generalized Behrens-Fisher Problem, Department of Statistics (M. A. Fligner), 1 December 1978 through 30 November 1979. (Project 761456 - New)

\$17,396.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Energetics of Calcium Cycling During Muscle Contraction, Department of Physiology (J. A. Rall), 1 January 1979 through 31 December 1979. (Project 760993 - Continuation)

\$16,574.00 - Department of Health, Education and Welfare, Office of Human Development, Rehabilitation Services Administration, Washington, D. C., Teaching Grant in Occupational Therapy, School of Allied Medical Professions (H. K. Grant), 1 September 1978 through 31 August 1979. (Project 760839 - Continuation)

\$8,687.00 - Department of Health, Education and Welfare, Office of Human Development, Office of Rehabilitation Services, Region V, Chicago, Illinois, Teaching Grant and Traineeships in Physical Therapy, School of Allied Medical Professions (F. M. Pierson), 1 September 1978 through 31 August 1979. (Project 760804 - Continuation)

\$6,900.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Nursing, Bethesda, Maryland, National Research Service, Institutional Award, Academic Faculty of Special Services (H. J. Peters) and School of Nursing (C. W. Kennedy), 1 December 1978 through 30 November 1979. (Project 760957 - Continuation)

\$5,000.00 - Department of the Air Force, Electronic Systems Division (AFSC), Hanscom Air Force Base, Massachusetts, Continuing Study of Impact of Inductive or Capacitive Reactance Loading on Circular Cylinders, ElectroScience Laboratory, Department of Electrical Engineering (P. H. Pathak), 1 October 1978 through 5 January 1979. (Project 760593 - Continuation)

\$2,000.00 - Department of the Navy, Naval Research Laboratory, Washington, D. C., LODED Airfoil and Wing Analysis, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and K. Korcan), 28 September 1978 through 15 December 1978. (Project 761377 - New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$3,360,490.00**

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contract/Grant

\$40,000.00 - Ohio Department of Education, Worthington, Ohio, The Ohio Deans' Project--A Comprehensive Personnel Preparation Development Plan in Special Education, Academic Faculty for Exceptional Children (T. M. Stephens), 1 June 1978 through 31 May 1979. (Project 761457 - New)

Industrial, Private and Other Non-Federal Research Contracts/Grants

\$151,644.00 - American Cancer Society, Inc., New York, New York, Immunoregulatory Properties of Human Gangliosides, Department of Medicine (R. L. Whisler), 1 January 1979 through 31 December 1980. (Project 761465 - New)

\$41,509.00 - The Procter and Gamble Company, Cincinnati, Ohio, Scope Efficacy Trials, Department of Oral Biology (S. Rosen), 1 January 1979 through 31 December 1979. (Project 761481 - New)

\$32,400.00 - University of Cincinnati, Cincinnati, Ohio, Planning of an Area Health Education Center Program, College of Medicine--Administration (M. Tzagournis, G. L. Trzebiatowski and M. V. Brown), 1 November 1978 through 30 September 1979. (Project 761458 - New)

\$30,326.00 - American Cancer Society, Inc., New York, New York, Prolactin Receptor Concentrations in Breast Cancer, Department of Medicine (W. Malarkey), 1 January 1979 through 31 December 1979. (Project 760987 - Continuation)

\$22,176.00 - Southeastern Center for Electrical Engineering Education, Operations Office, South Orlando Resident Center, Florida Technological University, Orlando, Florida, Formal Analytical Structure for Manned Systems Technology, Department of Industrial and Systems Engineering (R. A. Miller), 1 October 1978 through 31 December 1979. (Project 761442 - New)

\$18,188.00 - Division of Occupational Education, State Education Department, Albany, New York, Consortium for the Development of Professional Materials for Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1978 through 31 August 1979. (Project 761424 - New)

\$10,000.00 - The Deafness Research Foundation, New York, New York, X-Ray Microanalysis of Inner Ear Fluids, Department of Otolaryngology (D. J. Lim), 1 January 1979 through 31 December 1979. (Project 711714 - New)

\$10,000.00 - The Deafness Research Foundation, New York, New York, Experimental Otitis Media, Department of Otolaryngology (D. M. Lewis and D. J. Lim), 1 January 1979 through 31 December 1979. (Project 711713 - Continuation)

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$9,070.00 - Southeastern Center for Electrical Engineering Education, Operations Office, South Orlando Resident Center, Florida Technological University, Orlando, Florida, Transient Capacitance Measurements on Selected Silicon and Gallium Arsenide Solar Cells, Department of Physics (L. C. Brown), 1 June 1977 through 31 December 1979. (Project 760734 - Continuation)

\$6,597.00 - Department of Community Services, Columbus, Ohio, Tutoring Developmentally Disabled Adults, School of Social Work (R. O. Washington and B. Cantrell), 3 October 1978 through 3 October 1979. (Project 761414 - New)

\$6,515.00 - American Horse Shows Association, Inc., New York, New York, Systematic Investigation of the Cardiopulmonary and Central Nervous System Effects on Propoxyphene, Department of Veterinary Physiology and Pharmacology (W. W. Muir), 1 November 1978 through 31 October 1979. (Project 761479 - New)

\$6,000.00 - American Cancer Society - Ohio Division, Cleveland, Ohio, Mechanisms of Impaired Immunologic Reactions in Lymphoma, Department of Medicine (R. W. Whisler), 1 November 1978 through 31 October 1979. (Project 761462 - New)

\$5,212.00 - Southwest Oncology Group, Kansas City, Kansas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Medicine (H. E. Wilson), 1 July 1978 through 31 December 1978. (Project 761460 - New)

\$5,000.00 - World Health Organization, Human Reproduction Unit, Geneva, Switzerland, Support of Research Involving Immunological Methods of Fertility Regulation, Department of Obstetrics and Gynecology (V. C. Stevens), 1 January 1979 through 31 December 1979. (Project 760195 - Continuation)

\$4,800.00 - World Health Organization, Human Reproduction Unit, 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 1978 through 30 June 1979. (Project 760113 - Continuation)

\$3,650.00 - University of Missouri, Columbia, Missouri, Study of Gas Solid Airflow Over a Flat Plate, Department of Chemical Engineering (J. L. Zakin), 1 October 1978 through 30 September 1979. (Project 760974 - Continuation)

\$3,000.00 - Foxjet International, Minneapolis, Minnesota, Three-Dimensional Wing Analysis and Other Studies, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and K. Korkan), 1 October 1978 through 31 December 1978. (Project 761463 - New)

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$1,050.00 - Rachelwood Wildlife Research Preserve, Pittsburgh, Pennsylvania, The Effect of Supplemental Food on Gray Squirrel Distribution, Density, Movements and Reproductive Performance, Department of Zoology (J. D. Harder), 1 January 1979 through 30 June 1979. (Project 760359 - Continuation)

\$1,000.00 - World Health Organization, Geneva, Switzerland, Studies on Immunization Against Echinococcus Granulosus, Department of Veterinary Pathobiology (R. P. Herd), 1 January 1979 through 31 December 1979. (Project 760738 - Continuation)

\$1,000.00 - Paint Research Institute, Philadelphia, Pennsylvania, Paint Mildew Ecology, Department of Botany (J. A. Schmitt), 1 January 1979 through 1 October 1979. (Project 760070 - Continuation)

TOTAL - INDUSTRIAL, PRIVATE AND OTHER-NON-FEDERAL RESEARCH CONTRACTS/GRANTS **\$369,137.00**

ENGINEERING EXPERIMENT STATION

State of Ohio Sponsored Research

\$42,780.00 - State of Ohio, Department of Transportation, Columbus, Ohio, for Stability of Slopes in Shale and Colluvium, Department of Civil Engineering, December 16, 1978 through December 15, 1979. (EES 576 - Phase 2)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

The Sidney Licht Annual Lecture Series in Physical Medicine and Rehabilitation

The Sidney Licht Annual Lecture Series in Physical Medicine and Rehabilitation was established February 2, 1979, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Elizabeth S. Licht, New Haven, Connecticut, in honor of her husband, Sidney Licht, 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 right to invest and reinvest as occasion dictates.

The income is to be used annually to defray the expenses of travel and honorarium for a Sidney Licht Lecturer in the field of physical medicine and rehabilitation. The selection of the recipient is to be made upon the recommendation of the Chairman of the Department of Physical Medicine in cooperation with the Dean of the College of Medicine.

February 2, 1979 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 Sidney Licht Annual Lecture Series in Physical Medicine and Rehabilitation (contd)

Should the need for this lecture series 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 physical medicine and rehabilitation.

The Howard Francis Seely Memorial Scholarship Fund

The Howard Francis Seely Memorial Scholarship Fund was established February 2, 1979, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Enid H. Seely of Dunedin, Florida.

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

The income shall provide annual scholarship assistance for competent, deserving and probably, but not necessarily, needy students in secondary education with an English major. The selection of the recipient is to be made upon the recommendation of the University Scholarship Committee in cooperation with the Dean of the College of Education.

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 secondary education.

The Woody and Anne Hayes Scholarship Fund

The Woody and Anne Hayes Scholarship Fund was established February 2, 1979, 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, and Anne Hayes, in recognition of 28 years of dedicated service to the 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.

February 2, 1979 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 and Anne Hayes Scholarship Fund (contd)

The annual income is to be used to provide financial assistance for one or more varsity athletes who wish to continue their studies in graduate or professional schools at The Ohio State University. Students selected to receive this award should have demonstrated personal qualities of leadership and academic potential. Financial need may or may not be a consideration. The selection of the recipient is to be made upon the recommendation of the University Scholarship 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 student financial aid.

The Robert Bartels Scholarship for International Business Studies

The Robert Bartels Scholarship for International Business Studies was established February 2, 1979, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Robert Bartels, B.S.Bus.Adm. (with Honors and High Distinction in Marketing) '35, Ph.D. '41, 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 right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for undergraduate seniors majoring in international business who have demonstrated academic ability and need for financial assistance. The selection of the recipient is to be made upon the recommendation of the Scholarship Committee and the Dean of the College of Administrative Science with the concurrence of Robert Bartels if he is living and available. The purpose of the endowment may be changed at some future date by Robert Bartels, with the approval of the Dean of the College of Administrative Science.

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 international business education.

February 2, 1979 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 B. Huelsman, Jr., Memorial Fellowship Fund

The Charles B. Huelsman, Jr. Memorial Fellowship Fund was established February 2, 1979, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the family, friends and associates of the late Dr. Charles B. Huelsman, Jr.

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

The annual income is to be used to provide financial assistance to a graduate student interested in the study of the exceptional child. The selection of the recipient is to be made upon the recommendation of the Chairperson, Academic Faculty for Exceptional Children, in cooperation with the Dean of the College of Education.

Should the need for this graduate 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 the study of the exceptional child.

The John Arthur and Theodore H. Harley Family Scholarship Fund

The John Arthur and Theodore H. Harley Family Scholarship Fund was established February 2, 1979, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Theodore H. Harley, B.Cer.E. '43, of Pittsburgh, Pennsylvania.

All gifts are to be invested in the University's Permanent Endowment Fund, under the 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 scholarship monies are to be awarded exclusively to graduates of Grove City, Ohio, High School who either as freshmen or upperclassmen express a genuine interest in and actively pursue the University's requirements to obtain a Ceramic Engineering degree while enrolled at The Ohio State University. If no grant to an engineering student is made in any consecutive five (5) year period, the scholarship funds can be given to a student(s) from said High School who is enrolled in the College of Agriculture and Home Economics.

February 2, 1979 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 Arthur and Theodore H. Harley Family Scholarship Fund (contd)

If no award is made within a period of ten (10) consecutive years, 65 per cent of the gain available from investment of the principal endowment is to be given to The Ohio State University through The Ohio State University Development Fund, for unrestricted use by the President of the University.

Twenty per cent of all earned income on the principal shall be retained and added to the principal endowment each year. The endowment can receive money from any source. Such additions will be added to the principal, none of which can be used for making awards and/or grants. It is intended that this endowment shall increase in value and be self-perpetuating.

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 purposes whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University.

The Garrison Fund for Womens' Programs in Continuing Education

The Garrison Fund for Womens' Programs in Continuing Education was established February 2, 1979, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mr. and Mrs. Robert R. Garrison of Columbus, Ohio.

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 from the principal is to be used to provide support for the general activities of the Office of Womens' Programs in the Division of Continuing Education. The Coordinator of the Office of Womens' Programs may initiate disbursement requests using the monies available for fee waivers for mature students, promotional materials, group counseling activities and any other program needs authorized by and under the supervision of the Office of Womens' Programs. All such disbursements shall be made under the pertinent policies promulgated by the Division of Continuing 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 Womens' Programs in Continuing Education.

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PLANS AND SPECIFICATIONS

Resolution No. 79-89

Synopsis: Plans and specifications have been completed for one project and are recommended for approval.

WHEREAS at the request of the Acting Vice President for Business and Administration the plans and specifications, bills of materials and estimate of cost for the following project are presented for approval:

PARKING LOT RENOVATION (Stadium Area)

Project: Repair and resurface the parking lots east of the Ohio Stadium, including Tuttle Park Place and the parking lot northwest of the Ohio Stadium at the southwest corner of the intersection of Cannon and Stadium Drives.

Funding: Department 5092, Budget Account 885071 (Parking Revenue) \$260,700 and
Department 5054, Budget Account 210134 (Contract Repair) \$28,000

Estimated Project Cost: \$288,700

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to sign the plans and specifications for this project, and if satisfactory bids are received, to recommend the award of the necessary contracts in accordance with the established University procedure, and that this action be reported at a later meeting.

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

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February 2, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 79-90

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

WHEREAS the resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Secretary of the Board of Trustees to sign the plans and specifications, and for the President and/or Acting Vice President for Business and Administration to request bids and recommend awards, in accordance with the established University procedures for the following projects:

UNIVERSITY HOSPITAL RENOVATION - PHASE I

Description: The first phase of this project will provide production kitchen facilities for the centralized preparation of foods to include meals for patients and the Hospital Cafeteria. A chilled food system will be instituted upon completion of the project.

General Contract

Date Received:	December 14, 1978
No. of Bids:	7
Low Bid:	\$186,111.00* **
High Bid:	\$319,800.00
Estimate of Cost:	\$217,500.00
Awarded to:	The Gardner Company (Columbus, Ohio)

Food Service Equipment Contract

Date Received:	December 14, 1978
No. of Bids:	2
Low Bid:	\$209,875.00*
High Bid:	\$227,373.00
Estimate of Cost:	\$216,000.00
Awarded to:	Louis R. Polster Company (Columbus, Ohio)

*Recommended alternates reflected in these figures.

**Contract awarded to second lowest bidder. Low bidder, Henry A. Justus, Inc., withdrew his bid as permitted by Section 9.31 of the Revised Code due to a clerical error.

February 2, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)
UNIVERSITY HOSPITAL RENOVATION - PHASE I (contd)**

Plumbing Contract

Date Received:	December 14, 1978
No. of Bids:	7
Low Bid:	\$ 49,500.00* **
High Bid:	\$ 88,679.00
Estimate of Cost:	\$ 35,300.00
Awarded to:	Farber Corporation (Columbus, Ohio)

Fire Protection Contract

Date Received:	December 14, 1978
No. of Bids:	3
Low Bid:	\$ 5,438.00
High Bid:	\$ 7,503.00
Estimate of Cost:	\$ 8,500.00
Awarded to:	Capital Fire Protection Company (Columbus, Ohio)

Heating, Ventilating and Air Conditioning Contract

Date Received:	December 14, 1978
No. of Bids:	5
Low Bid:	\$146,900.00* **
High Bid:	\$222,120.00
Estimate of Cost:	\$120,300.00
Awarded to:	Montoney's Heating and Piping Company (Grove City, Ohio)

* Recommended alternates reflected in these figures.

**Plumbing, Heating, Ventilating and Air Conditioning, and Electrical Contracts are in excess of the filed estimates of cost; however, the total cost of all contracts is within 10 per cent of the total estimate of cost, and are therefore being recommended for award as provided by Section 153.12 of the Revised Code.

February 2, 1979 meeting, Board of Trustees

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

UNIVERSITY HOSPITAL RENOVATION - PHASE I (contd)

Electrical Contract

Date Received:	December 14, 1978
No. of Bids:	4
Low Bid:	\$ 68,732.00* **
High Bid:	\$ 78,500.00
Estimate of Cost:	\$ 48,700.00
Awarded to:	The Electric Power Equipment Co. (Columbus, Ohio)
Total All Contracts:	\$666,556.00
Total Contingency Allowance:	\$ 32,137.57 which is 5 per cent of construction costs
Total Project Cost:	\$775,000.00
Funding:	Am. Sub. H.B. 618, Item 315-118, University Hospital Renovation

*Recommended alternates reflected in these figures.

**Plumbing, Heating, Ventilating and Air Conditioning, and Electrical Contracts are in excess of the filed estimates of cost; however, the total cost of all contracts is within 10 per cent of the total estimate of cost, and are therefore recommended for award as provided by Section 153.12 of the Revised Code.

February 2, 1979 meeting, Board of Trustees

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

ENERGY MODIFICATIONS TO BUILDINGS (PROJECT II)

Description: This project involves installation of electrically driven water chillers in Graves Hall and Baker Systems Engineering Building to combine with existing steam-power absorption chiller machines to permit selection of the most economical energy source.

Mechanical Contract

Date Received:	December 15, 1978
No. of Bids:	7
Low Bid:	\$332,800.00*
High Bid:	\$394,770.00
Estimate of Cost:	\$418,135.00
Awarded to:	Limbach Company (Columbus, Ohio)

Electrical Contract

Date Received:	December 15, 1978
No. of Bids:	6
Low Bid:	\$ 74,290.00*
High Bid:	\$100,081.00
Estimate of Cost:	\$126,080.00
Awarded to:	Jess Howard Electric Co. (Blacklick, Ohio)

Total All Contracts: \$407,090.00

Total Contingency Allowance: \$ 30,278.07 which is 7 per cent of construction costs

Total Project Cost: \$480,000.00

Funding: H.B. 618 (Utilities and Renovation 1977-79 Biennium)

*Recommended alternates reflected in these figures.

February 2, 1979 meeting, Board of Trustees

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

STARLING-LOVING HALL IMPROVEMENTS - PHASE II

Description: Continuation of the renovation of the space for the College of Optometry. These improvements will be accomplished in the north section of A-Wing, first and second floors. The first phase of the work was completed in 1976.

General Contract

Date Received:	January 10, 1979
No. of Bids:	12
Low Bid:	\$ 54,900.00
High Bid:	\$ 88,800.00
Estimate of Cost:	\$ 71,000.00
Awarded to:	M & P Construction Co. (Columbus, Ohio)

Heating, Ventilating and Air Conditioning Contract

Date Received:	January 10, 1979
No. of Bids:	4
Low Bid:	\$ 51,800.00*
High Bid:	\$ 57,650.00
Estimate of Cost:	\$ 32,000.00
Awarded to:	Montoney's Heating & Plumbing (Grove City, Ohio)

*Heating, Ventilating and Air Conditioning Contract is in excess of the filed estimate of cost; however, the total price of all contracts is within the total estimate of cost and is therefore being recommended for award as provided by Section 153.12 of the Ohio Revised Code.

February 2, 1979 meeting, Board of Trustees

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

STARLING-LOVING HALL IMPROVEMENTS - PHASE II (contd)

Plumbing Contract

Date Received:	January 10, 1979
No. of Bids:	6
Low Bid:	\$ 12,450.00
High Bid:	\$ 17,790.00
Estimate of Cost:	\$ 13,000.00
Awarded to:	J. A. Croson Plumbing & Heating (Columbus, Ohio)

Electrical Contract

Date Received:	January 10, 1979
No. of Bids:	9
Low Bid:	\$ 9,900.00
High Bid:	\$ 23,743.00
Estimate of Cost:	\$ 14,000.00
Awarded to:	Meisner Electric, Inc. (Newton, Iowa)

TOTAL ALL CONTRACTS: \$129,050.00

Total Contingency Allowance: \$ 12,813.94 which is 10 per cent of construction contracts

Funding: H.B. 618, Utilities and Renovation (1977-79 Biennium)

February 2, 1979 meeting, Board of Trustees

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

BARNEBEY CENTER IMPROVEMENTS

Description: Improvements will correct deficiencies and deteriorated condition of the facility.

General Contract

Date Received:	November 7, 1978
No. of Bids:	5
Low Bid:	\$ 16,800.00**
High Bid:	\$ 32,600.00
Estimate of Cost:	\$ 13,920.00
Awarded to:	Prater Construction Corporation (Columbus, Ohio)

Plumbing Contract

Date Received:	November 7, 1978
No. of Bids:	2
Low Bid:	\$ 12,940.00* **
High Bid:	\$ 43,062.20
Estimate of Cost:	\$ 10,460.00
Awarded to:	J. R. Mason, Inc. (Dublin, Ohio)

Waste Water Treatment Plant Contract

Date Received:	November 7, 1978
No. of Bids:	3
Low Bid:	\$ 32,850.00
High Bid:	\$ 33,780.00
Estimate of Cost:	\$ 35,000.00
Awarded to:	J. R. Mason, Inc. (Dublin, Ohio)

*Recommended alternates reflected in these figures.

**Although these bids were in excess of the estimates of cost, it is believed that better bids would not be received if these contracts were rebid.

February 2, 1979 meeting, Board of Trustees

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

BARNEBEY CENTER IMPROVEMENTS (contd)

Heating and Ventilating Contract

Date Received:	December 7, 1978
No. of Bids:	1
Low Bid:	\$ 16,400.00**
Estimate of Cost:	\$ 11,010.00
Awarded to:	Morris Sheet Metal, Inc. (Columbus, Ohio)

Electrical Contract

Date Received:	November 7, 1978
No. of Bids:	2
Low Bid:	\$ 6,415.00
High Bid:	\$ 8,477.00
Estimate of Cost:	\$ 6,695.00
Awarded to:	Claypool Electric, Inc. (Lancaster, Ohio)

Total All Contracts: \$ 85,405.00

Total Contingency Allowance: \$ 4,024.15 which is 5 per cent of construction costs

Total Project Cost: \$109,600.00

Funding: \$99,600 - H.B. 810, Item 315-074 (Utilities and Renovation, 1977-79 Biennium Reappropriation), and \$10,000 - Budget Account No. 533136 (School of Natural Resources)

**Although these bids were in excess of the estimates of cost, it is believed that better bids would not be received if these contracts were rebid.

February 2, 1979 meeting, Board of Trustees

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

NOW THEREFORE

BE IT RESOLVED, That pursuant to previous actions of the Board, construction projects were bid, contracts were recommended for award, establishment of contingency funds and expenditure of project funds are hereby reported.

Upon motion of Mr. Devenow, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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EASEMENT- CITY OF COLUMBUS

Resolution No. 79-91

Synopsis: Waterline easement for the City of Columbus is requested.

WHEREAS the City of Columbus on December 4, 1978, under Ordinance No. 2388-78, authorized the vacation of Michigan Avenue, West Ninth Avenue and alley south of West Ninth Avenue, subject to retention of easements for various utilities, for the purpose of rerouting traffic in the vicinity of the Ninth Avenue Parking Ramp; and

WHEREAS the University will construct a relief alley along West Eighth Avenue; and

WHEREAS the City of Columbus has requested a waterline easement along said relief alley; and

WHEREAS the appropriate University agencies have recommended that said easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to request the Department of Administrative Services, Director of Public Works, pursuant to his statutory duties to act for and on behalf of the University to process the necessary instruments to provide for said easement.

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

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February 2, 1979 meeting, Board of Trustees

PRESIDENT ENARSON'S REPORT

President Enarson:

Mr. Chairman and members of the Board, under the general category of President's Report, I have three items which I should like to discuss with you in the next few moments.

Veterans Administration Clinic

President Enarson:

The first item is the matter of the construction of a Veterans Administration Clinic on University property. This was announced publicly some days ago for reasons I am sure you are all familiar with. That is, it is customary for the appropriate congressman from the district to announce this and I think in this instance, it was uniquely appropriate because I want to say publicly that the University received a great deal of extremely important help throughout this entire transaction. What we've done in order to conserve your time is provide you with a memorandum which is being distributed now--a memorandum from me to you as individual members of the Board--which recites the history of this effort. I think that this is a fine addition to the health science medical care resources of the University, and I would like to have Dr. Cramblett speak to that point. I think in this written document the Board members will be reminded of the exact arrangements and your authorization to the Administration to enter into this, but I think it would be useful, Dr. Cramblett, for you to sketch what you see as the advantage of this facility to our University.

Dr. Cramblett:

Thank you, Mr. President, Mr. Chairman and members of the Board. I am very pleased that we have successfully culminated, with this action, the plans to build an independently standing VA Clinic on the West Campus. One of the items that came to our attention in 1973, as far as the medical center and health sciences are concerned was that we were lacking here at Ohio State, in comparison to other outstanding centers throughout the country, an affiliation with a VA hospital. There are approximately 67 VA hospitals in affiliation, associated geographically within medical centers in this country, and by and large, most of those medical schools and medical centers are the ones that are outstanding. We knew, at that time, that there was little possibility of ever having a VA hospital in Columbus. We were not sure why in the past this decision had not been made, but what we saw was a new effort on the part of the VA, and that was to build ambulatory clinics affiliated with university medical centers. Now the advantage to us, of course, is that it gives us additional access for our students--not only in medicine but in nursing and allied medical professions, pharmacy, optometry and dentistry--to additional patient care programs. From the standpoint of the VA,

February 2, 1979 meeting, Board of Trustees

PRESIDENT ENARSON'S REPORT (contd)

Veterans Administration Clinic (contd)

Dr. Cramblett: (contd)

it's clear from their experience that patient care is enhanced if they have a close affiliation with a university medical center. From the standpoint of staffing, the VA presently is authorized the equivalent of twelve full-time faculty physicians who will have joint appointments between the University and the VA Clinic. They have 75 supportive staff presently, but in the new facility, will expand to 125 supporting staff. They're serving a patient population of 32 counties. They are presently having approximately 30,000 outpatient visits per year. This will be expanded to approximately 50,000 patient visits by the time this facility is available to them. In addition to the sharing, in terms of educational programs and patient care programs, the University Hospitals will be able to share some of their equipment with the VA; the VA will be able to share some of their equipment and technology with us. So this will not only enhance their programs, but it will also enhance our own patient care programs. We think that this is a significant development, and I'm personally pleased that it's come to a successful completion at this point.

President Enarson: Thank you Dr. Cramblett. The second item that I--

Mr. Galbreath: Excuse me. Is Kenny and Carmack on the West Campus?

President Enarson: At this time, I think we anticipated you by having this up here.

Mr. Smith: Carmack is the road which runs across Stadium Drive to the West Campus.

President Enarson: Right.

Mr. Smith: Kenny is here and the site is in this area here.

Mr. Galbreath: Then the obvious question--

Dr. Sirak: It's behind the Veterinary Clinic, isn't it?

Mr. Smith:

Well, it's across Route 315 and the C&O, the Veterinary Clinic, but it is west of the Veterinary Clinic. The Veterinary Clinic is this building here.

Mr. Galbreath: Yes.

Mr. Smith: With 315 and the C&O here.

Mr. Galbreath: The obvious question is, why isn't it closer to University Hospital?

February 2, 1979 meeting, Board of Trustees

PRESIDENT ENARSON'S REPORT (contd)

Veterans Administration Clinic (contd)

President Enarson:

This is not an issue that we've taken lightly, it's a tough one and it's kind of a classic instance, classic problem in site location, because you have competing considerations. On the face of it, it would seem natural, logical, inevitable to put something immediately adjacent to the Hospitals. The same issue confronts us on the next topic, which I am going to ask Bill Vandament to speak to in a moment, and that's the Rehabilitation Center. The problem is that to the extent that you put anything over there next to the Hospital that requires any substantial land mass, you move directly in on the student playing field, and that's not a thing that I would do lightly.

Mr. Galbreath:

In other words, the answer is the amount of space was not available near the University Hospital.

President Enarson:

In our best judgment, all things considered, considerations of convenience of the VA, the veteran coming in, traffic, transportation, routing, and availability of space, the access of utilities, all argued for this; but, believe me, it's taken a lot of argument and a lot of pain and anguish.

Rehabilitation Center

President Enarson:

The second item, and your question leads very nicely and naturally into this, is the matter of where we stand on discussions with the Industrial Commission on the possible location on this campus of a Rehabilitation Center, and this is brought to you simply as an information item this afternoon to remind you that (a) it's been before the Board before, and (b) we hope that it will be before you again for some kind of formal action. Bill--

Dr. Vandament:

Thank you. Yes, we are undergoing now one of those painful and painstaking analyses of a siting problem for another facility--the disability prevention center that is planned to be constructed by the Ohio Industrial Commission. With the Veterans' Administration Clinic, we did, Mr. Galbreath, also want to insure in siting the clinic that we were siting it in a location that allowed for future expansion in the event that a full-scale VA hospital was to be constructed as well. You may recall that I reported to you in October about this matter. On January 16,

February 2, 1979 meeting, Board of Trustees

PRESIDENT ENARSON'S REPORT (contd)

Rehabilitation Center (contd)

Dr. Vandament: (contd)

1978, Governor Rhodes announced that he had instructed the Industrial Commission and the Bureau of Workers' Compensation to begin work immediately on two centers to rehabilitate injured workers; one of those centers to be located in the vicinity of The Ohio State University and one in Cleveland. The University representatives began meeting with representatives from the Industrial Commission in April, and then in October of 1978, representatives of the University were provided with copies of a program of requirements that had been drawn up by the Industrial Commission. The University staff presently is studying possible program cooperation areas and alternative sites for that facility as well. We know at this point that it will be possible with the development of the center for there to be considerable cooperation in several administrative services areas--for example, in laundry and in a variety of other support services--and we are attempting to define more clearly the types of program linkages that we would have to the center. The Office of Medical Affairs, Business and Administration, and Budget and Resources Planning are all working with Industrial Commission persons in this effort. An architect has been engaged by the Industrial Commission to develop plans for the building. I might give you a little information about it. It is envisioned to be a building of approximately 172,000 square feet--so it is no small undertaking--with the construction cost of \$11.2 million with the funds to be provided here by the Industrial Commission. It is envisioned that the center, which would be operated by a Division of Rehabilitation to be established within the Industrial Commission, would take care of approximately 548 patient visits per day. The Commission is presently thinking of phasing the project, starting first with outpatient services, and then eventually expanding to include some dormitory capabilities to house about 200 students. The staff when fully developed should number about 270 health professionals. We hope to have a recommendation to bring to the Board of Trustees at its March meeting concerning the siting of this building and calling for authorizing the construction of this facility then on University property.

President Enarson: Thank you.

Expression of Gratitude to Dr. Kuhn

President Enarson:

The third item is the matter of Dr. Kuhn's announced resignation as Provost effective June 30, and the steps I propose to take in searching for a successor. Members of the Board, Mr. Chairman, I propose to simply speak from the heart. It's been a great privilege as President to have Al Kuhn as Provost and Vice President for Academic Affairs of this University. It is literally impossible to

February 2, 1979 meeting, Board of Trustees

PRESIDENT ENARSON'S REPORT (contd)

Expression of Gratitude to Dr. Kuhn (contd)

President Enarson: (contd)

exaggerate both the difficulty and the importance of this job. The President's role is difficult at best; it becomes virtually intolerable unless one has somebody in whom one has complete confidence--confidence in that person's judgment, that person's essential humaneness, that person's toughness of mind, that person's sense of academic values. And this University has been graced by the presence of a truly outstanding academic administrator in Al Kuhn. I've watched him at close range now in these years, and he brings to every problem an abiding sense of fairness, sensitivity to the needs of human beings, and also an acute awareness of what's necessary in terms of the best interests of the University. And Al, you're going to be greatly missed.

We're not going to lose him fully, because he's--we're not going to lose him at all! He's reverting to his own true nature and his own true role as a teacher, and since on May 24--he doesn't know this yet--since on May 24, I become eligible under Program 60, I intend to sit in as an elder senior citizen in your class and for sheer torture I can't imagine anything worse than that on your part.

The search for a successor is already under way. We are advertising in the national publications, making announcements indicating that the position is open and that we welcome applications from competent candidates. And to state the obvious, we will be looking nationwide, we will also be looking inside the University. At this moment, there are no individuals who in any way have the inside track, either, in my thinking on this. I propose in this search to follow the same procedure which my predecessor Dr. Novice Fawcett did in finding and recruiting Dr. Kuhn. We do have, as the Board is well aware, the Steering Committee of the University Senate, which is a liaison group to this Board, among its many other duties. Incidentally, I'm neglectful in that I have not yet introduced the chairman of that board, Dr. Lou DiOrio. Would you stand up, Lou, so that everybody can see you. I met with the Steering Committee for several hours, I guess it was a week or so ago, we reviewed a number of matters, and I told the Steering Committee at that time that they were a logical group, for me as President, to look to as we move in and through this search process. I think of that group as being advisory to me and in a very real sense, ultimately to the Board. As we come down to the delicate and all-important process of reviewing the credentials of our top--our candidates--can a University as big and complex as ours . . .? It's very difficult to organize a search process which permits everyone to have their input. But I want to assure the deans, in the presence of at least one dean here, Roy Kottman, that the various deans will have an opportunity to meet any candidate who comes in and we'll try, to the extent humanly possible, to have the candidate or candidates talk with at least a representative sample of the faculty. But I will--to circle back--I will look to a great degree to the Steering Committee for its advice and counsel. And I think that's all I have to say about that, Mr. Chairman and members of the Board.

February 2, 1979 meeting, Board of Trustees

PRESIDENT ENARSON'S REPORT (contd)

Expression of Gratitude to Dr. Kuhn (contd)

President Enarson: (contd)

Dr. Sirak:

Dr. Kuhn, I too would like to add my personal expression of gratitude to you for what I consider to be a very, very outstanding job in a very, very difficult job, which I have watched, certainly not as closely as the President has, but close enough, I think, to know that I wouldn't want it, during the past eight years while I've been a trustee on the Board. I think you've done an exemplary job, and we were lucky to have had you for as long as we did and I do wish you Godspeed and more contentment in pursuit of things which are very dear to your heart in the new role which you'll have.

Dr. Kuhn:

Dr. Sirak and Mr. President and members of the Board, the President has asked me to give the Commencement address and there I shall try to articulate some of my academic beliefs and something that's germane to the University. Here I'd only say that it's been my privilege and honor to serve this Board, to serve this President, and to serve this great, great University in this role. It hasn't been easy, as all of you know, and I have 'grayed' a bit in the service. I shall return to the classroom where I hope to also serve in an exemplary fashion, because I have obviously a conviction that the quality of instruction in every classroom is ultimately what the University is all about. And I've tried to foster that excellence and I know this Board has, and I know the President has, and I look back at nearly eight years of service which, in some ways, seems very brief and in some ways an eternity. But I do appreciate the Board's support and the President's support and the general confidence of all my colleagues in administration, the faculty and the students. Thank you.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 79-92

RESOLVED, That the reports on the University's Investment Portfolio dated December 15, 1978 and January 19, 1979, 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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February 2, 1979 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, March 2, 1979, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Acting Secretary

Howard D. Sirak
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND FORTY-FIFTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, March 2, 1979

The Board of Trustees met at its regular monthly meeting on Friday, March 2, 1979, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Howard D. Sirak, Chairman, Patricia D. James, Chester Devenow, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens and Leonard J. Immke.

* * *

Minutes of the last meeting were approved.

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Dr. Sirak introduced the new member of the Board:

Leonard J. Immke, Columbus, Ohio, whose appointment was announced by Governor James A. Rhodes on February 1, 1979, for the unexpired term beginning November 15, 1978 and ending May 13, 1979, to succeed John L. Gushman, who resigned November 14, 1978.

March 2, 1979 meeting, Board of Trustees

The Chairman, Dr. Sirak, called the meeting of the Board of Trustees to order at 9:30 a.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering disputes involving the University that are the subject of imminent court action.

Present: Howard D. Sirak, Chairman, Patricia D. James, Chester Devenow, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens, and Leonard J. Immke.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

ELECTION OF SECRETARY

Resolution No. 79-93

WHEREAS Dr. Edward O. Moulton, who has served as Secretary of this Board, has terminated his service with the University; and

WHEREAS section 3335-1-02, paragraph (B) of the Administrative Code, provides for replacement of Board officers through election:

NOW THEREFORE

BE IT RESOLVED, That pursuant to section 3335-1-02, paragraph (B) of the Administrative Code, Madison H. Scott, who currently serves in the position of Vice President for Personnel Services, is hereby designated as Secretary for the Board of Trustees of The Ohio State University and is empowered to act on behalf of this board; and that all actions taken by Vice President Scott since January 2, 1979, on behalf of this Board are hereby affirmed and ratified.

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

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RESOLUTIONS IN MEMORIAM

Resolution No. 79-94

Synopsis: Resolutions honoring the service of two of this 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.

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

March 2, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

E. Allen Helms

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 23, 1979, of E. Allen Helms, Professor Emeritus in the Department of Political Science.

Dr. Helms graduated from the University of Illinois where he received the following degrees: A.B. in 1922, M.A. in 1923, and Ph.D. in 1927.

An authority on American politics, Professor Helms retired in 1967 from active teaching in Ohio State's Department of Political Science, which he joined in 1925. He was chairman of that department from 1960-62 and headed Ohio State's international studies program for six years.

Dr. Helms was the co-author of several books, including *American Politics* (with Peter H. Odegard), *Presidency in Transition*, and others. He wrote the *History of Municipal Government in Illinois, 1927*, and was state director for Ohio of a nationwide study, "Nomination Politics in 1952."

While teaching American politics as a visiting professor at Oxford University in 1951-52, he became known in England through frequent BBC broadcasts and lectures. He also accepted visiting professorships at various times at George Peabody College, Michigan State University, University of Wisconsin and University of Illinois.

Dr. Helms was named Ohio State's first "Arts College Professor of the Year" in 1947.

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

Raymond R. Starbuck

The Board of Trustees of The Ohio State University expresses its sorrow upon the death January 17, 1979 of Raymond R. Starbuck, Associate Professor Emeritus, Cooperative Extension Service.

Mr. Starbuck was born February 3, 1896 at Wilmington, Ohio. He attended Wayne Township High School in Clinton County, graduating in 1914. A Bachelor of Science in Agriculture degree was received from Wilmington College in 1917. A Master of Science degree was secured from The Ohio State University in 1932 with additional graduate work undertaken through 1934.

Mr. Starbuck joined the faculty of The Ohio State University as a County Extension Agent in Gallia County on October 1, 1934. He served in this position until August 31, 1938 when he resigned to accept a faculty position at Rio Grande College. He returned to The Ohio

March 2, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Raymond M. Starbuck (contd)

State University, Cooperative Extension Service employment on June 16, 1940 and from then until 1942 he held several short-time Extension positions in Coshocton, Athens, Auglaize, Fayette and Hardin Counties in addition to a southeastern Ohio poultry marketing position. On March 1, 1942 he transferred to Logan County and was there until December 1, 1944 when he accepted a position of Extension Dairyman, where he remained until retirement on February 28, 1957 after 20 years of Ohio State University faculty employment.

Mr. Starbuck was a dedicated and highly respected agricultural leader in Ohio. He was well known for his statewide efforts in dairy educational programs. He was also well known and respected among his peers on the Extension faculty. He will long be remembered for his outstanding contributions in Extension education.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Starbuck 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 of Mr. Starbuck as sincere appreciation of the Board's realization of the loss which the family, the University and his many friends and associates have sustained.

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**THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE
MEDICAL PRACTICE PLAN**

Resolution No. 79-95

WHEREAS on March 3, 1978, this Board adopted a "Medical Practice Plan and Policies Governing Faculty Professional Fee Income"; and

WHEREAS this action is the subject of litigation in the United States District Court and the Common Pleas Court of Franklin County; and

WHEREAS a committee of this Board has reached a tentative agreement with representatives of the plaintiffs for the settlement of the litigation:

NOW THEREFORE

BE IT RESOLVED, That University legal counsel be and they hereby are authorized, subject to the approval of the United States District Court, to enter into a settlement of the aforesaid litigation, which settlement constitutes an agreement to adopt and implement "The Ohio State University College of Medicine Medical Practice Plan," a copy of which is attached hereto and made a part of this resolution; it being understood that the newly adopted Plan will supercede and render null and of no effect the Medical Practice Plan adopted by this Board on March 3, 1978.

Upon motion of Mr. Havens, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution with Dr. Sirak, Mr. Devenow, Dr. Jacob, Mr. Hilliker, Mr. Havens and Mr. Immke casting affirmative votes and Mrs. James and Mr. Smith casting negative votes.

**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 Ohio State University and all regular and auxiliary faculty members appointed in a clinical department of the College of Medicine. This Practice Plan has been adopted by the Board of Trustees of The Ohio State University (hereinafter "Trustees") on March 2, 1979, to become fully effective on July 1, 1979, and can be amended only by formal action of the Trustees.

II. Definitions

For purposes of this Practice Plan:

- A. "Regular faculty member" shall mean a physician holding a faculty appointment requiring 50 per cent or more service to the University and holding the title of Professor, Associate Professor, Assistant Professor, or Instructor in a clinical department in the College of Medicine. (*OSU Faculty Handbook*, Chapter I, section 1.2.4)
- B. "Auxiliary faculty member" shall mean a person holding a clinical, adjunct, or other appointment in a clinical department in the College of Medicine and who is not a regular faculty member in that 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 income received by a faculty member or a partnership, corporation or agent on his or her behalf from such faculty member's patient care services.
- E. "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 per cent 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 being made during the initial two years; and that the OSU Board of Trustees shall appoint the remaining members (40 per cent of the membership) of the MRDF Board of Trustees.

**THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE
MEDICAL PRACTICE PLAN (contd)**

- F. "OSU" shall mean The Ohio State University.
- G. "Clinical departments" shall mean the following academic departments in the OSU College of Medicine: Anesthesiology, Family Medicine, Medicine, Obstetrics and Gynecology, Ophthalmology, Otolaryngology, Pathology, Pediatrics, Physical Medicine, Preventive Medicine, Psychiatry, Radiology, and Surgery.
- H. "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.
- I. "Dean" shall mean the Dean of the OSU College of Medicine.
- J. "Practice Plan Committee" shall mean a committee elected annually by and from the regular faculty members in the clinical departments, with each clinical department being entitled to elect one committee member for each ten (or fraction thereof) regular faculty members in the department. The Practice Plan Committee will advise the Dean, the Vice President for Health Sciences, 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.

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.

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 provided in Section VII of this Practice Plan. The OSU Hospitals will provide house staff.

March 2, 1979 meeting, Board of Trustees

**THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE
MEDICAL PRACTICE PLAN (contd)**

C. Practice Income

Subject to the obligations detailed in Section VII, 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.

D. Monitoring Activities Provided in Exchange for Compensation and Support

Effective academic performance of a faculty member in the College of Medicine is judged on the basis of teaching, research and scholarly publication, and service to the Department, the College or the University.

To assess the quality of the academic effort of the College of Medicine and to ensure that each member of that faculty is equitably compensated, it is necessary for the College administration to evaluate each faculty member's academic performance.

Information essential to these evaluations in the form of a quarterly activity report shall be provided by each faculty member to the Department Chairman and the Dean. The report shall be due thirty days after the end of each academic quarter.

The form shall be prepared by OSU and shall make provision for a report of the following:

1. Patient care activity in the OSU Ambulatory Clinic, including number of patients seen, tests, examinations or procedures performed, and number of students involved in such activity.
2. Patient care activity in the University Hospitals including number of patients admitted, tests, examinations or procedures performed, and number of students involved in such activity.
 - a) This will include a report of daily rounds showing number of patients seen and students involved.
3. Patient care activity in off-campus hospital or ambulatory facilities including number of patients seen, tests, examinations, and procedures performed, and number of students involved in such activity.
 - a) Where hospital care is involved, the report will show number of rounds, number of patients seen on each round, and number of students involved on each round.

March 2, 1979 meeting, Board of Trustees

**THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE
MEDICAL PRACTICE PLAN (contd)**

4. Number of lectures given or classroom-type meetings conducted, the subject matter, and the number of students involved.
5. Number of hours spent conducting research in laboratories on and off campus and number of students involved with that work.
6. Number and size of grants for research in which the faculty member is fulfilling a supervising role and number of students involved in that research under the faculty member's supervision.
7. Amount and extent of administrative duties relating to the educational mission of the College of Medicine including a listing of all committee memberships and estimate of time spent in those respective duties during the quarter.

IV. Professional Fees--Collection and Guidelines

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.

V. Cost Related to Patient Care Services

A. 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 Hospitals 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 Hospitals.

The Department Chairman and the Department Finance Committee will meet, no fewer than sixty days prior to the beginning of each academic year, with appropriate representatives of OSU and the OSU Hospitals to develop a department practice budget. That budget is to include the (direct and indirect) costs incurred in University facilities used by regular

**THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE
MEDICAL PRACTICE PLAN (contd)**

faculty members in that department to provide patient care services from which the 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 departmental 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 Hospitals makes a separate charge.

Appropriate OSU and OSU Hospitals cost records will be made available to the Department Chairman, the Department Finance Committee, and the Practice Plan Committee. Upon request, the Practice Plan Committee will meet with representatives of OSU and the OSU Hospitals to discuss such cost records, including proposed indirect costs and the amount of the charge for the teaching and research functions.

VI. 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 personnel training courses and attendance at professional and educational meetings.
 - 5. Costs of research laboratories, including salaries, maintenance, and equipment.

March 2, 1979 meeting, Board of Trustees

**THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE
MEDICAL PRACTICE PLAN (contd)**

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 per cent 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 per cent of the regular faculty members holding appointments in the department.
- D. Copies of departmental enrichment programs will be filed with the Department Chairman, the Practice Plan Committee, and the Dean, and shall be subject to their approval. The Department Chairman, 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 Chairman, the Practice Plan Committee, and the Dean.
- E. If a department does not, prior to June 30, 1979, 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 Chairman, the Practice Plan Committee or the Dean, or if recommendations for change in a program by the Department Chairman, 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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MEDICAL PRACTICE PLAN (contd)**

- F. Each Department Chairman 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.

VII. 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 Chairman 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 Chairman 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 Chairman and the regular faculty member cannot agree with the annual charges to be paid by the regular faculty member, the Department Chairman 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 recommendation to the regular faculty member involved in the

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**THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE
MEDICAL PRACTICE PLAN (contd)**

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.

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.

VIII. Discovery Relevant to Disputed 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 or by 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 Chairman of the Department and 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 Chairman 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 VIII (A).

**THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE
MEDICAL PRACTICE PLAN (contd)**

IX. 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.

X. Policies Affecting Auxiliary Faculty Members

The chairman 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 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.

XI. Policies Affecting Strict Full-Time Faculty Members

The Dean or Department Chairman 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 OSU Hospitals or the College of Medicine.

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**THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE
MEDICAL PRACTICE PLAN (contd)**

STATEMENT BY HAROLD L. ENARSON, PRESIDENT

It is our information that the plaintiffs in the Practice Plan litigation have agreed to the settlement proposal which was worked out between their representatives and the representatives of this Board in Judge Kinneary's court on February 15.

This has been a lengthy, complex, often rancorous controversy. The interests of the University and those of some faculty members were in sharp conflict. And, on some points, well-intentioned persons on both sides of the controversy simply disagreed over fundamental issues concerning the College of Medicine.

This settlement--a compromise practice plan--will not reconcile these clashing interests for all time nor finally resolve these disagreements. It does, however, define the rights and obligations of the University and members of the College of Medicine on a number of critical issues--and this is a distinct benefit to the University and to the faculty. It also provides a framework as well as orderly procedures for resolving problems--and this can be a distinct benefit to the University and to the faculty given good-faith efforts by all parties.

I am advised by counsel that it is the mark of a good settlement when everyone is less than wholly satisfied. In that case, the proposed settlement is very likely an excellent one.

The proposed Practice Plan will, however, go a long way to ensure that our goals of accountability to the taxpayers, equity among faculty, and a planned, ordered academic improvement program for the College of Medicine are met.

Under this Plan:

1. The University Hospitals will recover direct and indirect costs for facilities and services supplied to faculty members. Presently, the University recovers only partial direct costs from most departments.
2. Each department will be required to have and fund a mandatory academic improvement program that is approved either by (a) the department chairman, the dean, and a college-wide faculty committee, or (b) the Board of the Medical Research and Development Foundation. Presently, participation for academic improvement is voluntary, with contributions not necessarily made for clearly defined departmental needs.
3. The University has reinforced its prerogatives to:
 - a) reallocate general funds among departments,

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**THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE
MEDICAL PRACTICE PLAN (contd)**

President Enarson (contd)

- b) adjust salaries on the basis of teaching and research responsibilities,
 - c) allocate the State's Clinical Teaching Facilities appropriation among departments on the basis of teaching and research activities, and
 - d) establish rates to be charged faculty for University facilities and services.
4. A method will be established for monitoring academic improvement expenditures through the accounts of the Medical Research and Development Foundation (MRDF). Presently, funds described as academic enrichment funds are channeled through a patchwork of accounts--i.e., University rotary accounts, the Development Fund, individual and group practice corporations--so that accounting and review are impossible.
 5. The MRDF will allow a direct review of College of Medicine activities by the Board of Trustees and the University central administration.
 6. Appeal procedures to a peer group will be established to assure that individual faculty members are assessed equitably for practice and academic improvement costs within a department.
 7. The University will receive information about each faculty member's practice activity needed: (a) to be accountable for activities conducted in its name, and (b) to help insure equitable treatment of individual faculty members. Income disclosure will also be available if needed to resolve differences about these matters.

The Plan is, however, only a written policy. It will work only if everyone in this process works in good faith to make it succeed.

Most practice plans either require a fixed predetermined ceiling on practice income or some fixed predetermined percentage of practice income. The proposed settlement does neither. Instead, it is premised on the assumption that the collective faculty will act in good faith in developing academic improvement plans which are fair to the individual faculty member and which also promote the academic quality of the departments.

Plainly, such an approach is not self-enforcing. However, it clearly provides the opportunity and the challenge to move this medical school forward. It is in this larger sense that this Plan must satisfy now and in the future the need for accountability to the public--the public which built the Medical Center and sustains it.

March 2, 1979 meeting, Board of Trustees

**THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE
MEDICAL PRACTICE PLAN (contd)**

President Enarson (contd)

We pledge our best efforts to work in good faith with the medical faculty to make this Plan work, and to improve our College of Medicine in the best ways we can. And we hope for, we expect, the good-faith efforts of the faculty as well.

Could this conflict have been avoided? I am content to leave this judgment to others.

However, one observation is unarguable: Despite years of discussion and failed efforts to develop a mutually acceptable approach, the issues in dispute were not resolved short of the clear and present prospect of a trial in federal court-- a trial which both the plaintiffs and the defendants wished to avoid.

Was the controversy worth it? Only the future can tell. This Board did determine that new arrangements were necessary. And as I stated earlier, we will now have a Practice Plan in place. Other major universities have endured similar controversies and moved ahead to build ever stronger programs in academic medicine.

In this connection, may I publicly express my appreciation to the Committee of Trustees for the time and devotion given to this matter. My special thanks go to our two Chairmen, Jack Gushman and Dr. Howard Sirak.

I believe that if everyone will now join together to make this Practice Plan work, the College of Medicine will become a much stronger one in the future than it has been in the past. I believe the adoption of this Plan at this time is clearly in the best interests of the University, and I recommend its approval to you.

STATEMENTS BY TRUSTEES

Mr. Warren Smith:

I just want it to show on the record that I have serious misgivings about the compromise that has been reached. I think that the settlement really compromises the major premise of any practice plan, whether it is at Ohio State University or any university for that matter. In our discussions it has been argued to me that when I see the plan in operation, I will see that my misgivings are not well placed. That may be true and it may not be true. But since this settlement apparently is going to go forward by majority vote of this Board, I think any comments from me right now would distract from the good-faith effort of the parties as they move towards that settlement. Therefore I would prefer not to make any public comments on the plan at this time, but to withhold them until I see the plan in operation.

Dr. Sirak: Any further discussion?

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**THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE
MEDICAL PRACTICE PLAN (contd)**

Mrs. James:

Mr. Chairman, I share some of the same feelings that Mr. Smith has expressed, but from listening to Dr. Enarson's statement, I, too, am persuaded that it is important to move forward; that doesn't alleviate my concerns about what I consider to be the major changes in the plan, but I will also be watching very carefully what happens and intend to express myself very clearly if things go as I'm afraid they might.

Dr. Sirak: Are there any other Trustees who wish to comment?

Mr. Devenow:

Mr. Chairman, I would like to give special thanks to Mr. Jack Havens and Dr. Jacob and yourself for the great effort you put forth in order to resolve this problem, and also for putting it into focus so that the Board could make a decision on its merits. I am sure the Board and the University are grateful for the effort and time you put into it.

Dr. Jacob:

Mr. Chairman, as an individual who was brought into the determination about midpoint, in November I think you called me, I would like to say that I'm happy with the way things have gone and the fact that we have been able to reach an agreement without going into the court litigation procedures and dragging them out for years. However, I think that the concerns expressed by Pat and Warren are shared by myself and I think that all of us have the incumbent duty of watching how the plan operates. And I would certainly want it to be understood that as long as I am on the Board, which will be five more years, God willing, that the plan is subject to adjustments and revisions if we find that it is not working as we honestly believe that it can work, it should work, and hopefully will work.

Dr. Sirak:

I, as your current chairman, am most pleased that we have achieved a resolution of the practice plan which a committee of us started two years ago to formulate. This committee was appointed by Chairman John Gushman and was comprised of Kathy Schoen, Bill Vandament, Eric Gilbertson and myself.

I know that I speak for all of the Trustees when I express the Board's appreciation to Judge Kinneary for the assistance he gave us in his court last week.

I am sure that I express the sentiments of each Trustee when I emphasize how hopeful we all are that all of our medical faculty will return promptly and enthusiastically to their individual and collective roles of teaching, patient care, and research. These are responsibilities that the citizens of Ohio may rightfully expect

March 2, 1979 meeting, Board of Trustees

**THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE
MEDICAL PRACTICE PLAN (contd)**

Dr Sirak: (contd)

them to fulfill in exemplary fashion. Furthermore, I am sure that all of us, Trustees and Administration, are expecting that all parties adhere to the letter and the spirit of this practice plan by acting in good faith and with earnestness to make our medical school both academically and health-care wise a great one. It has the potential to become one of the great ones in this country. This I personally know from my long years of association with it. Mr. Secretary, would you call the roll, please.

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**ELIMINATION OF PHYSICAL EDUCATION AS
UNIVERSITY DEGREE REQUIREMENT**

Resolution No. 79-96

Synopsis: Elimination of physical education as a University degree requirement is being proposed.

WHEREAS the Division of Physical Education of the School of Health, Physical Education and Recreation requested in March 1977 that the University physical education degree requirement (rule 3335-7-08 of the Administrative Code) be deleted; and

WHEREAS an elective program in physical education will promote continuous response to changing activity interests of students, new program design and improved teaching; and

WHEREAS an elective program will increase opportunity for upper division students to select and schedule courses which appeal to their needs for leisure skills, specific fitness concerns, and/or knowledge of sports in society; and

WHEREAS many other major universities both within and outside the Big Ten have in recent years changed from a required to an elective program in physical education; and

WHEREAS individual colleges and schools may choose to institute, with Council on Academic Affairs approval, a physical education requirement as a part of the requirements for the degrees they administer; and

WHEREAS an increase of free elective hours from 12 to 15 (rule 3335-7-06 of the Administrative Code) will permit students to further their non-programmatic educational interests; and

WHEREAS experience at other universities suggests that elective physical education course enrollments initially decrease significantly but then return to nearly the same levels experienced while a degree requirement; and

March 2, 1979 meeting, Board of Trustees

**ELIMINATION OF PHYSICAL EDUCATION AS
UNIVERSITY DEGREE REQUIREMENT (contd)**

WHEREAS the Division of Physical Education will need special consideration during a transition period in regard to fiscal arrangements, staffing patterns, graduate student enrollment and support, and access to facilities:

NOW THEREFORE

BE IT RESOLVED, That the recommendation from the University Senate be adopted as approved on January 13, 1979; to wit:

- 1) Three hours of physical education as a University degree requirement (rule 3335-7-08 of the Administrative Code) be deleted, effective Autumn Quarter, 1979; and
- 2) Those three hours vacated by such elimination be added to the present 12 hours required as free electives in all baccalaureate degree programs (rule 3335-7-06 of the Administrative Code); and
- 3) An appropriate transition period be employed by the University for necessary fiscal and curricular adjustments.

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

President Enarson called upon Dr. Kuhn to make a statement.

Dr. Kuhn:

Mr. President and members of the Board, the elimination of the requirement of three hours of physical education, University wide, has been discussed in various University bodies for the past two and a half years. I think it is fair to say that our University, among the large public and private universities, is the last to retain a physical education requirement. It is probably (physical education, that is) a vestige of the old *in loco parentis* concept. Many student bodies in many universities have agitated quite actively for the abolition of such requirements; that has not been the case here. It has not been the students who have agitated for the removal of this requirement, but we felt that it was time that we did away with the requirement which would then allow three hours further of elective requirements in the curriculum of our students. As I say, this has gone through the University Senate, has been discussed there; and with the resolution here there is a following resolution which is simply housekeeping, inasmuch as two or three other rules are affected and must be changed--if, indeed, the requirement is accepted. I think with that I would like to have Professor Charles Mand, who is the Chairman of the Physical Education Department, take just a couple of minutes to give his department's view of this and, indeed, to look forward to what implications this will have for physical education in the University. Dr. Mand--

March 2, 1979 meeting, Board of Trustees

**ELIMINATION OF PHYSICAL EDUCATION AS
UNIVERSITY DEGREE REQUIREMENT (contd)**

Dr. Charles Mand:

As the Provost has explained, this matter has been discussed for almost two and a half or three years. Much of the initiation came through our department itself. We believe that the requirement represented an anachronism in the life of the University. We feel that a strong program of offerings to students in physical education is important. We intend to continue with such a program, but we feel that we ought to be part of the ordinary sequence of events in the University. At this point, we represent the only all-University requirement. Other requirements are by college or curriculum, not by fiat of the Board of Trustees, in a sense, which is as again the Provost has suggested, I think. It has been since the 1890's or early 1900's that this requirement has been on the books; it has been modified one or two times. We have in the past several years--in preparation for moving to an elective program--we have changed our scheduling procedures to be a part of the ordinary computer scheduling (which is a help to students at this point in time) rather than doing it with long lines and by hand the first week of classes. That has been a plus, I think. We, in addition, have, I think, revitalized our curriculum to take and show concern for the needs of students in this day and age to individualize programs as we reflect upon and as students reflect upon their need for lifetime fitness, lifetime sport skills--other types of pursuits which are more popular today. All of those have been built into the program.

At the University of Wisconsin, at Berkeley, at other places that have moved from a requirement to an elective program in the last decade--many of those places did this in some distress, I might add, under pressure. That is not the case here, whether from the student or the administration or from other members of faculties across campus; this is a suggestion to be done, which we think is in keeping with the 1970's. But in those institutions where they moved to an elective program, there has been an immediate drop in enrollment and then within two or three years the enrollment has climbed back to, not only existing standards as at the time of dropping the requirement, but it has even grown as students have better opportunity to participate. You see, one of our major problems is that each quarter we close out a thousand to two thousand students who seek some activity, and basically word gets out among students who are juniors, seniors, sophomores--why sign up, you are going to get closed out, we are trying to meet the responsibilities of people in the freshman class or those that need these credits for graduation. I feel that--what we feel in our department and I think the University agrees--this will provide an opportunity--better opportunity--for those students who seek this sort of educational experience, rather than forcing some who are not particularly at this point in their career. We are confident, given a modest grace period, that we have a sufficiently attractive program that is sufficiently worthwhile and significant to students, that enrollment will be back to where it was in the past year if we do drop and go to an elective program. We anticipate that we will be able to do some things for students and with students that we have not been able to accomplish under the existing circumstances. That is all really I have to say unless there are some questions you might ask.

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**AMENDMENTS TO RULES 3335-7-06, 3335-7-21 AND 3335-9-30 AND DELETION
OF RULES 3335-7-08 AND 3335-7-09 OF THE ADMINISTRATIVE CODE**

Resolution No. 79-97

Synopsis: Approval of amendments to rules 3335-7-06, 3335-7-21 and 3335-9-30 and deletion of rules 3335-7-08 and 3335-7-09 of the Administrative Code is being proposed.

WHEREAS the University Senate pursuant to rule 3335-1-08 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments and deletions to *Rules of the University Faculty* as approved by the University Senate:

3335-7-06 Curricular requirements.

Number of free elective credit hours changes from twelve to fifteen hours.

3335-7-21 Marks.

Deletes reference to physical education requirement.

3335-9-30 Requirements for an undergraduate degree.

Deletes reference to reduction of the stated minimum number of credit hours required in curriculum for a degree or certificate.

NOW THEREFORE

BE IT RESOLVED, That the amendments to rules 3335-7-06, 3335-7-21 and 3335-9-30 of the Administrative Code and deletion of rules 3335-7-08 and 3335-7-09 of the Administrative Code, as approved by the University Senate at its meeting February 10, 1979, be adopted by the Board of Trustees for inclusion in the next publication of the *Rules of the University Faculty*.

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

RULES

3335-7-06 Curricular requirements.

Every undergraduate curriculum must provide for a minimum of fifteen hours of free electives. (B/T 1/10/75, B/T 3/2/79)

March 2, 1979 meeting, Board of Trustees

RULES (contd)

3335-7-21 Marks.

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

- (2) Among these thirty credit hours, an undergraduate student may elect pass/non-pass grading for courses in fulfillment of the curricular requirements of rule 3335-7-06 of the Administrative Code.

3335-9-30 Requirements for an undergraduate degree.

- (C) Have satisfactorily completed the number of credit hours required for the curriculum he is pursuing. The minimum number of credit hours required in each curriculum shall include the credit hours required under rules 3335-7-06 and 3335-7-07 of the Administrative Code. Credit hours are considered as "satisfactorily completed" only if the student has received, at this university, the mark "A," "A-," "B+," "B," "B-," "C+," "C," "C-," "D+," "D," "EM," "K," "S," or "PA" in those hours (see rule 3335-7-21 of the Administrative Code).

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**ESTABLISHMENT OF ACADEMIC DIVISIONS AT THE
AGRICULTURAL TECHNICAL INSTITUTE (WOOSTER)**

Resolution No. 79-98

Synopsis: Establishment of academic divisions at the Agricultural Technical Institute, Wooster, Ohio, is being proposed.

WHEREAS the Council on Academic Affairs has approved the request of the College of Agriculture and Home Economics to establish academic divisions at the Agricultural Technical Institute, Wooster, Ohio; and

WHEREAS the Agricultural Technical Institute, Wooster, Ohio, is a unit of The Ohio State University for instruction leading to the associate of applied science degree in the agricultural technologies (paragraph (l) of rule 3335-1-05 of the Administrative Code); and

WHEREAS the Institute has grown to include a faculty of 50 persons and a student body of 786; and

WHEREAS the establishment of divisions at the Institute will provide for more efficient administration of its academic units; and

WHEREAS the proposed divisions are in accordance with the definitions and criteria set forth in rule 3335-3-34 of the Administrative Code:

March 2, 1979 meeting, Board of Trustees

**ESTABLISHMENT OF ACADEMIC DIVISIONS AT THE
AGRICULTURAL TECHNICAL INSTITUTE (WOOSTER) (contd)**

NOW THEREFORE

BE IT RESOLVED, That the recommendation from the University Senate for the creation of the following divisions at the Agricultural Technical Institute, Wooster, Ohio, be approved with the action effective July 1, 1979:

Division of General Studies,
Division of Agricultural Business Technologies,
Division of Agricultural Mechanics Technologies,
Division of Animal Industries Technologies, and
Division of Horticulture Industries Technologies.

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

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HONORARY DEGREES

Resolution No. 79-99

Synopsis: Approval is requested for awarding honorary degrees.

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 the honorary degrees listed below:

Rupert L. Atkin	Doctor of Science
Soichiro Honda	Doctor of Humane Letters
Melvin S. Newman	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.

Upon motion of Dr. Jacob, seconded by Mr. Devenow, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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March 2, 1979 meeting, Board of Trustees

DEGREES AND CERTIFICATES - WINTER QUARTER COMMENCEMENT

Resolution No. 79-100

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

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on March 16, 1979, 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. James, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 79-101

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the February 2, 1979 meeting of the Board, including the following Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves and Emeritus Titles, as detailed in the University Budget for 1978-79 be approved.

March 2, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments

Name: S. EARL BROWN
Title: Dean, College of Social and Behavioral Sciences, and Professor, Department of Geography
Effective: March 1, 1979
Salary: \$42,000.00 (12 months)
Present Positions: Acting Dean, College of Social and Behavioral Sciences, and Professor, Department of Geography

Name: DONALD LEWIS FRY
Title: Professor (S. Robert Davis Chair of Medicine)
Departments: Medicine and Pathology
Effective: March 1, 1979
Salary: No Salary (0 per cent time)
Present Position: Chief of the Laboratory of Experimental Atherosclerosis at the National Heart, Lung and Blood Institute, Bethesda, Maryland

Leaves of Absence Without Salary

FAITH N. KERSEY, Instructor, Department of English, effective October 1, 1979 through March 31, 1980, for personal reasons.

CATHERINE E. MORRISON, Instructor, School of Nursing, effective January 1, 1979 through March 31, 1979, for personal reasons.

Professional Improvement Leaves

HOWARD FINK, Professor, College of Law, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

GIDEON A. FRAENKEL, Professor, Department of Chemistry, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

RANBIR SANDHU, Professor, Department of Civil Engineering, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

GIACOMO SANI, Professor, Department of Political Science, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

ULRICH GERLACH, Associate Professor, Department of Mathematics, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

March 2, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leaves (contd)

WILLIAM M. SUMNER, Associate Professor, Department of Anthropology, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

Emeritus Titles

CARL S. JOHNSON, School of Natural Resources, with the title Professor Emeritus, effective February 1, 1979.

GEORGE G. THOMPSON, Department of Psychology, with the title Professor Emeritus, effective April 1, 1979.

Upon motion of Mrs. James, seconded by Mr. Hilliker, 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. 79-102

Synopsis: The reports on contracts, grants and gifts and the summary for January 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 (December 1978) during the month of January 1979, be approved.

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

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR JANUARY 1979

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	63	\$3,807,730.00
Engineering Experiment Station	3	119,181.00
		\$3,926,911.00

December 1978

The Ohio State University Development Fund	7,771 Donors	\$2,707,848.47
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Establishment of Named Funds

The Greek Affairs Education Fund (Student and alumni training programs and resource and educational materials)		\$ 12,000.00
William Quicksall Memorial Scholarship in Civil Engineering (Undergraduate students in civil engineering)		10,000.00
Eunice J. Wertenberger Fund (Department of Human Nutrition and Food Management)		10,000.00
The Robert M. Augspurger Memorial Scholarship Fund (Third-year medical students)		6,000.00

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

New Presidents Club Members, December 1978

Ann M. Ascham (Mrs. Wilbur R.)	James R. Lawrence
Robert B. Barnett, Jr.	R. Tighe Magnuson
Frank H. Batsche, Jr.	Claudia H. Marsh
John C. Berryhill	Douglas J. Michael
Richard H. Bracken	Emmett Millit
George G. Brown	Thomas D. Murnane
Cheryl C. Brumbaugh	Timothy P. Nagy
Walter C. Buchsieb	James H. Nelson, III
Russell T. Bundy	Anne E. Newman
Frank H. Buurma	Joanne P. Nordholt (Mrs. John B., Jr.)
Elizabeth G. Carlin (Mrs. David P.)	Glenn F. Oliver, Jr.
Sally R. Carlin (Mrs. Philip E.)	Richard O'Shaughnessy
Ward C. Case	Mark Osterheld
Thomas L. Chase	Jerry B. Pausch
G. Eugene Cleveland	Franklin E. Perry
Christine D. Cline (Mrs. Arthur R.)	F. Douglas Reardon
William E. Copeland, Jr.	Leslie A. Rector
John M. Costello	James F. Riley
Marjorie A. Coyle (Mrs. William R.)	John S. Roby
Karen Kramer Deak	Kenneth C. Ryan
Don D. DeCenso	David R. Schooler
John W. Demidovich	S. Dean Schooler
Jon P. Detwiler	Dennis V. Shaw
Jim S. Deyo	James V. Shaw
William R. Diehl	Barbara G. Skillman
Sally K. Ebling (Mrs. John)	Elizabeth M. Skillman (Mrs. Thomas G.)
John T. Eby	R. Dale Smith
Garnet Engle (Mrs. W. Eugene)	Stephen D. Smith
W. Eugene Engle	Ralph E. Snelson
Michael A. Filbin	Larry D. Snyder
James L. Fisher	James H. Sockman
Warren E. Fishman	Charles Spragg
Nathan A. Goldberg	Marie M. Steffel (Mrs. Victor L.)
Jeffrey B. Gudenkauf	Thomas V. Steffel
John A. Harchanko	John T. Skinner
Clark E. Harmon	Lajos Szabo
Eugene J. Heyman	Ned A. Thomas
Olin R. Johanssen	Patrick C. Thomas
Earl J. Johnson	Marlene A. Tope
Clair E. Jones	Anne K. Tsitouris (Mrs. Chris C.)
Robert L. Joseph	Thomas E. Tuckerman
James A. Joy	John R. Waldo
Diane M. Kiddie	William S. Wickes
Steven E. Kincaid	Michel D. Wilcox
John J. Kramer	Bradford B. Woelfel
Thomas K. Larva	Terry Wyand
Anna Marie Lash (Mrs. Albert J.)	

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$284,226.00 - Department of Health, Education and Welfare, National Institute of Education, Washington, D. C., ERIC Information Analysis Center for Science, Mathematics, and Environmental Education, Academic Faculty of Science and Mathematics Education (R. W. Howe), 1 January 1979 through 31 December 1979. (Project 761083 - Continuation)

\$273,519.00 - Department of Labor, Washington, D. C., A Formative Evaluation of the Private Sector Initiative Program and HIRE II, Department of Political Science (R. B. Ripley), 1 February 1979 through 31 March 1980. (Project 761515 - New)

\$240,000.00 - Environmental Protection Agency, Washington, D. C., Development of a Tissue Selective *in vivo* Bioassay for Environmental Agents Producing DNA Damage, Department of Radiology (R. W. Hart), 26 December 1978 through 25 December 1979. (Project 761447 - Continuation)

\$147,397.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Characterization of the Chemical Constitution and Profile of Pharmacological Activity of PGB_x, College of Pharmacy (R. W. Doskotch, A. M. Burkman and D. D. Miller), 1 January 1979 through 31 December 1979. (Project 761474 - New)

\$120,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Basic Research for the Earth Dynamics Program, Department of Geodetic Science (I. I. Mueller), 1 February 1979 through 31 January 1981. (Project 761054 - Continuation)

\$105,500.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., Language and Area Center for Slavic and East European Studies, Department of Slavic Languages and Literatures (L. I. Twarog), 1 September 1978 through 31 August 1979. (Project 760746 - Continuation)

\$105,100.00 - National Science Foundation, Washington, D. C., Paleoclimatic Ice Core Records from the Tropical Quelccaya Ice Cap, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot) and Institute of Polar Studies (L. G. Thompson), 1 January 1979 through 31 December 1979. (Project 761519 - New)

\$99,619.00 - Department of the Army, Maryland Procurement Office, Fort George G. Meade, Maryland, Superdirective Arrays, ElectroScience Laboratory, Department of Electrical Engineering (E. Newman), 24 October 1978 through 23 October 1979. (Project 761428 - New)

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$92,104.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Propeller Aeroacoustic Methodologies - Comparisons of Propeller Performance and Acoustic Analyses with Wind Tunnel and Flight Test Measurements, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and K. Korkan), 15 January 1979 through 14 January 1980. (Project 761510 - New)

\$84,980.00 - National Science Foundation, Washington, D. C., Dynamics and Control of Industrial Manipulators and Legged Locomotion Systems, Department of Electrical Engineering (R. B. McGhee, C. A. Klein and S. H. Koozekanani), 1 January 1979 through 31 December 1979. (Project 761487 - Continuation)

\$79,512.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, An Investigation into Pilot and System Response to Critical In-Flight Events, Department of Industrial and Systems Engineering (T. H. Rockwell and W. C. Giffin), 27 October 1978 through 26 April 1980. (Project 761415 - Continuation)

\$75,513.00 - Department of Health, Education and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Postoperative Recovery Mechanisms and Retention, Department of Psychology (D. R. Meyer and P. M. Meyer), 1 January 1979 through 31 December 1979. (Project 761470 - Continuation)

\$70,489.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Acoustic and Performance Evaluation of General Aviation Propellers by Flight Research, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and K. Korkan) and Department of Aviation (G. S. Weislogel), 18 December 1978 through 30 April 1980. (Project 761471 - New)

\$68,800.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Separated Flow, Department of Aeronautical and Astronautical Engineering (O. Burggraf), 1 January 1979 through 31 December 1979. (Project 760325 - Continuation)

\$62,988.00 - National Science Foundation, Washington, D. C., Comparative Auxin/Acid Physiology of Roots and Coleoptiles, Department of Botany (M. L. Evans), 15 December 1978 through 31 December 1980. (Project 761490 - Continuation)

\$60,000.00 - National Science Foundation, Washington, D. C., Mechanistic Studies of Nucleotidyltransferases, Department of Chemistry (P. A. Frey), 1 January 1979 through 31 December 1980. (Project 760488 - Continuation)

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$59,865.00 - Department of Health, Education and Welfare, National Institute of Education, Washington, D. C., The Learning of Discourse Rules by Culturally Different Children in First Grade Literacy Instruction, Academic Faculty of Early and Middle Childhood Education and Mershon Center for Education in National Security (J. S. DeStefano) and Department of Psychology and Mershon Center for Education in National Security (H. B. Pepinsky), 1 January 1979 through 30 June 1980. (Project 761495 - New)

\$56,356.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Detail Characteristics of Coronary Blood Flow, Department of Aeronautical and Astronautical Engineering (R. M. Nerem), Department of Veterinary Clinical Sciences (W. W. Muir) and Department of Veterinary Physiology and Pharmacology (R. L. Hamlin), 1 January 1979 through 31 December 1979. (Project 763797 - Continuation)

\$48,049.00 - National Endowment for the Humanities, Washington, D. C., Summer Seminar: Current Issues in Linguistics Theory, Department of Linguistics (A. Zwicky), 1 January 1979 through 30 September 1979. (Project 761480 - New)

\$45,000.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Ignition, Combustion, Detonation and Arresting of Unconfined and Confined Reactive Mixtures, Department of Aeronautical and Astronautical Engineering (R. Edse), 1 April 1979 through 31 March 1980. (Project 761050 - Continuation)

\$45,000.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Compressible Subcritical Airfoil Design and Test, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek), 15 January 1979 through 14 January 1980. (Project 760969 - Continuation)

\$37,824.00 - Department of the Air Force, Air Force Office of Scientific Research, Washington, D. C., Coordinative and Strategic Aspects of Tracking Discontinuous Inputs, Department of Psychology (R. Jagacinski), 15 September 1979 through 14 September 1980. (Project 761260 - Continuation)

\$34,952.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Analysis of Airborne Antenna Patterns, ElectroScience Laboratory, Department of Electrical Engineering (W. D. Burnside), 16 January 1979 through 15 January 1980. (Project 761012 - Continuation)

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$31,435.00 - Department of the Army, Army Medical Research and Development Command, Washington, D. C., The Synthesis of Certain 4'- and 5'- Modified Nucleosides as Potential Antitrypanosomal Agents, Department of Chemistry (J. A. Secrist, III), 15 February 1979 through 14 February 1980. (Project 761036 - Continuation)

\$31,372.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Antiarrhythmic Studies on 2-Substituted Aminoindenes, College of Pharmacy (R. G. Rahwan), 1 January 1979 through 31 December 1979. (Project 761015 - Continuation)

\$30,000.00 - U. S. Bureau of Mines, Washington, D. C., Coal Dust Combustion in a Stirred Reactor: Evaluation of Combustion and Extinction Mechanisms in Coal Dust Explosion Flames, Department of Mechanical Engineering (R. H. Essenhigh and R. A. Razgaitis), 1 January 1979 through 31 December 1979. (Project 761506 - New)

\$29,207.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Short-Term Dietary Control of Rat Liver Lipogenesis, Department of Food Science and Nutrition (J. B. Allred), 1 January 1979 through 31 December 1979. (Project 760592 - Continuation)

\$17,148.00 - National Endowment for the Humanities, Washington, D. C., Survey of Research Tool Needs in Slavic Languages and Literatures, Department of Slavic Languages and Literatures (K. E. Naylor), 1 November 1978 through 31 December 1979. (Project 761455 - New)

\$15,000.00 - National Science Foundation, Washington, D. C., Avian Foraging Behavior, Department of Zoology (T. C. Grubb), 1 January 1979 through 31 December 1979. (Project 761505 - New)

\$10,170.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Symposium/Workshop on Unified Approach to Scattering of Acoustics, Electromagnetic and Elastic Waves Focused on the T-Matrix Method, Department of Engineering Mechanics (V. K. Varadan and V. V. Varadan), 1 December 1978 through 30 September 1979. (Project 761454 - New)

\$10,000.00 - Department of Transportation, National Highway Traffic Safety Administration, Washington, D. C., Crash Test Facility Propulsion and Control System - Detailed Design and Component Specification, Department of Mechanical Engineering (D. Guenther), 1 February 1979 through 31 March 1979. (Project 761520 - New)

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$10,000.00 - National Science Foundation, Washington, D. C., Symposium on Molecular Spectroscopy, Columbus, Ohio, June, 1979, Department of Physics (K. N. Rao), 15 January 1979 through 31 December 1979. (Project 761491 - New)

\$7,250.00 - Department of Transportation, National Highway Traffic Safety Administration, Washington, D. C., Factors Affecting Crash Test Facility Design, Department of Mechanical Engineering (D. A. Guenther and H. Engelman), 1 October 1978 through 16 February 1979. (Project 761436 - New)

\$1,050.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., Foreign Language and Area Fellowships, Graduate School (J. B. LaPidos), 1 July 1977 through 30 June 1978. (Project 760761 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS \$2,489,425.00

State of Ohio Research Contracts/Grants

\$197,499.00 - State of Ohio, Department of Health, Columbus, Ohio, Care of the High-Risk Mother and Infant, Department of Pediatrics (L. Cordero), 1 October 1978 through 30 September 1979. (Project 764100 - Continuation)

\$73,700.00 - State of Ohio, Department of Health, Columbus, Ohio, The Ohio State University Family Planning Division - Fertility, Department of Obstetrics and Gynecology (F. P. Zuspan), 1 October 1978 through 30 September 1979. (Project 763510 - Continuation)

\$25,000.00 - State of Ohio, Department of Health, Columbus, Ohio, The Ohio State University Family Planning Division - Infertility, Department of Obstetrics and Gynecology (M. H. Kim), 1 October 1978 through 30 September 1979. (Project 763509 - Continuation)

\$18,188.00 - State of Ohio, Department of Education, Columbus, Ohio, Consortium for the Development of Professional Materials for Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1978 through 31 August 1979. (Project 761419 - New)

\$16,500.00 - State of Ohio, Ohio Historical Society, Columbus, Ohio, Regional Archaeological Preservation - Office 6A, Department of Anthropology (W. Dancy and F. K. Deaver), 1 January 1979 through 30 September 1979. (Project 761476 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$ 330,887.00

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants

\$400,000.00 - Electric Power Research Institute, Palo Alto, California, Corrosion and Corrosion Cracking for Water Cooled Reactors, Department of Metallurgical Engineering (R. W. Staehle), 1 January 1979 through 31 December 1979. (Project 760982 - Continuation)

\$147,570.00 - National Insulation Contractors Association, Dayton, Ohio, Insulation Installers Apprentice Training Program, National Center for Research in Vocational Education (R. E. Taylor), 15 December 1978 through 15 January 1980. (Project 761514 - New)

\$83,633.00 - Kentucky Bureau of Corrections, Frankfort, Kentucky, An OJT (On the Job Training) Program for the Kentucky Bureau of Corrections, National Center for Research in Vocational Education (R. E. Taylor), 1 January 1979 through 30 September 1979. (Project 761516 - New)

\$69,577.00 - Electric Power Research Institute, Palo Alto, California, An Advanced Prototype System for Locating and Mapping Underground Obstacles, ElectroScience Laboratory, Department of Electrical Engineering (R. Caldecott), 1 January 1979 through 30 June 1979. (Project 760604 - Continuation)

\$40,428.00 - Technicon Instruments Corporation, Tarrytown, New York, Chemical Modification Studies of Surfaces Appropriate for Sensor Devices, Department of Chemistry (T. Kuwana), 1 January 1979 through 31 December 1979. Project 761484 - New)

\$38,000.00 - Philadelphia, Pennsylvania School District, Philadelphia, Pennsylvania, Alliance for Career and Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 2 October 1978 through 30 June 1979. (Project 761459 - New)

\$25,449.00 - Southwest Oncology Group, Kansas City, Kansas, Southwest Oncology Group, Department of Surgery (J. P. Minton), 1 January 1979 through 31 December 1979. (Project 761049 - Continuation)

\$24,407.00 - Cystic Fibrosis Foundation, Atlanta, Georgia, The Pathogenesis of *Pseudomonas Aeruginosa* in Hamster Tracheal Organ Culture, Department of Microbiology (N. R. Baker), 1 March 1979 through 28 February 1980. (Project 761492 - New)

\$23,940.00 - Peirce Chemical Company, Rockford, Illinois, Use of Bound Enzymes and Affinity Chromatography in the Synthesis of Polypeptides, Department of Biochemistry (G. P. Royer), 1 January 1979 through 31 December 1979. (Project 761488 - Continuation)

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$18,188.00 - Department of Public Instruction, Raleigh, North Carolina, Consortium for the Development of Professional Materials for Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 6 December 1978 through 30 June 1979. (Project 761418 - New)

\$17,300.00 - Ministry of Education, Tehran, Iran, Technical Assistance for the Imperial Government of Iran, National Center for Research in Vocational Education (R. E. Taylor), 21 October 1978 through 31 December 1978. (Project 761422 - New)

\$16,677.00 - Hoffmann-LaRoche, Inc., Nutley, New Jersey, Effect of Valium on the Development of Experimental Atherosclerosis, Department of Surgery (J. F. Cornhill) and Department of Aeronautical and Astronautical Engineering (R. M. Nerem), 1 January 1979 through 31 December 1979. (Project 761494 - New)

\$14,000.00 - Muscular Dystrophy Association, Inc., New York, New York, Physiologic and Morphologic Correlation Studies on Motor Nerve Terminal; End Plate; Muscle Fiber and Motor Unit Properties in Clinical and Experimental Neuromuscular Diseases, Department of Medicine (J. R. Mendell and J. R. Warmolts), 1 January 1979 through 31 December 1979. (Project 760566 - Continuation)

\$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Asymmetric Septal Hypertrophy, Department of Medicine (D. V. Unverferth and J. Meacham), 1 July 1979 through 30 June 1980. (Project 761509 - New)

\$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Myocardial Calcium Regulation - Adaptation to Chronic Exercise, Department of Physiological Chemistry (J. A. Merola and A. C. Gillespie), 1 July 1979 through 30 June 1980. (Project 761508 - New)

\$10,802.00 - Anheuser-Busch, Inc., Lafayette, Indiana, A Study to Determine the Cause and Conditions of Green Water in Wastewater Treatment Basins, Department of Microbiology (P. R. Dugan), 1 January 1979 through 31 December 1979. (Project 761511 - New)

\$9,500.00 - Electric Power Research Institute, Palo Alto, California, Corrosion Chemistry in Low Oxygen Activity Atmospheres Characteristic of Gasified or Incompletely Combusted Coal, Department of Metallurgical Engineering (R. A. Rapp), 1 January 1979 through 30 September 1979. (Project 760462 - Continuation)

\$7,900.00 - Colorado Public Utilities Commission, Denver, Colorado, The Uses of Computerized Analysis in Regulation with Special Reference to Colorado, National Regulatory Research Institute (D. N. Jones and M. S. Gerber), 1 November 1978 through 31 December 1978. (Project 761437 - New)

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$7,497.00 - Southwest Oncology Group, Kansas City, Kansas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Medicine (H. E. Wilson), 1 December 1978 through 30 June 1979. (Project 760617 - Continuation)

\$5,000.00 - City of Columbus, Recreation and Parks Department, Central Ohio Area Agency on Aging, Columbus, Ohio, Conference on Multi-Purpose Senior Centers, College of Social Work (R. O. Washington), 1 October 1978 through 30 September 1979. (Project 761518 - New)

\$5,000.00 - The Asia Society, Inc., New York, New York, "Outreach" Program of Information Diffusion, Speaker Series, Film Series and Other School-Community-Oriented Activities Relating to China, Center for International Studies (B. Richardson), 1 January 1979 through 31 March 1979. (Project 761026 - Continuation)

\$4,300.00 - College of the Mainland, Texas City, Texas, Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 1 January 1979 through 31 January 1979. (Project 768014 - New)

\$3,500.00 - World Health Organization, Geneva, Switzerland, *Plasmodium berghei*: Isolation and Fractionation of Parasites and Parasite Components, Department of Microbiology (J. P. Kreier), 1 January 1979 through 31 December 1979. (Project 761489 - New)

\$750.00 - American Philosophical Society, Philadelphia, Pennsylvania, Preliminary Evaluation of the Importance of the "Drainage-Basin Factor" in the Ablation of Stagnant Ice Masses, Institute of Polar Studies and Department of Geology and Mineralogy (G. D. McKenzie), 1 January 1979 through 31 December 1979. (Project 761493 - New)

TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL
RESEARCH CONTRACTS/GRANTS

\$ 987,418.00

ENGINEERING EXPERIMENT STATION

State of Ohio Supported Research

\$45,510 - State of Ohio, Public Utilities Commission, Columbus, Ohio, for A Study to Analyze Selected Public Policy Issues Dealing with the Regulation of Electric Power and Natural Gas Utilities, National Regulatory Research Institute, December 13, 1978 through June 30, 1979. (EES 508C, Extension 4)

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION (contd)

Industrial and Other Supported Research

\$56,171 - The Ohio State University, Office of Physical Facilities, Columbus, Ohio, for Study of Energy Conservation for University Buildings - Program 4244, Department of Mechanical Engineering, July 1, 1978 through June 30, 1979. (EES 468, Extension 6)

\$17,500 - Gas Research Institute, Chicago, Illinois, for Mechanism for the Accumulation of Static Charge on Plastic Pipe Installations, Department of Electrical Engineering, July 1, 1978 through June 30, 1979. (EES 569, Extension 2)

TOTAL - INDUSTRIAL AND OTHER SUPPORTED RESEARCH \$73,671

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$199,056.00 - Robert L. Evans, Bidwell, Ohio, [10,208 shares of Bob Evans Farms, Inc. stock], for Canter's Cave 4-H Camp Fund.

\$108,240.46 - William H. Havener, M.D., Columbus, Ohio, for Ophthalmology Teaching Fund.

\$70,000.00 - International Business Machines Corporation, c/o Frank T. Cary, Armonk, New York: \$40,000.00 for IBM-MBA-MIS Fund; \$20,000.00 for Affirmative Action Program in Engineering Fund; and \$10,000.00 for Minority Assistance in the College of Administrative Science.

\$54,000.00 - Ohio Lions Eye Research Foundation, Columbus, Ohio: \$25,000.00 for Ohio Lions Club Blindness Research Fund; \$8,900.00 for Ohio Lions; \$8,450.00 for Lions 1977; \$8,300.00 for Lions Research; and \$3,350.00 for Ohio Lions Research Fund.

\$38,445.61 - Systems Associates, Columbus, Ohio: \$22,635.90 for Cardiology Support Fund and \$15,809.71 for Department of Medicine General Fund.

\$32,550.00 - Richard L. Steinberger, Spring Valley, Ohio: \$16,275.00, [1,050 shares of Nord Resources Corporation stock], for College of Law Advancement Fund and \$16,275.00, [1,050 shares of Nord Resources Corporation stock], for College of Law Student Financial Aids Fund.

\$30,000.00 - Everett D. Reese Fund of The Columbus Foundation, c/o Everett D. Reese, Columbus, Ohio, for Everett D. Reese Arthritis Research Fund.

\$30,000.00 - Ross Laboratories, Columbus, Ohio, for Tumor Immunology Program.

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$30,000.00 - The Yassenoff Foundation, Inc., c/o Melvin L. Schottenstein, Columbus, Ohio: \$25,000.00 for The Leo Yassenoff Chair of Jewish Philosophy and \$5,000.00 for Friends of WOSU Endowment Fund.

\$28,870.88 - Louise Orr Scott Foundation, Columbus, Ohio: \$21,653.16 for William Craig Orr and Mary Black Orr Scholarship in Medicine and \$7,217.72 for William Craig Orr and Mary Black Orr Scholarship in Pharmacy.

\$28,000.00 - The Edward C. and Hazel L. Stephenson Foundation, c/o J. W. Paynter, Grosse Pointe, Michigan, for Edward C. and Hazel L. Stephenson Scholarship Fund.

\$27,875.00 - Arthur E. Shepard, Columbus, Ohio, [1,000 shares of Alexander & Alexander Services, Inc. stock]: \$25,875.00 for Presidents Club Special Fund; \$1,000.00 for C. W. Griffith Memorial Fund; \$500.00 for Friends of OSU; and \$500.00 for Student Athlete Grant-in-Aid Fund.

\$27,000.00 - Howard E. LeFevre, Newark, Ohio, [2,000 shares of Capitol Corporation stock], for Howard E. and Catharine Bonner LeFevre Fund.

\$25,750.00 - Seward D. Schooler, Coshocton, Ohio, [1,000 shares First Banc Group of Ohio, Inc. common stock], (given in the names of David R. Schooler and Dr. S. Dean Schooler, Jr.), for Everett D. Reese Arthritis Research Fund.

\$25,000.00 - The Bremer Foundation, Youngstown, Ohio, for The Bremer Foundation Fund.

\$22,000.00 - Eli Lilly and Company, Indianapolis, Indiana, for Infectious Disease Research Fund.

\$21,342.00 - Pfizer, Inc., Groton, Connecticut, for Clinical Pharmacology Fund.

\$17,704.04 - Retinal Consultants, Inc., Columbus, Ohio: \$14,156.36 for Retina Research Fund and \$3,547.68 for Ophthalmology Photography Fund.

\$15,097.50 - Robert L. Barney, Wendy's International, Inc., Dublin, Ohio: \$7,548.75, [330 shares of Wendy's International, Inc. stock], (given in the names of Robert L. Barney and David R. Simmerman), for Student Athlete Grant-in-Aid Fund; and \$7,548.75, [330 shares of Wendy's International, Inc. stock], (given in the names of Robert L. Barney and David R. Simmerman), for Marketing Faculty Support Fund.

\$14,261.70 - University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$13,333.33 - Schering Corporation, Kenilworth, New Jersey, for Infectious Disease Research Fund.

\$12,800.00 - Trust Under the Will of Anna Roessler, c/o G. K. Traucht, Columbus, Ohio, for Samuel J. Roessler Memorial Fund.

\$12,280.00 - The University Obstetricians and Gynecologists, Columbus, Ohio, (given in the names of Elizabeth Boutselis, William E. Copeland, Jr., M.D., Donald Bryan, M.D., Garth Essig, M.D., Frederick Schweizer, M.D., J. Hutchison Williams, M.D., Roberto Villalon, M.D., William Rigsby, M.D. and Richard O'Shaughnessy, M.D.), for EPR-OBS Fund.

\$11,000.00 - The E. F. Wildermuth Foundation, Columbus, Ohio, for Kathryn M. and E. F. Wildermuth Memorial Fund.

\$10,746.44 - Consolidated Business Services, Inc., c/o Professional Management Association, Columbus, Ohio: \$5,702.47 for Department of Medicine General Fund and \$5,043.97 (given in the name of Michael Whitcombs, M.D.) for College of Medicine Progress Fund.

\$10,357.50 - Mrs. T. H. Carruthers, III, Cincinnati, Ohio, [120 shares of The Procter and Gamble Company stock], for Carruthers Dairy Science Educational Fund.

\$10,000.00 - Buurma Brothers, Willard, Ohio, (given in the name of Frank Buurma), for Muck Crops Vegetable Research Fund.

\$10,000.00 - Christine D. Cline, Toledo, Ohio, [280 shares Northwest Ohio Bancshares, Inc. stock], for Arthur R. and Christine D. Cline Fund for the College of Law.

\$10,000.00 - The Goodyear Tire and Rubber Company, Akron, Ohio, for the Canter's Cave 4-H Camp Fund.

\$10,000.00 - Jay Hall, Jr., Cheshire, Ohio, for the Canter's Cave 4-H Camp Fund.

\$10,000.00 - Oncology Immunology Lab, c/o John Peter Minton, Columbus, Ohio, for Cancer Research Fund.

\$10,000.00 - O. M. Scott and Sons, c/o Le Herron, Marysville, Ohio, for Ohio 4-H Club Foundation Fund.

\$9,850.00 - The Charles F. High Foundation, c/o Charles L. Wiles, Jr., Bucyrus, Ohio, for Charles F. High Foundation Scholarship Fund.

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$9,750.00 - William M. France, Lancaster, Ohio, for the Department of Athletics Discretionary Fund.

\$9,500.00 - Katherine E. Parrett Trust, c/o John S. Bath, Washington C. H., Ohio, for Katherine E. Parrett Fund.

\$9,161.00 - Merrell National Laboratories, Cincinnati, Ohio, for Gastroenterology Research Fund.

\$8,567.42 - Department of Medicine Associates, c/o Professional Management Associates, Columbus, Ohio, for Department of Medicine General Fund.

\$7,842.00 - The Grace High Washburn Trust, c/o Mr. Charles Wiles, Jr., Bucyrus, Ohio, for Grace High Washburn Trust Scholarship Fund.

\$7,500.00 - The City National Bank and Trust Company, Columbus, Ohio: \$5,000.00 for Administration Cost Saving Award and \$2,500.00 for Minority Assistance Program in the College of Administrative Science.

\$7,500.00 - Merck and Company, Inc., Rahway, New Jersey, for Mycobacterial Research Fund.

\$7,414.09 - C. Glenn Barber Foundation Trust, c/o Creighton B. Murch, Cleveland, Ohio, for C. Glenn Barber Foundation Trust.

\$7,000.00 - William E. Baker, Worthington, Ohio, for Kenesaw S. Shumate Memorial Fund.

\$7,000.00 - Helen E. Hill, Hamilton, Ohio, for Edmund M. Spieker Memorial Fund.

\$6,125.00 - Hoffmann-LaRoche, Inc., Nutley, New Jersey, for Infectious Disease Research Fund.

\$6,000.00 - Consumer Guild Foods, Inc., Toledo, Ohio, (given in the name of Ann M. Ascham), for Consumer Guild Foods Graduate Research Fund in Emulsified Foods.

\$6,000.00 - Diamond Shamrock Corporation, Cleveland, Ohio, for Diamond Shamrock Fund in Chemical Engineering.

\$6,000.00 - Ohio Florists' Association, Columbus, Ohio, for Ohio Florists' Association Fellowship Fund.

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$6,000.00 - OSU Optometry Alumni Association, Worthington, Ohio, for Optometry Research Fund.

\$6,000.00 - Richland County Foundation, c/o Mrs. Betty J. Crawford, Mansfield, Ohio, for Mansfield Campus Support Fund.

\$5,859.40 - Lazarus, Columbus, Ohio, for WOSU Support Fund.

\$5,800.00 - Phi Delta Kappa, Bloomington, Indiana, for Phi Delta Kappa Fund.

\$5,752.00 - Association of American Railroads, c/o Keith L. Hawthorne, Director, Safety Research and Applied Technology, Chicago, Illinois, for Railroad Safety Research Fellowship.

\$5,670.00 - Nelson Lancione, Columbus, Ohio, [84 shares of Honeywell, Inc. stock], for John B. and Elizabeth Lancione Memorial Scholarship.

\$5,657.64 - Trust Under the Will of Harry Brakeman, c/o Barnitz Bank, Middletown, Ohio, for Harry and Ethel Brakeman Memorial Scholarship Fund for Optometry students.

\$5,612.50 - Mead Johnson and Company, Evansville, Indiana, for Menapausal Patient Follow-up Project.

\$5,467.73 - Joseph L. Bitonte, Columbus, Ohio, for Operation Eye Research Fund.

\$5,384.46 - The Greek Government, Columbus, Ohio, for Modern Greek Studies Fund.

\$5,000.00 - Arnar-Stone Laboratories, Inc., McGraw Park, Illinois, for Clinical Pharmacology Fund.

\$5,000.00 - John G. Boutselis, M.D., Columbus, Ohio, for EPR-OBS Fund.

\$5,000.00 - Florence Jeffrey Carlile Fund, Columbus, Ohio, for WOSU Support Fund.

\$5,000.00 - Chrysler Corporation Fund, Detroit, Michigan, for Chrysler Corporation Scholarship in Engineering.

\$5,000.00 - Clow Foundation, Oak Brook, Illinois, for Harkers Fund.

\$5,000.00 - Consumers Power Company, Jackson, Michigan, for Consumers Power Company Grant-in-Aid Fund.

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$5,000.00 - John P. Courtright, Jr., Marion, Ohio, for Student Athlete Grant-in-Aid Fund.

\$5,000.00 - Ford Motor Company Fund, Dearborn, Michigan, for Corporate Associates.

\$5,000.00 - Mrs. Robert A. Frevert, Clayton, Missouri, for The Robert Andrew, R. Branson and Philene E. Frevert Medical Research Memorial Endowment.

\$5,000.00 - The George Gund Foundation, Cleveland, Ohio, for Ohio 4-H Foundation Support Fund.

\$5,000.00 - Helen Coast Hayes, Portland, Ohio, for Operation Eye Research.

\$5,000.00 - Fred A. Hitchcock, Columbus, Ohio, for Fred A. Hitchcock Professorship in Environmental Physiology Fund.

\$5,000.00 - Clair E. Jones, Wauseon, Ohio, for Ohio 4-H Club Foundation Fund.

\$5,000.00 - Melvin E. Moffitt Estate, San Antonio, Texas, for Melvin E. Moffitt Memorial Fund.

\$5,000.00 - Ohio Education Association, Columbus, Ohio, for Commission on Inter-professional Education and Practice.

\$5,000.00 - Ohio Quarter Horse Association, Inc., Richwood, Ohio, for Ohio Quarter Horse Finley Farm Building Project.

\$5,000.00 - Mrs. Maude R. Osborne, Columbus, Ohio, for Ophthalmology Teaching Fund.

\$5,000.00 - Phillips Petroleum Foundation, Inc., Bartlesville, Oklahoma, for Mechanical Engineering Coal Combustion Laboratory Fund.

\$5,000.00 - Porthouse Foundation Income Account, c/o Cyril R. Porthouse, Kent, Ohio, for Student Athlete Grant-in-Aid Fund.

\$5,000.00 - Serb National Federation, c/o Robert R. Stone, Pittsburgh, Pennsylvania, for Hilandar Research Fund.

\$5,000.00 - J. Ewing Smith, Bellefontaine, Ohio, for College of Law Advancement Fund.

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts-in-Kind

\$105,443.00 - Mrs. Mildred A. Wiant, Delaware, Ohio, 744 pieces of Chinese Art.

\$100,426.00 - Sadye Kaplan Foundation, George, Greek, King, McMahon & Company, Columbus, Ohio, Sadye Kaplan Jewelry Collection and Sadye Kaplan Silver Collection.

\$50,011.00 - Astro-Arc Company, Sun Valley, California, automatic pipe and tube welding system.

\$25,000.00 - Milton A. Caniff, Palm Springs, California, five scrapbooks containing the master file of Terry and the Pirates.

\$12,000.00 - Ron Vannes, Galien, Ohio, quarter horse colt to be housed in the College of Agriculture.

\$10,000.00 - Ray S. Dwelle, Prospect, Kentucky, thirteen-year old mare to be housed in the College of Agriculture.

\$5,000.00 - John A. Fogle, Indianapolis, Indiana, Morgan gelding to be housed in the College of Agriculture.

Establishment of Named Funds

The Greek Affairs Education Fund

The Greek Affairs Education Fund was established March 2, 1979, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from undergraduate and alumni members of the social fraternities and sororities hosted by the University. In addition, gift support from the Ohio State chapters' national organizations, parents and friends of the interfraternity system at Ohio State has been received.

These gifts are to be invested in the University's Permanent Endowment Fund under the 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 principal is to be used to provide support for the general activities of the Greek Affairs office. The Coordinator of the Greek Affairs office may initiate disbursement requests using the monies available for student and alumni training programs, resource and educational materials, group counseling activities, seminar and teaching aids expenses and other authorized program needs. All such disbursements shall be made under the pertinent policies promulgated by the Office of Student Services.

March 2, 1979 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 Greek Affairs Education 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 service programs.

William E. Quicksall Memorial Scholarship in Civil Engineering

The William E. Quicksall Memorial Scholarship in Civil Engineering was established March 2, 1979, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from William E. Quicksall and H. Paul Quicksall in honor of their late father William E. Quicksall.

All gifts are to be invested in the University's Permanent Endowment Fund under the 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 principal is to be used to provide scholarships for one or more students in the undergraduate degree program of Civil Engineering. First preference shall be given to students who are residents of Tuscarawas, Harrison, Carroll, Jefferson or Holmes counties and, in turn, other Ohio residents. Recipients may apply for and receive a first renewal of the scholarship. The selection of the recipient shall be made by the University Committee on Student Financial Aids. Candidates may be recommended and endorsed by the Department of Civil Engineering and its chairman.

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 civil engineering.

Eunice J. Wertenberger Fund

The Eunice J. Wertenberger Fund was established March 2, 1979, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Eunice Jones Wertenberger, B.S.H.E. '26, a member of the faculty of the School of Home Economics from 1944 through 1964.

All gifts are to be invested in the University's Permanent Endowment Fund 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 case dictates.

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Eunice J. Wertenberger Fund (contd)

Two-thirds of the annual income is to be available for professional use and development of the Department of Human Nutrition and Food Management as deemed desirable by the Department's Chairperson. The remaining one-third is to be used at the discretion of the Director of the School of Home Economics in support of professional needs of the School.

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 administrative official of the University who is then directly responsible for the study of home economics.

The Robert M. Augspurger Memorial Scholarship Fund

The Robert M. Augspurger Memorial Scholarship Fund was established March 2, 1979, by the Board of Trustees of The Ohio State University with gifts from family, colleagues and friends in memory of Robert M. Augspurger, B.S. '63, M.D.'72, late of Syracuse, New York, to provide financial aid for gifted medical students planning to specialize in psychiatry.

All gifts are to be invested in the University's Permanent Endowment Fund, under the 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 endowment is to be presented to a third-year medical student, selected by the Dean of the College of Medicine, on the basis of academic ability. If a student cannot be found in any given year who demonstrates an interest in psychiatry and who has excelled in course work, the Dean of the College may present the scholarship to another worthy student in a field other than psychiatry.

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 psychiatric education.

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March 2, 1979 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER

NORTH DORMITORIES, RETROFITTING OF HVAC SYSTEM

Resolution No. 79-103

Synopsis: Improve existing heating, ventilating and air conditioning systems by installation of controls, zoning and electronic monitoring devices. These improvements will result in energy savings and improvement of occupant comfort.

WHEREAS the North Dormitory complex was constructed between 1960 and 1964 and the heating, ventilating and air conditioning systems installed were not energy-efficient systems as are currently specified; and

WHEREAS improvements in the systems by the installation of control valves, establishing heating and cooling zones within the building and installation of electronic sensing devices sending data to microprocesses in each building will result in considerable energy savings and also improve comfort levels for building occupants:

NOW THEREFORE

BE IT RESOLVED, That the firm of Philip E. Absi and Associates of Columbus, Ohio be employed to provide complete engineering services for this project including preliminary plans, basic drawings, specifications, estimates of cost, necessary bidding documents, and supervision of construction; and

BE IT FURTHER RESOLVED, That the fee for this service be negotiated between the firm and the Department of Administrative Services, Division of Public Works, with the total project cost being \$346,000.00 financed by a Housing and Urban Development loan to The Ohio State University Residence and Dining Halls.

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

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PLANS AND SPECIFICATIONS

Resolution No. 79-104

Synopsis: Plans and specifications have been completed for eight projects and are recommended for approval.

WHEREAS at the request of the Acting Vice President for Business and Administration the plans and specifications, bills of materials and estimates of cost for the following projects are presented for approval:

March 2, 1979 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

HOUSING FACILITIES--SMOKE DETECTOR INSTALLATIONS

Project: Smoke detector installations will be installed to comply with requirements of H.B. 226, enacted by the General Assembly and incorporated into the Ohio Revised Code for installation of automatic smoke detector systems in dormitory buildings which exceed 75 feet in height and which do not have a conforming automatic smoke detector system or sprinkler system.

Funding: Budget Account 885080 (Dormitory Revenue Funds)

Estimated Project Cost: \$2,887,458.75

ORTON HALL RENOVATION

Project: This building was constructed in 1893. The major renovation work for this project will include correction of deteriorated ground floor slab, improvement of building electrical and plumbing services, remedy of certain conditions to comply with current building codes, and provision of safety systems, exterior repairs, central heating and ventilating system, and accessibility for the physically handicapped.

Funding: H.B. 618, Utilities and Renovation (1977-79 Biennium) (\$1,170,000) and Ohio Board of Regents Safety Funds (\$28,500)

Estimated Project Cost: \$1,198,500.00

CLASSROOM IMPROVEMENTS (PHASE II)

Project: Improvements to meet contemporary standards in classrooms and lecture halls in Botany and Zoology Building, McPherson Laboratory, Ramseyer Hall and Stillman Hall.

Funding: H.B. 618, Utilities and Renovation (1977-79 Biennium)

Estimated Project Cost: \$300,000.00

March 2, 1979 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

**NORTHWOOD SCHOOL, HANDICAPPED BARRIER REMOVAL
(University Community Services Center)**

Project: Eliminate physical barriers for use of this facility by the physically handicapped which is leased to the Northend Community Center Corporation as a not-for-profit community center.

Funding: H.B. 618, Item 315-130 (University Community Services Center--\$100,000) and City of Columbus, Department of Development--\$155,000

Estimated Project Cost: \$255,000.00

MEDICAL PARKING RAMP--MASONRY REPAIRS AND RESEALING

Project: Repairs to concrete and application of waterproof coating on the top deck, south half of parking ramp. These repairs are necessary due to deterioration.

Funding: Budget Account 885071 (Parking Revenues)

Estimated Project Cost: \$147,000.00

NATURAL GAS LINE PROTECTION (PHASE I)

Project: Provide cathodic protection on 11,000 feet of gas distribution lines which will reduce corrosion of pipes.

Funding: H.B. 618, Utilities and Renovation (1977-79 Biennium)

Estimated Project Cost: \$130,000.00

DENTISTRY LABORATORIES RENOVATION (ORAL SURGERY)

Project: Provide additional clinic chairs, alteration and renovation of two surgery areas, recovery suite and the oral surgery department's administrative area.

Funding: H.B. 618, Utilities and Renovation (1977-79 Biennium)

Estimated Project Cost: \$127,000.00

March 2, 1979 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

ST. JOHN ARENA, REPAIR OF STEAM LINE

Project: Repairs and improvements to the steam distribution line serving the arena, field house and ice rink.

Funding: H.B. 618, Utilities and Renovation (1977-79 Biennium)

Estimated Project Cost: \$100,000.00

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to sign the plans and specifications for these projects, and if satisfactory bids are received, to recommend the award of the necessary contracts in accordance with the established University procedures, and that this action be reported at a later meeting.

Upon motion of Mr. Devenow, seconded by Mr. Immke, 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. 79-105

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

WHEREAS the resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Secretary of the Board of Trustees to sign the plans and specifications, and for the President and/or Acting Vice President for Business and Administration to request bids and recommend awards, in accordance with the established University procedures for the following projects:

CANCER CENTER

Description: Continuation of a two-story vertical expansion at the south end of Wiseman Hall to provide laboratory facilities to house current and anticipated research programs in cancer research.

March 2, 1979 meeting, Board of Trustees

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

CANCER CENTER (contd)

General Contract

Date Received: January 9, 1979
No. of Bids: 5
Low Bid: \$1,483,800.00* **
High Bid: \$1,581,000.00
Estimate of Cost: \$1,300,000.00
Awarded to: The Setterlin Company (Columbus, Ohio)

Plumbing Contract

Date Received: January 9, 1979
No. of Bids: 5
Low Bid: \$ 203,000.00* **
High Bid: \$ 232,000.00
Estimate of Cost: \$ 200,000.00
Awarded to: Duckworth Plumbing Company, Inc. (Canal Winchester, Ohio)

Heating, Ventilating and Air Conditioning Contract

Date Received: January 9, 1979
No. of Bids: 2

*Less Negotiated Reductions.

**General, Plumbing, Heating, Ventilating and Air Conditioning, and Electrical Contracts are in excess of the estimate of cost; however, the total price of all contracts is within 10 per cent above the total estimate of cost and are therefore being recommended for award as provided by Section 153.12 of the Ohio Revised Code.

March 2, 1979 meeting, Board of Trustees

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

CANCER CENTER (contd)

Heating, Ventilating and Air Conditioning Contract (contd)

Low Bid:	\$ 533,000.00**
High Bid:	\$ 548,976.00
Estimate of Cost:	\$ 500,000.00
Awarded to:	J. A. Guy, Inc. (Columbus, Ohio)

Electrical Contract

Date Received:	January 9, 1979
No. of Bids:	4
Low Bid:	\$ 303,700.00* **
High Bid:	\$ 421,741.00
Estimate of Cost:	\$ 300,000.00
Awarded to:	The Electric Power Equipment Co. (Columbus, Ohio)

Total All Contracts:	\$2,523,500.00
Total Contingency Allowance:	\$ 39,705.65 which is 1.5 per cent of construction costs
Total Project Cost:	\$2,781,875.00
Funding:	H.B 618, Item 315-119 (1977-79 Biennium) \$1,000,000 and National Cancer Institute Grant \$1,681,875 and Local Funds \$100,000

* Less Negotiated Reductions.

**General, Plumbing, Heating, Ventilating and Air Conditioning, and Electrical Contracts are in excess of the estimate of cost; however, the total price of all contracts is within 10 per cent above the total estimate of cost and are therefore being recommended for award as provided by Section 153.12 of the Ohio Revised Code.

March 2, 1979 meeting, Board of Trustees

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

ELECTRICAL DISTRIBUTION IMPROVEMENTS

Description: Provide alternate 13.8KV electric power service which will improve reliability, reduce duration of outages, and allow improved maintenance procedures. The alternate power will allow the buildings to be re-energized immediately on failure of service to the buildings. This project will complete alternate service to campus buildings served by the 13.8KV system. A second phase of this work will be bid in the Spring of 1979 to expend the remaining funds allowed for this work.

Electrical Contract

Date Received:	January 19, 1979
No. of Bids:	4
Low Bid:	\$199,750.00*
High Bid:	\$327,291.00*
Estimate of Cost:	\$293,000.00*
Awarded to:	Jess Howard Electric Company (Blacklick, Ohio)
Total Contract:	\$199,750.00
Total Contingency Allowance:	\$ 7,987.50 which is 3 per cent construction costs
Total Project Cost:	\$212,485.63
Funding:	H.B 618 (Utilities and Renovation, 1977-79 Biennium)

* Recommended alternates reflected in these figures.

NOW THEREFORE

BE IT RESOLVED, That pursuant to previous actions of the Board, construction projects were bid, contracts were recommended for award, establishment of contingency funds and expenditure of project funds are hereby reported.

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

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March 2, 1979 meeting, Board of Trustees

**LAND USE AGREEMENT--INDUSTRIAL COMMISSION OF OHIO AND
THE BOARD OF TRUSTEES OF THE OHIO STATE UNIVERSITY**

Resolution No. 79-106

Synopsis: Location of a Disability Prevention Center on The Ohio State University campus.

WHEREAS the Industrial Commission of Ohio and the administration of The Ohio State University have agreed that it would serve the best interests of both parties as well as the citizens of Ohio to locate a new Disability Prevention Center convenient to the University's Health Sciences Center so as to provide the fullest possible educational and research opportunity for the students and faculty of the University as well as services to the citizens of Ohio; and

WHEREAS, under a cooperative proposal, The Ohio State University would make available to the Industrial Commission of Ohio, under terms and conditions to be determined, a parcel of University land, situated near the intersection of Carmack Road and Kenny Road, on which to construct the Disability Prevention Center:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to negotiate with the Industrial Commission of Ohio the terms and conditions under which such land use shall take place and to request the Department of Administrative Services, Director of Public Works, pursuant to his statutory duties, to act for and on behalf of the University in negotiating the necessary legal instruments for such land use, subject to final approval of the Board of Trustees of The Ohio State University.

Upon motion of Mr. Devenow, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution with seven affirmative votes and Mr. Smith abstained from voting.

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PRESIDENT ENARSON'S REPORT

HEALTH FIELD ISSUES UNRELATED TO PRACTICE PLAN

I have two items in the time devoted to the President's Report. One is an impromptu item dealing with issues in the health field unrelated to the Practice Plan and the other is Budget Guidelines for 1979-80. Briefly, I think in our understandable concern with the controversy relating to the Practice Plan, we tend to almost lose sight of some of the extraordinarily difficult issues confronting this and other universities in the whole range of the health sciences. You will recall that at our last meeting, we reported on the 'federal network,' a system internal to the University in which we monitor federal legislation. Well, believe it or not, the system works. We have word through the system that the United States House of Representatives will vote this coming Tuesday on whether to rescind \$20 million in medical/dental capitation and \$38.8 million in nursing capitation and

March 2, 1979 meeting, Board of Trustees

PRESIDENT ENARSON'S REPORT (contd)

HEALTH FIELD ISSUES UNRELATED TO PRACTICE PLAN (contd)

other nurse training support. These are FY 79 funds. We estimate the loss here at Ohio State to be \$405,000 in medical/dental support and probably enough in nursing to bring the total loss to the University to a half million dollars or more. So, first thing this morning we sent a Mailgram to the entire Ohio delegation. It reads as follows:

'We urge you to vote against proposed rescissions of FY 79 capitation funds for medical and nursing students. Estimate Ohio State would lose at least \$500,000; other Ohio schools of medicine, dentistry, osteopathy, nursing also would be hurt. Such major midyear cuts disrupt programs and work hardship on students. We appreciate your help by opposing rescission.'

So we are doing our best to alert the Ohio delegation and we hope that if enough university presidents throughout the country send similar wires that perhaps there is a possibility that at least we can delay the cut of capitation fundings. And I cannot tell you how discouraging it is to see this University enter into solemn pacts with the federal government to beef up our health science programs only to discover that the federal government has lost interest. It is equally discouraging to find no real interest and no real sympathy in the Ohio Board of Regents and, I take it, in the General Assembly, for the restoration of even part of the dollars to be lost on capitation.

I detest readings of documents, particularly documents that deal with budgets. The statement before you is singularly uninspiring, but that in no way detracts from its importance. The document before you is entitled, 'Budget Guidelines for 1979-80.' I thought it essential to work from a written document since there is such understandable interest and concern in budget throughout the entire University community.

BUDGET GUIDELINES FOR 1979-80
Progress Report by President Enarson

Although the fate of higher education funding for the upcoming biennium is still being considered in the General Assembly, the University must begin its budget preparation activities for the coming year. We have during the past few weeks spent time analyzing the Governor's Executive Budget for 1979-81, introduced in the General Assembly as House Bill 204. Along with Chancellor Moulton and several other Presidents, I have already testified before the House Finance/Appropriations Committee and we have begun our discussions with student and faculty leaderships in preparation for release of our 1979-80 budget guidelines.

As you may be aware, H.B. 204 proposes a total allocation of \$1.5 billion for higher education in the upcoming biennium, a decrease of approximately \$100 million from the funding level proposed by the Board of Regents.

March 2, 1979 meeting, Board of Trustees

PRESIDENT ENARSON'S REPORT (contd)

BUDGET GUIDELINES FOR 1979-80
Progress Report by President Enarson (contd)

Although we are concerned about several line items in the appropriations bill, we are following with greatest interest the section of that bill dealing with student-based subsidies for higher education. Those student-based subsidies account for approximately 75 per cent of higher education's appropriation and provide the core support that colleges and universities receive from the state. These student-based subsidies are developed by combining projected appropriations for student enrollments in each of the 16 subsidy categories into which our various courses of instruction are classified.

In H.B. 204, funding levels for the student-based subsidy models have been increased over 1978-79 levels to cover a portion of the inflationary cost increases that will be faced by colleges and universities. For those institutions with stable enrollments, the models have been designed to provide a 7 per cent increase in state funding for the first year of the biennium and a 6 per cent increase for the second year. Although H.B. 204 contains some budgetary protection for institutions suffering enrollment declines during the next two years, colleges and universities that experienced decreases in enrollment in 1977-78 or 1978-79 would receive smaller increases and, in some instances, decreases in state funding from 1978-79 levels.

Given the preceding funding recommendations, the varied situations at institutions across the state, and a current inflationary rate in excess of 9 per cent, the following issues will be significant as the colleges and universities prepare for the coming year.

- The Executive Budget was drafted with the assumption that increases in student fees will be necessary. Not only will students be expected to increase their payments to match the state increases, but increases in student fees will have to be considered to fund a portion of the gap that exists between the current inflationary rate of 9 per cent and the 7 and 6 per cent levels of increase contained in the Executive Budget.

- The differing enrollment experiences at various institutions have raised questions about special funding for those institutions particularly hit hard in the upcoming biennium. If funds are provided to shelter those institutions further, there is some possibility that resources from the general student-based subsidy pool might be reduced and stable institutions might receive less than the 7 per cent and 6 per cent increases contained presently in H.B. 204.

Against this uncertain background about state funding for higher education, I will attempt to provide a status report on OSU's 1979-80 budget plans. I will deal primarily with the unrestricted general funds of the University, those funds over

March 2, 1979 meeting, Board of Trustees

PRESIDENT ENARSON'S REPORT (contd)

BUDGET GUIDELINES FOR 1979-80
Progress Report by President Enarson (contd)

which the University has direct allocation control and that provide the primary support for our core academic programs and administrative offices. During the 1978-79 fiscal year, the sources of income for the unrestricted general fund are as follows:

- Student-based subsidies (62 per cent)
- Student fees (31 per cent)
- Other sources, e.g., unrestricted endowment, indirect cost recovery from grants and contracts returned from cash management program (7 per cent).

In the second quarter budget revision passed by this Board on February 2, the 1978-79 unrestricted funds of the University totaled approximately \$191 million.

This report will be confined to the funding issues facing the Columbus Campus, although the proposed guidelines will apply to the regional campuses as well. Each regional campus presents a unique budget picture that is currently under staff analysis.

The total financial health of the institution also depends on the solvency of the other components of the budget, e.g., the earnings and restricted funds budgets. But in those categories, we require that the operations generally acquire enough funds to support their own activities--through earnings, gifts, or sponsored projects--and we deal with each operation separately to achieve the required solvency through management or through fund-raising efforts. These earnings and restricted fund operations do not encumber our general unrestricted funds at present, except as the University recognizes some specific educational services performed, and it will be unnecessary for us to give detailed attention to them here. We are fortunate that this situation prevails; many universities face annually a drain of unrestricted funds into such areas as intercollegiate athletics and residence halls. I should note here that the 1979-80 budget plans for the residence and dining halls operations will be discussed today at the meeting of the Student Services Committee.

Estimated Changes in Unrestricted Resources.

H.B. 204 would provide an increase of approximately \$11.3 million in student-based subsidies to the Columbus unrestricted general funds for 1979-80. This increase is 9.6 per cent higher than the 1978-79 subsidy level of \$118.2 million provided by the state. This would then result in an increase of 5.9 per cent to the total unrestricted general fund of \$191 million.

March 2, 1979 meeting, Board of Trustees

PRESIDENT ENARSON'S REPORT (contd)

BUDGET GUIDELINES FOR 1979-80
Progress Report by President Enarson (contd)

Because of the enrollment bases that were established in 1977-78 and 1978-79, and because of technical adjustments made by the Regents to correct funding inequities in the subsidy models used during the current biennium, the 1979-80 increase for the OSU Columbus campus exceeds the 7 per cent adjustment made generally to the subsidy models. Unfortunately, the past inequities in funding have also resulted in the need for catch-up expenditures that will be necessary during the next few years in such areas as equipment replacement and graduate associate stipends.

We expect additional increases to the unrestricted general fund to come from the annualization of fee increases that were imposed in the autumn of 1978. As you may recall, combined instructional and general fees were raised for undergraduate students by \$20 per quarter in 1978-79 and other fees were similarly increased. The increase became effective in the autumn quarter and thus additional revenue increases are anticipated for the coming year when those changes are effective for summer quarter. This annualization should result in an increase of approximately \$360,000 to the unrestricted general fund.

We anticipate also an increase of \$645,000 in other income gained from our cash management program, indirect cost recovery, and unrestricted endowment.

In the aggregate, these estimated changes in available unrestricted funds total \$12,520,200, a 6.5 per cent increase in the unrestricted funds available for allocation. These projections are, of course, contingent upon maintenance of the funding levels proposed in H.B. 204 which is still under consideration in the General Assembly.

Key Considerations in Budget Costs.

Given the projections of available resources, the University's budget for 1979-80 must be approached with the knowledge that no new funds will be available for program improvement and that a high priority must be accorded the maintenance of necessary existing activities in the face of inflationary pressures. In the unlikely event that inflation recedes to the 6 to 7 per cent rates of H.B. 204, we would still be in the position of attempting to do more with less. After several years of eroding purchasing power, we have a major backlog of equipment replacement needs to restore adequate instrumentation in scientific laboratories and a library that has been underfunded for years. Stipend adjustments must be made for some groups, such as graduate teaching associates, whose compensation has not received adequate adjustment for several years. We do plan to make much needed improvements in some categories in which we have fallen behind, but the resources to fund these catch-up activities will be derived from internal savings and from the reallocation of resources among colleges and offices.

March 2, 1979 meeting, Board of Trustees

PRESIDENT ENARSON'S REPORT (contd)

BUDGET GUIDELINES FOR 1979-80

Progress Report by President Enarson (contd)

1. Several mandated cost increases must be faced by the University for 1979-80 prior to any consideration of budget allocation decisions. Increased costs of fringe benefits for the staff, utility rate increases, salary rate increases for classified staff as mandated by the General Assembly, and several other expenses--e.g., minimum wage increases for student employees and the replacement of capitation fund losses in the Health Sciences--will require an expenditure of an additional \$6.6 million for 1979-80. These mandated costs exceed the rate of inflation observed in the general economy and will severely limit the flexibility we have in meeting other commitments.
2. We must also consider now the guidelines for salary adjustments to be made for faculty and administrative and professional staff for the coming year. In developing our salary guidelines we have conferred with the Faculty Compensation and Benefits Committee whose report was presented to the Board's Educational Affairs Committee earlier during this Trustees' session. Although the Committee presents a strong case for a major increase in compensation to offset losses in purchasing power sustained by faculty and staff during the past two years, the Committee recommends that the University comply with the wage and price guidelines established by the Carter administration.

We appreciate the thoughtful consideration given this issue by the Faculty Compensation and Benefits Committee, and propose that the University adhere to the wage and price guidelines by establishing a University target that would allow for a 7 per cent increase in average salaries for faculty and administrative and professional staff. Given staff turnover and a practice of hiring junior personnel to replace retiring or resigning staff members, we may be able to increase the salaries of continuing faculty and staff slightly more than the 7 per cent average increase contained in the federal guidelines and assumed in the Governor's Executive Budget.

I truly hope that the national effort to contain inflation is successful so that our faculty and staff will not suffer significant erosion in their purchasing power. It is heartening to have the support of the Faculty Compensation and Benefits Committee as we participate in this national effort.

3. We will continue to study the remaining components of the budget prior to establishing final guidelines and fee schedules for the coming year. In this effort, we are determined to keep any fee increases as low

March 2, 1979 meeting, Board of Trustees

PRESIDENT ENARSON'S REPORT (contd)

BUDGET GUIDELINES FOR 1979-80
Progress Report by President Enarson (contd)

as possible while maintaining present quality in our programs and services. However, I will point out that the purchasing power of fees established for 1978-79 has already eroded as the year has progressed, and that salaries in private enterprise and governmental operations outside the University have increased more rapidly during the past few years than have University salaries, expenditures, and student fees. Although it will be a difficult task, we are committed to continuing that trend in which students pay a decreasing share of the cost of the University's operation, even if the reduction in that share is slight. In discussions with student leaders, we have promised to work with them to accomplish the objective of fees comprising a smaller portion of the University's resources.

I will keep the Board informed as further developments occur in our budgeting process.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 79-107

RESOLVED, That the report on the University's Investment Portfolio, dated February 16, 1979, 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, April 6, 1979, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 10:30 a.m.

Attest:

Madison H. Scott
Secretary

Howard D. Sirak
Chairman

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APPENDIX III

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

March 16, 1979

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The Recipients of Honors

Rupert Lloyd Atkin Doctor of Science

Renowned mechanical engineer and alumnus of this University, Rupert Lloyd Atkin is widely acknowledged as a leading figure in the field of automotive technology. His pioneering inventions and numerous patents reflect the singular role he has played in making automobiles safer for drivers and passengers. His eminence and influence in the field of engineering have been recognized nationally and internationally by his election to the National Academy of Engineering. For a career of great distinction he has earned the ultimate tribute—the high regard of his professional colleagues.

Melvin S. Newman Doctor of Science

The world of chemistry and, indeed, the world at large have been changed and made better by Melvin S. Newman's imagination and excellence as a research scholar and by his dedication and creativity as a teacher. His many contributions to chemical education and research, spanning more than 40 years of service at this University, stand in permanent testimony to a career of great distinction. International acclaim and high honors have followed, including membership in the National Academy of Sciences. He embodies the scholar's life in its fullest measure, devoted to the advancement of knowledge and the enrichment of mankind.

Graduate School

Dean: Jules B. Lapidus

Doctor of Philosophy

Reinaldo Ignacio Adams, Cerro Largo-RS, Brazil; B.S. (Federal University of the Rio Grande do Sul); *Agricultural Economics and Rural Sociology*; *Dr. Norman Rask*

Paul David Amer, Bronx, N. Y.; B.S. (State University of New York at Albany); M.S.; *Computer and Information Science*; *Dr. James B. Randels*

Wana Tine Archer, Muskogee, Okla.; B.S. in Ed. (Southern Illinois University); M.R.E. (Southwestern Baptist Theological Seminary); *Education*; *Dr. William D. Dowling*

William Lee Bainbridge, Steubenville; B.S.Ed. (Ohio University); M.S.Ed. (University of Akron); *Education*; *Dr. Raphael O. Nystrand*

Vinod Bapalal Bavishi, Ahmedabad, India; B.Com. (Gujarat University); M.B.A. (Wright State University); M.Acct.; *Business Administration*; *Dr. David A. Ricks*

Steve Matthew Benner, Wiggins, Mass.; B.S.Ch.E., M.S.; *Chemical Engineering*; *Dr. Robert S. Brodkey*

Jane Emch Beougher, Wadsworth; B.S.Ed., M.Ed. (Bowling Green State University); *Physical Education (Health Education)*; *Dr. Robert Kaplan*

Reginald Bess, Yukon, W. Va.; B.S.Ed. (West Virginia State College); M.A.; *German*; *Dr. Johanna S. Belkin*

Howard Norman Bockbrader, Columbus; B.S.; *Pharmacy*; *Dr. Richard H. Reuning*

Reginald Broadnax, Tulsa, Okla.; B.A. (Wilmington College); M.A. (Kent State University); *Education*; *Dr. Anthony O. Olinzock*, *Dr. Aaron J. Miller*

Timothy Kent Broschat, New Rockford, N. D.; B.S. (North Dakota State University); M.A. (University of Kansas); *Horticulture*; *Dr. Harry K. Tayama*

Robert Ignatius Brown, St. Louis, Mo.; B.S., M.Ed. (Saint Marys College); *Education*; *Dr. Robert R. Bargar*

Robert Gregory Browning, Meadville, Pa.; B.G.S. (Ohio University); *Education*; *Dr. Bernard Mehl*

Marsha Jean Buckalew, Columbus; B.A. (University of North Carolina); M.A. (University of East Anglia); M.A.; *Psychology*; *Dr. Richard K. Russell*

Anna Marie Burford, Glasgow, Ky.; B.S., M.A. (Western Kentucky State); *Education*; *Dr. Mildred C. Hillestad*

Ling May Chen, Taipei, Taiwan, R.O.C.; B.S. (Fu-Jen University); M.S. (East Stroudsburg State College); *Horticulture*; *Dr. Andrew C. Peng*

Gary Carlos Cornia, Charlotte, NC; B.S. (Weber State College); M.S. (Utah State University); *Public Administration*; *Dr. Frederick D. Stocker*

Thomas Joseph Cousineau, Chicago, IL; B.S. (University of Illinois); *Chemistry*; *Dr. John A. Seerist*

Habibullah Dada, Kama, Afghanistan; B.S. (Kabul University); M.S.Ed. (University of Wisconsin); *Agricultural Economics and Rural Sociology*; *Dr. G. Howard Phillips*

Mary I. De Angelis, New Boston; B.S.Ed. (Ohio Dominican College); M.Ed. (Duquesne University); *Education*; *Dr. Anthony C. Riccio*

Nitin Desai, Bangalore, India; B.Sc. (Bangalore University); M.Sc. (University of Mysore); M.S.; *Food Science and Nutrition*; *Dr. Paul M. T. Hansen*

Stephen Harris Dunhoff, Columbus; B.A., M.A. (Pennsylvania State University); *Psychology*; *Dr. Harold B. Pepinsky*

Stanley Francis Duobinis, Baltimore, MD; B.S. (University of Maryland); M.A.; *Economics*; *Dr. Wilford L. L'Esperance*

Lewis Michael Evans, Huntington, WV; A.B., A.M. (West Virginia University); *Education*; *Dr. Edward D. Allen*

Edward David Farber, Jersey City, NJ; A.B. (Rutgers University); M.A.; *Psychology*; *Dr. Malcolm M. Helper*

Edward Forest Fern, Toledo; B.S. Ed., M.B.A.; *Business Administration*; *Dr. Frederick D. Sturdivant*

Eve Prout Fetzek, Columbus, IN; B.A., M.A.; *Education*; *Dr. Donald R. Bateman*

Michael Alan Forman, Columbus; A.B., M.S. (Indiana University); *Education*; *Dr. Donald J. Tosi*

John Michael Gardlik, Curry, PA; B.S. (Indiana Institute of Technology); *Chemistry*; *Dr. Leo A. Paquette*

Thomas Kent Gearhart, Huntington, IN; B.S.Ed. (Ball State Teachers College); M.S.; *Mathematics*; *Dr. Norman Levine*

Theodore Lee Glenn, Ashland; B.Agr.E., M.B.A.; *Agricultural Engineering*; *Dr. Henry J. Barre*, *Dr. Mohamed Y. Hamdy*

Joseph Graham Glynn Snyder, NY; B.A., M.B.A. (University of Rhode Island); *Business Administration*; *Dr. Fred E. Kindig*

Davina Jeanette Gosnell, Youngstown; B.S.Nur. (University of Pittsburgh); M.S.; *Education*; *Dr. David L. Boggs*

Marilyn Stauf Griesemer, Gaithersburg, Md.; B.S., M.A.; *Psychology*; *Dr. George G. Thompson*

Neil Charles Griffen, Batavia, NY; B.S. (State University College); M.S. (Pennsylvania State University); *Physics*; *Dr. Clifford V. Heer*

Charles Mark Hamilton, Salt Lake City, UT; B.A. (Brigham Young University); M.A. (University of Utah); *History of Art*; *Dr. Mathew Herban*

Hadia Habib Harb, Ain-Anoub, Lebanon; B.A. (Beirut College for Women); M.A.; *Education*; *Dr. Edward D. Allen*

Grenetta McKinstry Harris, Birmingham, AL; B.A. (Stillman College); A.M. (Indiana University); *Microbiology*; *Dr. Robert M. Pfister*

Karen Hensel Heiser, Columbus; B.A., M.S.; *Home Economics*; *Dr. Jean P. Dickerscheid*

Mark Steven Holtman, Dayton; B.Sc. (University of Dayton); M.S. (Wright State University); *Chemistry*; *Dr. Eugene P. Schram*

Alga Broadwater Hough, Philadelphia, PA; B.S., M.Ed. (Temple University); *Home Economics*; *Dr. Fern E. Hunt*

Bruce Edward Hust, Bridgeport, CT; B.A. (University of Connecticut); M.A.; *Psychology*; *Dr. George G. Thompson*

Linda McDonnell Ingraham, Rochester, NY; B.A., M.A.; *Psychology*; *Dr. Fred L. Damarin*

Susan Klem Jackson, Durham, NC; B.A. (Wellesley College); M.A. (Middlebury College); *Romance Languages and Literatures*; *Dr. Ronald C. Rosbottom*

Gavin Dale Jenney, Waverly, NY; B.S.M.E. (Lafayette College); M.S. (University of Rochester); *Mechanical Engineering*; *Dr. Ernest O. Doebelin*

Danny Lynn Jorgensen, Columbus; B.S. (Northern Arizona University); M.A. (Western Kentucky University); *Sociology*; *Dr. Roscoe C. Hinkle*

Barbara Greiner Keller, Detroit, MI; B.A., M.A. (Miami University); *Romance Languages and Literatures*; *Dr. Charles E. Carlut*

Robert Eugene Krumlauf, II, Canton; B.E. (Vanderbilt University) *Developmental Biology*; *Dr. George A. Marzlf*

Douglas Richard Kutner, Columbus; B.A., M.A.; *Psychology*; *Dr. John E. Horrocks*

Elaine Louise Leach, West Concord, MN; B.S. (Mankato State Teachers College); M.A.; *Education*; *Dr. W. Fred Staub*

Solomon A. Levin, Newton, MA; B.A. (State University of New York, Stony Brook); M.A.; *Psychology*; *Dr. Charles Wenar*

Phyllis Saltzman Levy, Cincinnati; B.S.Ed., M.A.; *Education*; *Dr. Elsie J. Alberty*

Judith Carolyn Lippmann, Chicago, IL; B.M. (University of Cincinnati); M.M. (Northeast Louisiana State College); *Music*; *Dr. Jerry E. Lowder*

Dwight Earl Lynn, Zanesville; B.S., M.S.; *Entomology*; *Dr. Walter F. Hink*

Shah Nawaz Mohd. Malik, Allahabad, India; B. Eng. (University of Allahabad); M. Tech. (Indian Institute of Technology, Kampur); *Engineering Mechanics*; *Dr. Li Sheng Fu*

John Terry Matson, Detroit, MI; B.S. Ed. (State University of New York, Cortland); M.A. (University of Hawaii); *Geography*; *Dr. Kevin R. Cox*

Buryl L. McFadden, Jr., Columbus; B.S.M.E., M.S.M.E. (Purdue University); *Mechanical Engineering*; *Dr. Helmuth W. Engelman*

Harry Kenneth McLaughlin, Bryn Mawr, PA; B.S. (Pennsylvania State University); M.A. *Education*; *Dr. Roy A. Larmee*

Ada Castillo Mezzich, Lima, Peru; Psicoologo Prof. (Pontifical Catholic University of Peru); M.A.; *Psychology*; *Dr. Charles Wenar*

Carolyn Beth Mitchell, London, Ontario; B.A. (University of Mississippi); M.A.; *Psychology*; *Dr. Charles Wenar*

John Walter Munson, Stevens Point, WI; B.S.Ed., M.S. (Springfield College); *Physical Education*; *Dr. Lewis A. Hess*

Narinder Krishan Narda, Punjab, India; B.Sc. (Punjab Agricultural University); M.S.; *Agricultural Engineering*; Dr. R. Bruce Curry

K. S. Natarajan, Columbus; B. Tech. (Indian Institute of Technology, Madras); M.E. (Indian Institute of Science, Bangalore); *Computer and Information Science*; Dr. Lee J. White

Marilyn Neptune, Tulsa, OK; B.S. (West Virginia Institute of Technology); *Chemistry*; Dr. Richard L. McCreevy

Enmanuel Christian Nyarkoh, Dentin, Ghana; B.A. (University of Science and Technology, Kumasi); M.F.A.; *Art Education*; Dr. Arthur D. Efland

Mauro Rodrigues de Oliveira, Porto Alegre, Brazil; D.V.M., M.P.H., Diploma (University of Sao Paulo); *Microbiology*; Dr. Julius E. Kreier

Janice Kay Olson, McCook, NE; B.S. (Western State College); M.S. (University of Wisconsin); *Physical Education*; Dr. Daryl L. Siedentop

Annette Jill Oren, New York, NY; B.F.A. (Philadelphia College of Art); M.A. (Northwestern University); *Education*; Dr. Robert R. Bargar

Lovid Owens, Ashland, GA; B.S., M.A.; *Education*; Dr. Mildred C. Hillestad

Christos Poseidon, Athens, Greece; B.A. (Ohio Wesleyan); M.S.; *Nuclear Engineering*; Dr. Shoichiro Nakamura, Dr. Don W. Miller

Chariyaporn Punyanitya, Thailand; B.S. (Chulalongkorn University); M.S.; *Physics*; Dr. Charles A. Ebnor

Joseph West Ray, Springfield, MA; B.S.E., M.S.E. (University of Michigan); *Industrial and Systems Engineering*; Dr. William T. Morris

Wilhelmina Wright Reversion, Fort Benning, GA; B.S. (Boston University); M.A.; *Communication*; Dr. Sheila M. Goff

Deryck D'Arcy Richardson, Nassau, Bahamas; B.A. (St. John's University); M.A.; *Psychology*; Dr. Jacques W. Kasanen

Phillip William Russell, Nashville, TN; B.A. (Vanderbilt University); M.S.; *Biophysics*; Dr. Carl R. Ingalls, Jr.

James Edward Sanders, Bellevue; B.S., M.S.; *Veterinary Physiology and Pharmacology*; Dr. Roger A. Yeary

Marian Gail Schwab, Cincinnati; A.B. (College of Mount St. Joseph on the Ohio); M.A.; *Education*; Dr. Donald P. Sanders

Miriam Golin Schwartz, Smela, Russia; B.S., M.A.; *Slavic Languages and Literatures*; Dr. Leon I. Tietz

Deborah Roeckner Seifert, Dayton; B.S. (University of Dayton); M.S.; *Industrial and Systems Engineering*; Dr. Richard A. Miller

Vicki Ellis Shell, Columbus; B.S., M.A.Ed. (Murray State University); *Education*; Dr. Aaron J. Miller

Joyanna Lee Samson Silbert, Baltimore, MD; B.A. (University of Maryland); M.A.; *Psychology*; Dr. Henry R. Angelino

Donald Morris Sovine, St. Albans, VT; B.S.Ed. (Wilmington College); M.Sc.; *Electrical Engineering*; Dr. Robert E. Fenton

Paula Rinehart Strayer, Fostoria; B.S.Ed., M.S.; *Education*; Dr. William D. Dowling

William James Strickland, San Antonia; B.S. (U.S. Air Force Academy); M.A.; *Psychology*; Dr. Richard J. Klimoski

Richard Lee Sutherland, Oskaloosa, IA; B.A. (Olivet Nazarene College); M.S.; *Physics*; Dr. Clifford V. Heer

Lisa Louise Factor Taft, Zanesville; B.A. (Bowling Green State University); M.A.; *History of Art*; Dr. Mathew Herban

Florence Susker Tager, Brooklyn, NY; B.A. (Brooklyn College); M.A.; *Education*; Dr. Bernard J. Mehl

Kwang Ho Teh, Medan, Indonesia; B.A. (Hamline University); M.S. (University of Wisconsin); *Botany*; Dr. Carroll A. Scausau

Ellen Mosley Thompson, Charleston, WV; B.S. (Marshall University); M.A.; *Geography*; Dr. John N. Rayner

Edward Francis Vinson, Kashig, China; B.S. (University of Arkansas); *Chemistry*; Dr. Robert J. Ouellette

Lida Rowden Wall, Columbus; A.B. (Colorado State College); M.S. (University of Wyoming); *Communication*; Dr. John A. Ferraro

Debra Sue Wallick, Columbus; B.S., M.A.; *Education*; Dr. George L. Lewis

Li-wen Chang Wang, Columbus; B.S. (National Taiwan University); *Biochemistry*; Dr. George A. Marzaf

Phillip Stanley Wilson, Groveport; B.S., M.A.; *Education*; Dr. George L. Lewis

William Joseph Winter, Jr., Brooklyn, NY; B.A. (State University of New York, Potsdam); *Chemistry*; Dr. John A. Secrist III

Jinn Wu, Taipei, Taiwan; B.S., M.S. (National Taiwan University); *Pharmacy*; Dr. Jack L. Beal

Shang-Ron Wu, Taipei, Taiwan; B.S. (National Chung-Hsing University); *Chemistry*; Dr. John A. Secrist III

Yalaguradappa Basalingappa Yalawar, Wadawadi, Karnataka, India; B.Comm., M.Comm. (Karnatak University); M.B.A.; *Business Administration*; Dr. Andrew H. Chen

Te-Lin Yau, Hu-Nan, China; B.S.E. (Taiwan Cheng Kung University); M.S. (Tennessee Technical University); *Metalurgical Engineering*; Dr. Roger W. Staehle

Charles William Zimmerman, Sandusky; B.S., M.S.; *Education*; Dr. Richard J. Shumway

Master of Accounting

Jui Jer Lin, Taipei, Taiwan; B.S. (National Taiwan University); *Accounting*

Master of Architecture

Michael Arthur Taylor, Williamsport, Pa.; B.S.Arch.; *Architecture*

Master of Arts

Joseph Adegboyega Abioye, Iwo, Nigeria; Diploma (Ahmadu Bello University); B.A. (University of Ife); *Physical Education*

Christine Kay Adams, Fairborn; B.S.; *Psychology*

Taryn Kay Adams, Springfield; B.S. (Valparaiso University); *Physical Education*

Kurt Allmacher, Columbus; B.S.Ed.; *Education*

Thomas Pat Almerio, Salt Lake City, Ut.; B.S. (University of Utah); *Communication*

Lynne I. Grover Archuleta, Kirkland Lake, Ontario, Canada; B.S. (Moorhead State College); *Education*

Timothy Dean Bailey, Washington C. H.; B.A. (University of Akron); *Education*

Susan Pamphuch Baughman, Westerville; B.S.Ed.; *Education*

Richard J. Bensman, Russia; B.S. (Bowling Green State University); *Education*

Susan E. Boerger, Marysville; B.S.; *Journalism*

George M. Bouldin, Columbus; B.S.Ed.; *Education*

Allan Dale Bowers, Columbus; B.S. (Franklin University); M.S. (University of Kentucky); *Public Administration*

Mark H. Buckingham, Albuquerque, N. M.; B.S. (University of Illinois); *Public Administration*

Rebecca Ann Burke, Columbus; B.A.; *Journalism*

Sharon Sue Burton, Cincinnati; B.S.; *Physical Education*

Edward J. Campbell, Jr., Downingtown, Pa.; B.S.Ed. (West Chester State College); *Public Administration*

Donna V. Chapple, Garfield Heights; B.A. (Ohio University); *Public Administration*

Wanda Teresa Cherry, Toledo; B.A.; *Education*

David A. Clark, Columbus; B.A. (Kent State University); *Public Administration*

Marna Lou Colestock, Galion; B.A. (Eastern Nazarene College); *Education*

Harry Herbert Collis, Grand Rapids, Mich.; B.A. (Michigan State University); *Business Administration*

Christine L. Coney, Waterloo, Ia.; B.A. (University of Northern Iowa); *Education*

Andrea Gilmore Davis, Gallipolis; B.S.Ed.; *Education*

Michael Raymond DePaul, Pittsburgh, Pa.; B.A. (University of Notre Dame); *Philosophy*

Charlene Weekley Devaney, Hilliard; B.S.Ed.; *Education*

Barbara J. Dillman, Lewistown, Pa.; B.A. (Bloomsburg State College); *Education*

Michael Allen Dudgeon, Alexandria; B.S.Ed.; *Education*

Also Master of Business Administration, Graduate School

- Alyce L. Eason, Huntsville, Ala.; B.S. (Tennessee State University); *Education*
- Deborah Ann Esparza, Columbus; B.S. (North Dakota State University); *Communication*
- James Willis Fehr, Jr., Springfield, Pa.; B.A. (Pennsylvania State University); *History*
- Evelyn Bernice Fineh, Grove City; B.S.Ed.; *Education*
- Guy Stephen Forsythe, Westerville; B.S.Ed.; *Education*
- Debra C. Friedland, Gaithersburg, Md.; B.A. (University of Maryland); *Communication*
- Michael Allen Froehlich, Columbus; B.A.; *Public Administration*
- Akiyo Furuichi, Tokyo, Japan; B.S. (Waseda University); *Education*
- Paul R. Gamble, Troy; B.A. (Antioch College); *Public Administration*
- Mary Ann Gladden, St. Clairsville; B.A. (Baldwin-Wallace College); *Education*
- Richard J. Gleason, Columbus; B.S.Ed. (Ohio University); *Education*
- Richard Goldfredrick, Columbus; B.S.Ed.; *Art Education*
- Janet Sandberg Gordon, Columbus; B.S. (Kent State University); *Education*
- William Arthur Grimm, III, Pataskala; B.A.; *Communication*
- Russell L. Hall, Bellefontaine; B.A.; *English*
- Anne Elizabeth Harris, Centerville; A.B. (Radcliffe College); *Psychology*
- Hermino Prestine Harris, Wilmington, Del.; B.A. (Elizabethtown College); *Psychology*
- William Dalton Hicks, Lanhan, Md.; A.B. (Lafayette College); *Psychology*
- Edward J. P. Hoffman, Columbus; B.S.Ed.; *Education*
- Thomas Hugh Hostenske, Reynoldsburg; B.A. (College of Wooster); *Communication*
- Kenneth L. Hoyt, Ashtabula; B.A. (Baldwin-Wallace College); *Journalism*
- Suzanne O'Neil Hudson, Columbus; B.A. (Stevens College); *Journalism*
- Everett Harry Jackson, Jr., Zanesville; B.S. (Andrews University); *Education*
- Judith Meyers Jenkins, Columbus; B.A.; *Education*
- Marcia Phyllis Kitain Kadetz, Dayton; B.S.Ed.; *Education*
- Anna Rebecca Rockey Katz, Columbus; B.S. (Youngstown State University); *Education*
- Alayne M. Kazin, Oceanside, N. Y.; B.S. (Indiana University); *Physical Education*
- Thomas Patrick Keenan, Columbus; B.S.Ed.; *Education*
- Judith Lynn Keitz, Columbus; B.S. (University of Kentucky); *Business Administration*
- Patrick D. Kent, Westerville; B.S.Ed.; *Education*
- Janice Elaine Kilburn, Columbus; B.A. (Pennsylvania State University); *Education*
- Debra S. Klamfoth, Columbus; B.A. (Wittenberg University); *Journalism*
- Timothy Ian Krass, Westlake; B.S.B.A. (Georgetown University); *Physical Education*
- Ngoc-Yen Lam, Saigon, Vietnam; B.A. (State University of New York at Buffalo); *Public Administration*
- Guy Vincent Lamolinara, Cleveland; B.A.; *Journalism*
- Peter Stanley Lemish, San Rafael, Calif.; B.A. (University of California at Santa Barbara); B.H.L. (Hebrew Union College); *Education*
- Karen Sue Lineberry, Columbus; B.S. (Bowling Green State University); *Education*
- Larry John Liningar, Reynoldsburg; B.S.Ed.; *Education*
- George Finney Linn, III, Norwalk; B.A. (University of Western Ontario); *Linguistics*
- Alma Myers Litten, Circleville; B.A. (Mount Saint Mary College); *English*
- Bruce Macadam, Hockessin, Del.; B.A. (University of California at Los Angeles); *Education*
- Mary Angela Manos, Canton; B.A. (University of Cincinnati); *Education*
- Ralph William Marinello, Columbus; B.A.; *Physical Education*
- Gale Schimmel Markus, Columbus; B.A. (Kent State University); *Art Education*
- Ann Elizabeth Marshall, Columbus; B.A. (Miami University); *Education*
- Roger Alan McChesney, Lake Charles, La.; B.A. (University of Southwestern Louisiana); *Public Administration*
- Peter McClernon, Worthington; B.A. (Don Bosco College); *Education*
- Patrick John McGory, Youngstown; B.G.S. (Kent State University); *Public Administration*
- Irene R. Melvin, Youngstown; B.S.Ed. (Miami University); *Education*
- Gean Michaels, Sidney; B.S.Ed. (University of Dayton); *Education*
- Kenneth C. Millisor, Bremen; B.A. (Wright State University); *Public Administration*
- Deborah L. Mix, Brattleboro, Vt.; B.A. (Castleton State College); *Education*
- Nancy Parker Moffitt, New Concord; B.A. (Allegheny College); *Education*
- Judith Furedy Montanaro, Columbus; B.A. (Denison University); *Education*
- †Cathleen Mary Murnane, Columbus; B.A.; *History of Art*
- Larry Joseph Myers, Newark; B.S.J. (Ohio University); *Journalism*
- Mark Jerome Neff, Dayton; B.A. (University of Notre Dame); *Public Administration*
- Bonita Delle Neth, Milligan College, Tenn.; B.S. (Milligan College); *Education*
- Mark Dean Nisbet, Columbus; B.A.; *Sociology*
- Mary Jane Noll, Murrysville, Pa.; B.A. (College of Saint Teresa); *Communication*
- Robert John Notestine, III, Bellefontaine; B.S. (Wright State University); *Public Administration*
- Birgitta E. Oberle, Kempton, Germany; Zinschenprüfung (University of Augsburg); *German*
- Jeri A. O'Donnell, Mansfield; B.S.Soc.Wel. (University of Dayton); *Education*
- William Daniel Odroneic, Duquesne, Pa.; B.S.Ed. (California State University); *Education*
- Shade 'Ojibe, Columbus; B.A.; *Education*
- Barbara Bolick Pagnotti, Mount Carmel, Pa.; B.S.Ed. (Bloomsburg State College); *Communication*
- Doris Thirsk Palm, Fairborn; B.S.; *Public Administration*
- Patricia G. Paulus, Columbus; B.A. (Miami University); *Public Administration*
- William Michael Perkins, Atlanta, Ga.; B.A. (Georgia State University); *Philosophy*
- Robin Diane Reese, Mountaintop, Pa.; B.S. (East Stroudsburg State College); M.S. (Western Illinois University); *Education*
- Marvin Lawrence Richardson, Parkersburg, W. Va.; B.A. (Kenyon College); *Romance Languages and Literatures*
- Kathryn Ann Riedel, Perrysburg; B.S. (John Carroll University); *Education*
- Carolyn Ann Robinson, Houston, Tex.; B.S.W. (Prairie View A & M University); *Public Administration*
- Amos Rolider, Haifa, Israel; B.A. (Wingate Institute); M.S. (Brigham Young University); *Education*
- James Anthony Rubino, Memphis, Tenn.; B.F.A.; *Philosophy*
- Claire Ann Sawaya, Mt. Vernon; B.A. (Miami University); *Public Administration*
- Patrick E. Shields, Highland Park, Ill.; A.B. (University of Illinois); *Political Science*
- Victoria Lynn Sinclair, Toledo; B.Mus.Ed. (Otterbein College); *Music*
- Loretta Johnson Smith, Richlands, Va.; B.A.; *Education*
- Scott Franklin Smith, Union City; B.S.Ed. (Kent State University); *Education*
- Caryl Ann Snide, Delaware; B.S.Ed. (Capital University); *Education*
- Harold Michael Snyder, Panama City, Fla.; B.A.; *Journalism*
- Michael Terner, Waban, Mass.; B.A. (Boston University); *History of Art*
- Deborah A. Thomas, Trumbull, Conn.; B.S. (University of Connecticut); *Psychology*
- Margaret Gallagher Thompson, Columbus; B.S. (Pennsylvania State University); *Education*
- Dora May Thomson, Newark; B.A. (Tarkio College); *Education*
- Clifton Lee Timbrook, Columbus; B.A.; *Political Science*

† To be awarded posthumously

James F. Underwood, Columbus; B.A. (Ohio Dominican College); *Education*

Debra Dawn Voegel, Pittsburgh, Pa.; B.S.Ed. (Ashland College); *Physical Education*

Brent Joseph Walker, Westerville; B.A. (Otterbein College); *Romance Languages and Literatures*

Samuel Poulton Wallace, Columbus; B.A.; *Communication*

Jacqueline Whitrock Ware, Columbus; B.S.Ed. (Otterbein College); *Education*

Mark Douglas Warren, Clarkston, Mich.; B.B.A. (Eastern Michigan University); *Physical Education*

Kenneth Harry Watman, Columbus; B.A. (Kenyon College); *Psychology*

Brent E. Webb, Sidney; B.S. (Bowling Green State University); *Education*

Ann Tharp Wertz, Columbus; B.S.Ed.; *Education*

Toni B. Westphal, Columbus; B.A.; *German*

Margaret Denise Williams, Fayetteville, N. C.; B.A. (North Carolina Central University); *Public Administration*

Margaret M. Williams, Columbus; B.A. (Miami University); *Health Education (Physical Education)*

Linda Dolf Wnek, Rayland; A.B. (Ohio University); *Psychology*

Chang-ying Yang, Taipei, Taiwan; B.A. (National Taiwan University); *East Asian Languages and Literatures*

Master of Business Administration

Bruce Burton Bearns, Toledo; B.S.Bus.Ad.; *Business Administration*

Adrienne Bosworth, Columbus; B.A.; *Business Administration*

Casper E. Budde, Portsmouth; A.B. (Kenyon College); *Business Administration*

Donald B. Burney, Cleveland; B.A. (Marietta College); *Business Administration*

Steven F. Dallman, St. Louis Park, Minn.; B.A. (Mankato State College); B.S. Arch.; M.Arch.; *Business Administration*

Bruce Allison DeWoody, Columbus; B.A. (California State University); *Business Administration*

Carol Braecken Fidler, Upper Arlington; B.S. (Kent State University); M.S.; *Business Administration*

Cathryn L. Grammer, Beloit; B.S.Bus.Ad.; *Business Administration*

Timothy Grant, Akron; B.S.Bus.Ad.; *Business Administration*

Jean-Francois Huguet, Paris, France; Certificate (University of Paris VI); Diploma (Ecole Speciale de Mechanique et d'Electricite); *Business Administration*

James Alan Huling, Westerville; E.B.A. (Ohio University); *Business Administration*

Katherine Ann Karvelis, Terrace Park; B.A. (Miami University); *Business Administration*

Gregory C. King, Columbus; B.S.Ed.; *Business Administration*

Glenn W. Kingsbury, Rochester, N. Y.; B.A. (State University of New York at Binghamton); *Business Administration*

Ronald D. Mabry, Columbus; B.I.A. (General Motors Institute); *Business Administration*

Robert P. Mitchell, Buffalo, N. Y.; B.A. (Morehouse College); *Business Administration*

R. Brian Modiano, Columbus; B.S. (Bowling Green State University); *Business Administration*

Chris James Nye, Rossford; B.B.A. (University of Toledo); *Business Administration*

Kiran Bhavan Patel, Mavsvari, India; B.Tech. (Indian Institute of Technology); M.S. (University of Wisconsin); *Business Administration*

Michael William Ploetz, Milwaukee, Wis.; B.S.Bus.Ad.; *Business Administration*

George S. Prabhu, Columbus; B.Sc. (Sambalpur University); *Business Administration*

Stella Herriges Quirk, Columbus; B.S. (University of Wisconsin); *Business Administration*

Rimas J. Rauba, Brooklyn, N. Y.; B.E. (City College of New York); *Business Administration*

Howard Brian Seiferas, Columbus; B.E.A. (University of Wisconsin); *Business Administration*

Gregg Alan Sherman, Delaware; B.S. (Babson College); *Business Administration*

Gary Franklin Suttles, Dayton; B.A.; M.A.; *Business Administration*

Jeanne Ramme Sydenstricker, Fairborn; B.S. (West Virginia University); *Business Administration*

Michael Arthur Taylor, Williamsport, Pa.; B.S.; *Business Administration*

Thelma A. Wallace, Charleston, W. Va.; B.S. (West Virginia State College); *Business Administration*

Elizabeth Ann Wolford, Middletown; B.A. (Miami University); *Business Administration*

Sharon Louise Yontz, Columbus; B.M. (Miami University); *Business Administration*

John Timothy Zietlow, Bexley; B.S.Bus.Ad.; *Business Administration*

Master of City and Regional Planning

Rowland Omodele Agbade, Igede, Ekiti, Nigeria; B.Sc. (University of Nigeria); *City and Regional Planning*

Dennis P. Joseph, Flint, Mich.; B.S. (Michigan State University); *City and Regional Planning*

Rakesh Sharma, Chandigarh, India; B.Arch. (College of Architecture); M.Arch.; *City and Regional Planning*

Patricia Burgess Stach, Columbus; B.S.; *City and Regional Planning*

Margaret Ann Roels Talarico, Corpus Christi, Tex.; B.A. (Catholic University of America); M.A.; *City and Regional Planning*

Master of Labor and Human Resources

Margaret Anne Hadley, Columbus; B.A. (Vanderbilt University); *Labor and Human Resources*

Stephen Joseph Havlovic, Terrace Park; B.A.; *Labor and Human Resources*

Robert H. Ovardia, Yonkers, N. Y.; B.A.; *Labor and Human Resources*

Master of Music

David Paul Eyler, Baltimore, Md.; B.S. (Frostburg State College); *Music*

Linda Darlene Leave, Wellsville, N. Y.; B.A. (Allegheny College); *Music*

Mary Snyder Saxon, Columbus; B.M. (University of Alabama); *Music*

Darlene Rae Sedoris, Springfield; B.M. (Northern Illinois University); *Music*

Master of Public Administration

Harlow G. Ballard, Columbus; B.A.; *Public Administration*

Deborah Thies Daniels, Winston-Salem, N. C.; B.S. (Winston-Salem State University); *Public Administration*

Paul J. Feldman, West Carrollton; B.A. (Capital University); *Public Administration*

Debra Kay Gergye, Akron; B.A. (University of Akron); *Public Administration*

Phillip A. Niedzielski-Eichner, Columbus; B.S. (John Carroll University); *Public Administration*

Master of Science

Muzaffer Adigüzel, Emet/Kütahya, Turkey; Diploma (Istanbul State Academy of Engineering and Architecture); *Geodetic Science*

Seong Jin Ahn, Seoul, Korea; B.A. (Seoul National University); M.S. (Wright State University); *Computer and Information Science*

Fereydoun Anoushiravani, Tehran, Iran; B.S.; M.S. (Indiana State University); *Nuclear Engineering*

Janet Elizabeth Anspach, Berrien Springs, Mich.; B.S. (Loma Linda University); *Allied Medical Professions*

Robert Wayne Arenz, Farmington, Mo.; B.A. (Central Methodist College); *Astronomy*

Joseph A. Avallone, Fort Lauderdale, Fla.; B.S. (Oklahoma State University); *Electrical Engineering*

! Also Master of Architecture, Graduate School

- Ann Elizabeth Barnes, Alexandria, Va.; B.S. (Wake Forest University); *Mathematics*
- Suryakumar Boriah, Columbus; B.Tech. (Indian Institute of Technology); *Mechanical Engineering*
- Delbert Franklin Boring, Jr., Galloway; B.S.C.E.; *Civil Engineering*
- Alan W. Brackney, Des Moines, Ia.; B.S. (Iowa State University); *Zoology*
- David Everett Bradley, Copley; B.S. (Northwestern University); *Bio-Medical Engineering*
- Pamela Fern Bradley, Winterville; B.S.A.A.E.; *Aeronautical and Astronautical Engineering*
- Warren D. Britt, New Albany; B.S.; M.S. (New York University); *Computer and Information Science*
- Eileen M. Buchholz, Wooster; B.S.Ed.; *Natural Resources*
- Gregory Buniak, Livingston, N. J.; B.A. (Rutgers University); *Nuclear Engineering*
- George R. Carr, Jr., Des Moines, Ia.; B.A. (Drake University); *Computer and Information Science*
- Arnon Chait, Ramat-Gan, Israel; B.S.M.E.; Handassai (ORT Technical College); *Mechanical Engineering*
- Haiyung Cheng, Taiwan, R.O.C.; B.S. (Tungshai University); *Pharmacy*
- Barbara Morrison Conn, Portsmouth; B.S. (The College of Saint Teresa); *Nursing*
- Barbara J. Cooke, Columbus; B.S.H.E.; *Preventive Medicine*
- Susan Beth Corcoran, Columbus; B.S.; *Home Economics*
- Michael J. Cordonnier, Russia; B.A. (Miami University); *Agronomy*
- Jack Lee Courtney, Dayton; B.S. (Wright State University); *Electrical Engineering*
- John B. Crishi, Jr., Indian Head, Md.; B.S. (Salisbury State College); *Computer and Information Science*
- Robert Allen Day, II, Cinnaminson, N. J.; B.S. (Rutgers University); *Electrical Engineering*
- Judith Ellen Deis, Centerville; B.S. (University of Dayton); *Physics*
- Kenneth Thornton DenBleyker, Cedar Grove, N. J.; B.S. (Newark College of Engineering); *Chemistry*
- Diane Sue Doud, Roann, Ind.; B.S. (Purdue University); *Horticulture*
- Joseph Anthony Eduardo, Warren; B.S.; *Civil Engineering*
- Wahib Sobhi El-Benni, Tripoli, Lebanon; Licence; Diploma (The Lebanese University); Doctorate de 3 cycle (Louis Pasteur University); *Industrial and Systems Engineering*
- James William Erwin, Bourbon, Ind.; B.S. (Purdue University); *Horticulture*
- Summer Lea Feierabend, Columbus; B.S. (University of North Carolina at Greensboro); *Home Economics*
- Barrett Nicholas Fountos, Youngstown; B.A. (Case Western Reserve University); *Preventive Medicine*
- Nancy W. Freeman, Pickerington; B.S. (Ohio Wesleyan University); *Food Science and Nutrition*
- Edward L. Fritzen, Jr., Columbus; B.S. (University of Notre Dame); *Chemistry*
- Kin Chee Fung, Hong Kong; B.S.E.E. (Ohio University); *Computer and Information Science*
- Raj Kumar Garg, Kanpur, India; B.Tech. (Indian Institute of Technology); *Ceramic Engineering*
- Gregory W. Good, Columbus; O.D.; *Physiological Optics*
- Juliana Westcott Graney, Columbus; B.S.Ed.; *Natural Resources*
- James Styles Grauman, Noblesville, Ind.; B.S. (Purdue University); *Chemistry*
- Joe W. Green, Jr., Rockville, Ind.; B.S. (Purdue University); *Agricultural Education*
- Jeffrey P. Gunderson, Cincinnati; B.A. (University of Cincinnati); *Computer and Information Science*
- Donald Edward Hair, Put-in-Bay; B.S.; *Zoology*
- Hamid Hakimzadeh, Tehran, Iran; B.S. (Pahlavi University); *Animal Science*
- James Charles Harris, Medford, Mass.; B.B.A. (University of Massachusetts); *Computer and Information Science*
- Elizabeth Mary Heckler, Cincinnati; *Food Science and Nutrition*
- David J. Hellmann, Cincinnati; B.S. (Xavier University); *Computer and Information Science*
- Vincent C. Henrich, Vandalia; B.S. (University of Notre Dame); *Genetics*
- Bruce Wallace Hill, Northglenn, Colo.; B.S. (Colorado State University); *Computer and Information Science*
- Thomas Alan Huber, Cuyahoga Falls; B.S. (Westminster College); *Agronomy*
- Eva Hudlická, Blacksburg, Va.; B.S. (Virginia Polytechnic Institute); *Computer and Information Science*
- Rosemarie Dolores Hunziker, Springfield, Va.; B.Sc. (Philadelphia College of Pharmacy and Science); *Dairy Science*
- Dennis John Inkrott, Leipsic; B.S.Agr.; *Horticulture*
- Shirley Wilson Irvin, Delaware; B.S.; *Home Economics*
- Ruth M. Ivory, Yale, Va.; B.S. (Howard University); *Chemical Engineering*
- Michael Joseph Jacquemin, Hamilton; B.S.; *Agronomy*
- Wilailuck Jirakanjana, Bangkok, Thailand; B.S.; M.S. (Chulalongkorn University); *Mathematics*
- Robert W. Karkoska, South Euclid; B.S. (University of Dayton); *Mathematics*
- Kostas Katsambalos, Salonika, Greece; Diploma (National Technical University); *Geodetic Science*
- Timothy J. Katynski, Parma; B.E.E. (Cleveland State University); *Electrical Engineering*
- Jeffrey P. Katz, Columbus; B.S. (George Washington University); *Pathology*
- Kenneth L. Kiper, Waverly; B.S. (Olivet Nazarene College); *Physics*
- Gretchen Kay Kruger, Columbus; B.A. (Miami University); *Allied Medical Professions*
- Gary Leonard Kruse, Kenton; B.S.; *Agricultural Education*
- Hongchih Kuo, Taipei, R.O.C.; B.S. (National Tsing Hua University); M.S.; *Computer and Information Science*
- Konrad Marc Kuzmanoff, New York, N. Y.; B.A. (Johns Hopkins University); *Botany*
- Judith Kilmer Lamp, Port Clinton; B.S.; *Nursing*
- Jyh-ren Lan, Taiwan, R.O.C.; B.E. (Taiwan Provincial College of Marine and Oceanic Technology); *Food Science and Nutrition*
- Paktra Lawhanuwat, Bangkok, Thailand; B.S. (Chulalongkorn University); *Pharmacy*
- Moon-Hee Lee, Seoul, Korea; B.S., M.S. (Seoul National University); *Metallurgical Engineering*
- Patrick Shane Lerch, Columbus; B.S.; *Natural Resources*
- Syd Lewis Lifshin, New York City, N. Y.; B.A. (Queens College); M.S.; *Computer and Information Science*
- Yung-Long Ling, Taipei, Taiwan, R.O.C.; B.S. (Fu-Jen Catholic University); *Electrical Engineering*
- Clarence Chi-De Liu, Taiwan, R.O.C.; B.E. (Chung Yuan College of Science and Engineering); *Civil Engineering*
- Tze-Hore Howard Liu, Taiwan, R.O.C.; B.S. (National Tsing Hua University); *Nuclear Engineering*
- Debra Wascher Lowry, Columbus; B.S.; *Preventive Medicine*
- Jonathan F. Luedeke, Columbus; B.A. (Asbury College); *Electrical Engineering*
- Joseph Douglas Lurie, Lexington, Mass.; B.S. (University of New Hampshire); *Food Science and Nutrition*
- John James Lynch, LaCrosse, Wis.; B.A. (Saint John's University); B.S. (Viterbo College); *Allied Medical Professions*
- Thomas Richard MacGregor, Sandusky; B.S.; *Pharmacy*
- Dennis Eugene Macha, West Milton; B.S. (Michigan State University); *Metallurgical Engineering*
- Sarita Lynn Mattison, Jackson, Tenn.; B.S. (University of Tennessee); *Microbiology*
- Christopher Eric Maxwell, Knoxville, Tenn.; B.A. (University of Tennessee); *Computer and Information Science*
- John Cooper McKinney, Newark; B.S.; *Natural Resources*
- Richard G. McNally, Dayton; B.S.A.E. (University of Cincinnati); *Mechanical Engineering*
- Robin R. Melvin, Rockville, Md.; B.S. (Michigan State University); *Home Economics*

1 Also Bachelor of Science in Food Science, College of Agriculture and Home Economics

Robert Lee Menard, Kankakee, Ill.;
B.S. (Saint Joseph College); *Civil
Engineering*

David H. Mennenga, Urbana, Ill.;
B.S. (Southern Illinois University);
Mechanical Engineering

Joseph Gerard Mercer, Xenia,
B.E. (Stevens Institute of Technology);
Mechanical Engineering

Mary Ellen Mihaly, Burlington, Wis.;
B.S. (University of Wisconsin);
Computer and Information Science

Ray Eugene Miller, Holmesville;
B.S.; *Agricultural Education*

Mark Douglas Mills, Hanna, Ind.;
A.B. (Indiana University); *Computer and
Information Science*

Andrew Santen Mitchell, Cincinnati;
B.S.E.E. (University of Cincinnati);
Electrical Engineering

Frank Warren Mitchell, Springfield, Mo.;
B.S. (University of Arkansas);
Chemical Engineering

Aeryung Moon, Seoul, Korea; B.S.
(Seoul National University); *M.S.;
Computer and Information Science*

Barbara Mulherin, Spencer;
B.S.H.E.; *Food Science and Nutrition*

Prabhat Munshi, Kanpur, India;
B.Tech. (Indian Institute of Technology);
Nuclear Engineering

Teresa Annette Myer, Zanesville; B.S.
(Miami University); *Natural Resources*

Leslie Edward Ott, Ottawa, Ontario,
Canada; B.Eng. (Royal Military College);
Geodetic Science

Lyn D. Paulson, Washington, D. C.;
B.S.; *Genetics*

Robert Jay Peterson, Wilmington;
B.S.; *Agricultural Economics and
Rural Sociology*

Hurist Paul Pitre, Jr., Xenia; B.S.
(McNeese State University); *Aeronautical
and Astronautical Engineering*

Syed Burhanullah Qadri, Hyderabad, India;
B.S.; M.S. (Osmania University); M.A.
(Kent State University); *Mathematics*

Gregory Allyn Robinson, Fort Campbell,
Ky.; B.S. (Cornell University);
Geodetic Science

Thomas P. Russin, Steubenville;
D.D.S.; *Dentistry*

Victoria Anne Saunders, Hermiston, Ore.;
B.S. (Loma Linda University);
Allied Medical Professions

Marilyn Kay Schmalz, Rockford, Ill.;
B.S. (University of Illinois);
M.S. (University of Puget Sound);
Allied Medical Professions

Deborah Jeanne Schultz, Ashland, Ky.;
B.A. (DePauw University); *Computer
and Information Science*

Harold David Seigel, Hillsdale, N. J.;
B.A. (University of Rochester);
Computer and Information Science

Mithilesh J. Sharma, Nagpur, India;
M.B.B.S.; M.S. (Nagpur University);
Surgery

Lee Karen Sharr, Salem, Va.;
B.S. (Longwood College); M.S.;
Industrial and Systems Engineering

Randal Eugene Simpson, Marshall, Ill.;
B.S. (Eastern Illinois University);
Geodetic Science

Harry Eugene Smith, Jr., Gahanna;
B.S.; M.S.; *Computer and
Information Science*

Douglas J. Sober, Leechburg, Pa.; B.A.
(Clarion State College); *Pharmacy*

Kathleen Adele Sommer, Fort Wayne, Ind.;
B.S. (Purdue University); *Computer and
Information Science*

Douglas Owen Stapp, Dayton;
B.S. (University of Dayton); *Electrical
Engineering*

Bernice Helen Strommer, St. Paul, Minn.;
B.A.; M.S. (University of Minnesota);
Preventive Medicine

G. Sundararajan, Tamilnadu, India;
B.Tech. (Indian Institute of Technology);
Metallurgical Engineering

Nasser A. Tabbaa, Riyadh, Saudi Arabia;
B.S.; *Horticulture*

David G. Tarry, Swift Current,
Saskatchewan, Canada; D.M.D. (University
of Manitoba); *Dentistry*

Thomas Oliver Tindall, Jr., Los Angeles,
Calif.; B.A. (University of California at
Los Angeles); *Geodetic Science*

Satya Narayan Tiwary, Nepal, India;
B.Sc. (Punjab Agricultural University);
Agricultural Education

Linda Rachael Toney, Melrose, Mass.;
B.S.M.E. (Tufts University);
Mechanical Engineering

Chang-Yung Timothy Tung, Taipei,
Taiwan, R.O.C.; B.S. (National Central
University); *Mathematics*

Thientrong Vangpatnakuljai, Bangkok,
Thailand; B.Eng. (Chulalongkorn
University); M.S.; *Industrial and
Systems Engineering*

Jose Fabio Velez M., Medellin, Colombia,
South America; Mechanical Engineer
(Universidad Pontificia Bolivariana);
Metallurgical Engineering

Lawrence William Wald, North Olmsted;
B.S.; *Electrical Engineering*

Chin Johnson Wang, Taipei, Taiwan,
R.O.C.; B.S. (National Tsing Hua
University); *Computer and
Information Science*

Chuan-Yu Rosaline Wang, Taipei, Taiwan,
R.O.C.; B.S. (National Chung-Hsing
University); *Horticulture*

Janet Ione Weaver, Hiawatha, Kans.; B.A.
(Ottawa University); *Home Economics*

Bernard Edward Williams, Kettering;
B.S.; *Civil Engineering*

Steven Zack Willson, Delaware;
B.S.; *Natural Resources*

Eleana Moy Yam, Hong Kong;
B.S. (State University of New York at
Stonybrook); *Electrical Engineering*

Cathleen Zager, Griffin, Ga.; B.S.
(University of Georgia); *Computer and
Information Science*

Michael J. Zolidis, Cleveland; B.S. (United
States Military Academy); *Mechanical
Engineering*

Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans:
Andrew J. Broekema

Vice Provost for the Arts and Sciences:
Thomas A. Wilke

The Colleges of the Arts and Sciences,
a federation of five colleges, include:

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

JoAnn Claire Bals, Pickerington
John Marshall Brush, Columbus
Linda Beth Cochran, Columbus
Scott Allen Domm, Vermilion
Kevin Joseph Dunn, Marion
Robert Walter Kuenning, Petersburg, VA
Jodie L. Olds, Columbus
Lisa Kay Reed, Worthington
James K. Sprouse, Columbus
Todd Anthony Weier, Columbus

Bachelor of Fine Arts

Ruby Nell Brownlee Andrews,
Rickenbacker AFB
Reggie Gene Augustine, Wauseon
David Lee Callahan, Columbus
Heidi Pfaff Fishpaw, Columbus
Richard Philip Frehs, Columbus
Clinton Arthur Heath, Columbus
Jane Ann Holden, Columbus
Matthew Roderick Hughes, Granville
Julia Ann Jolliffe, North Canton
Lisa Marguerite Klein, Columbus
Mary Leslie Masters, Findlay
Bruno Tony Joe Pellegrini, Columbus
Edward Lynn Phillips, Maumee
Nona Susanne Pierce, Columbus
Laura Lee Pope, Los Angeles, CA
Della Ann Jolliffe, North Canton
Jamie Jo Stayman, Troy
Tracy Lee Steinbrook, Columbus
Margarete Sunderland, Van Wert
Mark Alan Tracy, Wooster
Heidi Elizabeth Uotila, Columbus
John Michael Waldman, Amlin
Susan Kathleen Wisler, Gallon

Bachelor of Music

Faith Muzet Decker, Marion
Mary Elizabeth MacNab, Hudson
Laurie Blough Miller, Columbus

Bachelor of Art Education¹

John Harvey Clark, Jr., Marion
Ellen Hawley Henry, Chagrin Falls
Cheryl McCrorie Knox, Columbus
Marc M. Ramsey, Pataskala
Cynthia Lynne Todd, Bucyrus

Bachelor of Music Education¹

Lori Jane Braid, Alliance
William Kenneth Carpenter, Jr., Columbus
Annette Louise Lamey, Columbus
Gwendolyn Kay Mather, Columbus
Holly Jean Smith, Port Clinton

Bachelor of Science in Audio Recording

David Daniel Smith, Williamsburg

Bachelor of Science in Industrial Design

Donald F. Cuddihee, Jr., Greer, SC
Thomas W. Davis, Columbus
Donald Michel Embree, Westlake

College of Biological Sciences

Acting Dean: Patrick R. Dugan

Bachelor of Arts

Guriqbal Singh Basi, Bedford Heights

Bachelor of Science

Susan Alene Beasecker, Marysville
Daniel Antony Berta, Columbus
Marco Joseph Bonta, Columbus
Candilee Butler, Columbus
Mark Alan Carter, Columbus
David Lawrence Condon, Columbus
Jeffrey Allan Crider, Strongsville
John Garrett Dirina, Columbus
Diane Edith Durrell, Columbus
Mark Stuart Elliott, Worthington
George A. Ellis, Jr., Columbus
Milena L. Fencel, Hinsdale, IL
Maria Anne Fieck, Worthington
Cheryl Fung, Columbus
Michael David Gold, Toledo
Anita Lee Herold, Parma
Flavel J. Heyman, Sandusky
Valerie Jean Jones, Columbus
Pamela Sharon Kagay, Centerville
Janice Kotich, Westfield, MA
Alan Louis Laub, Cincinnati
JoAnn Marie Little, Columbus
Gregory William Luli, Mt. Vernon
Ihor Mahlay, Parma
Patrick Kelly McNamara, Columbus
Sanford Z. Melmed, Columbus
Allen Gene Muster, Gnadenhuetten
Stephen Wayne Nichols, Granville

Julia Jan Niezgoda, Massillon
E. David Podolsky, Youngstown
Rick Alan Prebeg, Shadyside
Rebecca Jo Richter, Worthington
Mark Kevin Rowland, Chillicothe
Russell M. Rudy, Cleveland
Mark John Schiesinger, Medina
Mark Madden Sheahan, Toledo
Gregory W. Siewny, Middletown
Paula M. Schmidt, Columbus
Ray Stanton Wheasler, III,
Laramie, Wyo.
Allen Keith Zimmerman, Kent
Timothy J. Zimmerman, Middletown
Frank M. Zuch, Akron

College of Humanities

Dean: Diether H. Haenicke

Bachelor of Arts

Russell J. Asmus, Massillon
Scott Benjamin Baskin, University Heights
William Scott Behrens, Columbus
Laurie Jane Beringer, Columbus
Melissa Rae Bland, Columbus
Susan Pamela Blau, Columbus
Jane Helen Breyer, Westerville
Colleen Elizabeth Cook, Marietta
Lesley Lynn Coon, Columbus
Jada Lynn Counts, Delaware
Maralyn Crowe, South Point
Bruce Tomlinson Davis, Columbus
John Matthew DeTemple, Columbus
Heide I. Fabiano, Columbus
Denetris R. Godbold, Cleveland
Deborah Ann Gross, Cleveland
Nancy Gale Gumerlock, Columbus
Jeanine Marie Harkonen, Fairview Park
Ann Catherine Herbert, Columbus
Michael Hiltbrunner, Columbus
John Sutton Hire, Mansfield
Marguerite Virginia Hood, Columbus
Kathryn Loray Hunley, Columbus
Carleton Edward Jones, III, Columbus
Shawn Elizabeth Kalick, Columbus
Matthew Keenan, Columbus
Elisabeth Marie Lang, Worthington
Sheryl Renee Lechtner, Erie, PA
Bruce Richard Levin, Columbus
Phillip Allen Li, Sidney
Charles Murray Little, Columbus
Amos Oren Long, III, Elida
John Agnes McDonald, Carey
Nicholas John Metrowsky, Columbus
Aubrey Richard Morrison, Chagrin Falls
Linda Louise Ott, Columbus
Joseph M. Redd, Columbus
Mary Ann Ries, Upper Arlington
Cynthia Lea Ringer, Columbus
Joan Willard Sanders, Jr., Columbus
Karen Haddnell Silver, Columbus
Elizabeth Holmes Snyder, Columbus
Alfonz Sokol, Parma
James Edward Stocksdale, Columbus
Barbara Jean Sturgill, Clermont, FL
Doug K. Swinehart, Columbus
John William Van Schiak, Dayton
Tim M. Watterson, Akron
Daria Kay Williams, Columbus
Diane Esta Williams, Canton
Susan Wolford, Columbus

College of Mathematical and Physical Sciences

Dean: Colin B. B. Bull

Bachelor of Arts

James E. Pollock, Delaware
Ken T. Shand, Cuyahoga Falls
Joanne M. Shoemaker, Columbus
Steven James Thacker, Columbus

Bachelor of Science

Alan L. Albertus, Columbus
Alan Ray Brautigam, Sidney
Bernard Marcus Cadden, Columbus
Craig Alan Cox, Sharon Center
Kathryn Epp, Columbus
Robert Paul Felder, South Euclid
Jeff Dore Findl, Granada Hills, CA
Brenda Haas, Worthington
Robert Edward Myers, West Farmington
Karl Drum Neuding, Reynoldsburg
Tuan B. Pham, Columbus
David Lee Schwartz, Beachwood
Brent Dwane Smith, Stoutsville
Donald W. Troup, Columbus

College of Social and Behavioral Sciences

Dean: S. Earl Brown

Bachelor of Arts

Steven P. Abrams, Mansfield
Elias Khaal Ayoub, Nazareth, Israel
Joanne Jane Azalio, Dillonvale
Emily Claudia Bart, Cincinnati
Crystal Lynn Beighley, Oberlin
Sandra Elizabeth Bell, West Chester
Rebecca Jeanne Benson, Dublin
Christine Berka, Columbus
Matthew S. Beverstock, Lakewood
Ketsay Ann Bloechl, Worthington
Gary Richard Boles, Marion
Geraldine Dolores Bonacci, Columbus
Joan Arlene Berger, Painesville
Jeenallice M. Brickman, Delphos
Stephanie Lynn Brownlee, Cleveland
Barbara Lynn Camens, Youngstown
Kenneth L. Campbell, Jr., Middletown
Kimberly Carrigan Carroll, Bellville
Maria Christina Cerna, Columbus
Kim Marie Churchill, Dayton
Steven Douglas Cole, Dayton
Heather M. Collingwood-Hicks, Columbus
Kathy Ann Collins, Columbus
Anthony Samuel Condo, Columbus
Donald Joseph Crosswhite, Columbus
William Lewis Darling, Plain City
Janice Lynn Davison, Columbus
Denise Marie Dembinski, Columbus
Nancy L. Douglas, Columbus
Tina L. Dunlap, Columbus
Kevin Paul Ellessor, Columbus

¹ Offered jointly by the College of the Arts
and the College of Education

² Also Bachelor of Science, College of Education

'Teresa Denise Evans, Grove City
 Richard Wesley Figley, Columbus
 Donald M. Floyd, Jr., Columbus
 Sara Jo Foster, Sylvania
 Scott MacDonald Frame, Columbus
 Sally Jo Francis, Columbus
 Michael D. Frison, Columbus
 William Edward Geiger, Minster
 Brett Gingold, New York, NY
 Mark Douglass Glenn, Columbus
 Linda Graham, Cincinnati
 Ellen R. Greenberg, Columbus
 Karis Kristian Hackmann, Lancaster
 Timothy Lee Hackworth, Cincinnati
 Kim Lew Hardy, Columbus
 Robin Harris, Columbus
 Sandra Hawkins, Columbus
 Jill Ann Huntley, Columbus
 Martha Pedersen Jackson, Worthington
 Janet Ann Jamison, Bucyrus
 Dale Stanley Kaner, Columbus
 Karen S. Keeran, Columbus
 L. Douglas Kendall, Columbus
 Lisa Ann Kidwell, Columbus
 Julie A. Kime, Rittman
 John Bowers Kohler, Lancaster
 Sharon Konikoff, Norfolk, VA
 Robert Edward Lampkin, III, Columbus
 Susan Marie Lebold, Columbus
 Deborah Michelle Levine, Columbus
 Rhonda Gail Levine, Santa Cruz, CA
 Jeannette Luc, Fremont
 Robert Paul Lyndes, Worthington
 Douglas Russell Maag, Columbus
 Dorothy May Major, Columbus
 Vickie Lynne Mathews, Lancaster
 Jonathan G. Maxson, Canton
 Matthew Dean McCandlish, Columbus
 Michael Lee McCormick, Columbus
 Sherryl L. Mink, Columbus
 David Bryant Mitchell, II, Columbus
 Timothy Brooks Mitchell, Columbus
 Angela Faye Mueller, Columbus
 Mary Jo Nuckols, Hamilton
 Ruth Diana Orecutt, Columbus
 Sue Ellen Penrod, Columbus
 Cynthia Ann Porter, Dayton
 Lawrence Steven Press, Columbus
 Wanda F. Raybon, Cleveland
 Suzanne Ellen Russ, Louisville, KY
 Sandra Marie Scott, Hamilton
 Lianne René Self, Columbus
 James M. Seliskar, Sunbury
 Robin Joann Shaw, Columbus
 Gregory Siegfried, Marietta
 Aux-Vasse Juanita Simms, Columbus
 James A. Smith, Massillon
 Jean Marie Smith, Columbus
 Lorri Ann Smith, Cleveland
 Richard Michael Solomon, Mansfield
 Paul E. Sparks, Jr., Whitehall
 Mark Vernon Sroufe, Zanesville
 Barry Teteibaum, Columbus
 Ted Douglas Wade, Delaware
 Janet M. Wagner, Medina
 Jeffrey Gerard Williams, Cridersville
 David Wesley Willis, Columbus
 Harold Edwin Wilson, Jr., Columbus
 Thomas James Winkler, Lima

Bachelor of Science

Donna Jolliff Clady, Richwood
 Bryan L. Eisenhart, Medina
 Charlene Yvette Galloway, Steubenville
 Elizabeth Anne Keenan, Woodbridge, VA
 Ken Sue Miller, Columbus
 Richard Morris Peck, Pickerington
 Holly Diane Simpson, Columbus

Bachelor of Arts in Journalism

Cheryl S. Blair, Columbus
 Lauren Jeanne Barnes, Fairborn
 Stephen Lawrence DeVita, Lima
 Arthur Ditty, Grove City
 Michelle Ann Dorsey, Dayton
 Tania Jeanne Espenschied, Gahanna
 Patricia Barnes Hadler, Westerville
 Lawrence Arthur Herrett, Defiance
 Margaret Ann Irwin, Lima
 Susan G. Kitterman, Worthington
 Carol L. Merry, Caldwell
 Thomas J. Mihovk, Columbus
 Renee Miller, Highland Heights
 Joyce Denise Nettles, Cleveland
 John Robert Oller, Huron
 Cheryl Lynn Pentella, Canton
 Madelyn M. Peroni, Davison, MI
 Cynthia L. Salasovich, Lorain
 Mark R. Schlesinger, Bexley
 Emily Jean Smith, Columbiana
 Julie Marie Stoiber, Canfield
 Thomas Kevin Storey, Penfield, NY
 Susan Ann Winslow, Locust Valley, NY
 Elizabeth Ann Wright, Xenia
 Jennie Marie Yeagley, Columbus

College of Administrative Science

Dean: Edward H. Bowman

Bachelor of Science in Business Administration

Robert Reese Arnett, Celina
 Patricia Ann Azallion, St. Clairsville
 Mark Stuart Bawn, Green Neck, NY
 Steven Anderson Ballantyne, Indiana, PA
 Dale Edward Banks, Mentor
 Michael Glenn Barnett, Columbus
 Lisa Jo Beck, Columbus
 Debra Marie Biely, Columbus
 Anthony James Bodnyk, Worthington
 Barbara Lynn Bowers, Middleburg Heights
 Marian Louise Boyle, Cambridge
 Michael Charles Bruner, Avon
 James Bernard Buck, Reynoldsburg
 Thomas Joe Byers, Jr., Columbus
 William Franklin Cartee, III, Omaha, NE
 Cynthia Susan Clare, Elyria
 Pamela Sue Clarke, Dayton
 Michael D. Cline, Millersburg
 Michael Francis Coady, Columbus
 John Paul Cochran, Columbus
 James J. Corbett, Columbus
 Valleri Jayne Crabtree, Wellston
 John Raymond Cross, Canton
 Paul Kevin Cross, Columbus
 Sandra Dampier, Akron
 Meri Venita Dansby, Akron
 Lawrence Charles Dickson, Columbus
 Thomas Vincent DiCola, Parkman
 James Joseph Dodd, Westlake
 Jeffrey Howard Duchon, South Euclid
 Ronald Allen Fisher, Beachwood
 James Richard Flath, Shelby
 Pamela Sue Fugitt, Mansfield
 Priscilla Ann Galloway, Pittsburgh, PA
 Carol Ann Gearig, Holland
 Pedro A. Gonzalez, Guaynabo, Puerto Rico
 Marilyn Louise Graman, Columbus
 Duncan Ellis Griffin, Columbus
 Newton Robert Grillo, Jackson
 Ned Edgar Gruebmeier, New Bremen
 Philip Meryl Hacker, Springfield
 Mark Alvin Hageman, Botkins

Robert Lee Hageman, Dayton
 Michael Scott Hannah, Troy
 Ronald Joseph Harkins, Worthington
 James Woerner Haring, Jr., Bellville
 William Ronald Harshbarger, Columbus
 Glenn Gene Hayward, Elyria
 Robert Lee Hedmond, II, Steubenville
 George Willis Henry, Jr., Elyria
 Joseph B. Hill, Galion
 Joann Marie Hnat, Parma
 Jeffrey Warren Holt, Montgomery
 Evelyn Jacula Holland, Fairfax, VA
 Jeffrey David Hood, Medina
 Delana Faye Hoover, Ashville
 Stephen E. Houck, Kettering
 Ronald Larry Huelskamp, Versailles
 Henry Clay Jackson II, Elkview, WV
 Paul Staton Jones, Oak Hill
 Roseann Karvois, King of Prussia, PA
 Ernest Willie Kelly, Akron
 David Randall King, Columbus
 Michael Evan Kinser, Hilliard
 Steven Alen Kleinschmidt, Sandusky
 Steven Robert Klemm, Ottawa
 Carol Judith Koch, Cuyahoga Falls
 Barry Clarke Kohn, Columbus
 Dolores Lee Kourie, Columbus
 Michael Avery Krieger, Skokie, IL
 John Hogland Lauffer, Dayton
 Clifford R. Lehman, Fresno
 Debra Faye Light, Cleveland
 Darcy Ellen Lingo, Gallipolis
 Suzanne Marie Lishka, Columbus
 Kenneth Allan Lodge, Waterloo, Ont., Canada
 Gregory Lee Long, Cincinnati
 Patrick Joseph Mackin, Columbus
 Rebecca Lynne Madigan, Zanesville
 Gary Edward Margolis, Cleveland
 Mark Robert Matheny, Niles
 Blair Lin McGaughy, Canton
 Kathleen Ann McMillan, Fairborn
 Thomas Elgin McVey, Morrow
 David Erwin Merz, Jr., Columbus
 Steven Phillip Mikusa, Bucyrus
 Donald Thomas Miller, St. Marys
 Jeffrey D. Miller, Newbury
 Steven Dayton Morgan, Gallipolis
 Harold Clarkson Morley, Columbus
 Joseph A. Murgida, Cleveland
 Paul Edward Myers, Streetsboro
 Thomas Harvey Nelson, Norton
 William Busse Niemeier, Jr., Indianapolis, IN
 Leyland Archibald Noble, Guyana, South America
 Carol Patricia Ofrey, Columbus
 Judy L. Orandi, Alliance
 John Benjamin Overfield, Columbus
 Dan R. Parks, Coshocton
 Jane Austin Patrick, Columbus
 Keith James Pecinovskiy, Columbus
 Frank Christopher Perry, Boardman
 Raymond M. Petrie, Akron
 Keith Edward Pritchard, Bucyrus
 John F. Pultz, Columbus
 Margaret Louise Quinn, Struthers
 Nenad Radjenovich, Columbus
 Mark Steven Redman, Zanesville
 Randall Herbert Reese, Lancaster
 Kim Joseph Risner, Tiffin
 Diana Lynn Ritchie, Pataskala
 Darrell Alan Robinson, Cleveland
 Estel Eugene Robinson, Fairborn
 Will Burgess Rodemann, Jr., Minneapolis, MN
 Marianne Lynn Rubadue, Columbus
 Miles Blaine Rudder, North Olmsted
 John Gene Rudolph, Cleveland
 John Charles Russell, Logan
 Colleen Anne Ryan, Columbus
 Michael Robert Sayer, Newark
 Loreen C. Sandura, Greenlawn, NY
 Mark Alan Schmedebusch, Ottawa
 Joseph Raymond Schodorf, Columbus
 Kurt Schwarz, North Ridgeville
 Charles Steven Shaffer, Xenia

† Also Bachelor of Science, College of Education

Alex George Shaheen, Canton
 Bernard Steven Sharfman, Toledo
 Michael Joseph Shea, Columbus
 Mark C. Shepherd, Mansfield
 Philip A. Shirk, Columbus
 Walter William Shuler, Columbus
 Jeffrey David Slesnick, Canton
 Harold Edward Slocum, Worthington
 David William Snyder, Somerset
 Jodelle Anita Soon, Columbus
 Pamela Mary Spitzig, Fairfield
 Alan Michael Stahura, Boardman
 Daniel Richard Steiger, Solon
 Joseph David Stiles, Columbus
 William Edwin Stone, South Euclid
 David Marshall Suttle, Glendale, MO
 Rowena Sui-Fan Tam, Hong Kong
 Thomas Michael Tedeschi, Cincinnati
 Patricia Lynn Thompson, Worthington
 Gregory Eldridge Tilton, Columbus
 Nancy J. Trimmer, Steubenville
 Linda Marie Turczyk, Parma
 Jeri Ann Tyrrell, Worthington
 Howard William Van Atta, Newark
 Richard Bennett Van Iderstyne, Columbus
 Mary Jo Vilardo, Columbus
 Robert Stephens Vogt, Berea
 Jeffrey Louis Warner, Cincinnati
 Herbert H. Weaver, II, Leetonia
 Thomas Francis Weber, Defiance
 Dwight Eldon Wolfe, Columbus
 Doran Michael Young, Columbus
 Susane Louise Zambon, Dillonvale
 Irene Zohouri, Tehran, Iran

Bachelor of Science in Labor and Human Resources

Cynthia Anne Beany, Wintersville
 Amy Elizabeth Curtiss, Circleville
 Jacqueline Lea Mercier, Worthington
 Mark Alan Shores, Dover

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

Cynthia Ruth Adamson, Tallmadge
 Daniel Theodore A'Hearn, Cincinnati
 John Michael Allgeier, Cincinnati
 Constance Joan Anderholm, Columbus
 Kenneth Tim Andrews, Columbus
 Larry Eugene Avey, Jeffersonville
 Amy Marie Bailey, Xenia
 Bruce Edwin Bailey, Rootstown
 Thomas James Barrett, Youngstown
 Bradley Bryan Beck, Mount Blanchard
 Barbara A. Bischoff, Plain City
 William Paul Boerger, Marysville
 Anthony James Cohen, Ft. Loramie
 Cynthia Ann Brown, Horseheads, NY
 Mark Allen Brown, Columbus
 Scott Sayers Brown, Columbus
 David Mark Browning, Columbus
 Jacquelyn Sue Caplinger, Chillicothe
 Paula Elaine Carlin, Kettering
 Lawrence Allen Cohen, Cleveland
 Kevin Curtis Conger, North Fairfield
 Jeffrey Mark Cormany, Columbus
 Susen Elaine Cydrus, Chillicothe
 Robert Wesley Davis, Uniontown
 Brian Michael Decker, Columbus
 Frank Edward Dengg, Ramsey, NJ
 Robin Lynn Dishong, Athens

Gregory Richard Dolan, Hempstead, NY
 Robert Stephen Evans, Bidwell
 Joanne Fassbender, Columbus
 Rachel Ann Fenstermaker, Williamsport
 Donald Paul Fisher, Fostoria
 Michael L. Flood, Salem
 Jon Eric Foell, Dayton
 James Lewis Foreman, Jr., Columbus
 Donald Keith Fraill, Lima
 Ronda Lynn Garrett, Coshocton
 Mark Douglas Gibson, Rockville, MD
 Daryl Thomas Gillette, Newark
 William Benjamin Goodson, Johnstown
 Thomas Jeffrey Greer, Canal Winchester
 Dennis Paul Greive, Medina
 David Ward Grim, Tipp City
 John Charles Guttadore, Columbus
 Mary Ann Hansen, Osgood, IN
 Patricia Helen Hardy, Cincinnati
 William Clarence Harris, Youngstown
 Nancy Lynn Hayes, Akron
 Lynn Ann Henry, Erie, PA
 Elizabeth Ann Hill, Westerville
 Michael Edward Hopkins, Fairborn
 Susie Jane Johnston, Felicity
 Steven Monroe Jolliff, Richmond
 Michael Edward Keiter, Wilmington
 Gregory Paul Krug, Ashland
 Ruth Louise Koch, Wooster
 John Jacob Krantz, Getzville, NY
 Gary Wayne Lantz, Urbana
 Douglas Allen Lawver, Columbus
 Patricia Gayle Leksan, Norton
 Patricia Lentz, Raymond
 Karen Jean Loudermill, Canal Winchester
 Joel Paul Loufman, Cleveland
 Fred Lee Lumeyer, Stow
 Perry Douglas Manack, Columbus
 Ray Norlan McCampbell, Camden
 Shawn Harry McClellan, Warren
 Kim Leslie Meder, Avon
 James Gerard Mencl, New London
 Jeffrey Andrew Meyer, Cincinnati
 Jeffrey Arthur Miller, Northfield
 Susan Claire Milligan, Littleton, NJ
 Deborah Lee Mills, Cincinnati
 Rebecca Jean Mitchell, Athens, AL
 Gregory Wade Myers, Columbus
 Michael Thomas Newsome, Piqua
 Randall John Nissen, Elmore
 Ronald E. Oechslin, Columbus
 Rebecca Ann Oehler, Woodsfield
 Rory John Pankhurst, Fostoria
 George Eli Phillips, Seville
 Alice Rose Piwowarczyk, Springville, NY
 Deidre Alain Poling, Circleville
 Larry Randall Polter, Clyde
 Martin Henry Potnick, Bridgeport
 Steven Michael Powell, Deshler
 Steven Purcell, Loudonville
 Brett Loyal Rice, Wellsville
 Patrick Michael Rooin, Bluffton
 Carolyn Jane Rudell, Chillicothe
 Robert Edmund Saralegui, Xenia
 Bruce M. Schmidt, Worthington
 Daniel Edwin Simmons, Jr., Rogers
 Thomas Ray Storer, Sabina
 Leigh Ann Thomas, Columbus
 Jean Marie Volk, Cincinnati
 Jeffrey Allen Weld, Steubenville
 James Craig White, Akron
 Michael Joseph Willman, Attica
 Catherine Marie Wilson, Painesville
 Jack Richard Winkler, Rittman
 Charles Ray Wiseman, Columbus
 Charles L. Witt, Brunswick
 Thomas Charles Zwick, Summerfield

Bachelor of Science in Food Science
 Wendell Richard Cook, Waynesville
 Robert Lewis Fisher, Jr., Zanesville
 Elizabeth Hary Heckler, Cincinnati
 Mark Alan Hoagland, Chillicothe
 Steven Alan Kah, Wapakoneta

Bachelor of Science in Food Technology

Steven Frederick Lammers, Ottawa
 Dianne Tackett Meade, Dublin
 Ray Edgar Shaulis, Somerset, PA
 Michael James Sullivan, Columbus

School of Home Economics

Bachelor of Science in Home Economics

Tovie L. Adams, Columbus
 Hlane Lynn Applegate, New Bremen
 Barbara Dietz Bailey, Coshocton
 Michele M. Berls, Columbus
 Carol Beth Bohlmann, Columbus
 Susan Teresa Bush, Wilmington
 Julia R. Courtney, Ravenna
 Terry Lynn Dandria, Columbus
 Rhonda A. Dandridge, Cleveland
 Ronald John Brian Dubena, Elyria
 Shelley Samuels Duran, Columbus
 Sue Ann Gaston, Columbus
 Janice Marie Geswein, Ironton
 Sandra Kay Glowacki, Columbus
 Mary Beth Hunter, Columbus
 Elizabeth Mary Johnson, Logan
 Susan L. Kyvik, Columbus
 Sharon Kay Lapp, Coshocton
 Sheila Ann Lyons, Columbus
 Marietta Jo Marvin, Findlay
 Katerina Irene Maynard, Columbus
 April R. McCloud, Zanesville
 Suzanne Leinheuser McCoy, Columbus
 Molly Beth Monahan, Springfield
 Kathleen Margaret Murphy, Columbus
 Linda Sue Peet, Blacklick
 Lynette Ann Peel, Blacklick
 Deborah Ellen Resler, Newark, DE
 Helen Morgenstern Saxe, Macksburg
 Judith Ann Schabel, North Olmsted
 Karen Beth Shagrin, Beachwood
 Jane Hawk Smith, Celina
 Linda Sue Smith, Columbus
 Linda Marie Stearns, Bellefontaine
 Constance Lucille Vance, Dayton

School of Natural Resources

Bachelor of Science in Natural Resources

Duane Ardan Bailey, Whitehall
 Joseph R. Baughman, Sandusky
 Loretta Jean Bayer, Dayton
 David Lawrence Beckel, Sharpsville, PA
 Bruce James Bennett, East Liverpool
 George Mark Blanchfield, North Royalton
 Patrick Andrew Boryca, Piqua
 David Edward Bourne, Columbus
 James Raymond Brady, North Olmsted
 Janis Lee Briggs, Columbus
 James Arnold Cummings, Columbus
 Erin Frances Bonneau, Columbus
 Dawn Ford, Dublin
 Bradford Hardie Gay, III, Fairborn
 Vicki Jean Gregonis, Cincinnati
 Michael Scott Hanback, Sidney
 Charles Louis Holbrook, Columbus
 Peggy L. Holwick, Canton
 Marc David Iman, Columbus
 Josephine Jane Kaldor, Bellaire
 Denise Yvonne Knight, Cleveland
 Richard Carl Krohn, Columbus
 David James Lanzillotta, Galion
 James Lapp, Fairview Park

† Also Master of Science, Graduate School

Jeffrey Allen Latta, Chesterland
 Jean Marie Locigno, South Euclid
 Mark Harry Luers, Columbus
 Philip William Marquette, Medina
 Douglas James Maloney, Hickory, NC
 Michael Shane McDonough, College Corner
 Kenneth Eugene Peterson, Forest Park
 Carol Ann Phillips, Granville
 Mary Stella Pilarski, Columbus
 Neil Phillip Preston, Tipp City
 Stephen Vincent Quinlan, South Euclid
 Ian Alexander Rennick, Columbus
 Mary Beth Roach, Enon
 Mark Edward Rogers, Ostrander
 Bradley Wayne Sallwasser, Cincinnati
 Jeffrey Donald Shook, Dover
 David Jay Smith, Lima
 Judith Ann Stevens, Mansfield
 Peter James Sturdevant, Cincinnati
 Jeffrey Stuart Ward, Milan
 Franklin Robert Weintraub, South Euclid
 Ralph Marcus White, Xenia

Agricultural Technical Institute-**Wooster**

Associate in Applied Sciences

Robin Lynn Arter, Mansfield
 Edmond Jay Basinger, Columbus Grove
 Linda Diane Butler, Mansfield
 Paul Howard Cameron, Wellsville
 Susan Joan Carson, Wooster
 Greg Alan Caudill, Lexington
 James Alan Clem, Springfield
 Gayle Margueritte Cooley, Ravenna
 Michael Alan Concoran, Chillicothe
 David Keith Cunningham, Waterford
 Larry Frank Fenderson, Cleveland
 Glenn Russell Gast, Castalia
 Christopher Robin Gibbs, Sidney
 Mary Elizabeth Hritz, Geneva
 Dennis Eugene Juersvich, Clinton
 Denise Shaw Kolby, Wooster
 Wesley David Kolby, Wooster
 Steven Arthur Leuzinger, Wooster
 Nathaniel Collins Mann, Nashville, TN
 Marty Jane Marlowe, Dover
 Jonathan Larry Mate, East Orwell
 Dorinda Lea McGinnis, Mansfield
 Douglas Creighton Miller, Mt. Vernon
 Geno Lawrence Morelli, Winterville
 Lynn Edward Orr, Apple Creek
 Gonzalo Pizarro, Santiago, Chile,
 South America
 Deborah Ann Schajatovic, Canfield
 Keith Allen Schaurer, Iqpa
 Scott Lee Shroyfefe, Xenia
 Clark W. Sheets, Jr., Circleville
 Robert Paul Sierzputowski,
 Hickory Hills, IL
 Sally Ann Slenker, Bay Village
 James Edward Smith, Cardington
 Kenneth Gregory Smith, Millersburg
 Linda Jean Starkey, Shreve
 Joy Aileen Strine, Loudonville
 Robert Wayne Walters, Kanakake, IL
 James Robert Yeazel, Eaton

College of Education

Dean: Frederick R. Cypheit

Bachelor of Science in Education

Edward Adams, Jr., Columbus
 Diane Elizabeth Albert, Forest

Sue Fullerton Allison, East Palestine
 Deborah Fiedler Apraku, Columbus
 A.B. (University of Illinois)
 Rae Jean Ravellette Armstrong,
 Circleville
 William Dale Artrip, Belmont
 Alan Blaine Ashworth, Dayton
 Deborah Ann Bailey, Manchester
 Jane Moening Bailey, Lima
 Mark Anthony Barr, Columbus
 Rhonda McDowell Beam, Winchester
 Brenda Kay Rucker Belville, Delaware
 Deborah Lynn Bernard, Columbus
 Roberta Mary Beth, Columbus
 Susan Marie Bianchi, Delaware
 Amy Louise Bogard, Leipsic
 Kathy Sue Boger, Mansfield
 Margaret Paulina Bonomini, Crestline
 Richard Chow Brenneman, Cardington
 Suzanne Marie Briggs, Columbus
 Buckner Allen Burbage, Columbus
 Diane Lewis Burbage, Columbus
 *Lue Black Burrage, Mansfield
 Penny Lou Burson, Columbus
 Danny Wayne Busch, Delaware
 Lynn Butts, Woodbridge, IL
 Voncille Jeanette Byrd, Akron
 Shirley Ann Cain, Columbus
 Timothy Christopher Carver, Columbus
 Charles Norman Chalk, Obetz
 Cindy Cheely, Columbus
 Linda Sue Cooper, Columbus
 Bambi Susan Couch, New Washington
 Jada Lynn Counts, Delaware
 Ronda Sue Creswell, Mt. Gilead
 Maureen Ann Criswell, New Bloomington
 Susan Kay Culbertson, Westerville
 James Robert Cummings, Tiffin
 Debra Ann Dick, Columbus
 Susan Ann Dominy, Mentor
 Elizabeth Lynn Durbin, Kettering
 James Louis Duzan, Canton
 Jana L. Edwards, Sunbury
 Cynthia Lee Engberg, Columbus
 *Teresa Denise Evans, Grove City
 Douglas Brent Ewart, Columbus
 Thomas Dollison Ewing, Worthington
 B.A.
 Daniel James Finn, Canton
 Reba Grindell Fisher, Columbus
 Keith Dion Frazier, Columbus
 David Rex Gambrel, Hicksville
 Richard Leon Garrison, Columbus
 Thomas James Gerhard, Columbus
 Scott James Gray, Columbus
 Alice Jean Greenwald, Tiffin
 Gloria Ann Grochoki, Lorain
 *Brenda Renate Haus, Worthington
 Julie Lynn Hammersmith, Huron
 Virginia Eldridge Harmon, Columbus
 Barbara Ann Helakamp, Delphos
 Kathy Louise Hornak, Bucyrus
 Millie Fitch Hughes, Lima
 Jane Beatrice Johnsen, Lebanon
 B.A. (Wittenberg University)
 Reginald Ray Johnson, Columbus
 Susan Marie Karaffa, Toronto
 Craig Melvin Kelleff, New Albany
 Loretta Lynne Kelley, Columbus
 Kristina Laurie Kern, Olmsted
 Teresa McGraner Koon, Athens
 William David Kulju, Columbus
 William James Kurelic, Jr., Columbus
 James Alan Lee, Columbus
 Elaine Kay Leffer, Marion
 Todd Rex Line, Waynesfield
 Valerie Lynn Liston, Mansfield
 Lawrence John Logsdon, Alvada
 Margaretha S. Lucas, Lima
 James Roland Lyons, East Liverpool
 Karen Ann MacIoe, Columbus
 Ann Marie Martin, Columbus
 Debra Sue Marts, Middletown
 Carolyn Maxwell, Dayton
 Elizabeth Ann McConnell, Cincinnati
 Diana Lynne McVey, Whitehall
 Doris Jean Meinerding, St. Marys
 William Lord Merrill, Columbus
 James Marion Miller, Delphos

Cheryl Jean Morrison, Rittman
 Bonniejean Kay Mossman, Columbus
 Heather Elizabeth Mowry, Ashland
 James Patrick Mullaly, Youngstown
 Karen Lynn Oster, Toledo
 Jill Hileman Patterson, Newark
 Steven James Persinger, LaRue
 William Christopher Phillips, Columbus
 Steven Lynn Poling, Somerset
 Douglas Robert Quay, Belle Center
 Bessann Ringler, Savannah
 Michael James Roberts, Zanesville
 Peter Rumore, Jr., Garden City, NY
 Linda Sue Russell, Centerburg
 Steven Pierre Ryuse, Mt. Vernon
 Carol Wenninger Sandberg, Columbus
 Vickie Lee Schmarz, Columbus
 B.A.
 Susan C. Schottenstein, Columbus
 Mary Beth Showen, Cuyahoga Falls
 Paul Monk Sielschott, Grove City
 Kimberly Dawn Smallridge, Grove City
 Jacquelyn Sue Smith, Marion
 Kerry Joseph Smith, Dayton
 Patricia Jane Spiker, Columbus
 B.A.
 Suzanne Nadine Stachiw, Columbus
 Thomas Patrick Stage, Grove City
 Terry Lee Sullivan, St. Marys
 Karen Rose Szabo, St. Marys
 Deborah Sue Taylor, Dayton
 LaBarbara Taylor, Akron
 *Donna Kane VanHoose, Reynoldsburg
 B.F.A.
 Michael Edward Wagner, Columbus
 Miriam Bateman Wagner, Columbus
 Angela Lynnette Wall, Columbus
 Mary Elizabeth Walsh, Springfield
 Keith Allen Weber, Forest
 Leah Ratsermann Wente, New Bremen
 William Joe Wheeler, Wapakoneta
 Susan Claudia White, Columbus
 B.A. (Miami University)
 Brent Lee Winand, Fredericktown
 Belinda Kay Wolfe, Newark
 David Alan Wrassmann, Cincinnati
 Linda Jane Wrassmann, Cincinnati
 Gillian Scanlan Yawarsky, Columbus
 Richard Glenn Zeiger, Beachwood
 Sherry Lee Zimmerman, Cincinnati

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

Brook Waite Beall, Columbus
 Kevin Patrick Dearden, Euclid

Bachelor of Science in Agricultural Engineering

Howard Wayne Hale, Galena
 James Everett Jones, Frankfort
 Charles John Olosky, Euclid

1 To be awarded posthumously

2 Also Bachelor of Arts, College of the Arts and Sciences

3 Also Bachelor of Science, College of the Arts and Sciences

Bachelor of Science in Ceramic Engineering

Richard Dennis Back, Columbus
Jan Harlan Dennison, Columbus
Sedigheh Pari Jannati, Tehran, Iran
Valerie Jean Lammers, Dover
Ronald Dean Schaar, Lancaster

Bachelor of Science in Chemical Engineering

Donald Thomas Hooker, II, Cincinnati
Stacey Lee Howard, Jr., Columbus
Dean Joseph Kerekes, Amherst
David Joseph Wasela, Lorain
Thomas Eugene Wood, Columbus

Civil Engineer

Abubakar Chered, Kalimantan Timur,
Indonesia
Iqbal A. Sajanlal, Hyderabad, India

Bachelor of Science in Civil Engineering

Kazem Masoud Alavi, Tehran, Iran
John Francis Arensberg, Columbus
Gary Holmes Baker, Bowling Green
Jeffrey Wayne Belton, Columbus
Thomas Howard Benner, Columbus
Christine Ann Burgess, Mt. Vernon
Jeffrey Stephen Butt, New Carlisle
Raymond James Clouse, Columbus
Andrew Jerome de Verteuil, Columbus
Anthony M. Iacovetta, Columbus
David Wayne Jones, Trotwood
Alfred Mikolas, Jr., Curtice
Ali Nassirzadeh, Tehran, Iran
Ted James Poulson, Columbus
Ronald L. Schultz, Worthington
Alan Charles Shermier, Athens
Earl Coleman Sutherland, III, Fairborn

Bachelor of Science in Computer and Information Science

Ernest Benton Bradley, Worthington
Daniel Thomas Sivinski, Columbus
Jeffrey Patrick Stets, Niles
Denise Kay Wade, East Longmeadows, MA
Keith Alan Weber, Lima

Electrical Engineer

John K. Skotko, Xenia

Bachelor of Science in Electrical Engineering

Philip Keith Behrendt, Columbus
William Mark Beyer, North Olmsted
Paul Vincent Brown, Fredericksburg
Stephen Williams Cook, Columbus
Jeffrey Allen Fleeman, Columbus
Michael Allen Jameson, Lima
Simin Shirvanian Jilek, Columbus
Brian Joseph Kay, Parma Heights
Richard Charles Knepfle, Newtown
James Donald Miller, Westerville
Ronald Keith Miller, North Olmsted
Lynell Darlene Ratz, Milwaukee, WI
Ronald Charles Roush, Westerville
Steven Michael Scholl, Columbus

Bachelor of Science in Industrial and Systems Engineering

Gohayath Bizri, Beirut, Lebanon
Joanne Campolito, Canfield
Sharon Ann Evans, Columbus
Robert Lee Foy, Columbus
John C. Hill, Urbana
Nedim Kalpaklioglu, Ankara, Turkey
Charles Edward Kletrovets, Jr., Columbus
Robert Eugene Lahmers, Cambridge
Carita Ann Mantor, Pataskala
James Joseph Miller, Pickerington

Bachelor of Science in Mechanical Engineering

Byron Thomas Amerine, Jr., Rushsylvania
James Kenneth Bass, Roslyn, NY
Keith Richard Colvin, Waynesburg
Dale Bradley Elliott, Columbus
Donald Franklin Fisher, Springfield
Mary Kay Caridis Fishinger, Columbus
Patricia Ann Fountain, Middletown
Mark H. Fraker, Delta
Mark Steven Hallam, Austintown
Thomas Keith Hartnagel, Orrville
Brenda Gayle Hobbs, Cincinnati
Kevin Michael Kelley, Dayton
Kenneth James Korane, Bedford
Maurice James LaForrest, Findlay
Robert Christopher Lotz, Springfield
James Dale McCall, Springboro
Vera Tode Milenkovski, Columbus
Hamid Noorbakhsh-Damavandi,
Tehran, Iran
Thomas Alan Pettenski, Columbus
Jean-Claude Roynier,
Rio de Janeiro, Brazil
Donald Blaine Thornton, Columbus
David Brian Wallace, Gahanna
David L. Wetland, Oregon

Bachelor of Science in Metallurgical Engineering

Kevin Elliott Johnston, Columbus
Brian Elliot Mackender, Shadyside

Bachelor of Science in Surveying

John Francis Arensberg, Columbus

Bachelor of Science in Welding Engineering

Stephen Kay Handwerk, Utica
Kevin Elliott Johnston, Columbus
Dragan Laskovski, Columbus
Robert Leonard Prince, Norwalk
Clayton Lawrence Taylor, Reading

Bachelor of Science in Architecture

Michael David Crowe, Mentor
George Mitchell Kane, Jr., Columbus
David Allen Reppert, Shillington, PA
Michael Harry Scott, Rossford
Robert Lewis Shook, Gambier
Kent V. Thompson, New Lexington

Bachelor of Science in Landscape Architecture

Howard Benjamin Rapport, Akron
Stephen William Volkmann, Canton
David Charles Whited, Columbus

College of Medicine

Dean: Henry G. Cramblett, M.D.

Doctor of Medicine

Christopher Robert Edward Lee Dixon,
Columbus
B.S. (Howard University)

W. L. Gregory Siefert, Columbus
B.A. (Miami University)

David Lee Ward, Columbus
B.A. (Otterbein College)

William Douglas Weaver, North Olmsted
B.S.

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Leon Joseph Camerlengo, Steubenville
Constance Margaret Dennis, Stow
Deborah Lynn Frankenberg, Columbus
Terrance Allen George, Parma
Gloria Manette Mitten, Chillicothe

Certificate of Nurse Anesthetist

Cynthia Lou Bender, Portsmouth
A.A.S. Nursing (Ohio University)
Marsha Elaine Bradley, Columbus
R.N. (St. Vincent's Hospital School
of Nursing, Jacksonville, Fla.)
Billie Jean Dingess, Portsmouth
A.D.N. (Shawnee State University)
Diane Whiteside Estes, Dayton
A.A.S. Nursing (Sinclair Community
College)

Barbara Jo Stinard, Columbus
R.N. (Riverside School of Nursing)
Ellen Moats Turner, Columbus
B.S.
Patricia Sue White, Thornville
R.N. (Mt. Carmel School of Nursing)

Certificate of Post Baccalaureate Circulation Technologist

Howard Adam Black, Akron
B.S.
Gregory Hall Landis, Columbus
B.A. (Otterbein College)

School of Nursing

Bachelor of Science in Nursing

Catherine Agnes Bellman, Ottawa
Karen Louise Chisholm, Pittsburgh, PA
Clyde Carson Daves, Jr., Charlotte, NC
Ann Wood Fowler, Belleaire
Chester Lawrence Friday, Jr., Columbus
Suzanne Renee Gabbard, Columbus
Victoria Lynn Giles, Lancaster
Sue Ann Hendricksen, Columbus
Marcie Jean Lombardo, Akron

¹ Also Bachelor of Science in Surveying,
College of Engineering

² Also Bachelor of Science in Welding Engineering

³ Also Bachelor of Science in Civil Engineering

⁴ Also Bachelor of Science in Metallurgical
Engineering

Diana Jo Louks, Columbus
R.N.
Cheryl Ann McCarty, Eaton
Cordia Antoinette Mackey, Columbus
Pamela Magden, South Euclid
Jany Michele Miller, East Palestine
Mary Ann Minken, Conneaut
Janet Louise Ryan, Columbus
Mary Ann Salvatore, Akron
Judy Simms, Columbus
R.N.
Susan Ann Voges, Cincinnati
Wendy Elizabeth Weigel, North Canton

College of Pharmacy

Dean: Albert H. Soloway

Bachelor of Science in Pharmacy

Donnie Eugene Bixler, Goshen
B.S.
Bruce Gene Briggs, Hudson
Robert Jay Browning, Cortland
Steven Ray Goebel, Reedsville
Rosemary Hartig, Grove City
Beth Ann Hohman, Kent
Barry Allan Levin, Akron
William Earl Lloyd, Bowerston
James Bernard Mahoney, New Springfield
Jeffrey James Mikolay, Struthers
Walt Edward Myers, Akron
Hershel Ellsworth Neff, Jr., Rittman
Bridget Marie O'Brien, Grove City
Stanley Shaw Scarbrough, Findlay
B.S. (Findlay College)
Jean Marie Schulze, Cincinnati
Susan Miguel Snodgrass, Cadiz
James David Weaver, Westerville
Theresa Marie Zachel, Toledo

College of Social Work

Dean: Robert O. Washington

Bachelor of Science in Social Welfare

Gina Marie Fabiano, Canton

Graduates with Honors

Summa Cum Laude

Laurie Beringer-Yek, Columbus
Barbara Lynn Camens, Youngstown
Clyde Carson Daves, Jr., Charlotte, N. C.
Alice Jean Greenwald, Tiffin
Mary Ann Hansen, Osgood, Ind.
Ronald Larry Huelskamp, Versailles
Margaretha S. Lucas, Lima
Doris Jean Meinerding, St. Marys
Rebecca Lynne Madigan, Zanesville
John Robert Oller, Youngstown
Kim Joseph Risner, Tiffin

Cum Laude

Rae Jean Armstrong, Circleville
Amy Marie Bailey, Xenia
Rhonda McDowell Beam, Winchester
Brenda Kay Rucker Belville, Delaware

Charles Richard Bland, Columbus
Anthony James Bornhorst, Ft. Loramie
Jeannalce Margaret Brickman, Delphos
Robert Jay Browning, Courtland
Leon Joseph Camelengo, Columbus
Michael Francis Coady, Columbus
Lawrence Allen Cohen, Cleveland
Colleen Elizabeth Cook, Marietta
Amy Elizabeth Curtiss, Circleville
Arthur Steven Ditty, Grove City
Heide Ilse Fabiano, Columbus
James Richard Flath, Shelby
Sara Jo Foster, Sylvania
Michael David Frison, Columbus
Richard Leon Garrison, Columbus
Carol Ann Gearig, Holland
Christopher Robin Gibbs, Sidney
Victoria Lynn Giles, Lancaster
Newton Robert Grillo, Jackson
Robert Lee Hageman, Kettering
Ronald Joseph Harkins, Worthington
John Sutton Hire, Mansfield
Stephen E. Houck, Kettering
Mary Elizabeth Hritz, Geneva
Millie Fitch Hughes, Lima
Pamela Sharon Kagay, Centerville
Loretta Lynne Kelley, Columbus
Julie Ann Kime, Rittman
Richard Carl Krohn, Columbus
William James Kurelic, Jr., Columbus
Valerie Jean Lammers, Dover
Suzanne Marie Lishka, Columbus
Charles Murray Little, Columbus
Laurie Blough Miller, Columbus
Deborah Lee Mills, Cincinnati
Ronald E. Oechlin, Columbus
Judy L. Oprandi, Alliance
Alice Rose Piotrowarczyk, Springfield, N. Y.
Steven Lynn Poling, Somerset
Steven Michael Powell, Desler
Lawrence Steven Press, Columbus
Steven Purcell, Loudonville
Suzanne Ellen Russ, Louisville, Ky.
Bruce M. Schmidt, Worthington
Bernard Steven Sharfman, Toledo
Robin Joann Shaw, Carbondale, Colo.
Alan Charles Shermer, Athens
Joanne Marie Shoemaker, Columbus
David Jay Smith, Lima
Linda Jean Starkey, Shreve
Judith Ann Stevens, Mansfield
William Edwin Stone, S. Euclid
Mark John Summers, Newark
Mark Alan Tracey, Wooster
Susan Ann Voges, Cincinnati
Ray Stanton Wheasler, Columbus
James Robert Yeazel, Eaton

Summa cum laude with distinction in Agronomy

Patricia Lentz, Marysville

Summa cum laude with distinction in Plant Pathology

Mary Ann Hansen, Osgood, Ind.

Summa cum laude with distinction in Resource Development

Kenneth Eugene Peterson, Forest Park

Cum laude with distinction in Animal Science

Robin Dishong, Columbus

Cum laude with distinction in Fisheries Management

Douglas James Maloney, Columbus

Cum laude with distinction in Food Science

Elizabeth Mary Heckler, Cincinnati

Cum laude with distinction in Resource Development

Stephen Vincent Quinlan, South Euclid

Cum laude with distinction in Zoology

Sanford Z. Melmed, Columbus

Cum laude with honors in Liberal Arts

Diane Esta Williams, Canton

With distinction in Forest Biology

Jeffrey Stuart Ward, Milan

With distinction in Psychology

Christine Berka, York, Pa.

With honors in Liberal Arts

Sandra Elizabeth Bell, West Chester

Deborah Levine, Columbus

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND FORTY-SIXTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, April 6, 1979

The Board of Trustees met at its regular monthly meeting on Friday, April 6, 1979, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Howard D. Sirak, Chairman, Patricia D. James, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens and Leonard J. Immke.

* * *

Minutes of the last meeting were approved.

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April 6, 1979 meeting, Board of Trustees

The Chairman, Dr. Sirak, called the meeting of the Board of Trustees to order at 9:30 a.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering personnel matters and collective negotiation issues.

Present: Howard D. Sirak, Chairman, Patricia D. James, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens, and Daniel M. Galbreath.

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The meeting of the Board of Trustees reconvened at 11:15 a.m.

RESOLUTIONS IN MEMORIAM

Resolution No. 79-108

Synopsis: Resolutions honoring the service of four of this University's faculty members and a former member of the Board of Trustees 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.

Upon motion of Dr. Jacob, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Floyd S. DeLashmutt

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 11, 1979 of Floyd S. DeLashmutt, Professor Emeritus, Cooperative Extension Service.

Professor DeLashmutt was born August 18, 1889, in Columbus, Ohio. He graduated from Grove City High School in 1909 and graduated from The Ohio State University with a Bachelor of Science degree in 1916.

Professor DeLashmutt served as the first County Extension Agent in Athens County from July 1, 1917 to March 29, 1920. On March 8, 1921, he was appointed County Agricultural Agent for Ottawa County, Ohio and remained there until June 30, 1924, when he resigned to accept a field managership with the Ohio Farm Bureau Federation.

Professor DeLashmutt returned to Extension employment January 1, 1934 as County Agricultural Agent in Richland County and on December 1, 1934 transferred to the position of Specialist, Farm Management in the Department of Rural Economics. In his service as a Farm Management Specialist he was respected as an agricultural leader by his county agent constituents and by his peers in Extension education.

Professor DeLashmutt was dedicated to his family, community and profession. He will be remembered for outstanding contributions in representing The Ohio State University through the Ohio Cooperative Extension Service for the people of Ohio.

April 6, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Floyd S. DeLashmutt (contd)

On behalf of the University community, the Board of Trustees expresses to the family its deep 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 the family, the University and his many friends have sustained.

D. Luther Evans

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 12, 1979, of D. Luther Evans, Professor Emeritus in the Department of Philosophy.

Dr. Evans graduated from The Ohio State University where he received his B.A. degree in 1917, M.A. degree in 1920, and Ph.D. degree in 1923. Hobart College awarded him a D.H.L. degree in 1945.

A productive scholar in his field, Professor Evans retired in 1965 from active teaching in Ohio State's Department of Philosophy which he joined in 1922. After teaching at Ohio Wesleyan (1925-28) and at the College of Wooster (1928-38), where he was Compton Professor, Philosophy Department Head, and Dean of Men, Dr. Evans returned to Ohio State to serve as Professor and, from 1938-43, as Junior Dean of the College of Arts and Sciences.

Dr. Evans was coauthor of several books, including *Fundamentals of Philosophy* and *Logic: Theoretical and Applied* and others. He wrote *New Realism and Old Reality*, 1928, *Essentials of a Liberal Education*, 1942, and *A Free Man's Worship*, 1949. He likewise wrote numerous articles, book chapters, and reviews for both the professional and popular audience.

From 1943-45, Dr. Evans served as Commanding Officer of a United States Naval V-12 Unit at Hobart and William Smith Colleges. At various times he also accepted visiting professorships at Lafayette College, Boston University, University of Wisconsin, Wittenberg University, and Capital University.

Beyond his service to Ohio State and its students as teacher, advisor, administrator, and member of manifold university councils and committees, Dr. Evans served as secretary to Governor Lausche's Committee on Higher Education in 1946. He was, moreover, unstinting in his service to various philosophical associations, charitable organizations, and state and national committees of the Presbyterian church.

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

April 6, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

William Hollis Ewing

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 5, 1979, of William Hollis Ewing, Associate Professor Emeritus in the Department of Communication.

Dr. Ewing received his B.A. from Rio Grande College in 1922, his M.A. from Northwestern University in 1929, and his Ph.D. from The Ohio State University in 1942.

An authority on the mass media, Professor Ewing retired in July, 1973. He joined the faculty at Ohio State in 1942, and then served as Program Director and Associate Director of WOSU (1944-1958) and as Associate Director of the Telecommunications Center (1959-1973).

Dr. Ewing was the author of several studies on voice improvement and teaching methods. But his greatest contributions were in the area of broadcasting. Both at WHIZ in Zanesville and at WOSU, he produced numerous programs for high school, university and service groups.

During the 1965-1966 academic year, Dr. Ewing was appointed to a Fulbright Lectureship at the University of Glasgow. While there he became a devoted student of the poetry of Robert Burns.

Dr. Ewing was a member of the National Collegiate Players, the Speech Communication Association, Phi Delta Kappa, and the Radio and T.V. Executive Club.

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

Philip P. Poirier

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 28, 1979, of Philip P. Poirier, Professor in the Department of History.

Dr. Poirier graduated from Boston University with the A.B. degree in 1942, served in Europe with the United States Army, Counter Intelligence Corps during World War II, and graduated from Harvard University with the Ph.D. degree in 1953. He was associated with The Ohio State University's Department of History since 1952, rising from instructor to the rank of professor.

A noted authority on modern British history and politics, Professor Poirier was best known for his work on the British Labour Party. His book, *The Advent of the British Labour Party*,

April 6, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Philip P. Poirier (contd)

was awarded the Triennial Prize of the Conference on British Studies in 1961. His scholarly achievements were recognized by election to Phi Beta Kappa and by awards from the American Council of Learned Societies, the American Philosophical Society and the Guggenheim Foundation. Equally well known in Britain, he was elected a Fellow of the Royal Historical Society.

Professor Poirier was also a distinguished teacher of modern European history and particularly of modern British history. His lively and animated teaching stimulated several generations of Ohio State students.

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

Donald C. Power

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 11, 1979, of Donald C. Power.

Mr. Power was the former president, chief executive and director of the General Telephone and Electronics Corp., which under his leadership became one of the world's largest communications and electronics companies. He also had a long association with this University as student, faculty member and, from 1944-51, as a member of the Board of Trustees, serving as Board chairman in 1950-51.

A native of Paine Station in Washington County, Ohio, he held three degrees from Ohio State: the Bachelor of Science in Business Administration degree which he received in 1922, the Juris Doctor degree, 1926, and the Master of Science in Business Administration degree, 1929.

Mr. Power taught in the former College of Commerce and Administration at various times between 1922 and the early 1940's. He also was an assistant attorney general and counsel for the Public Utilities Commission of Ohio from 1933 to 1936, and in 1939 began a four-year term as secretary to Governor John W. Bricker.

In 1951 he left private law practice to become president and chief executive officer of General Telephone Corp. after serving as rate counsel for fifteen operating subsidiaries and director of the Ohio subsidiary. Eight years later the firm merged with Sylvania Electronics Products, Inc., to form General Telephone and Electronics Corp.

Mr. Power retired as GTE's chief executive officer in 1966, as chairman in 1971 and as director in 1972.

April 6, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Donald C. Power (contd)

The University's Board of Trustees conferred upon him its Distinguished Service Award in 1954, and he received both the Alumni Centennial Recognition Award and the Distinguished Alumni Award of the College of Law in 1970.

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

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AMENDMENT TO RULE 3335-3-03

Resolution No. 79-109

Synopsis: Amendment to rule 3335-3-03 is being proposed.

WHEREAS institutional tradition and courtesy frequently suggests the granting of honorary degrees; and

WHEREAS the President is limited to recommending two candidates for honorary degrees each year:

NOW THEREFORE

BE IT RESOLVED, That paragraph (C) of rule 3335-3-03 of the Administrative Code be amended to provide for four candidates per calendar year instead of the present two candidates, in accordance with the recommendation from the University Senate at the meeting held March 3, 1979.

3335-3-03 The president.

- (C) After consultation with the steering committee of the university senate, the president may recommend to the board of trustees candidates for honorary degrees. The number of candidates so recommended shall be limited to four per calendar year. This right and its limitation in no way abrogates the power of the university senate to recommend candidates for honorary degrees (rule 3335-5-41 of the Administrative Code).

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

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April 6, 1979 meeting, Board of Trustees

**ESTABLISHMENT OF OFFICE OF FINANCE AND PLANNING
AND REALIGNMENT OF ADMINISTRATIVE FUNCTIONS**

Resolution No. 79-110

Synopsis: Establishment of Office of Finance and Planning and realignment of administrative functions is being proposed.

WHEREAS the following changes in the central administrative structure and function alignment have been found to be desirable and would promote better administrative coordination:

NOW THEREFORE BE IT RESOLVED, That there shall be established an Office of Finance and Planning to be headed by a Vice President, and that the functions/duties currently assigned to the Executive Assistant to the President and Director of Budget and Resources Planning shall be incorporated in this new office.

BE IT FURTHER RESOLVED, That the following other specific realignments in function within central administrative offices be made concurrent with the above change:

1. That the Accounting, Inventory and Indirect Cost offices, including the University Controller, be assigned to the Office of the Vice President for Finance and Planning;
2. That the Office of Registration Services be assigned to the Office of Educational Services; and
3. That the responsibility for coordinating and overseeing environmental health and safety programs be assigned to the University Health Service through the Vice President for Student Services.

BE IT FURTHER RESOLVED, That the appropriate changes to the *Bylaws of the Board of Trustees* and the *Rules of the University Faculty*, as provided in the attached document, shall be made to effect the changes set forth above.

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

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BYLAWS

3335-1-03 Administration of the university.

- (A) The office of the president.
- (1) The office of the president shall consist of:
 - (a) The president,
 - (b) The special assistants to the president,
 - (c) The university ombudsman, and
 - (d) The affirmative action officer.
 - (2) The office of the president shall include such additional officers as the president, with the consent of the board, may from time to time appoint.
- (B) The president.
- (1) The president shall be the chief executive officer of the Ohio state university and shall be responsible for the entire administration of the university, subject to control of the board of trustees. He shall lead in fostering and promoting education and research as the primary aims of the university. It shall be his duty to enforce the bylaws, rules and regulations of the board of trustees, and, as a member of the faculty, he shall interpret to the board proposals and actions of the faculty. He is hereby clothed with the authority requisite to that end.
 - (2) Any authority or responsibility of the president may be delegated by him to another person in the office of the president or to any other member of the faculty or staff of the university. Delegation of major areas of authority or responsibility shall have the prior consent of the board of trustees.
 - (3) The president shall be a voting member of all college faculties, 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 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.
- (C) The president; duty to present matters to the board. All major appointments and all major questions of university policy, including the annual budget and matters involving expenditures of one thousand dollars or more, to be recommended by the president shall be presented (either completely or in summary form) by the president to each member of the board prior to the meeting at which the matter is to be considered by the board.
- (D) The president; relation to faculty and staff. Each member of the faculty shall be responsible to the chairman of his department or to the director of his school and through him to the dean and the president for the faithful and efficient performance of his duties. Every other member of the university staff shall be so responsible to his division head and through him (and when applicable) to his director and dean, and then to the president.

BYLAWS

(E) The president's staff.

- (1) The president's staff shall consist of the president, the provost, the vice president for business and administration, the vice president for student services, the vice president for health sciences, the vice president for regional campuses, the vice president for educational services, the vice president for public affairs, the vice president for personnel services, the vice president for finance and planning, and special assistants.
- (2) Each member of the president's staff shall have a major area of responsibility as assigned to him by the president with the consent of the board of trustees. He shall, subject to the control of the president, exercise authority within his major area of responsibility and such other areas as may be assigned to him by the president from time to time.
- (3) Assignment of specific areas of responsibility to members of the president's staff shall be made by the president with the approval of the board of trustees.

(F) Provost. The major area of responsibility and authority of the provost shall be that of all academic matters of the university including instructional, research, and faculty affairs. Without limiting the generality of the foregoing, the provost shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority to provide coordinated leadership for: the development and evaluation of curricular patterns and teaching methods; the development and appraisal of research with particular concern for interdisciplinary and multidisciplinary programs; the securing and administering of governmental, industrial and foundation support for academic programs; the coordination of research with instruction; and the selection, promotion, professional development, tenure, and compensation of the instructional and research personnel; through the office for the coordination of minority affairs and in cooperation with the other existing agencies of the university, the development and maintenance of supplemental programs for the recruitment, orientation, counseling, tutoring, and financial assistance for minority students and the search for necessary funds to support these programs; through the constituent academic divisions, the appraisal of the effectiveness of academic counseling and devising organization and procedures to improve its effectiveness; in cooperation with the vice president for educational services, the development of the university libraries and other learning resources; in cooperation with the vice president for regional campuses, the development of the four regional campuses of the university; the administrative coordination of the Ohio state university research foundation; and as a deputy of the president of the university, be responsible for the coordination of all matters administratively assigned to the other vice presidents of the university which relate to the academic program of the university.

(G) Secretary of the board of trustees. The major area of responsibility and authority of the secretary of the board of trustees shall be that of custodian of the official books and records of the board.

BYLAWS

- (H) Vice president for business and administration. The major area of responsibility and authority of the vice president for business and administration shall be that of the administration of the university operations. Without limiting the generality of the foregoing, the vice president for business and administration shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for: the conduct and evaluation of all business and administrative activities and procedures, including management improvement programs; internal auditing; contracts administration and food services administration; business management; the development, allocation, utilization, and maintenance of the physical facilities; traffic and parking; the administration of the office of public safety; university systems; the treasurer of the university; and the coordination of all matters administratively assigned to the other vice presidents which relate to the business and administrative areas of the university.

- (I) Vice president for student services. The major area of responsibility and authority of the vice president for student services shall be that of student services at the university. Without limiting the generality of the foregoing, the vice president for student services shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for: the promulgation of rules governing student conduct both on and off campus; the coordination of student extracurricular activities including all student (or student-connected) organizations; and the administration of all residence and dining hall facilities; nonacademic student discipline; the student health service including primary responsibility for university-wide environmental health and safety; university union facilities and programs; student athletic programs including intercollegiate athletics, recreation and intramural programs; counseling; student financial aids and scholarships; off-campus student housing; and international student programs.

- (K) Vice president for educational services. The major area of responsibility and authority of the vice president for educational services shall be that of the educational services of the university. Without limiting the generality of the foregoing, the vice president for educational services shall, under the direction of the president, through the appropriate coordinating deputy and with the approval of the board of trustees, be responsible and have the requisite authority for: the development and administration of policies and operating procedures for registration services including admissions, registration and records; university libraries, the telecommunications center and other learning resources; the development of instructional programs of the departments of air force aerospace studies, military science, and naval science; and the operation of the Fawcett center for tomorrow.

BYLAWS

- (L) Vice president for health sciences. The major area of responsibility and authority of the vice president for health sciences shall be that of the health sciences at the university. Without limiting the generality of the foregoing, the vice president for health sciences shall, under the direction of the president, and with the approval of the board of trustees, be responsible and have the requisite authority for the administration of: the colleges of dentistry, medicine, optometry, pharmacy, and veterinary medicine, and their clinics, schools, and hospitals, including such other supporting services and facilities as the health sciences library; laboratory research animal program; radiation safety; medical audio-visual and TV center; mental retardation center; cancer research center; center for continuing medical education; computer assisted instruction for community hospitals; agreements and cooperative arrangements with various regional and governmental hospitals. The vice president for health sciences will coordinate academic programs and appointments with the office of the provost and nonacademic budgets and personnel matters with the offices of the vice presidents for personnel services and finance and planning.

- (O) Vice president for finance and planning. The major area of responsibility and authority of the vice president for finance and planning shall be that of the administration of university finances, including planning and resource allocation. Without limiting the generality of the foregoing, the vice president for finance and planning shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for: formulation, review and monitoring of capital and current funds budgets; financial accounting, including the university controller; long-range resources analysis and planning, including cost implications of proposed programs; indirect cost analysis and recovery; equipment inventory; projections of enrollments and all factors bearing on future resource requirements and availabilities in the context of the mission and goals of the university.

Chapter 3335-3

RULES OF THE UNIVERSITY FACULTY
ADMINISTRATION

3335-3-01 Office of the president.*

- (A) The office of the president shall consist of:
- (1) The president,
 - (2) The special assistants to the president,
 - (3) The university ombudsman, and
 - (4) The affirmative action officer.
- (B) The office of the president shall include such additional officers as the president, with the consent of the board, may from time to time appoint. (B/T 10/5/73, B/T 4/6/79)

3335-3-05 President's staff.*

- (A) The president's staff shall consist of the president, the provost, the vice president for business and administration, the vice president for student services, the vice president for health sciences, the vice president for regional campuses, the vice president for educational services, the vice president for public affairs, the vice president for personnel services, the vice president for finance and planning, and special assistants.
- (B) Each member of the president's staff shall have a major area of responsibility as assigned to him by the president with the consent of the board of trustees. He shall, subject to the control of the president, exercise authority within his major area of responsibility and such other areas as may be assigned to him by the president from time to time.
- (C) Assignment of specific areas of responsibility to members of the president's staff shall be made by the president with the approval of the board of trustees. (B/T 10/5/73, B/T 4/6/79)

3335-3-06 Provost.*

- (A) The provost shall be the executive head of the office of academic affairs and is the chief academic officer of the university.
- (B) The major area of responsibility and authority of the provost shall be that of all academic matters of the university including instructional, research, and faculty

*Rule initiated by board of trustees.

RULES

affairs. Without limiting the generality of the foregoing, the provost shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority to provide coordinated leadership for: the development and evaluation of curricular patterns and teaching methods; the development and appraisal of research with particular concern for interdisciplinary and multidisciplinary programs; the securing and administering of governmental, industrial and foundation support for academic programs; the coordination of research with instruction; and the selection, promotion, professional development, tenure, and compensation of the instructional and research personnel; through the office for the coordination of minority affairs and in cooperation with the other existing agencies of the university, the development and maintenance of supplemental programs for the recruitment, orientation, counseling, tutoring, and financial assistance for minority students and the search for necessary funds to support these programs; through the constituent academic divisions, the appraisal of the effectiveness of academic counseling and devising organization and procedures to improve its effectiveness; in cooperation with the vice president for educational services, the development of the university libraries and other learning resources; in cooperation with the vice president for regional campuses, the development of the four regional campuses of the university; the administrative coordination of the Ohio state university research foundation; and as a deputy of the president of the university, be responsible for the coordination of all matters administratively assigned to the other vice presidents of the university which relate to the academic program of the university.

- (C) The principal administrative officials of the office of the provost shall include such associates as may be authorized from time to time. (B/T 10/12/65, B/T 9/10/70, B/T 12/3/71, B/T 10/5/73)

3335-3-07 Secretary of the board of trustees.*

- (A) The secretary of the board of trustees shall be custodian of and responsible for the official records of the board.
- (B) The major area of responsibility and authority of the secretary of the board of trustees shall be that of maintaining the records of the board. Without limiting the generality of the foregoing, the secretary of the board shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for: signing, executing, and delivery in the name of the university all deeds, mortgages, bonds, contracts, and other instruments authorized by the board; keep the minutes of all meetings of the board and of the committees of the board; and see that all notices are duly given in accordance with the provisions of the "Bylaws of the Board of Trustees." (B/T 10/5/73)

3335-3-08 Vice president for business and administration.*

- (A) The vice president for business and administration shall be the executive head of the office of business and administration.

*Rule initiated by board of trustees.

RULES

- (B) The major area of responsibility and authority of the vice president for business and administration shall be that of the administration of the university operations. Without limiting the generality of the foregoing, the vice president for business and administration shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for: the conduct and evaluation of all business and administrative activities and procedures, including management improvement programs; internal auditing; contracts administration and food services administration; business management; the development, allocation, utilization, and maintenance of the physical facilities; traffic and parking; the administration of the office of public safety; university systems; the treasurer of the university; and the coordination of all matters administratively assigned to the other vice presidents which relate to the business and administrative areas of the university.
- (C) The principal administrative officials of the office of business and administration shall include the assistant vice president, administration; associate vice president, physical facilities; treasurer; director, public safety; assistant vice president, business management; director, university systems; contracts officer; food services coordinator; and such other associates as may be authorized from time to time. (B/T 10/5/73, B/T 9/5/75, B/T 4/6/79)

3335-3-09 Vice president for student services.*

- (A) The vice president for student services shall be the executive head of the office of student services.
- (B) The major area of responsibility and authority of the vice president for student services shall be that of student services at the university. Without limiting the generality of the foregoing, the vice president for student services shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for: the promulgation of rules governing student conduct both on and off campus; the coordination of student extra-curricular activities including all student (or student-connected) organizations; and the administration of all residence and dining hall facilities; nonacademic student discipline; the student health service including primary responsibility for university-wide environmental health and safety; university union facilities and programs; student athletic programs including intercollegiate athletics, recreation and intramural programs; counseling; student financial aids and scholarships; off-campus student housing; and international student programs.
- (C) The principal administrative officials of the office of student services shall be the director of the counseling center, the director of student health service, the director of student unions, the director of student financial aids, the director of athletics, the assistant vice president for residence and dining hall facilities, and such other associates as may be authorized from time to time. (B/T 7/11/68, B/T 9/10/70, B/T 12/3/71, B/T 10/5/73, B/T 4/6/79)

*Rule initiated by board of trustees.

RULES

3335-3-11 Vice president for educational services.*

- (A) The vice president for educational services shall be the executive head of the office of educational services.
- (B) The major area of responsibility and authority of the vice president for educational services shall be that of the educational services of the university. Without limiting the generality of the foregoing, the vice president for educational services shall, under the direction of the president, through the appropriate coordinating deputy and with the approval of the board of trustees, be responsible and have the requisite authority for: the development and administration of policies and operating procedures for registration services including admissions, registration and records; university libraries, the telecommunications center and other learning resources; the development of instructional programs of the departments of air force aerospace studies, military science, and naval science; and the operation of the Fawcett center for tomorrow.
- (C) The principal administrative officials of the office of educational services shall be the assistant vice president for registration services; the director of the teaching aids laboratory; the director of the listening center; the director of computer based education; the director of the Fawcett center for tomorrow; the director of university libraries; the chairman of the department of military science; the chairman of the department of air force aerospace studies; the chairman of the department of naval science; the director of the telecommunications center; and such other associates as may be authorized from time to time. (B/T 4/17/64, B/T 9/10/70, B/T 12/3/71, B/T 10/5/73, B/T 4/6/79)

3335-3-12 Vice president for health sciences.*

- (A) The vice president for health sciences shall be the executive head of the office of health sciences.
- (B) The major area of responsibility and authority of the vice president for health sciences shall be that of the health sciences at the university. Without limiting the generality of the foregoing, the vice president for health sciences shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for the administration of: the colleges of dentistry, medicine, optometry, pharmacy, and veterinary medicine, and their clinics, schools, and hospitals, including such other supporting services and facilities as the health sciences library; laboratory research animal program; radiation safety; medical audio-visual and TV center; mental retardation center; cancer research center; center for continuing medical education; computer assisted instruction for community hospitals; agreements and cooperative arrangements with various regional and governmental hospitals. The vice president for health sciences will coordinate academic programs and appointments with the office of the provost and nonacademic budgets and personnel matters with the offices of the vice presidents for personnel services and finance and planning.

Rule initiated by board of trustees.

RULES

- (C) The principal administrative officials in the office of health sciences shall be the deans of dentistry, medicine, optometry, pharmacy, and veterinary medicine, the chief administrators of university hospitals and the veterinary hospital, and such other associates as may be authorized from time to time. (B/T 7/12/74, B/T 4/6/79)

3335-3-151 Vice president for finance and planning.*

- (A) The vice president for finance and planning shall be the executive head of the office of finance and planning.
- (B) The major area of responsibility and authority of the vice president for finance and planning shall be that of the administration of university finances, including planning and resource allocation. Without limiting the generality of the foregoing, the vice president for finance and planning shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for: formulation, review and monitoring of capital and current funds budgets; financial accounting, including the office of the controller; long-range resources analysis and planning, including cost implications of proposed programs; indirect cost analysis and recovery; equipment inventory; projections of enrollments and all factors bearing on future resource requirements and availabilities in the context of the mission and goals of the university.
- (C) The principal administrative officials of the office of finance and planning shall be the assistant vice president, the executive director of university budget, the controller, the director of campus planning and space utilization, the director of planning studies, the director of special projects, and such other associates as may be authorized from time to time. (B/T 4/6/79)

*Rule initiated by board of trustees.

April 6, 1979 meeting, Board of Trustees

**APPOINTMENT OF TRUSTEES TO MEDICAL RESEARCH
AND DEVELOPMENT FOUNDATION**

Resolution No. 79-111

Synopsis: Appointment of four members to Medical Research and Development Foundation Board of Trustees.

WHEREAS the U. S. District Court on March 12, 1979, approved a Medical Practice Plan (Plan) as part of the class action settlement in the case of Wall, et al v. the Board of Trustees of The Ohio State University, et al, Civil Action No. C-2-78-277, U. S. District Court for the Southern District of Ohio, Eastern Division; and

WHEREAS this Board had adopted the Plan conditioned upon said approval by the Court; and

WHEREAS the Plan calls for the formation of The Ohio State University Medical Research and Development Foundation (MRDF) a not-for-profit corporation, with ten Trustees, four of whom are to be appointed by this Board:

NOW THEREFORE

BE IT RESOLVED, That the following four individuals be and they hereby are appointed to serve as Trustees of the MRDF Board of Trustees, to be listed as such in the original Articles of Incorporation of MRDF, to serve until their successors are appointed and qualified:

1. The Chairman of the Board
2. The President
3. The Dean of the College of Medicine
4. The Chief Fiscal Officer of the University

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

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PERSONNEL ACTION

Resolution No. 79-112

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointment is recommended for approval.

RESOLVED, That the following appointment be approved:

April 6, 1979 meeting, Board of Trustees

PERSONNEL ACTION (contd)

Appointment

Name: WILLIAM E. VANDAMENT
Title: Vice President for Finance and Planning
Office: Finance and Planning
Effective: Immediately
Salary: \$47,040.00
Present Position: Executive Assistant to the President and Director of Budget and Resources Planning

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

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PERSONNEL ACTIONS

Resolution No. 79-113

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the March 2, 1979 meeting of the Board, including the following Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles, as detailed in the University Budget for 1978-79 be approved.

Appointments

Name: PATRICK R. DUGAN
Titles: Dean, College of Biological Sciences, and Professor, Department of Microbiology
Effective: April 1, 1979
Salary: \$48,000.00 (12 months)
Present Positions: Acting Dean, College of Biological Sciences, and Professor, Department of Microbiology

Name: DAN DAVID GARRISON
Titles: Director, Agricultural Technical Institute, Associate Dean, College of Agriculture and Home Economics, and Associate Professor, Department of Agricultural Education
Effective: April 1, 1979
Salary: \$35,280.00 (12 months)
Present Positions: Associate Director, Agricultural Technical Institute, and Associate Professor, Department of Agricultural Education

April 6, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: DAVID L. MEEKER
Titles: Director and Professor, School of Music, and Associate Dean, College of the Arts
Effective: April 1, 1979
Salary: \$31,680.00 (12 months)
Present Positions: Associate Dean, College of the Arts, and Professor, School of Music

Leaves of Absence Without Salary

WILLIAM LEE BERRY, Assistant Professor, Academic Faculty of Management Science, effective October 1, 1979 through September 30, 1980, to accept a visiting associate professorship at Babcock Graduate School of Business Administration, Wake Forest University, Winston-Salem, North Carolina.

JOHN C. HENDERSON, Assistant Professor, Academic Faculty of Management Science, effective October 1, 1979 through September 30, 1980, to visit at Wharton School of Business, University of Pennsylvania, Philadelphia, Pennsylvania.

CAROL JUSENIUS, Assistant Professor, Department of City and Regional Planning, effective March 16, 1979, through June 30, 1980, to work with the National Commission for Manpower Policy, Washington, D. C.

KEVYN DEAL, Instructor, Department of Preventive Medicine, effective January 1, 1979 through February 28, 1979, for personal reasons.

Professional Improvement Leaves

DAVID L. BICKELHAUPT, Professor, Academic Faculty of Finance, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

WILFORD L. L'ESPERANCE, Professor, Department of Economics, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

JOHN FRIEDL, Associate Professor, Department of Anthropology, effective Autumn Quarter 1979 and Winter Quarter 1980.

WEN LANG LI, Associate Professor, Department of Sociology, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

ICHIKO T. MORITA, Assistant Professor, University Libraries, effective Autumn Quarter 1979 and Winter Quarter 1980.

April 6, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles

FRANK FLETCHER, Department of Psychology, with the title Professor Emeritus, effective July 1, 1979.

JOHN B. MOWBRAY, Cooperative Extension Service, with the title Professor Emeritus, effective April 1, 1979.

BETTY J. FONNER, Cooperative Extension Service, with the title Associate Professor Emeritus, effective March 1, 1979.

Upon motion of Dr. Jacob, seconded by Mrs. James, 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. 79-114

Synopsis: The reports on contracts, grants and gifts and the summary for February 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 Office of Business and Administration of the University, The Ohio State University Research Foundation, 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 Office of Business and Administration and The Ohio State University Development Fund during the month of February 1979, be approved.

Upon motion of Mr. Smith, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

April 6, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR FEBRUARY 1979

Source	No. of Projects	Support Level
Office of Business and Administration	3	\$ 36,107.14
The Ohio State University Research Foundation	51	7,251,862.00
		\$7,287,969.14
The Ohio State University Development Fund	3, 283 Donors	\$ 596,460.73

Establishment of Named Funds

The Jack M. George Fund (Research and training in endocrinology)		\$ 347,538.00
The Kitty Dallas Cline Trust (School of Nursing)		21,589.41
The Marjorie R. and Charles H. Hoover Memorial Scholarship - Vocal Music (School of Music Scholarships)		10,000.00

New Presidents Club Members - February 1979

Thomas L. Benecke	Richard A. Menke
Dennis A. Burns	Nancy D. Moore
Albert F. Cameron III	James J. Portman
G. Courtney Chapman	Gary L. Rogers
Frank R. Cosiano	Alan L. Rosen
James C. Demler	Jane E. Schriver
David R. Dickson	Gale V. Slack
Kerry C. Dustin	Carolyn L. Smith (Mrs. Joseph R.)
Ramon E. Johnson	William Toennies
Bruce E. Lawhun II	James R. Trueman
Floyd I. Lower	Shirle N. Westwater (Mrs. William K.)
William J. McBride	Harold A. Williams
Naurine R. McCormick	Carole Moore Wright (Mrs. Larry H.)
Dennis I. Mendelson	Walter E. Yingling

April 6, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SECOND QUARTER SUMMARY

October 1 to December 31, 1978

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Donors	No. of Donors	Level of Support
ANNUAL GIVING		
Direct Mail	2,073	\$ 44,539.52
Annals	3,674	116,496.26
Miscellaneous	5,111	243,072.73
Community Campaigns	2,140	35,984.50
Corporate Matching Gifts	27	39,400.44
TOTALS	13,025	\$ 479,493.45
MAJOR RESOURCES		
Deferred Gifts	25	\$ 746,206.71
Major Individuals	495	1,293,557.04
Corporate	301	1,208,597.15
Foundations	174	544,493.65
TOTALS	995	\$3,792,854.55
GRAND TOTAL	14,020	\$4,272,348.00

April 6, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION

Industrial, Private and Other Non-Federal Research Contracts/Grants

\$16,750.00 - Ohio Historic Preservation Office, Ohio Historical Center, Columbus, Ohio, for activities of the Regional Archaeological Preservation Office, The Ohio State University (Mansfield Regional Campus), January 1, 1979 through September 30, 1979.

\$16,500.00 - Ohio Historic Preservation Office, Ohio Historical Center Columbus, Ohio, for continuing the Ohio Historic Inventory in the county seats and larger settlements of the seven county region (Ashland, Coshocton, Holmes, Knox, Morrow, Richland, and Wayne Counties); assisting the several local community historic inventory efforts which have begun; assisting individuals in the preparation of nominations to the National Register of Historic Places; consulting with local property owners, local government, and state agencies on historic preservation matters, The Ohio State University (Mansfield Regional Campus), January 1, 1979 through September 30, 1979.

\$2,857.14 - Franklin County Board of Education, Columbus, Ohio, for courses entitled "Directive Teaching of Exceptional Children," and "Pre-Vocational Skills for Handicapped Students," Academic Faculty for Exceptional Children, January 2, 1979 through March 16, 1979.

**TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL
RESEARCH CONTRACTS/GRANTS** **\$36,107.14**

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$5,064,497.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., The National Center for Research in Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 February 1979 through 31 January 1980. (Project 761008 - Continuation)

\$194,993.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, CTS/Comstar Communication Link Characterization Experiment, Department of Electrical Engineering, ElectroScience Laboratory (D. B. Hodge), 1 March 1979 through 28 February 1980. (Project 760316 - Continuation)

\$166,506.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Southwest Oncology Group, Department of Medicine (H. E. Wilson) and Department of Radiology (F. Batley), 1 January 1979 through 31 December 1979. (Project 761094 - Continuation)

\$110,500.00 - Department of the Air Force, Electronic Systems Division (AFSC), Hanscom Air Force Base, Massachusetts, Geodetic and Geophysical Parameters, Department of Geodetic Science (U. A. Uotila), 1 December 1978 through 30 September 1979. (Project 761486 - New)

April 6, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$78,690.00 - Department of Health, Education and Welfare, National Institute of Education, Washington, D. C., The Cognitive Processes of Contextual Features Produced by Children in Three Modes of Discourse, Interactive Speech, Dictation and Writing, Academic Faculty of Early and Middle Childhood Education (M. L. King) and Academic Faculty of Humanities Education (V. Rentel), 1 January 1979 through 31 December 1979. (Project 761513 - New)

\$70,996.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Experimental Studies of Trailing Edge Flows, Department of Aeronautical and Astronautical Engineering (S. L. Petrie and K. Korkan), 1 February 1979 through 31 January 1980. (Project 761016 - Continuation)

\$64,114.00 - Department of the Air Force, Air Force Office of Scientific Research, Washington, D. C., Electrocatalysis of Oxygen Using Water Soluble Metal Porphyrins and Chemically Modified Porphyrin Electrodes, Department of Chemistry (T. Kuwana), 1 September 1979 through 30 September 1980. (Project 761254 - Continuation)

\$61,500.00 - National Science Foundation, Washington, D. C., Acquisition Equipment for a X-ray Diffractometer and a Fluorescence Spectrometer, Department of Ceramic Engineering (C. H. Drummond), 1 February 1979 through 31 January 1980. (Project 761534 - New)

\$60,000.00 - National Science Foundation, Washington, D. C., Ductile Fracture and Hydrogen Embrittlement, Department of Metallurgical Engineering (J. P. Hirth), 1 January 1979 through 31 December 1979. (Project 761528 - Continuation)

\$46,996.00 - National Science Foundation, Washington, D. C., A Grammar and a Dictionary of the Sora Languages, Department of Linguistics (D. L. Stampe), 1 January 1979 through 31 December 1979. (Project 761549 - New)

\$44,000.00 - National Science Foundation, Washington, D. C., Effect of Structure on Rates and Equilibria, Department of Chemistry (J. Hine), 1 March 1979 through 29 February 1980. (Project 760599 - Continuation)

\$35,000.00 - National Science Foundation, Washington, D. C., Analytical and Physico-Chemical Studies by Gas-Liquid Chromatography, Department of Chemistry (R. J. Laub), 15 February 1979 through 29 February 1980. (Project 761541 - New)

\$33,638.00 - National Endowment for the Humanities, Washington, D. C., Profession in Crisis: Historical Perspective on Current Criticisms of Medicine, Department of Chemistry (J. C. Burnham), 1 December 1978 through 31 December 1979. (Project 761527 - New)

April 6, 1979 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 Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Conduct Investigation of Clinical Pharmacology of Potential Anticancer Agents, Department of Medicine (J. A. Neidhart), 23 December 1978 through 30 September 1979. (Project 760272 - Continuation)

\$25,974.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Techniques for the Analysis of Terrestrial and Satellite Data for the Determination of the Earth's Gravitational Field, Department of Geodetic Science (R. H. Rapp), 2 February 1979 through 29 February 1980. (Project 760056 - Continuation)

\$25,569.00 - Department of the Air Force, Electronic Systems Command, Air Force Systems Command, Hanscom Air Force Base, Massachusetts, Correlation Properties of Differential Reflectivity and Their Implications for Radar Meteorology, Department of Electrical Engineering (T. A. Seliga), 1 February 1979 through 31 January 1980. (Project 761512 - New)

\$24,744.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Regional Conference on Recent Advances in Variance Components and Applications, Department of Statistics (J. S. Rustagi), 15 January 1979 through 15 January 1980. (Project 761507 - New)

\$23,302.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Deformation Structures in Metal Crystals Due to Wear and Machining at High Speeds, Department of Industrial and Systems Engineering (J. T. Black), 1 March 1979 through 31 December 1979. (Project 760931 - Continuation)

\$21,940.00 - National Science Foundation, Washington, D. C., Student Science Training, Department of Engineering Graphics (L. F. Smith), 15 February 1979 through 31 October 1979. (Project 761540 - New)

\$13,400.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Pathogenesis of Infection by Feline Leukemia, Department of Veterinary Pathobiology (E. A. Hoover and J. L. Rojko), 1 January 1979 through 31 December 1979. (Project 761041 - Continuation)

\$8,350.00 - National Science Foundation, Washington, D. C., Transport of Crude Oil as Oil-In-Water Emulsions, Department of Chemical Engineering (J. L. Zakin), 15 January 1979 through 31 October 1979. (Project 761556 - New)

April 6, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$7,615.00 - National Science Foundation, Washington, D. C., Stratigraphy and Sedimentary Petrology of the Fremouw Formation of the Cumulus Hills, Antarctica, Institute of Polar Studies, Department of Geology and Mineralogy (J. W. Collinson and K. Stanley), 1 April 1979 through 31 December 1979. (Project 760656 - Continuation)

\$3,963.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Library and Learning Resources, Washington, D. C., Acquisition of Academic Library Resources for Agricultural Technical Institute, Wooster, University Libraries (G. D. Guthrie), 1 October 1979 through 30 September 1980. (Project 761498 - Continuation)

\$3,963.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Library and Learning Resources, Washington, D. C., Acquisition of Academic Library Resources for The Ohio State University, University Libraries (G. D. Guthrie), 1 October 1979 through 30 September 1980. (Project 761499 - Continuation)

\$3,963.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Library and Learning Resources, Washington, D. C., Acquisition of Academic Library Resources for the Newark Regional Campus, University Libraries (G. D. Guthrie), 1 October 1979 through 30 September 1980. (Project 761500 - Continuation)

\$3,963.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Library and Learning Resources, Washington, D. C., Acquisition of Academic Library Resources for the Mansfield Regional Campus, University Libraries (G. D. Guthrie), 1 October 1979 through 30 September 1980. (Project 761502 - Continuation)

\$3,963.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Library and Learning Resources, Washington, D. C., Acquisition of Academic Library Resources for the Lima Regional Campus, University Libraries (G. D. Guthrie), 1 October 1979 through 30 September 1980. (Project 761503 - Continuation)

\$3,963.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Library and Learning Resources, Washington, D. C., Acquisition of Academic Library Resources for the Marion Regional Campus, University Libraries (G. D. Guthrie), 1 October 1979 through 30 September 1980. (Project 761504 - Continuation)

\$3,099.00 - National Science Foundation, Washington, D. C., Doctoral Dissertation Research in Geography and Regional Science, Department of Geography (K. R. Cox and F. Nartowicz), 1 February 1979 through 30 November 1979. (Project 761542 - New)

April 6, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$520.00 - Department of Health, Education and Welfare, Office of Human Development, Office of Rehabilitation Services, Chicago, Illinois, Teaching Grant and Traineeships in Physical Therapy, School of Allied Medical Professions (F. M. Pierson), 1 September 1978 through 31 August 1979. (Project 760804 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$6,239,721.00**

State of Ohio Research Contracts/Grants

\$171,396.00 - Ohio Department of Agriculture, Columbus, Ohio, Hog Accelerated Marketing System - A Pilot Project for Computerized Electronic Marketing of Slaughter Hogs, Department of Agricultural Economics and Rural Sociology (D. H. Boyne and E. D. Baldwin), 1 November 1978 through 31 October 1980. (Project 761446 - New)

\$19,940.00 - Ohio Advisory Council for Vocational Education, Columbus, Ohio, The Impact of the Guided Learning Experience in Ohio, National Center for Research in Vocational Education (R. E. Taylor), 1 February 1979 through 31 December 1979. (Project 761546 - New)

\$13,801.00 - Ohio Department of Health, Columbus, Ohio, Language Retraining for Aphasic Individuals, Department of Communication (S. Goff), 1 January 1979 through 30 September 1979. (Project 760680 - Continuation)

\$7,600.00 - Ohio Historic Preservation Office, Ohio Historical Center, Columbus, Ohio, An Archaeological Survey of the Big and Little Darby Creeks, Department of Anthropology (W. Dancey), 2 February 1979 through 1 February 1980. (Project 761538 - New)

\$4,700.00 - Ohio Historic Preservation Office, Ohio Historical Center, Columbus, Ohio, An Archaeological Survey in the Deer Creek Drainage System, Department of Anthropology (W. Dancey), 2 February 1979 through 1 February 1980. (Project 761536 - New)

\$4,500.00 - Ohio Historic Preservation Office, Ohio Historical Center, Columbus, Ohio, A Survey of a Tract of Upland Territory Between Paint Creek and the North Fork of Paint Creek at Their Confluence, Department of Anthropology (W. Dancey), 2 February 1979 through 1 February 1980. (Project 761537 - New)

\$3,200.00 - Ohio Historic Preservation Office, Ohio Historical Center, Columbus, Ohio, An Archaeological Survey of the Area Within a Five-Mile Radius of the Confluence of the Olentangy and Whetstone Rivers in Delaware County, Ohio, Department of Anthropology (D. T. Hughes), 2 February 1979 through 1 February 1980. (Project 761539 - New)

April 6, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$2,601.00 - Ohio Department of Health, Columbus, Ohio, Training Program in Rehabilitation Nursing, Department of Physical Medicine (E. Johnson), 1 October 1978 through 30 September 1979. (Project 761328 - Continuation)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$227,738.00

Industrial, Private and Other Non-Federal Research Contracts/Grants

\$316,345.00 - Division of Student Development Services, Columbus Public Schools, Columbus, Ohio, Skills Training Improvement Program (STIP), National Center for Research in Vocational Education (R. E. Taylor), 21 February 1979 through 30 June 1980. (Project 761551 - New)

\$232,316.00 - CPC International, Incorporated, Englewood Cliffs, New Jersey, Development of an HV-2 Host-Vector Molecular Cloning System for *Bacillus subtilis*, Department of Microbiology (D. H. Dean), 1 July 1979 through 30 June 1981. (Project 761554 - New)

\$92,732.00 - American Cancer Society, Inc., New York, New York, Tumor Cell Destruction by Alveolar Macrophages: Functional Heterogeneity, Department of Microbiology (B. S. Zwillig), 1 January 1979 through 31 December 1980. (Project 761547 - New)

\$47,404.00 - Battelle - Columbus Laboratories, Columbus, Ohio, Large Animal Pre-clinical Evaluations of Pharmacodynamic Effects of Antineoplastic Compounds on the Cardiovascular System, Department of Veterinary Physiology (R. L. Hamlin), 1 November 1978 through 30 September 1979. (Project 760245 - Continuation)

\$35,000.00 - Virginia State Corporation Commission, Richmond, Virginia, Fuel Cost Forecasting and Monitoring Procedures, National Regulatory Research Institute (D. N. Jones and K. A. Kelly), 17 October 1978 through 30 June 1979. (Project 761426 - New)

\$19,045.00 - Virginia Polytechnic Institute and State University, Blacksburg, Virginia, Investigation of Oil Persistence in Tundra and Its Impact on the Belowground Arctic Ecosystem, Institute of Polar Studies and Department of Agronomy (K. R. Everett), 1 October 1978 through 30 September 1979. (Project 760271 - Continuation)

\$12,000.00 - Central Ohio Heart Chapter, American Heart Association, Columbus, Ohio, Study of Prolapsing Mitral Valves, Department of Pathology (N. Baba and P. B. Baker), 1 July 1979 through 30 June 1980. (Project 761543 - New)

April 6, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$10,230.00 - City of Columbus, Finance Department, Division of Fire, Columbus, Ohio, A Problem-Solving Model for the Application of Federal Research and Development Outputs to Urban Issues and Problems in Columbus, Ohio, School of Public Administration (J. P. Stanley), 1 July 1978 through 30 June 1979. (Project 761530 - Continuation)

\$6,554.00 - Franklin County Board of Mental Health and Mental Retardation, Columbus, Ohio, Development of a Decision Support System, Academic Faculty of Management Science (J. C. Henderson), 1 January 1979 through 31 August 1979. (Project 761522 - New)

\$5,577.00 - Southwest Oncology Group, Kansas City, Kansas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Medicine (H. E. Wilson) and Department of Pathology (R. O'Toole), 1 January 1979 through 30 June 1979. (Project 761460 - Continuation)

\$5,500.00 - Dystonia Medical Research Foundation, Beverly Hills, California, Biochemical Alterations in Rat Striatum Following Chronic Exposure to Manganese, Department of Pharmacology (J. R. Bianchine), 1 March 1979 through 29 February 1980. (Project 761531 - New)

\$1,500.00 - McCauley Accessory Division, The Cessna Aircraft Company, Vandalia, Ohio, Analyze Airfoils to Supplement Sponsor's Computer Data Bank, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and K. Korkan), 13 December 1978 through 31 January 1979. (Project 761468 - New)

\$200.00 - Sigma Xi, The Scientific Research Society of North America, New Haven, Connecticut, Reactions of Sulfur Dioxide with Lime and Limestone Slurries - A Study of Mass Transfer with Chemical Reactions in a Four-Phase System, Department of Chemical Engineering (L. Fan), 1 February 1979 through 30 June 1980. (Project 761552 - New)

**TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL
RESEARCH CONTRACTS/GRANTS** **\$784,403.00**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$47,550.00 - Trust Under the Will of Anna Roessler, c/o G. K. Traucht, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund.

April 6, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$38,530.51 - Ivot Spafford Estate, c/o M. J. Stone, Geneva, Ohio: \$33,530.51 for the Robert G. Spafford Fund and \$5,000.00 for the Mary Goldia Spafford Scholarship Fund.

\$34,011.50 - Griffith Foundation for Insurance Education, Columbus, Ohio, for the Charles W. Griffith Memorial Fund.

\$30,000.00 - The Rockefeller Foundation, New York, New York, for the International Conference on Research on Malaria and Babesiosis.

\$27,400.79 - Estate of Lee D. Moody, c/o Gilbert Harre, Bellefontaine, Ohio, for The Lee D. Moody Scholarship Fund.

\$20,000.00 - Landmark, Inc., Columbus, Ohio, (given in the names of Robert Schmidt, Robert Scherer, Mark L. Keith and Curt Dunham), for the Landmark - OARDC Fund.

\$19,147.03 - Systems Associates, Columbus, Ohio: \$10,066.60 for the Department of Medicine General Fund and \$9,080.43 for the Cardiology Support Fund.

\$18,000.00 - PPG Industries Foundation, Pittsburgh, Pennsylvania: \$10,000.00 for the Alliance With Industry; \$5,000.00 for the Affirmative Action Program in Engineering Fund; and \$3,000.00 for the Minority Assistance Program in the College of Administrative Science.

\$14,150.00 - The Refractories Institute, Pittsburgh, Pennsylvania, for the Refractories Institute Research Fund.

\$13,591.85 - University Eye Surgeons, Inc., Columbus, Ohio, (given in the name of Richard H. Keates, M.D.), for the Eye Bank Fund.

\$13,000.00 - Marathon Oil Company, Findlay, Ohio, for the WOSU Support Fund.

\$12,256.28 - Retinal Consultants, Inc., Columbus, Ohio: \$7,019.83, (given in the name of Frederick H. Davidorf, M.D.), for the Retinal Research Fund; \$3,462.61 for the Retinal Research Fund; and \$1,773.84, (given in the name of Frederick H. Davidorf, M.D.), for the Ophthalmology Photography Fund.

\$11,000.00 - Charities Foundation, c/o James Tippet, Toledo, Ohio: \$10,000.00 for the Owens-Illinois International Fund and \$1,000.00 for the Affirmative Action Program in Engineering Fund.

April 6, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$10,078.13 - Foundation for Endowment of a Chair at Ohio State University, c/o Haim Bernstein, New York, New York, for the Meshulam Riklis Chair in Business and Its Environment Fund.

\$10,000.00 - Michael R. Johnson, Newark, Ohio: \$5,000.00 for the Faculty of Labor and Human Resources Discretionary Fund and \$5,000.00 for the Gallery Enhancement Fund.

\$8,328.03 - William Howard Bay, M.D., Inc., Columbus, Ohio, (given in the name of William H. Bay): \$4,845.71 for the Department of Medicine General Fund and \$3,482.32 for the Renal Disease Research Fund.

\$7,500.00 - James R. Riley, Worthington, Ohio, for the James R. Riley Named Professorship in Transportation and Logistics Fund.

\$7,324.47 - Grace and Carl Baldwin Trust, Columbus, Ohio, for The Carl M. and Grace C. Baldwin Eye Care Fund.

\$7,000.00 - F. & R. Lazarus & Company, Columbus, Ohio: \$5,000.00 for the Student Athlete Grant-in-Aid Fund and \$2,000.00 for the Corporate Associates.

\$7,000.00 - Summer & Company, Columbus, Ohio, for the Student Athlete Grant-in-Aid Fund.

\$6,916.77 - Hematology Associates, Columbus, Ohio, for the Department of Medicine General Fund.

\$6,500.00 - Daniel M. Galbreath Family Fund of the Columbus Foundation, Columbus, Ohio, for the Dean's Education and Research Fund - Veterinary Medicine.

\$6,500.00 - Society of American Florists Endowment, Alexandria, Virginia, for the Ohio Florists Association Special Fund.

\$6,000.00 - Central Ohio Center for Economic Education, Columbus, Ohio, for the Center for Economic Education.

\$5,425.00 - Frederick P. Zuspan, M.D., Columbus, Ohio, (given in the name of Kathryn Zuspan), for the EPR-OBS Fund.

\$5,000.00 - Clarence K. Bey, St. Petersburg, Florida, for the Extension Service Rapid Adjustment Program.

April 6, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$5,000.00 - Capital City Products Co., Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

\$5,000.00 - Gannett Newspaper Foundation, Rochester, New York, for the Journalism Director's Special Fund.

\$5,000.00 - Alexander Grant & Company Foundation, Chicago, Illinois: \$1,000.00 for Beta Alpha Psi Seminar Fund; \$1,000.00 for the Accounting Department Chairman's Discretionary Fund; \$750.00 for Alexander Grant & Co. - Beta Alpha Psi Scholarship Award; \$750.00 for Alexander Grant's Accounting Association Scholarship Fund; \$750.00 for Alexander Grant & Co. - Professor Thomas J. Burns Honor Program Scholarship Award; and \$750.00 for Alexander Grant Colloquium Fund.

\$5,000.00 - Hauck Manufacturing Company, c/o John Marino, Lebanon, Pennsylvania, for the Mechanical Engineering Coal Combustion Laboratory Fund.

\$5,000.00 - Ohio Turfgrass Foundation, Columbus, Ohio, for the GCSAA Research Fund.

\$5,000.00 - Pioneer Hi-Bred International, Inc., Des Moines, Iowa, for the Special NC-151 Fund.

\$5,000.00 - Erdis G. Robinson Trust, c/o First Trust Company of Ohio, Columbus, Ohio: \$4,000.00 for The Woody and Anne Hayes Scholarship Fund and \$1,000.00 for undesignated projects.

\$5,000.00 - M. Henry Speck, Youngstown, Ohio, for the Drs. M. Henry and Myron E. Speck Fund.

Establishment of Named Funds

The Jack M. George Fund

The Jack M. George Fund was established April 6, 1979, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Kaplan-Halpert Foundation 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.

April 6, 1979 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 Jack M. George Fund (contd)

The annual income is to be used for research and training in Endocrinology, including such things as graduate fellowships, equipment, consumable supplies for research (such as chemicals, glassware, animals, isotopes), salary for research assistant, seminars, travel, publication costs, books and journals and eventually for the endowment of a faculty chair in the Department of Medicine. Requisitions for funds are to be approved by Dr. Jack M. George, as long as he is a member of the OSU faculty, the Chairman of the Department of Medicine, and the Dean of the College of Medicine. Any income not used in a given year may be added to the principal at the direction of the Chairman of the Department 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 to establish an endowed faculty chair in the department of medicine.

The Kitty Dallas Cline Trust

The Kitty Dallas Cline Trust was established April 6, 1979, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Kitty Dallas Cline, B.S.Ed. '39, of Jacksonville, Florida.

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

The annual income is to be used for the benefit of one or more needy and worthy students who desire to be educated as registered nurses. The selection of the recipient is to be made upon the recommendation of the Director of the School of Nursing after consultation with the appropriate faculty committee.

Should the need for this student assistance 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.

The Marjorie R. and Charles H. Hoover Memorial Scholarship - Vocal Music

The Marjorie R. and Charles H. Hoover Memorial Scholarship - Vocal Music was established April 6, 1979, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Marjorie R. and Charles H. Hoover, B.E.E. '20, of Columbus, Ohio.

April 6, 1979 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 Marjorie R. and Charles H. Hoover Memorial Scholarship - Vocal Music (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 students of vocal music in the School of Music who have demonstrated a need for financial assistance. The selection of the recipient is to be made upon the recommendation of the Director of the School of Music in cooperation with the Dean of the College of The Arts.

The Marjorie R. and Charles H. Hoover Memorial Scholarship is established to honor Mrs. Hoover's lifelong interest in and love of vocal music, her interest in assisting students who are studying vocal music and because of Mr. Hoover's intent to memorialize his wife who predeceased him.

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 music education.

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PLANS AND SPECIFICATIONS

Resolution No. 79-115

Synopsis: Plans and specifications are being proposed for two projects.

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

UNIVERSITY AIRPORT--DON SCOTT FIELD, HANGAR NO. 4 ADDITION

Project:	Construct a one-story office and shop addition. This will be a pre-engineered metal building, and will be used as rented space by the airport's tenants in support of their hangar-based operations.
Funding:	Budget Account 882036
Estimated Project Cost:	\$135,253.00

April 6, 1979 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

LIMA CAMPUS, PREFAB STEEL BUILDING

Project: Building will provide maintenance space required by Lima Campus.
Funding: Budget Account 882035
Estimated Project Cost: \$50,820.00

NOW THEREFORE

BE IT RESOLVED, That the Purchasing Department of the University be authorized to proceed with the solicitation of bids for the foregoing projects in accordance with normal procedures of said department, pursuant to authorization from the Department of Administrative Services, Division of Public Works.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, 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. 79-116

Synopsis: Contracts have been awarded for four projects 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 Acting 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:

ENERGY MODIFICATIONS TO BUILDINGS - PROJECT I (Rebid)

Description: Energy reducing modifications to buildings based on completed detailed energy reports. Modifications will be accomplished in Postle Hall, Fawcett Center for Tomorrow, Caldwell Laboratory, Law Building, Newton Hall, Mansfield Campus, Marion Campus, Scott Hall, West Hall and Laboratory Animal Facilities.

April 6, 1979 meeting, Board of Trustees

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

ENERGY MODIFICATIONS TO BUILDINGS - PROJECT I (Rebid) (contd)

Mechanical Contract

Date Received: March 14, 1979

No. of Bids: 3

Low Bid: \$334,300.00*

High Bid: \$352,473.00*

Estimate of Cost: \$434,200.00*

Awarded to: J. A. Guy, Inc., Dublin, Ohio

Total Contract: \$334,300.00*

Total Contingency Allowance: \$ 5,000.00 which is 1 per cent of construction costs

Total Project Cost: \$379,017.25

Funding: H.B. 618, Utilities and Renovation (1977-79 Biennium)

*Recommended alternates reflected in these figures.

RESEARCH CENTER ROOF REPAIRS (PHASE III)

Description: Continuation of repair to roof due to deterioration.

General Contract

Date Received: February 28, 1979

No. of Bids: 3

Low Bid: \$ 95,724.00*

*Please note the General Contract is in excess of the filed estimate of cost; however, the total price of the contract is within 10 per cent above the total estimate of cost and is therefore being recommended for award as provided by Section 153.12 of the Ohio Revised Code.

April 6, 1979 meeting, Board of Trustees

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

RESEARCH CENTER ROOF REPAIRS (PHASE III) (contd)

High Bid:	\$121,720.00
Estimate of Cost:	\$ 89,960.00
Awarded to:	Thomas Roofing, Inc., Columbus, Ohio
Total Contract:	\$ 95,724.00
Total Contingency Allowance:	\$ 5,000.00 which is 19 per cent of construction costs
Total Project Cost:	\$103,538.48
Funding:	Budget Account 210134 (Contract Repair)

WATTS HALL VENTILATION MODIFICATIONS

Description: Improvement to ventilation on the fourth floor. Equipment selected to continue the energy conservation program requirements at the University.

Mechanical Contract

Date Received:	February 28, 1979
No. of Bids:	3
Low Bid:	\$ 41,000.00
High Bid:	\$ 42,400.00
Estimate of Cost:	\$ 45,000.00
Awarded to:	Morris Sheet Metal, Inc., Columbus, Ohio
Total Contract:	\$ 41,000.00
Total Contingency Allowance:	\$ 2,180.00 which is 5 per cent of construction costs
Total Project Cost:	\$ 45,000.00
Funding:	Budget Account 210134 (Contract Repair)

April 6, 1979 meeting, Board of Trustees

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

CUNZ HALL WINDOW IMPROVEMENTS

Description: Replacement of windows on second, third and fourth floors with operational windows to assist our continuing energy conservation program by allowing the occupants to have ventilation without the ventilation system.

General Contract

Date Received:	March 2, 1979
No. of Bids:	2
Low Bid:	\$ 31,800.00
High Bid:	\$ 42,739.00
Estimate of Cost:	\$ 45,000.00
Awarded to:	Accurate Glass & Mirror Company, Columbus, Ohio
Total Contract:	\$ 31,800.00
Total Contingency Allowance:	\$ 5,000.00 which is 6 per cent of construction costs
Total Project Cost:	\$ 38,236.00
Funding:	H.B. 618, Utilities and Renovation (1977-79 Biennium)

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 reported.

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

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**AGREEMENT BETWEEN THE OHIO STATE UNIVERSITY AND
CORPORATION FOR PUBLIC BROADCASTING**

Resolution No. 79-117

Synopsis: An agreement with Corporation for Public Broadcasting for establishment of a satellite receiving earth station is being proposed.

April 6, 1979 meeting, Board of Trustees

**AGREEMENT BETWEEN THE OHIO STATE UNIVERSITY AND
CORPORATION FOR PUBLIC BROADCASTING (contd)**

WHEREAS it is in the best interests of The Ohio State University to advance its teaching, research and service missions by making the most efficient use of new technologies; and

WHEREAS the Corporation for Public Broadcasting, the Public Broadcasting Service and National Public Radio have jointly entered into agreements that make possible the establishment of a satellite receiving earth station at each public broadcasting station, including the WOSU stations owned and operated by The Ohio State University; and

WHEREAS the establishment of the earth receiving station at The Ohio State University will enhance the broadcast services of the WOSU stations and will permit additional non-broadcast services to be received for the benefit of other departments and university needs; and

WHEREAS the establishment of the earth station involves no new significant capital expenditure on the part of The Ohio State University inasmuch as the earth station and its components have been primarily financed by the Corporation for Public Broadcasting;

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees of The Ohio State University authorizes the President and/or Acting Vice President for Business and Administration and the Director of the Telecommunications Center to enter into and complete all necessary agreements with the Corporation for Public Broadcasting to establish and complete construction of the public broadcasting satellite earth receiving station located north of the Fawcett Center for Tomorrow.

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

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 79-118

RESOLVED, That the report on the University's Investment Portfolio, dated March 16, 1979, 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 6, 1979 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, May 4, 1979, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

Howard D. Sirak
Chairman

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

Columbus, Ohio, May 4, 1979

The Board of Trustees met at its regular monthly meeting on Friday, May 4, 1979, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Howard D. Sirak, Chairman, Patricia D. James, Chester Devenow, Warren J. Smith, John D. Jacob, D. James Hilliker, John F. Havens, Daniel M. Galbreath and Leonard J. Immke.

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Minutes of the last meeting were approved.

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May 4, 1979 meeting, Board of Trustees

The Chairman, Dr. Sirak, called the meeting of the Board of Trustees to order at 11:30 a.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering collective negotiation issues and personnel matters.

Present: Howard D. Sirak, Chairman, Patricia D. James, Warren J Smith, John D. Jacob, and Daniel M. Galbreath.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

**ELECTION OF OFFICERS
BOARD OF TRUSTEES**

Resolution No. 79-119

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 the adjournment of the meeting (May 4, 1979) and shall hold their office through the May 1980 meeting:

NOW THEREFORE

BE IT RESOLVED, That the following slate of officers for 1979-80 be elected:

Patricia D. James	Chairman
Chester Devenow	Vice Chairman
Madison H. Scott	Secretary
James W. Kristoff	Treasurer

Upon motion of Dr. Jacob, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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RESOLUTIONS IN MEMORIAM

Resolution No. 79-120

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

May 4, 1979 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.

Upon motion of Dr. Jacob, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Arthur Marshall Brant

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 14, 1979, of Arthur Marshall Brant, Associate Professor Emeritus in the Department of Geology and Mineralogy.

Dr. Brant received his B.Ch.E. degree in 1917, his M.S. degree in 1923, and his Ph.D. degree in Chemical Engineering in 1928 from The Ohio State University. He served the Department of Mineralogy at the University from 1923 until his retirement in 1953. He was an accomplished and popular teacher, and his lectures in crystallography, determinative mineralogy, and microscopic mineralogy were noted for their orderliness and clarity. He was largely responsible for the construction and maintenance of the department's research equipment, for which service many a graduate student is deeply in his debt. After leaving the University, he was a Senior Chemical Engineer with Basic Refractories, Inc., until 1964.

An expert in phase equilibria and thermochemistry of refractories, Dr. Brant was a member of the American Chemical Society, the Mineralogical Society of America, the American Ceramic Society, and the Ohio Academy of Science.

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

Dudley L. Hascall

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 16, 1979, of Dudley L. Hascall, Associate Professor in the Department of English.

Professor Hascall held the B.A. degree from the University of Colorado (1963), the M.A. degree from the University of Oregon (1965), and the Ed.D. degree from Harvard University (1970). He taught at Lowell State College and at the University of Alaska before joining the Ohio State faculty in 1972. A noted authority on such diverse subjects as Eskimo languages, psycholinguistics, and English prosody, he did seminal research--on which other scholars have continued to build--particularly in the field of English metrics. As a teacher, he inspired undergraduate and graduate students alike with the freshness and originality of his intellectual outlook.

May 4, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Dudley L. Hascall (contd)

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

Vivian L. Johnston

The Board of Trustees of The Ohio State University expresses its sorrow upon the death of Vivian L. Johnston, Professor Emeritus, Cooperative Extension Service, on March 13, 1979.

Miss Johnston was born in Bremen, Ohio, on September 19, 1912. She attended Bremen High School and graduated in 1930. Following high school she attended The Ohio State University, graduating with a bachelor of science in home economics degree in 1933. Graduate work was pursued at The Ohio State University where she received her master's degree in 1940. Additional graduate education was pursued at Columbia University in 1949 and 1957.

Miss Johnston was employed as a home economics teacher in Van Wert and Coldwater school systems from 1934 through 1940. On November 1, 1942, Miss Johnston was employed as County Extension Agent, Home Economics, for the Ohio Cooperative Extension Service in Muskingum County and remained in that position until December 31, 1955. From January 1, 1956 until her retirement on November 30, 1972, she was a member of the supervisory and administrative faculty of the Cooperative Extension Service on The Ohio State University campus.

Since her retirement she continued to make her home in Columbus, always in close association with members of her personal and professional family.

Miss Johnston was best known for her work and teachings related to Extension homemaker's clubs and councils across the state. Her judgment to the needs of homemakers was always invaluable. She assisted literally thousands of homemakers in making a better life for their families throughout her many years of employment at both the county and state level. She was always capable of cooperating wisely with co-workers both in the state office and across the state in county extension positions. She was an excellent teacher and organized her material well. A pleasant smile and a ready sense of humor were personal characteristics appreciated by all.

On behalf of the University community, the Board of Trustees expresses its deepest sympathy to the family of Miss Johnston. 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 of Miss Johnston as sincere appreciation for the life she lived and the realization of the loss that her family, friends and associates have sustained.

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May 4, 1979 meeting, Board of Trustees

NAMING OF BUILDING

Resolution No. 79-121

Synopsis: Naming of New Music Addition is proposed.

WHEREAS pursuant to the 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 Music Addition, located at 1866 College Road, be named Weigel Hall to honor Eugene J. Weigel, who served as the first director of the School of Music:

NOW THEREFORE

BE IT RESOLVED, That the New Music Addition be named Weigel Hall in accordance with the President's recommendation.

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

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**REPRINTED STATUTES APPLYING TO THE UNIVERSITY,
BYLAWS OF THE BOARD OF TRUSTEES AND
RULES OF THE UNIVERSITY FACULTY**

Resolution No. 79-122

Synopsis: The reprinted Statutes Applying to the University, Bylaws of the Board of Trustees and Rules of the University Faculty is presented for adoption.

WHEREAS the publication entitled *Statutes Applying to the University, Bylaws of the Board of Trustees and Rules of the University Faculty* has been reprinted to conform to the changes approved by the Board of Trustees since the last publication in March 1978; and

WHEREAS Section 111.15 of the Ohio Revised Code requires state-assisted institutions of higher education to file the current rules and regulations which have been adopted or promulgated by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the reprinted text of the *Statutes Applying to the University, Bylaws of the Board of Trustees, and Rules of the University Faculty* be adopted as the official publication of the Board of Trustees.

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

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May 4, 1979 meeting, Board of Trustees

DEGREES AND CERTIFICATES - SPRING QUARTER COMMENCEMENT

Resolution No. 79-123

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

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on June 8, 1979, 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. James, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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HONORARY DEGREE

Resolution No. 79-124

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, recommends to the Board of Trustees awarding of the honorary degree as listed below:

Walter Frederick Mondale

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. Devenow, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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May 4, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS

Resolution No. 79-125

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the April 6, 1979 meeting of the Board, including the following Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles, as detailed in the University Budget for 1978-79 be approved.

Appointments

Name: RICHARD D. JACKSON
Title: Vice President
Office: Business and Administration
Effective: June 1, 1979
Salary: \$48,000.00 (12 months)
Present Position: Director, Department of Administrative Services, State of Ohio

Name: CALVIN MURRAY KUNIN
Titles: Professor and Chairman
Department: Medicine
Effective: September 1, 1979
Salary: \$50,040.00 (12 months)
Present Positions: Professor and Associate Chairman, Department of Medicine, University of Wisconsin School of Medicine and Chief, Medical Service, William S. Middleton Memorial Veterans' Hospital, Madison, Wisconsin

Name: HOWARD M. FEDERSPIEL
Titles: Associate Dean, Newark Campus, and Professor, Department of Political Science
Effective: July 1, 1979
Salary: \$30,000.00 (12 months)
Present Position: Chairman, Department of Political Science, Winthrop College, Rock Hill, South Carolina

Leaves of Absence Without Salary

SANJIB K. GHOSH, Associate Professor, Department of Geodetic Science, effective October 1, 1979 through September 30, 1980, to do research in photogrammetry.

DIANE E. JOHNSON, Assistant Professor, Cooperative Extension Service, effective June 1, 1979 through August 31, 1979, for personal reasons.

May 4, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

MICHAEL VISSCHER, Assistant Professor, Department of Economics, effective October 1, 1979 through September 30, 1980, to accept an appointment at the Center for Business Regulation at Duke University.

Professional Improvement Leaves

DAVID BLACK, Professor, Department of Art, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

ARTHUR D. EFLAND, Professor, Department of Art Education, effective Winter Quarter 1980 and Spring Quarter 1980.

BELTON M. FLEISHER, Professor, Department of Economics, effective Autumn Quarter 1979 and Winter Quarter 1980.

R. WILLIAM LIDDLE, Professor, Department of Political Science, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

JOHN SEIDLER, Associate Professor, Department of Sociology, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

Emeritus Titles

WILLIAM M. JOHNSON, College of Veterinary Medicine, with the title Assistant Dean Emeritus, effective July 1, 1979.

RICHARD A. ERICKSON, Department of Physics, with the title Professor Emeritus, effective July 1, 1979.

THERON R. MC CLURE, School of Music, with the title Professor Emeritus, effective July 1, 1979.

DONALD E. MC GINNIS, School of Music, with the title Professor Emeritus, effective July 1, 1979.

IVAN C. RUTLEDGE, College of Law, with the title Professor Emeritus, effective July 1, 1979.

CARL F. PURTZ, Department of Civil Engineering, with the title Associate Professor Emeritus, effective April 1, 1979.

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

May 4, 1979 meeting, Board of Trustees

EXPRESSION OF GRATITUDE TO THOMAS B. SMITH

President Enarson:

I think I would be remiss, if before moving to the next item, I didn't express my own great personal gratitude to Tom Smith, who has served very effectively in an acting role. The acting role as we all know is not an easy one, but Tom Smith has moved into it with confidence and high competence and I can't fault Tom for a single thing he has ever done or not done. I hope all of us realize what jewels we have in people like Tom Smith who serve the University for a long, long time; who serve it very skillfully. They are, in truth, effective and the University would be a much diminished place without them. And I just wanted to say publicly what I have said to you privately: that we are appreciative, Tom.

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REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

Resolution No. 79-126

Synopsis: The reports on contracts, grants and gifts and the summary for March 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 Office of Business and Administration of the University, 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 Office of Business and Administration, the Engineering Experiment Station, and The Ohio State University Development Fund during the month of March 1979, be approved.

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

May 4, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR MARCH 1979

Source	No. of Projects	Support Level
Office of Business and Administration	1	\$ 8,756.85
The Ohio State University Research Foundation	69	6,727,223.00
Engineering Experiment Station	3	78,736.00
		\$6,814,715.85
The Ohio State University Development Fund	2,713 Donors	\$ 897,455.32
Establishment of Named Funds		
The Stephen Brock Memorial Scholarship (Undergraduates in the Depart- ments of Agricultural Economics and Rural Sociology and Agri- cultural Education)		\$ 5,000.00
The Cincinnati Kennel Club Veteri- nary Student Scholarship Fund (College of Veterinary Medicine)		\$ 5,000.00

May 4, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

New Presidents Club Members - March 1979

Jerry M. Benis	George A. Miller
Alice L. Blaemire	C. William O'Neill
Ellen K. Bogart	Yong Cha (Maria) Pak (Mrs. Moon H. Kim)
Paul B. Brown	Clair F. Picard
Robert J. Deak	Anthony Mark Puskarich
John P. DiFalco	William E. Rance
Dennis L. Elliott	William G. Reuter
Thomas G. Fewster	William N. Scarff
John F. Finn	William W. Schoo
Michael L. Finn	Lois Y. Shama (Mrs. David F.)
Michael B. Foote	William R. Sharp
James N. George	Charles F. Sinnebaugh
Gregory A. Georgia	Lewis R. Smoot, Sr.
William A. Goldman	George Spetnagel
W. P. Hambleton	Dale W. Spiegelberg
John J. Heron	J. Bradley Vujnovic
David W. Hornbeck	Harry L. Weithman
John T. F. Jordon	Elisabeth F. Wening (Mrs. Herman E.)
Jerry L. Maloon	(In Memoriam)
R. Alexander Masson	Herman E. Wening (In Memoriam)
Jeffrey J. Menhart	Helen E. Wilson (Mrs. Henry R.)
Arthur P. Miller	Mark F. Zusan

May 4, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THIRD QUARTER SUMMARY

January 1, 1979 through March 31, 1979

OFFICE OF BUSINESS AND ADMINISTRATION

Sponsor	No. of Projects	Level of Support
STATE OF OHIO	1	\$ 8,756.85
INDUSTRIAL AND OTHER	3	26,107.14
TOTALS	4	\$34,863.99

May 4, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THIRD QUARTER SUMMARY

January 1, 1979 through March 31, 1979

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Source	No. of Projects	Support Level
FEDERAL		
Department of Energy	3	\$ 727,654.00
National Aeronautics and Space Administration	9	712,322.00
National Science Foundation	25	1,126,304.00
Department of Defense	16	961,099.00
Department of Health, Education and Welfare	41	7,642,474.00
Other Federal	17	3,803,532.00
TOTAL - FEDERAL	111	\$14,973,385.00
STATE OF OHIO	20	\$ 680,466.00
INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL SPONSORS	52	\$ 3,029,964.00
GRAND TOTAL	183	\$18,683,815.00

May 4, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THIRD QUARTER SUMMARY

January 1, 1979 through March 31, 1979

ENGINEERING EXPERIMENT STATION

Source	No. of Projects	Support Level
STATE OF OHIO	2	\$ 92,310.00
INDUSTRIAL AND OTHERS	98	253,854.00
TOTALS	100	\$346,164.00

May 4, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

OFFICE OF BUSINESS AND ADMINISTRATION

State of Ohio Contract/Grant

\$8,756.85 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for Role and Practices for Leadership by Directors of Vocational Education, Department of Agricultural Education, March 1, 1979 through June 30, 1979.

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$2,500,000.00 - U. S. Department of Labor, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Center for Human Resource Research, Academic Faculty of Labor and Human Resources (H. S. Parnes and M. E. Borus), 1 October 1978 through 30 September 1979. (Project 760081 - Continuation)

\$605,000.00 - U. S. Department of Energy, Argonne, Illinois, High Energy Physics Studies, Department of Physics (T. A. Romanowski, K. Tanaka, W. W. Wada, and K. Reibel), 1 February 1978 through 31 January 1980. (Project 762116 - Continuation)

\$428,201.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Leukemia-Lymphoma Program, Department of Medicine (S. Balcerzak) and College of Pharmacy (L. Malspeis), 1 March 1979 through 28 February 1980. (Project 763982 - Continuation)

\$299,926.00 - U. S. Department of Labor, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Center for Human Resource Research, Academic Faculty of Labor and Human Resources (H. S. Parnes and M. E. Borus), 1 October 1978 through 30 September 1979. (Project 760081 - Continuation)

\$157,457.00 - Department of the Air Force, Air Force Office of Scientific Research, Washington, D. C., Research on Visual Flight Simulation: Assessment of Scene Complexity and Cue Validity, Department of Psychology (H. Shulman, P. Isaac, and D. Owen) and Department of Aviation (R. Gilson), 15 March 1979 through 30 September 1980. (Project 761566 - New)

\$153,675.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., Vocational Technical Education Leadership Development, Academic Faculty of Vocational-Technical Education (A. J. Miller) and Graduate School (J. B. LaPidus), 1 September 1979 through 31 August 1980. (Project 761272 - Continuation)

\$150,348.00 - National Science Foundation, Washington, D. C., Computer Science and Computer Engineering Research Equipment, Department of Computer and Information Science (L. J. White) and Instruction and Research Computer Center (R. F. Reeves), 1 April 1979 through 31 March 1980. (Project 761583 - New)

May 4, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$139,324.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Oncology Training Grant, Department of Medicine (S. P. Balcerzak), 1 July 1979 through 30 June 1980. (Project 761160 - Continuation)

\$135,369.00 - Environmental Protection Agency, Washington, D. C., Biological Adequacy and Toxicity of Selenium Compounds from Food and Water, Department of Pharmacology (D. Couri), 1 March 1979 through 29 February 1980. (Project 760973 - Continuation)

\$120,476.00 - U. S. Department of the Interior, Office of Water Research and Technology, Washington, D. C., Transport Properties of the Great Lakes Seiche-Affected River Mouths, Department of Civil Engineering (K. Bedford) and Center for Lake Erie Area Research (C. E. Herdendorf), 1 March 1979 through 30 September 1981. (Project 760930 - New)

\$110,997.00 - National Science Foundation, Washington, D. C., A System for Complex Image Synthesis and Real Time Display, Department of Art Education (C. A. Csuri), 1 February 1979 through 31 January 1980. (Project 760627 - Continuation)

\$105,196.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Biologically Important Carbohydrates, Department of Chemistry (D. Horton), 1 April 1979 through 31 March 1980. (Project 760025 - Continuation)

\$95,408.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Pharmacology of ICRF-159 Related Analogues, College of Pharmacy (D. T. Witiak), Cancer Research Center and Department of Microbiology (B. S. Zwilling), and Department of Veterinary Pathobiology (A. Koestner), 1 May 1979 through 30 April 1980. (Project 761586 - New)

\$90,528.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Nursing, Hyattsville, Maryland, Recruit, Select and Train Minorities - Graduation and Work, School of Nursing (E. Fritz), 1 March 1979 through 29 February 1980. (Project 761056 - Continuation)

\$84,000.00 - National Science Foundation, Washington, D. C., Liquid Helium at Low Temperatures, Department of Physics (D. O. Edwards), 1 April 1979 through 31 March 1980. (Project 761582 - Continuation)

May 4, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$80,189.00 - Department of Energy, Argonne, Illinois, Pulse Radiolysis Studies of Fast Reactions in Molecular Systems, Department of Chemistry (L. M. Dorfman), 1 February 1979 through 31 January 1980. (Project 762589 - Continuation)

\$74,105.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Diazo, Diazirino, Azoxy and Novel Meteroxycyclic Compounds, Department of Chemistry (H. Shechter), 1 April 1979 through 31 March 1980. (Project 762793 - Continuation)

\$69,796.00 - Department of the Navy, Naval Air Systems Command, Washington, D. C., Communication Application of Adaptive Arrays, ElectroScience Laboratory, Department of Electrical Engineering (R. T. Compton), 1 December 1978 through 31 March 1980. (Project 761559 - New)

\$64,685.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Deletions and Mitochondrial Genetic Recombination, Department of Genetics (P. S. Perlman and C. W. Birky), 1 April 1979 through 31 March 1980. (Project 764400 - Continuation)

\$54,538.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Cardiopulmonary Actions: Trimetoquinol Analogs, College of Pharmacy (D. D. Miller), 1 April 1979 through 31 March 1980. (Project 761574 - New)

\$54,257.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Therapy of Patients with Brain Tumors, Department of Surgery (W. E. Hunt), 1 November 1978 through 31 October 1979. (Project 760334 - Continuation)

\$53,827.00 - National Science Foundation, Washington, D. C., Physiology of Buoyancy Regulation, Department of Zoology (L. I. Greenwald), 1 March 1979 through 28 February 1981. (Project 761581 - New)

\$50,345.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Open Loop Forcing of Chest Volume and CO₂ Concentration, Department of Physiology (A. L. Kunz), 1 April 1979 through 31 March 1980. (Project 761572 - New)

\$49,000.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., Special Education Component in University Affiliated Program for Preparing Personnel from a Variety of Disciplines to Deal with Problems, Nisonger Center for Mental Retardation (V. W. Cotter), 1 June 1979 through 31 May 1980. (Project 760762 - Continuation)

May 4, 1979 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 Science Foundation, Washington, D. C., Diffractive Spectro-electrochemistry, Department of Chemistry (R. L. McCreery), 1 March 1979 through 29 February 1980. (Project 761560 - New)

\$44,246.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Plasmalogenase and White Matter Injury, Department of Physiological Chemistry (L. A. Horrocks), 1 April 1979 through 31 March 1980. (Project 761074 - Continuation)

\$42,775.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Nucleotidyl and Phosphotransferase Stereochemistry, Department of Chemistry (P. A. Frey), 1 April 1979 through 31 March 1980. (Project 761076 - Continuation)

\$42,465.00 - Department of Energy, Argonne, Illinois, Hydrogen Attack of Steel, Department of Metallurgical Engineering (P. G. Shewmon), 1 April 1979 through 31 March 1980. (Project 764386 - Continuation)

\$38,093.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Regulation of Lipogenesis by Polyunsaturated Fats, Department of Food Science and Nutrition (S. D. Clarke), 1 April 1979 through 31 March 1980. (Project 761079 - Continuation)

\$35,000.00 - Department of State, Agency for International Development, Washington, D. C., A Cooperative Agreement Between the Rural Development Office, Technical Assistance Bureau, Agency for International Development and Agricultural Economics and Rural Sociology, Department of Agricultural Economics and Rural Sociology (D. H. Boyne and D. A. Adams), 29 September 1978 through 28 September 1979. (Project 760927 - Continuation)

\$34,094.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Sugar Nucleotides and Analogs, Department of Biochemistry (E. J. Behrman), 1 April 1979 through 31 March 1980. (Project 760152 - Continuation)

\$33,625.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Intracellular pH and Myocardial Electropharmacology, Department of Pharmacology (P. B. Hollander), 1 March 1979 through 29 February 1980. (Project 760635 - Continuation)

May 4, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$33,553.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Hormones and Breast Cancer Prostaglandin Biosynthesis, Department of Surgery (J. P. Minton), 1 March 1979 through 29 February 1980. (Project 761413 - Continuation)

\$26,148.00 - National Science Foundation, Washington, D. C., Set Theory, Department of Mathematics (G. Sageev), 1 July 1979 through 30 June 1982. (Project 760802 - Continuation)

\$25,000.00 - U. S. Department of Agriculture, Science and Education Administration, New Orleans, Louisiana, Disappearing Disease of the Honey Bee, Department of Entomology (W. C. Rothenbuhler), 1 July 1979 through 30 June 1980. (Project 784758 - Continuation)

\$18,006.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Neuro-oncogenesis by Resorptive Carcinogens, Department of Veterinary Pathobiology (A. Koestner), 1 February 1979 through 30 April 1979. (Project 762762 - Continuation)

\$17,500.00 - U. S. Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, Chemical Characterization of the Antitumor Factor in the Clam *Mercenaria mercenaria*, Department of Chemistry (D. Horton), 1 March 1979 through 1 March 1980. (Project 760584 - Continuation)

\$15,000.00 - National Science Foundation, Washington, D. C., Equipment for Enhancing the Capability of a Numerical Cartography Laboratory, Department of Geography (H. J. Moellering), 15 March 1979 through 31 December 1979. (Project 761584 - New)

\$14,890.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Recent Advances in Middle Ear Effusion, Department of Otolaryngology (D. J. Lim), 1 April 1979 through 31 March 1980. (Project 761580 - New)

\$13,784.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Changes in the Organ of Hearing Produced by Sound, Department of Otolaryngology (D. J. Lim and W. Melnick), 1 February 1979 through 30 September 1979. (Project 760628 - Continuation)

\$9,890.00 - Department of the Air Force, Air Force Contract Management Division, Kirtland Air Force Base, New Mexico, Digitization, Calibration and Analyses of GFE Analog Data Tapes, ElectroScience Laboratory, Department of Electrical Engineering (C. A. Levis), 12 March 1979 through 30 September 1979. (Project 761565 - New)

May 4, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$9,157.00 - U. S. Department of Justice, Law Enforcement Assistance Administration, Washington, D. C., School of Public Administration (A. Lynn and E. Latessa), 1 April 1979 through 30 September 1979. (Project 761564 - New)

\$6,105.00 - National Science Foundation, Washington, D. C., Study of Chemically Modified Electrodes, Department of Chemistry (T. Kuwana), 15 March 1979 through 31 March 1981. (Project 761569 - New)

\$4,891.00 - National Science Foundation, Washington, D. C., Doctoral Dissertation Research in Systematics, Department of Botany (D. J. Crawford and R. K. Jansen), 15 March 1979 through 31 March 1981. (Project 761575 - New)

\$3,450.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Nursing, Hyattsville, Maryland, National Research Service Institutional Award, School of Nursing (B. J. Garvin) and Department of Communication (D. J. Cegala), 13 February 1979 through 12 February 1980. (Project 761027 - Continuation)

\$3,420.00 - National Science Foundation, Washington, D. C., Pliocene Glaciations in Southern Argentina, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot) and Institute of Polar Studies (J. H. Mercer), 1 May 1979 through 31 October 1979. (Project 760965 - Continuation)

\$1,500.00 - National Endowment for the Arts, Washington, D. C., Critics in Residence, University Gallery of Fine Arts (B. Collings), 5 May 1979 through 30 June 1979. (Project 761532 - New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS \$6,244,239.00

State of Ohio Research Contracts/Grants

\$40,187.00 - Ohio Board of Regents, Columbus, Ohio, Statewide Survey of Existing Educational Information Needs and Resources and a Feasibility Study for a Statewide Information System, National Center for Research in Vocational Education (R. E. Taylor), 12 February 1979 through 30 June 1979. (Project 761550 - New)

\$32,500.00 - The Ohio Program in the Humanities, Columbus, Ohio, The Prospects for Humanity: Light at the End of the Tunnel?, Telecommunications Center (M. Mottler), 9 March 1979 through 30 June 1979. (Project 761576 - New)

\$22,000.00 - State of Ohio, Energy Credits Advisory Committee, Columbus, Ohio, Assistance in Evaluating the Energy Credits Program, National Regulatory Research Institute (D. N. Jones), 15 August 1978 through 31 March 1979. (Project 761469 - New)

May 4, 1979 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)

\$9,305.00 - Ohio Youth Commission, Columbus, Ohio, Buckeye Youth Center Visual Response Project, Academic Faculty of Exceptional Children (W. L. Heward), 27 February 1979 through 30 June 1979. (Project 761517 - New)

\$8,567.00 - The Ohio Program for the Humanities, Columbus, Ohio, Community Discussion on World Affairs TV: Recognition of the People's Republic of China and the Cultural Potential of Broadening China Contacts, Center for International Studies (J. Adams) and Department of Political Science (B. Richardson), 1 April 1979 through 30 June 1979. (Project 761578 - New)

\$7,978.00 - State of Ohio, Department of Education, Columbus, Ohio, Teacher Preparation Instruction in Driver Education for the Handicapped, National Center for Research in Vocational Education (R. E. Taylor), 14 March 1979 through 30 September 1979. (Project 761567 - New)

\$1,304.00 - State of Ohio, Department of Transportation, Columbus, Ohio, The Transportation of Hazardous Materials: A Feasibility Study, National Center for Research in Vocational Education (R. E. Taylor), 1 February 1979 through 30 March 1979. (Project 761207 - Continuation)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$ 121,841.00

Industrial, Private and Other Non-Federal Research Contracts/Grants

\$119,461.00 - Tennessee State Department of Education, Nashville, Tennessee, Long Range Plans for the Maintenance of Vocational Education Equipment, National Center for Research in Vocational Education (R. E. Taylor), 15 March 1979 through 31 December 1979. (Project 761568 - New)

\$73,200.00 - Boeing Commercial Airplane Company, Seattle, Washington, Research Study on Reynolds Number Effect on the Combined Effects of Ailerons and Spoilers, Department of Aeronautical and Astronautical Engineering (J. D. Lee), 26 February 1979 through 3 May 1979. (Project 761555 - New)

\$72,569.00 - City of Columbus, Department of Community Services, Columbus, Ohio, Tutoring Developmentally Disabled Adults, College of Social Work (R. O. Washington and B. Cantrell), 1 November 1978 through 30 September 1979. (Project 711620 - Continuation)

\$43,736.00 - National Fund for Medical Education, Hartford, Connecticut, Pre-Clinical Instruction in Diagnostic Laboratory Utilization: The Effects of a Systematic Scheme for Ordering Laboratory Data, Department of Pathology (J. C. Neff), 1 July 1979 through 30 June 1981. (Project 761577 - New)

May 4, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$29,427.00 - The Parker B. Francis Foundation, Hanover, New Hampshire, Application for Fellowship in Pulmonary Research, Department of Medicine (M. E. Whitcomb), 1 July 1979 through 30 June 1980. (Project 761553 - New)

\$22,500.00 - World Health Organization, Human Reproduction Unit, Geneva, Switzerland, Characterization of the B-hCG Peptide Conjugate Immune Response in Baboons and Rabbits (Task Force on Immunological Methods of Fertility Regulation), Department of Medical Microbiology (R. W. Lang), 1 January 1979 through 31 December 1979. (Project 761529 - Continuation)

\$18,619.00 - Gates Learjet Corporation, Wichita, Kansas, Gates Learjet Wing-Body Interference Pressure Survey, Department of Aeronautical and Astronautical Engineering (G. Gregorek) and Department of Aviation (G. S. Weislogel), 22 February 1979 through 30 April 1979. (Project 761548 - New)

\$14,458.00 - American Cancer Society - Ohio Division, Inc., Cleveland, Ohio, Professional Education Materials Development Program, College of Medicine - Administration (J. B. Battles), 15 January 1979 through 31 December 1979. (Project 761557 - New)

\$12,000.00 - Columbus Metropolitan Area Community Action Organization, Columbus, Ohio, Columbus Metropolitan Area Community Action Organization - Counseling Intern Program, Academic Faculty of Special Services (J. J. Quaranta), 1 October 1978 through 30 June 1979. (Project 761453 - New)

\$10,000.00 - World Health Organization, Human Reproduction Unit, 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 1978 through 30 June 1979. (Project 760113 - Continuation)

\$9,254.00 - American Diabetes Association, Inc., New York, New York, Glucagon and Insulin Control of Liver Phosphofructokinase Activity, Department of Food Science and Nutrition (S. D. Clarke), 1 March 1979 through 29 February 1980. (Project 761562 - New)

\$3,500.00 - Greater Columbus Arts Council, Columbus, Ohio, "AM Columbus," Telecommunications Center (E. Young), 15 February 1979 through 14 February 1980. (Project 761544 - New)

\$1,319.00 - Portland State University, Portland, Oregon, Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 27 February 1979 through 31 March 1979. (Project 768004 - New)

May 4, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$700.00 - College of the Mainland, Texas City, Texas, Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 28 March 1979 through 31 March 1979. (Project 748012 - New)

\$400.00 - American Philosophical Society, Philadelphia, Pennsylvania, Learned Aversion to Soiled Bedding in Male Gerbils, Department of Psychology (T. F. Pettijohn), 1 April 1979 through 31 March 1980. (Project 761573 - New)

TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL CONTRACTS/GRANTS \$ 431,143.00

ENGINEERING EXPERIMENT STATION

State of Ohio Sponsored Research

\$46,800.00 - State of Ohio, Department of Transportation, Columbus, Ohio, for Implementation of a Pavement Design System, Extension 1, Department of Civil Engineering, March 1, 1979 through May 31, 1980. (EES 578)

Industrial and Other Supported Research

\$21,936.00 - Battelle Memorial Institute, Columbus, Ohio, for the Development of an Analytical Method for Determining the Static Configuration of Deep Offshore Pipelines During Abandonment and Recovery, Department of Mechanical Engineering, March 2, 1979 through February 2, 1980. (EES 589)

\$10,000.00 - Columbia Gas System Service Corporation, Columbus, Ohio, for Participating Industry Research and Development Program in Solar Energy Recovery, Department of Mechanical Engineering, July 15, 1978 through July 14, 1979. (EES 510).

TOTAL - INDUSTRIAL AND OTHER SUPPORTED RESEARCH \$ 31,936.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$100,000.00 - KTK Associates, Columbus, Ohio, (given in the names of John W. Kessler and Austin E. Knowlton), for the University Activities Center Fund.

\$37,900.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund.

May 4, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$28,590.00 - Eli Lilly and Company, Indianapolis, Indiana: \$19,990.00 for the Clinical Pharmacology of Dobutamine-Eli Lilly Company and \$8,600.00 for the Infectious Disease Research Fund.

\$22,000.00 - Columbus Jewish Federation, Columbus, Ohio, (given in the name of Florence Melton), for the Florence Melton Discovery Group Project.

\$21,137.62 - Systems Associates, Columbus, Ohio, (given in the name of Albert J. Kolibash): \$12,000.98 for the Cardiology Support Fund and \$9,136.64 for the Department of Medicine General Fund.

\$20,000.00 - The Upjohn Company, Kalamazoo, Michigan: \$15,000.00 for the Upjohn Company Graduate Training Fellowship Fund in the Department of Veterinary Pathobiology and \$5,000.00 for the Upjohn Company-Magnus Fund.

\$19,056.00 - Battelle Memorial Institute, Columbus, Ohio: \$14,056.00 for the WOSU Support Fund and \$5,000.00 for the Mechanical Engineering Coal Combustion Laboratory Fund.

\$18,998.57 - Retinal Consultants, Inc., Columbus, Ohio: \$15,450.89 for the Retina Research Fund and \$3,547.68 for the Ophthalmology Photography Fund.

\$18,910.00 - Arby's Inc., Youngstown, Ohio, for the Animal Science Special Fund.

\$15,558.02 - The University Obstetricians & Gynecologists, Columbus, Ohio, (given in the names of Elizabeth Boutselis, Belinda Bryan, William Copeland, Jr., Garth Essig, Moon Kim, Richard O'Shaughnessy, William Rigsby, Roberto Villalon, Nicholas Teteris, Helen Williams, Kathryn Jane Zuspan, Mary Jane Zuspan, and Mark Zuspan), for the EPR-OBS Fund.

\$10,050.00 - Laserplane Corporation, Dayton, Ohio, for the Overholt Drainage Education and Research Fund in Agricultural Engineering.

\$10,000.00 - Alcoa Foundation, Pittsburgh, Pennsylvania, for the Affirmative Action Program in Engineering Fund.

\$10,000.00 - Delbey Research Corporation, Florham Park, New Jersey, for the Infectious Disease Research Fund.

\$10,000.00 - Paul Ecke Poinsettias, Encinitas, California, (given in the name of Elizabeth Ecke), for the D. C. Kiplinger Chair in Floriculture.

May 4, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$9,000.00 - Perinatal Seminars, Inc., Columbus, Ohio, (given in the names of Boutselis, Bryan, Copeland, Jr., Essig, Kim, O'Shaughnessy, Rigsby, Villalon, Teteris, Williams, Kathryn Jane Zuspan, Mary Jane Zuspan, and Mark Zuspan), for the EPR-DBS Fund.

\$7,843.00 - The Charles F. High Foundation, Bucyrus, Ohio, for the Charles F. High Foundation Scholarship Fund.

\$7,500.00 - Amoco Foundation, Inc., Chicago, Illinois: \$6,000.00 for the Distinguished Teachers Awards Fund and \$1,500.00 for the University Relations Fund.

\$6,635.00 - Bell Laboratories, Columbus, Ohio: \$6,325.00 for the Bell Telephone Teaching and Research Fund and \$310.00 for the Affirmative Action Program in Engineering Fund.

\$5,756.00 - The Grace High Washburn Trust, Bucyrus, Ohio, for the Grace High Washburn Trust Scholarship Fund.

\$5,550.00 - Antique Show Receipts, Columbus, Ohio, (given in the name of Jo Failer), for the Presidents Club Special Fund.

\$5,000.00 - Cleveland Institute of Electronics, Cleveland, Ohio, (given in the name of John D. Drinko), for the Ohio 4-H Club Foundation Fund.

\$5,000.00 - Elano Corporation, Xenia, Ohio, (given in the name of John E. Craine), for the Agricultural Research Fund.

\$5,000.00 - Honeywell Corporation, Bloomington, Minnesota, for the Mechanical Engineering Coal Combustion Laboratory Fund.

\$5,000.00 - Lawrence County Commissioners, Ironton, Ohio, for the Canter's Cave 4-H Camp Fund.

\$5,000.00 - Occidental Research Corporation, Irvine, California, for the Mechanical Engineering Coal Combustion Laboratory Fund.

\$5,000.00 - Mrs. Carole R. Poirier, Columbus, Ohio, for the Hematology and Cancer Research Fund.

May 4, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds

The Stephen Brock Memorial Scholarship

The Stephen Brock Memorial Scholarship was established May 4, 1979, 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 Stephen Brock, B.S.Agr. '71.

All gifts are to be invested in the University's Permanent Endowment Fund under the 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 who have junior or senior academic rank majoring in Agricultural Economics and Rural Sociology or Agricultural Education, and who demonstrate or express an interest in improving the quality of life in rural communities. Whenever possible, additional weight shall be given to candidates who are members of the Delta Theta Sigma fraternity of which Stephen Brock was a member. The selection of the recipient is to be made by the University Scholarship Committee on Student Financial Aids upon the recommendation of a selection committee appointed by the Dean of the College of Agriculture and 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 in the College of Agriculture and Home Economics as determined by the Board of Trustees, with preference being given to recommendations from the Dean of the College.

The Cincinnati Kennel Club Veterinary Student Scholarship Fund

The Cincinnati Kennel Club Veterinary Student Scholarship Fund was established May 4, 1979, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the Cincinnati Kennel Club, Inc.

All gifts are to be invested in the University's Permanent Endowment Fund, under the 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 for a student who has a demonstrated need for financial assistance and who is interested in small animal medicine and surgery. The student should have intentions of becoming a small animal practitioner. In the selection of the recipient, preference is to be given to students from southwest Ohio. The selection of the recipient is to be made upon recommendation of the Dean of the College of Veterinary Medicine.

May 4, 1979 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 Cincinnati Kennel Club Veterinary Student Scholarship Fund (contd)

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 Veterinary Medicine education.

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EMPLOYMENT OF ARCHITECT/ENGINEER

SAWTOOTH REPLACEMENT, PHASE I
(Johnston Laboratory Remodeling)

Resolution No. 79-127

Synopsis: Employment of architect/engineer for renovation in Johnston Laboratory, "Sawtooth" portion of McPherson Chemistry Laboratory, is presented for approval.

WHEREAS the "Sawtooth" portion of McPherson Chemistry Laboratory, which was built in 1922, has deteriorated to the point where renovation is untenable and operating and maintenance costs are prohibitive, and where safety provisions are difficult to maintain; and

WHEREAS it is anticipated that the General Assembly will appropriate funds for replacement of this laboratory in the 1979-1981 Biennium; and

WHEREAS this requires that current activities in the "Sawtooth" be relocated and the building demolished before construction of the replacement can begin; it is proposed that preparation of contract documents be started at this time for remodeling approximately 6,300 square feet of space in Johnston Laboratory to accommodate relocating research activities now in the "Sawtooth"; and

WHEREAS an additional architectural firm will be selected to prepare contract documents for the "Sawtooth Replacement, Phase II" upon receipt of the newly appropriated funds for the "Sawtooth" replacement project with construction work to proceed immediately:

NOW THEREFORE

BE IT RESOLVED, That the firm of William W. Gillfillen, Architect, of Columbus, Ohio, be employed to provide architectural services for this initial Phase I of the total project which will include preliminary plans, basic drawings, specifications, estimate of cost and necessary bidding documents; and

May 4, 1979 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER (contd)

**SAWTOOTH REPLACEMENT, PHASE I (contd)
(Johnston Laboratory Remodeling)**

BE IT FURTHER RESOLVED, That the fee for this service be negotiated between the firm and the Department of Administrative Services, Division of Public Works, with the total project estimate of cost being \$520,000 for "Sawtooth Replacement, Phase II," to be funded by the newly appropriated funds anticipated for 1979-1981, and the planning fee established for "Phase I" is \$30,000, which will be provided from Budget Account 885076.

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

UNIVERSITY AIRPORT, APRON AND RUNWAY IMPROVEMENTS

Resolution No. 79-128

Synopsis: Employment of architect/engineer for resurfacing and improvements of deteriorated pavement for a portion of the runways and aprons at University Airport.

WHEREAS the University Airport main terminal apron and runway 5/23 pavement surfaces are deteriorated, due to the excessively bad weather occurring during the past two winters, and are in critical need of repairs; and

WHEREAS the main terminal apron also requires enlarging to provide increased parking for both transient and based aircraft; and

WHEREAS the Department of Aviation has secured a \$521,456 grant from the Federal Aviation Administration's Airport Development Aid Program to fund these improvements:

NOW THEREFORE

BE IT RESOLVED, That the firm of Grindle and Bender, Ashland, Ohio, be employed to provide complete engineering services for this project, including preliminary plans, basic drawings, working drawings, specifications, estimates of cost, necessary bidding documents, and supervision of the work; and

BE IT FURTHER RESOLVED, That the fee for this service be negotiated between the firm and the Department of Administrative Services, Division of Public Works, with the total project cost being \$521,456 financed by the Federal Aviation Administration's Airport Development Aid Program.

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

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May 4, 1979 meeting, Board of Trustees

PLANS AND SPECIFICATIONS

Resolution No. 79-129

Synopsis: Plans and specifications are being proposed for three projects.

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

UNIVERSITY AIRPORT, APRON AND RUNWAY IMPROVEMENTS

Project: Pavement resurfacing and improvements for a portion of the runways and aprons at the University Airport.

Funding: Federal Aviation Administration Grant

Estimated Project Cost: \$521,456.00

OHIO STADIUM--REPLACE ARTIFICIAL TURF

Project: Replace all artificial turf in the Ohio Stadium including a new pad under playing field area. Alternate bids will also be taken to place turf and pad in the French Field House, repair and reglue existing turf on the Biggs Athletic Facility field.

Funding: Department 5414, Budget Account 316550 (Athletic Revenue)

Estimated Project Cost: \$485,850.00

PARKING LOT REPAIRS--MAIN CAMPUS, VARIOUS LOCATIONS

Project: Parking lot repairs--Goss Laboratory--West Lot and Drive, East Baker, ElectroScience, Food Facility, Law Building, and University College--East Lot.

Funding: Budget Account 885071 (Parking Revenues)

Estimated Project Cost: \$188,750.00

NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimates of cost for the foregoing projects be approved; that the Purchasing Department of the University be authorized to proceed with the solicitation of bids for the project designated "Ohio Stadium--Replace Artificial Turf" in accordance with normal procedures of said department,

May 4, 1979 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

pursuant to authorization from the Department of Administrative Services, Division of Public Works; and that the President and/or Acting Vice President for Business and Administration be authorized to sign the plans and specifications for the remaining three 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 Mr. Devenow, 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 FUND**

Resolution No. 79-130

Synopsis: Contracts have been awarded for one project to the lowest and best bidders in accordance with University procedures.

WHEREAS a resolution adopted by the Board of Trustees at a previous meeting 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 project:

SISSON HALL IMPROVEMENTS

Description: Create needed research laboratories and faculty offices for the College of Veterinary Medicine.

General Contract

Date Received:	March 27, 1979
No. of Bids:	4
Low Bid:	\$ 53,400.00*

*General contract bid in excess of the filed estimate of cost; however, the total price of all contracts is within 10 per cent of the total estimate of cost and the contract therefore is being recommended for award as provided by Section 153.12 of the Ohio Revised Code.

May 4, 1979 meeting, Board of Trustees

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

SISSON HALL IMPROVEMENTS (contd)

General Contract (contd)

High Bid:	\$ 68,700.00
Estimate of Cost:	\$ 37,809.00
Awarded to:	Ed Ross Construction Company (Columbus, Ohio)

Plumbing Contract

Date Received:	March 27, 1979
No. of Bids:	5
Low Bid:	\$ 24,580.00**
High Bid:	\$ 34,678.00**
Estimate of Cost:	\$ 42,628.00**
Awarded to:	Giehl, Inc. (Columbus, Ohio)

Heating and Ventilating Contract

Date Received:	March 27, 1979
No. of Bids:	4
Low Bid:	\$ 71,560.00**
High Bid:	\$ 82,800.00**
Estimate of Cost:	\$107,038.00**
Awarded to:	Giehl, Inc. (Columbus, Ohio)

Electrical Contract

Date Received:	March 27, 1979
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**Recommended alternates reflected in these totals.

May 4, 1979 meeting, Board of Trustees

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

SISSON HALL IMPROVEMENTS (contd)

Electrical Contract (contd)

No. of Bids:	3
Low Bid:	\$ 26,510.00**
High Bid:	\$ 33,240.00**
Estimate of Cost:	\$ 46,794.00**
Awarded to:	Demos Electric Co. (Columbus, Ohio)

Laboratory Equipment Contract

Date Received:	March 27, 1979
No. of Bids:	2
Low Bid:	\$ 59,310.00**
High Bid:	\$ 59,928.00**
Estimate of Cost:	\$ 50,140.00**
Awarded to:	Kewaunee Scientific Equipment Corp. (Adrian, Michigan)

Total All Contracts: \$235,360.00

Total Contingency Allowance: \$ 7,658.40 which is 3 per cent of construction costs

Total Project Cost: \$290,000.00

Funding: H.B. 618, Utilities and Renovation (1977-79 Biennium)

**Recommended alternates reflected in these totals.

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 a contingency fund for the project listed above are hereby reported.

Upon motion of Mr. Devenow, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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May 4, 1979 meeting, Board of Trustees

**TRANSFER OF JURISDICTION OF 9.9 ACRES OF LAND IN COSHOCTON COUNTY
FROM STATE OF OHIO (THE OHIO STATE UNIVERSITY) TO THE
OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER**

Resolution No. 79-131

Synopsis: Transfer of jurisdiction of 9.9 acres of land in Coshocton County from State of Ohio (The Ohio State University) to the Ohio Agricultural Research and Development Center, for utilization in the Center's research program, is being proposed.

WHEREAS the State of Ohio for the Board of Trustees of The Ohio State University in 1941 purchased 9.9 acres of land located in the Townships of White Eyes and Crawford, Coshocton County, Ohio for use by the Civil Engineering Department Summer Survey Camp; and

WHEREAS the Summer Survey Camp is no longer an academic requirement in the program leading to an undergraduate degree in civil engineering; and

WHEREAS said land is located in the center of the facilities at the North Appalachian Experimental Watershed, which is under joint management by the Ohio Agricultural Research and Development Center, United States Department of Agriculture, and the Agricultural Research Service, and which conducts research vital to the development of soil and water management and conservation; and

WHEREAS it is the desire of the University and the Ohio Agricultural Research and Development Center that the land be used for research programs at the Center; and

WHEREAS the appropriate University departments have recommended that jurisdiction of the 9.9 acres of land, currently leased to the United States Department of Agriculture, be transferred to the Ohio Agricultural Research and Development Center for use in accordance with the provisions of sections 903.01 and 903.02, Ohio Revised Code:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to request the Department of Administrative Services, Director of Public Works, pursuant to his statutory duties, to act for and on behalf of the University to prepare and process the necessary instruments to provide for a transfer of jurisdiction for said land from The Ohio State University to the Ohio Agricultural Research and Development Center.

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

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May 4, 1979 meeting, Board of Trustees

EASEMENTS - CITY OF UPPER ARLINGTON

Resolution No. 79-132

Synopsis: Renewal of right-of-way easements for City of Upper Arlington.

WHEREAS legal counsel for the University initiated legal action against the City of Upper Arlington to enjoin collection of assessments for street improvements for widening of Tremont and Kenny Roads and to strike the assessments from the tax rolls; and

WHEREAS as a result of said action, the City of Upper Arlington has agreed to sign a consent decree ordering the County Auditor and Treasurer to strike from the tax list and tax duplicate all of the special assessments, interest and penalties levied against the University for the Fishinger, McCoy, Kenny and Tremont Road improvements on condition that the University grant renewal of certain easements originally granted for these projects; and

WHEREAS the appropriate University agencies have recommended that the following easements be renewed for an additional fifteen (15) year period:

1. Easement granted December 12, 1961, for widening of McCoy Road from Lyon Drive to Kenny Road;
2. Easement granted December 6, 1960, for construction, operation, maintenance, repair and replacement of Turkey Run Sanitary Sewer (east property line of The Ohio State University Golf Course approximately 1,500 feet south of the intersection of McCoy Road and Kenny Road and extending in a westerly direction to a point of ending, located on the west property line of said tract of land said point being southerly approximately 2,300 feet from the northwest corner of said tract);
3. Easement on Fishinger Road adjacent to The Ohio State University Golf Course.

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to request the Department of Administrative Services, Director of Public Works, pursuant to his statutory duties, to act for and on behalf of the University to prepare the necessary instruments to provide for said easement renewals.

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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May 4, 1979 meeting, Board of Trustees

**AGREEMENT WITH BUSINESS TELEPHONE SYSTEMS, INC., FOR
INSTALLATION OF AN ELECTRONIC TELEPHONE SYSTEM TO
REPLACE CENTREX SYSTEM IN UNIVERSITY HOSPITALS**

Resolution No. 79-133

Synopsis: University Hospitals enter into an agreement with Business Telephone Systems, Inc., for the purchase of an electronic telephone system to replace the current Centrex System.

WHEREAS University Hospitals current and future telephone needs were reviewed by the management consulting firm, Benton, Schneider & Associates, Inc., who recommended utilization of an electronic telephone system over expansion of the current Centrex System; and

WHEREAS bids were solicited in accordance with specifications developed by University Hospitals, University Purchasing Department, and Benton, Schneider & Associates, Inc.; and

WHEREAS bid invitations were sent to four vendors, which resulted in three bid proposals from Business Telephone Systems, Ohio Bell, and Electronic; and

WHEREAS the Office of Business and Administration and the University Hospitals, along with Benton, Schneider & Associates, Inc., reviewed the bids and recommended that the University purchase Business Telephone Systems Northern Telecom SL-1 system since the cost of the electronic system was lower than the cost of expanding the current Centrex System in University Hospitals; and

WHEREAS the telephone equipment purchase plan has been reviewed by the Ohio Department of Health, and the expenditure has been approved under the appropriate Federal guidelines:

NOW THEREFORE

BE IT RESOLVED, That the Acting Vice President for Business and Administration be authorized to negotiate and enter into a contract on behalf of the University with Business Telephone Systems, Inc., of Columbus, Ohio, for the purchase and installation of a Northern Telecom SL-1 system in University Hospitals to provide telephone service in the newly constructed Rhodes Hall and to replace the Centrex System in use in the Hospitals at this time.

Upon motion of Dr. Jacob, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution with eight affirmative votes and Mr. Galbreath abstained from voting.

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REVISION OF STUDENT HEALTH INSURANCE

Resolution No. 79-134

Synopsis: Revision of the Student Health Insurance Program with Mutual of Omaha is recommended.

May 4, 1979 meeting, Board of Trustees

REVISION OF STUDENT HEALTH INSURANCE (contd)

WHEREAS on March 3, 1978, this Board awarded a two-year renegotiated contract (effective Autumn Quarter, 1978) to Mutual of Omaha to provide Student Health Insurance; and

WHEREAS the renegotiated contract, as stipulated by the Subcommittee on Student Insurance of the Council on Student Affairs, provided additional benefits and changed the maternity benefit from immediate coverage to coverage effective only after the payment of three quarters of premiums; and

WHEREAS after consideration of the desires and concerns of the students who purchase this insurance, the Student Insurance Subcommittee has subsequently made the recommendation, ratified by the full Council on Student Affairs, that the maternity benefit be changed again to provide immediate maternity coverage; and

WHEREAS such revised student health insurance coverage will be available on an optional basis to all registered students at the following premium schedule:

Classification	Quarterly Premium Rates
Student	\$ 32.00
Student and spouse	79.00
Student, spouse and children	119.00
Student and dependent child or children	72.00

NOW THEREFORE

BE IT RESOLVED, That Mutual of Omaha be awarded the renegotiated Student Health Insurance contract, effective the first day of classes, Autumn Quarter, 1979, for a period of one year. The contract will provide the benefit changes outlined above as well as those now available under the terms of the current contract.

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

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**THE MARION POWER SHOVEL COMPANY, INC.,
OPTION TO PURCHASE - EXTENSION**

Resolution No. 79-135

Synopsis: Option to purchase property is extended from March 31, 1979 to October 31, 1979.

WHEREAS The Ohio State University Development Fund was given a shopping center known as the Central Junior High School Grounds, located on the north side of West Center

May 4, 1979 meeting, Board of Trustees

**THE MARION POWER SHOVEL COMPANY, INC.,
OPTION TO PURCHASE - EXTENSION (contd)**

Street, and further described as 218-258 West Center Street, Marion, Ohio, by Mr. and Mrs. William Davis and son William C. Davis for the purpose of establishing The William H. Davis Professorship in the College of Administrative Science; and

WHEREAS The Ohio State University Development Fund is desirous of selling said property and realizing the maximum proceeds from said sale; and

WHEREAS The Marion Power Shovel Company, Inc., has executed a lease on a portion of said property and in said lease was granted an Option to Purchase said property in its original lease; and

WHEREAS said option expired on March 31, 1979, and The Marion Power Shovel Company has indicated an interest in purchasing said property and has requested that another option be granted to them to purchase said property:

NOW THEREFORE

BE IT RESOLVED, That The Marion Power Shovel Company, Inc., be granted an Option to Purchase said property according to the price and stipulations specified in a lease agreement dated March 29, 1976, between David-Marion Company, a partnership and itself, except that the option if exercised must cover the entire property described above and that the Option to Purchase shall expire at midnight of October 31, 1979.

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

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CLOSING COMMENTS

Dr. Sirak:

This will mark my last meeting as Chairman of the Board. I want you all to know that I have learned a great deal. I won't say that I have always enjoyed it. And the next meeting held here on June 7, in the Fawcett Center will mark the inauguration of Pat James as Chairman of the Board; and Pat, do you have anything you would like to say as a forewarning or of things to come?

Mrs. James:

Well, not exactly. I certainly look forward to the next academic year and I'll be depending on Dr. Enarson and members of the administration to keep things as uneventful and quiet as possible.

May 4, 1979 meeting, Board of Trustees

CLOSING COMMENTS (contd)

Dr. Sirak:

I also would like to remark that this will be Len Immke's last meeting. Len, I personally feel that this has been all too short. I hope you get a raincheck and thank you very much for your contribution that you did make in that brief period of time.

Mr. Immke: I enjoyed it.

Dr. Sirak: We enjoyed having you; I am sure I speak for all of us.

President Enarson:

I might report to both the outgoing chairman and the incoming chairlady/chairperson that I really do cherish the relationship with each and every one of you, but I, of necessity, have a very close relationship with whoever is the chairman, and I have enjoyed your support, your encouragement, your deserved criticism of me, and I look forward to the same thing.

--O--

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 79-136

RESOLVED, That the report on the University's Investment Portfolio, dated April 20, 1979, 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, June 7, 1979, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

Howard D. Sirak
Chairman

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APPENDIX IV

Degrees Conferred at

**THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION**

June 8, 1979

Page 558 is blank

The Recipients of Honors

Soichiro Honda Doctor of Humane Letters

Founder of the Honda Motor Company, Soichiro Honda has earned international recognition for his many contributions to automotive technology, to agricultural and transportation systems, and indeed, to the quality of life in his country. His career reflects the highest ideals upon which the land-grant university was founded and sets him apart as a leader in the world community of business.

Saul Krugman Doctor of Science

Eminent physician and alumnus, Saul Krugman is internationally recognized for his many efforts to improve the health of world populations. His research in pediatrics and virology has helped to bridge the gap between laboratory and patient. For his deep concern for the world community, he has earned the gratitude of the many whose lives he has bettered.

Walter F. Mondale Doctor of Laws

Distinguished public servant, Walter Mondale has insisted that the Vice President be much more than a silent partner, and in so doing has brought new distinction to that office. As Attorney General of Minnesota, United States Senator, and Vice President of the United States, he has fashioned a brilliant political career. Yet its lasting significance, as well as its future promise, are to be found in the essential humanness which has been the hallmark of his life as a public servant.

C. Radhakrishna Rao Doctor of Science

Renowned statistician, C. R. Rao is widely acknowledged among the world community of scholars as one of the world's foremost experts in his field. In the complex realms of statistics and higher mathematics, his research and scholarly writing have opened new doors of understanding. The statistical theories and applications that bear his name attest to the fundamental contributions he has made to this science and to the larger body of man's knowledge.



Walter F. Mondale
Vice President of the United States

The Ohio State University, in this its 268th Commencement ceremony, is deeply honored by the presence of the Vice President of the United States, Walter F. Mondale. The University is pleased to bestow upon Vice President Mondale its highest honor, the degree Doctor of Laws, *honoris causa*.

Harold L. Enarson
President

Graduate School

Dean: Jules B. Lapidus

Doctor of Musical Arts

Diana Ruth Duffin, Pikeville, Ky.; B.S. (Juilliard School of Music); M.Mus.; *Music*; Dr. Richard Tetley-Kardos

Mary Gilley Schiller, Eden, N. C.; B.M. (University of North Carolina); M.Mus.; *Music*; Dr. Marion R. Alch

Doctor of Philosophy

Mohamed Shawky Abdel-Rahman, Mansoura, Egypt; B.A. (Higher Institute of Agriculture); M.S.; *Pharmacology*; Dr. Daniel Couri

Emmanuel David Akpan, Uyo, Nigeria; B.A. (San Francisco State College); *Communication*; Dr. Robert R. Monaghan

ElFatih Mohamed Ali, Baghdad, Iraq; B.S. (University of Khartoum); M.S.; *Civil Engineering*; Dr. Tien H. Wu

Ibrahim Ismail Ali, Baghdad, Iraq; B.V.M. (University of Baghdad); M.S.; *Veterinary Physiology and Pharmacology*; Dr. Robert L. Hamlin

Hussam Hussein Al-Khatib, Beirut, Lebanon; B.S. (Florida Agricultural and Mechanical University); M.S.; *Electrical Engineering*; Dr. Thomas A. Seliga

Susan Beggs Baker, Houston, Tex.; B.B.A. (Baylor University); M.P.H. (University of Texas); M.S.; *Preventive Medicine*; Dr. Thomas N. Chirikos

Ricki Sue Bander, Bronx, N. Y.; B.A. (City College of New York); M.A.; *Psychology*; Dr. Richard K. Russell

Jayanta Banerjee, Bihar, India; B.Tech. (Indian Institute of Technology, Kharagpur); M.Tech. (Indian Institute of Technology, Kanpur); *Computer and Information Science*; Dr. David K. Hsiao

Rebecca Louise Banks, Ada; B.S. (University of Akron); M.A. (Kent State University); *Physical Education (Health Education)*; Dr. Seymour Kleinman

Steve Michael Barkin, Honesdale, Pa.; A.B. (Washington University); M.S. (Columbia University); *Communication*; Dr. Goodwin Berquist, Jr.

Roger Wayne Bartnick, Muncie, Ind.; B.S., M.A. (Ball State Teachers College); *Education*; Dr. Robert J. Silverman

C. Thomas Bell, Columbus; B.S., M.S.; *Animal Science*; Dr. George R. Wilson

William Barrett Benninger, Madison, N. J.; B.A., M.A.; *Psychology*; Dr. W. Bruce Walsh

Walter Octaviano Bernis, Minas Gerais, Brazil; Veterinário (Escola de Veterinária da Universidade Federal de Minas Gerais); M.S. (Texas Agricultural and Mechanical College); *Veterinary Clinical Sciences*; Dr. Milton Wyman

John Michael Bolland, Edmonds, Wash.; B.A. (University of Washington); M.A.; *Political Science*; Dr. Lawrence J. R. Hersov

Linda Ann Bott, Hudson; A.B. (Ohio University); M.A.; *Psychology*; Dr. Barbara Edmonson

William Earl Boys, Lexington; B.A., B.D. (Concordia Seminary College); *Linguistics*; Dr. Catherine A. Callaghan

Randal Lee Briggs, Woodville; B.S.E.E. (Ohio Northern University); M.S.; *Electrical Engineering*; Dr. Karl W. Olson

Donald George Bronn, Columbus; B.A., M.S.; *Zoology*; Dr. Wayne B. Parrish and Dr. John P. Minton

Joseph Dale Brownsmith, Lincoln, Neb.; B.A. (Creighton University); M.S. (University of Nebraska); *Computer and Information Science*; Dr. Thomas G. DeLutis

Donald W. Buchanan, Jr., Fostoria; B.S. (Oklahoma State University); M.S.; *Chemical Engineering*; Dr. Edwin E. Smith

Dale Eugene Buonocore, Columbus; B.S. (Ursinus College); M.A.; *Psychology*; Dr. Don M. Dell and Dr. Theodore J. Kaul

Edmund Robert Burke, Bronx, N. Y.; B.S., M.A. (Ball State University); *Physical Education*; Dr. Robert L. Bartels

Elizabeth Brooks Cadenhead, Red Wing, Minn.; A.B., A.M., A.M. (Stanford University); *Political Science*; Dr. Chadwick F. Alger

Luen Charm Chan, Kowloon, Hong Kong; B.E.E. (University of Dayton); M.S.; *Electrical Engineering*; Dr. David L. Moffatt

Dwayne Eugene Channell, Senecaville; B.S.Ed., M.A.; *Education*; Dr. Richard J. Skumway

Inn Gui Choi, Seoul, Korea; B.E. (Hanyang University); M.S.; *Mechanical Engineering*; Dr. Seppo A. Korpela

Nick Edward Christians, Kanawha, Ia.; B.S. (Colorado State University); M.S.; *Agronomy*; Dr. David P. Martin

Dianne Elizabeth Cnich, Canton; B.S. (Kent State University); M.A.; *Physical Education (Health Education)*; Dr. Mary K. Beyer

Marie Ethel Collart, McKeesport, Pa.; B.S.Nur., M.S.; *Education*; Dr. Robert W. Wagner

Jeffrey Wayne Cox, Columbus; B.S. (University of Missouri, Kansas City); *Physiological Chemistry*; Dr. Lloyd A. Horrocks

Carla Sue Crook, Manhattan, Kans.; B.S., M.S. (Kansas State University); *Home Economics*; Dr. Julia I. Dalrymple

David Charles Deal, Hobart, Ind.; A.B. (Indiana University); M.A.; *Psychology*; Dr. Don M. Dell

Patricia Atchison DeVore, Columbus; B.S., M.A.; *Education*; Dr. Virgil E. Blanke

Frederick Joseph Dickey, Westerville; B.S., M.S.; *Computer and Information Science*; Dr. H. William Butteltmann

Carol Ann Dickson, Clayton, Mo.; B.S. (Fontbonne College); M.S.; *Home Economics*; Dr. Lois E. Dickey

Linda Susan Schnull Dillon, Cicero, Ill.; B.S. (Iowa State University); M.S. (University of North Carolina); *Education*; Dr. Aaron J. Miller and Dr. Anthony A. Olinzock

Karl Von Ebner, Lafayette; B.S.; *Pharmacology*; Dr. Daniel Couri

Shaaban Fouad El-Naggar, Alexandria, Egypt; Bachelor, M.S. (University of Alexandria); M.S.; *Pharmacy*; Dr. Raymond W. Doskotch

Mark Norman Emly, Dell Rapids, S. D.; B.S. (South Dakota State University); *Chemistry*; Dr. Daniel L. Leussing

Larry Steven Fowell, Columbus; B.S., M.A. (West Virginia University); *Education*; Dr. William Moore, Jr.

Robert Mark Fischbach, Xenia; B.A. (University of Vermont); M.S. (Illinois State University); *Communication*; Dr. Donald J. Cogala

Carolyn F. Fitzgerald, Potomac, Md.; B.S. (University of Maryland); M.A.; *Psychology*; Dr. Samuel H. Osipow

Virgil Randall Flora, Columbus; B.S. (Marietta College); M.A.; *Education*; Dr. Charles M. Galloway

James Gillen Fox, Bryan; B.S.Ed.; M.S.; *Horticulture*; Dr. Wilbur A. Gould

Suguru Furuichi, Tokyo, Japan; B.A. (Waseda University); M.P.E. (Juntendo University); *Physical Education*; Dr. Robert L. Bartels

Mohd. Zaki Ghazalli, Wageningen, Netherlands; B.S. (MacDonald College of McGill University); M.S. (Agricultural University); *Agronomy*; Dr. George S. Taylor

Margaret Ann Goode, Columbus; B.S., M.S.; *Education*; Dr. James V. Wigtli

Charles Joseph Gross, Westerville; B.A.; M.A. (Utah State University); *History*; Dr. Allan R. Millett

Carolyn Dupree Haessig, Cincinnati; B.S.H.Ec. (University of Cincinnati); M.P.W. (University of California, Berkeley); *Home Economics*; Dr. Virginia M. Vivian

Bradford Lee Hair, Atwater, Calif.; B.S., M.S. (Clemson University); *Horticulture*; Dr. Wilbur A. Gould

Michael Paul Hallden-Abberton, Westbury, N. Y.; B.A. (State University of New York at Potsdam); *Chemistry*; Dr. Gideon A. Fraenkel

Jack Lee Hamilton, Ithaca, N. Y.; B.S.Ed., M.A.; *Education*; Dr. Richard N. Pratte

James Enrich Hamos, Cleveland; B.A. (University of Pennsylvania); *Anatomy*; Dr. James S. King

Robert Baldwin Harris, Sandy Hook, Conn.; B.A., M.A.; *Economics*; Dr. Frederick D. Stocker

Rodney Alan Hathaway, Columbus; M.S.; *Physiological Optics*; Dr. Richard M. Hill

Robert William Henry, New Albany; D.V.M., M.S.; *Veterinary Anatomy*; Dr. Charles D. Diesem

Steven Kendall Holloway, Columbus; B.A., M.A.; *Political Science*; Dr. James E. Harf

William Lee Howard, Columbus; B.S., M.S.; *Education*; Dr. Donald J. Tosi

- Harry Hammond Howarth, III, Columbus; B.A., B.S.Ed., M.A.; *Psychology*; *Dr. Donald R. Meyer*
- Fu-Chuan Hsing; B.A. (National Cheng Chi University); M.A. (College of Chinese Culture); *History of Art*; *Dr. John C. Huntington*
- Mei-Ying Huang, Taipei, Taiwan; B.S., M.S. (National Taiwan University); *Pharmacy*; *Dr. Robert E. Notari*
- Pamela Iris Hunter, High Point, N. C.; A.B. (Livingstone College); M.Ed. (University of North Carolina); *Education*; *Dr. Charles H. Wolfgang*
- Marcia Lynn Hurlow, Mount Vernon; B.A. (Baldwin-Wallace College); M.A.; *Education*; *Dr. Donald R. Bateman*
- Krishnan M. Iyer, Columbus; B.Tech. (Indian Institute of Technology, Madras); M.Tech. (Indian Institute of Technology, Kanpur); *Engineering Mechanics*; *Dr. Arthur W. Leissa*
- Jeffrey Ned Kahn, Great Neck, N. Y.; B.S. (Rensselaer Polytechnic Institute); *Mathematics*; *Dr. Dijen K. Ray-Chaudhuri*
- Miriam Steinitz Kannan, Quito, Ecuador; B.A. (Rider College); *Zoology*; *Dr. Paul A. Colman*
- Ezatollah Karami, Shiraz, Iran; B.Sc. (Pahlavi University); M.Ed. Ag. (Pennsylvania State University); *Agricultural Education*; *Dr. Robert W. McCormick*
- Safwan Abbas Hassan Khedr, Dokky, UAR; B.Eng. (Cairo University); M.S.; *Civil Engineering*; *Dr. Kamran Majidzadeh*
- Kathleen Estelle Kiefer, Dayton; B.A. (University of Dayton); M.A.; *English*; *Dr. James L. Battersby, Jr.*
- Uh-Chul Kim, Seoul, Korea; B.S. (Seoul National University); M.S.; *Metallurgical Engineering*; *Dr. Roger W. Staehle*
- Gopalakrishna Rao Kodali, Andhra Pradesh, India; B.E. (Osmania University); M.Tech. (Indian Institute of Technology, Kharagpur); M.S. (University of California, Berkeley); *Industrial and Systems Engineering*; *Dr. William T. Morris*
- Michael Raymond Leippe, Rochester, N. Y.; B.A. (University of Rochester); M.A.; *Psychology*; *Dr. Anthony G. Greenwald*
- Clair Roger LeMasters, Miles, Va.; B.S. (West Virginia Institute of Technology); M.A. (West Virginia University); *Education*; *Dr. Donald G. Luz*
- Robert William Lent, Brooklyn, N. Y.; B.A. (State University of New York at Albany); M.A.; *Psychology*; *Dr. Richard K. Russell*
- Sharon Ann Lesner, Lorain; B.A. (Hiram College); M.A. (Kent State University); M.A. (Wayne State University); *Communication*; *Dr. Edward J. Hardick*
- Kathleen Nelson Lewis, Columbus; B.A., M.A.; *Psychology*; *Dr. W. Bruce Walsh*
- Sam H. T. Liao, Columbus; B.S. (Tungshai University); *Pharmacy*; *Dr. Alfred E. Staubus*
- Helen Roth Lupidi, Keyser, W. Va.; B.A., M.S.; *Agricultural Economics and Rural Sociology*; *Dr. G. Howard Phillips*
- John James Lynch, Jr., Worthington; B.S. (Valparaiso University); M.S.; *Microbiology*; *Dr. Frank W. Chorprenning*
- Margaret Dunnigan Lynn, Columbus; B.S., M.S.; *Home Economics*; *Dr. Rachel M. Hubbard*
- Roy Coleman Major, Columbus; B.A. (University of Akron); M.A. (University of Arizona); M.A.; *Linguistics*; *Dr. David L. Stampe*
- Bruce Edward Maley, Dayton; B.S. (Wright State University); *Anatomy*; *Dr. James S. King*
- Paul Michael Mangiamoli, Bronx, N. Y.; B.S., M.B.A.; *Business Administration*; *Dr. LeRoy J. Krajewski*
- Curtis Eugene Martin, Abbeville, S. C.; B.S. (Ashland College); M.A.; *Physical Education*; *Dr. Charles L. Mand*
- Joelle Mast, Elizabeth, N. J.; A.B. (Smith College); M.A.; *Psychology*; *Dr. Delos D. Wickens*
- Merl Floyd McBride, Ashland; B.M.E., M.S.; *Mechanical Engineering*; *Dr. Charles F. Sepsy*
- Edwin P. McClain, Jr., Dayton; B.A., M.A.; *Political Science*; *Dr. Chadwick F. Alger*
- Horace Pitman McNeal, Jr., Columbus; B.A. (Furman University); M.A. (University of Georgia); *Music*; *Dr. Burdette L. Green*
- William Eugene McRae, Dallas, Tex.; B.A. (Millsaps College); M.Th., M.F.A. (Southern Methodist University); *Education*; *Dr. Paul R. Klohr*
- Samia Mohamed Metwalli, Cairo, Egypt; B.S. (Ain Shams University); M.A.; *Education*; *Dr. Harold C. Trimble*
- Gary John Milczarek, Salt Lake City, Utah; B.A., M.A. (University of Utah); *Education*; *Dr. Robert R. Bargar*
- Patrick Pel-Yung Moh, Columbus; B.S.; *Physiological Chemistry*; *Dr. James O. Allen*
- Gunther Alfred Mueller, Vineland, N. J.; B.A., M.A. (West Virginia University); *Education*; *Dr. Gilbert A. Jarvis*
- Jean Louise Muthard, Gainesville, Fla.; B.S. (University of Florida); *Chemistry*; *Dr. Leo A. Paquette*
- S. Lakshmi Narasimhan, Madras, India; B.Sc. (University of Madras); M.Sc. (Indian Institute of Technology, Madras); *Chemistry*; *Dr. John S. Swenton*
- Udodiri Paul Sonde Okafor, Madison, Wis.; Diploma (Ahmadu Bello University); M.S. (University of Wisconsin); *Physical Education*; *Dr. Donald D. Harper*
- Tom Okello Oloya, Gulu, Uganda; B.S., M.S. (Cornell University); *Agronomy*; *Dr. Terry J. Logan and Eugene O. McLean*
- Deborah H. Panitch, Nassau, N. Y.; A.B. (Cornell University); M.E. (Tufts University); *Psychology*; *Dr. Charles Wenar*
- Terri Goldberg Paul, Columbus; A.B. (Washington University); M.A.; *English*; *Dr. Christian K. Zacher*
- Joanne Luckino Petrick, Columbus; A.B. (Saint Mary of Spring College); M.A.; *English*; *Dr. Daniel R. Barnes*
- Chester Piotrowski, El Paso, Tex.; B.S. (Michigan State University); M.S.; *Physics*; *Dr. James T. Tough*
- William Anthony Quinn, Paramus, N. J.; B.A. (Xavier University); M.A.; *English*; *Dr. Christian K. Zacher*
- Shahran Rahmani, Tehran, Iran; B.S., M.S. (University of Tehran); *Electrical Engineering*; *Dr. Frank C. Weimer*
- David Edwin Rathke, Storrs, Conn.; B.S. (Iowa State University); *Environmental Biology*; *Dr. Clarence E. Taft and Karlis Svanks*
- John Frederick Reichart, Albertson, N. Y.; B.A. (Manhattan College); M.A.; *Political Science*; *Dr. Charles F. Hermann*
- George William Reinhardt, Xenia; E.E. (University of Cincinnati); M.S.; *Electrical Engineering*; *Dr. Stuart A. Collins, Jr.*
- Hycinth Elaine Rodney, Clarendon, Jamaica; Diploma (Bethlehem Teacher's College); M.A. (Western Carolina University); *Education*; *Dr. Joseph J. Quaranta, Jr.*
- Glenn Edward Rohrer, Columbus; B.S.; M.Div. (Methodist Theological School, Ohio); M.S.W.; *Education*; *Dr. Anthony C. Riccio*
- Amos Rolider, Kfar Yehoshua, Israel; B.A. (Wingate Institute); M.S. (Brigham Young University); M.A.; *Physical Education*; *Dr. Daryl L. Siedentop*
- Stephen Andrew Rose, Columbus; B.S., M.A.; *Education*; *Dr. Robert E. Jewett*
- George Ruppel, Jr., Seaford, N. Y.; B.A. (Saint John Fisher College); M.A.; *Psychology*; *Dr. Don M. Dell and Dr. Theodore J. Kaul*
- Reiner Horst Schaeffer, Rickenbacker; (University of Nebraska, Omaha); M.P.A. (University of Missouri, Kansas City); *Education*; *Dr. Gilbert A. Jarvis*
- Teresa Margaret Schultz, Garden City, N. Y.; B.A. (Wellesley College); M.A.; *Psychology*; *Dr. Charles Wenar*
- Carol Rose Schwebel, Columbus; B.S. (New York University); M.A.; *Education*; *Dr. Charlotte S. Huck*
- Jeffrey John Seilhamer, Columbus; B.S.; *Developmental Biology*; *Dr. Thomas J. Byers*
- Yahya Ibrahim Sharaf-Eldeen, Alexandria, Egypt; B.S., M.S. (Alexandria University); *Agricultural Engineering*; *Dr. Mohamed Y. Handy*
- Robert Joseph Shaw, Rocky River; B.A., M.S.; *Aeronautical and Astronautical Engineering*; *Dr. John D. Lee*
- Mark Allen Sherouse, Columbus; B.A. (Florida State University); M.A.; *Philosophy*; *Dr. Charles F. Kielkopf*
- William Michael Shields, Valley Stream, N. Y.; A.B. (Livingston College); M.S.; *Zoology*; *Dr. Thomas C. Grubb, Jr.*
- Betty Heath Sipsos, Frankfort, Ky.; B.S., M.Sc. (Murray State University); *Education*; *Dr. Dewey A. Adams and Dr. Anthony A. Olizcook*
- Sripaan Sithipong Nakornskorn, Thailand; B.Ed., M.Ed. (Chulalongkorn University); *Education*; *Dr. Donald P. Sangers*

I. John M. Slegeski, Columbus; B.S., M.A.;
Education; Dr. Donald R. Bateman

David Thomas Smith, Morrow, Ga.; B.A.
(Miami University); M.A.; *Psychology*;
Dr. Barbara Edmonson

Jean McClain Smith, Hilliard; B.S., M.A.;
Education; Dr. Joseph J. Quaranta, Jr.

Maureen Honora Smith, Youngstown;
B.Bus. (Kent State University); M.Acct.;
Accounting; Dr. Thomas J. Burns

Marcella Harnish Sorg, Columbus; B.A.
(Bowling Green State University); M.A.;
Anthropology; Dr. Paul W. Sciuilli

David Richter Stevenson, Norfolk, Va.;
B.A. (Norfolk State College); M.A.;
Anthropology; Dr. Paul W. Sciuilli

Jerome Anthony Streeky, Youngstown;
B.S. (Case Western Reserve University);
M.S.; *Chemistry*; Dr. Daryl H. Busch

Jonathan Leigh Tafel, Columbus; B.S.,
M.A.; *Education*; Dr. Robert E. Jewett

Richard Dale Tallman, Los Gatos, Calif.;
B.S. (University of California, Berkeley);
Physiology; Dr. Albert L. Kunz

Melinda Jean Tarr, Albion, Calif.;
D.V.M. (University of California, Davis);
M.S.; *Veterinary Pathobiology*;
Dr. Richard G. Olsen

Joseph Michael Towarnicky, Lakewood;
B.A. (Northwestern University); M.S.;
Chemistry; Dr. Eugene F. Schram

David Samuel Tuber, Columbus; B.S.,
M.A.; *Psychology*; Dr. Delos D. Wickens

Roseann Frances Umana, Bradenton, Fla.;
B.S. (Michigan State University); M.A.;
Psychology; Dr. Andrew I. Schuebel

Diane Caskey Vaughan, Columbus; B.A.,
M.A.; *Sociology*; Dr. Simon Dinitz

Barbara Berger Walker, Columbus;
A.B. (Indiana University); M.A.;
Psychology; Dr. Curt A. Sandman

John Michael Walker, Columbus;
A.B. (Indiana University); M.A.;
Psychology; Dr. Curt A. Sandman

Josette Filippi Wilburn, Circleville; B.A.
(University of Minnesota); M.A.;
Romance Languages and Literatures;
Dr. Pierre A. Astier

Daniel Lewis Wise, Maple Heights; A.B.
(Ohio University); M.S. (Northern
Illinois University); *Geography*;
Dr. John N. Rayner

Michael L. Woltermann, Springfield;
B.A. (University of Dayton); M.S.;
Mathematics; Dr. Sürinder K. Sehgal

Maria Zafrana, Columbus; Diploma
(University of Thessaloniki); Diploma
(Goethe Institute); *Education*;
Dr. Donald P. Sanders

Henry Andrew Zimon, Baden, Pa.; B.S.
(United States Military Academy); M.A.;
Geography; Dr. George J. Demko

Certificate of Specialist in Educational Administration

Edward H. B. Erick, Fredericktown;
B.S.Ed. (Wittenberg University); M.A.;
Education

Master of Accounting

William Corby Carey, Rocky River;
B.A. (University of Notre Dame);
Accounting

Catherine Jane Moore, Columbus; B.S.
(Miami University); *Accounting*

Marcia Lee Parry, Mansfield; B.A.;
Accounting

Davidine Rinehart, Urbana; B.S.Ed.;
Accounting

Daniel Thomas Windnagle, Sandusky;
B.S.; M.B.A.; *Accounting*

Master of Applied Statistics

Rasimah Aripin; B.S. (Ohio University)
Statistics

Christine S. Bunck, Independence; B.S.
(Florida State University); M.S.;
Statistics

Keh-Jen Fang, Taipei, Taiwan; B.S.
(National Taiwan University); *Statistics*

Jeffrey Wayne Grimm, Austintown;
B.S.; *Statistics*

Francis Gerard Ogrinc, Bratenahl; B.S.
(John Carroll University); *Statistics*

Jayne Schnaars, Garden City, N. Y.;
B.A. (State University of New York at
Stony Brook); *Statistics*

Philip D. Stanton, Chillicothe;
B.S.; *Statistics*

Hsiaw-chan Yeh, R.O.C.; B.S. (National
Taiwan University); M.S. (The Ohio
State University); *Statistics*

Master of Architecture

Salah Ahmed Abdel-Latif, Cairo, Egypt;
B.Sc. (Al-Alzhar University); *Architecture*

Thomas Keith Belcher, Dayton;
B.S.Arch.; *Architecture*

Steven Paul Brennan, Columbus; B.Ed.
(University of Kansas); *Architecture*

Camala Sue McCarter Hogue, Columbus;
B.S. (Clemson University); *Architecture*

August John LaRuffa, Buffalo, N. Y.;
B.S. (University of Detroit); *Architecture*

Eng-Hong Lin, R.O.C.; B.S.E. (National
Cheng Kung University); *Architecture*

Steven H. Lutz, Nankin; B.S.;
Architecture

Master of Arts

Sandra L. Allen, North Olmsted; B.A.
(Capital University); *Education*

Jean Alison Anderson, Point Pleasant,
N. J.; B.A. (Montclair State College);
Journalism

Kristi S. Anderson, Columbus;
B.A. (University of Wisconsin-Madison);
English

Jonathan David Arnold, Louisville, Ky.;
B.A. (Purdue University); *Political Science*

Deborah Ann Arts, Oconomowoc, Wis.;
B.M. (University of Wisconsin); M.M.
(University of Illinois); *Education*

Margaret Miller Baker, Westerville; B.S.
(Wittenberg University); *Education*

Allen Dwayne Ball, Houston, Tex.; B.A.
(Rice University); *Psychology*

William Markward Balson, Jr., Columbus;
B.S.Soc.Wel.; *Public Administration*

Carole Pantone Basehore, Columbus;
B.S. (Pennsylvania State University);
Education

James M. Basile, Topeka, Kans.; B.A.
(University of Kansas); *Education*

Benjamin B. Bass, Kansas City, Kans.;
B.S. (University of Kansas); *Photography
and Cinema*

Connie J. Beachler, Westerville;
B.S.Soc.Wel.; *Education*

Suzanne M. Beavers, Toledo;
B.S. (Miami University); *Education*

Joseph J. Benevento, Columbus;
B.A. (New York University); *English*

Linda M. Bis, Columbus; B.S. (Bowling
Green State University); *Education*

Ann E. Boelkins, Muskegon, Mich.;
B.A. (Hope College); *German*

Carl L. Bogenschutz, Columbus; B.A.
(Ohio Dominican College); *Education*

Margaret Cramblett Bowman, Coshocton;
B.S.Ed.; *Education*

Herbert E. Brown, Skippers, Va.; B.S.
(Virginia State College); *Political Science*

Susan Diane Brown, Zanesville; B.S.Ed.
(Kent State University); *Education*

Victor M. Buján Delgado, San Jose, Costa
Rica; Licenciado Enciencias De La
Educación (Universidad de Costa Rica);
Education

Paul David Burnam, Westerville;
B.A. (Kalamazoo College); *History*

Susan D. Cahill, Columbus;
B.S.Ed.; *Education*

Paul Laquenze Cargile, Toledo;
B.A.; *Public Administration*

Thomas Ralph Carlisi, Columbus;
B.A.; *Education*

Denise Berger Case, Versailles;
B.S.; *Public Administration*

Virginia Ann Catalano, Columbus;
B.S. (University of South Carolina);
Education

Liza Sue Caughlan, Waverly; B.A.
(Bowling Green State University);
Education

David L. Ceuttli, Columbus; B.A. (Capital
University); *Physical Education*

Steven Dwight Chambers, Seaman;
B.A. (Berea College); *History*

Jon M. Chase, Painesville; B.A. (Miami
University); *Public Administration*

Kathleen Jordan Christian, Moscow, Id.;
B.S. (University of Idaho); *Physical
Education*

Christopher M. Clarke, Columbus;
B.A. (Fairleigh Dickinson University);
Political Science

Phillip J. Codrea, Alliance; B.A. (Mount
Union College); *Education*

Linda Kephart Coons, Westminster, Md.;
B.S. (Western Maryland College);
Physical Education

- Sonya Yvette Cooper, Cumberland, Md.; B.S. (University of Maryland); *Dance*
- Suzan Corbacioglu, Rittman; B.A.; *Education*
- Geneva Thompson Cornette, Columbus; B.S.; *Education*
- Jill M. Crotty, Hurst, Tex.; B.S. (Oklahoma State University); *Education*
- Robin Elaine Cunningham, Fremont; B.S.Nat.Res.; *Physical Education*
- Stephen J. Curcio, Columbus; B.S.Jour. (Bowling Green State University); *Journalism*
- Robert Clark Dana, Columbus; B.A. (Austin College); Ph.D. (University of Texas); *Business Administration*
- Maria de Fátima Mendes Pinto DaSilva, Lisbon, Portugal; Licenciante (University of Lisbon); *Education*
- Judith Ann Dayoub, Weirton, W. Va.; B.A. (West Virginia University); *Education*
- Cheryl Johns DeBoard, Columbus; B.A.; *Communication*
- Laurie Jean DeWine, Jamestown; B.S. (University of Cincinnati); *Communication*
- Lori deWolfe, Seattle, Wash.; B.M. (Washington State University); *Music*
- Steven Joseph Ditter, Minneapolis, Minn.; B.S. (Saint John's University); *Education*
- Carol Holck Donnan, Columbus; B.M. (Wittenberg University); *Music*
- Angelyn Fiore Dornauer, Columbus; B.A. (Cleveland State University); *Education*
- Leslie Peralta Duffey, Columbus; B.S.Ed. (Miami University); M.Ed. (Xavier University); *Public Administration*
- Claudia Skeldon Duseau, Columbus; B.A. (Mary Mansie College); *Education*
- Salem Abdalla Elbayudi, Misurata, Libya; B.A. (University of Benghazi); *Sociology*
- Joan Voelker English, Upper Arlington; B.A. (Brown University); *Education*
- David B. Erwin, Jr., Pickerington; A.B. (Case Western Reserve University); *Education*
- Sandra S. Evans, Columbus; B.A.; *Sociology*
- Joanne Farley, Memphis, Tenn.; B.A. (Memphis State University); *Political Science*
- JoAnn Kay Fettrow, Pataaskala; B.A. (Capital University); *Physical Education*
- Joseph D. Finneran, Sandusky; B.S. (Bowling Green State University); *Education*
- Jeffrey C. Fisher, Worthington; B.A.; *Romance Languages and Literatures*
- Jill S. Fouts, Delaware; B.A. (Ohio Wesleyan University); *Education*
- Matilde Rosenda Franciulli, Buenos Aires, Argentina; Prof. of English (Instituto Nacional Superior del Profesorado); M.S. (Miami University); *Romance Languages and Literatures*
- Bruce A. Fritch, Edgerton; B.S.Ed. (Miami University); *Education*
- Deborah Lynn Fugate, Columbus; B.A.; *Romance Languages and Literatures*
- Rita Redd Fullen, Columbus; B.S.M.E.; *Education*
- Steven Douglas Fuller, Westerville; B.A.; *Linguistics*
- Robin Claire Garner, Lynchburg, Va.; B.A. (Randolph-Macon Woman's College); *Dance*
- Gloria Elaine Gerald, Worthington; A.B. (Hunter College); *Education*
- Amy Louise Herstein Gervasio, San Francisco, Calif.; B.A. (University of California at Santa Cruz); *Psychology*
- David Curtis Glebe, Pittsburgh, Pa.; B.A.; M.A. (University of Pennsylvania); *Philosophy*
- David Carl Gobel, Columbus; B.S. (Bowling Green State University); *Music*
- Kenneth R. Godsey, Columbus; B.A. (Marietta College); *Education*
- Jeffrey E. Golon, Southington, Conn.; B.A. (The American University); *Political Science*
- Pamela Theresa Grant, Brooklyn, N. Y.; B.A. (University of Rochester); *Education*
- Inese G. Grava, Mayfield Heights; B.S. (John Carroll University); *Psychology*
- Mary Ann Gray, Worthington; B.S.; *Education*
- Sharon Joy Gray, Atlanta, Ga.; B.A. (Clark College); *Journalism*
- Robert L. Grossman, South Euclid; B.A.; J.D.; *Public Administration*
- Ronald George Haje, Silver Spring, Md.; B.A. (Fairmont State College); *Physical Education*
- Jeffrey D. Hamm, Heath; B.M.E.; *Music*
- Richard Francis Hamm, Indian Harbour Beach, Fla.; B.A. (Florida Atlantic University); *History*
- June Alice Hart, Rawson; B.A. (Ohio Northern University); *Physical Education*
- Joseph Dennis Harvath, Canton; B.A.; *Geography*
- Barbara L. Hattstaedt, Kettering; B.S.; *Education*
- John Michael Hawkins, Columbus; B.A.; *Journalism*
- Ouida Hartman Hawkins, Worthington; B.S. (George Peabody College); *Education*
- Tranette Marie Heflin, Hamilton; B.A.; *Communication*
- Paul Leonard Hegreness, Columbus; B.S.; *Physical Education*
- Nathan Hellman, Whitestone, N. Y.; B.A. (Queens College); *Education*
- Emma Lilly Henderson, Columbus; A.B. (Miles College); *Education*
- Cynthia S. Herndon, Columbus; B.S. (Miami University); *Education*
- Mary Elizabeth Coffman Heston, Columbus; B.A.; *History of Art*
- David L. Hines, Wilmette, Ill.; B.A.; *Communication*
- Jarrell D. Holloway, Jr., Columbus; *Sociology*
- Edward Jude Honton, Columbus; B.S.C.E.; *Economics*
- Edward Guy Hoskinson, Lancaster; B.S.; *Business Administration*
- Amy Ka Mei Hsu, Hong Kong; B.S.; *Education*
- Violeta Peralta Hughes, Manila, Philippines; B.A. (Maryknoll College); *Education*
- Wade Allen Hunt, Englewood; B.A.; *Music*
- Ngampit Jagacinski, Columbus; B.A. (Thammasat University); *East Asian Languages and Literatures*
- Cynthia Lee Johnston, Columbus; B.A. (Adrian College); *Music*
- James Joel Johnston, Marshall, Ark.; B.A., M.A. (University of Oklahoma); *Public Administration*
- Laura Ann Kantorowski, Stow; B.A. (Kent State University); *Psychology*
- Maija-Liisa Karki, Dublin; B.S.; *Education*
- Sharon Sue Kelley, Columbus; B.S.; *Education*
- Debbie Elaine Kendig, Massillon; B.A. (Mount Union College); *Education*
- Josephine Constance Kestella, Marysville; B.S.; *Education*
- Cynthia Lynn Kidwell, Stow; B.A.; *Communication*
- Ann Brophy Kipp, Tulsa, Okla.; B.A. (University of Tulsa); *Journalism*
- Susan Elise Klaiber, Hartford, N. Y.; B.S. (Cornell University); *Education*
- Kenneth Dean Klamfoth, Wooster; B.A. (Wittenberg University); *Education*
- Dorsa C. Klein, Columbus; B.A. (University of Virginia); *Business Administration*
- Gretchen Nelson Klimoski, Columbus; B.A. (University of Massachusetts); *Interdisciplinary: Architecture, Business Administration, City and Regional Planning*
- Peggy Daugherty Knickel, Prospect; B.S.; *Education*
- Marlin Peter Kriss, Fayette City, Pa.; B.S. (California State University); *Education*
- Renée Jean Kropat, Columbus; B.S.A.I.H.H.Prof.; *Industrial Design*
- Kathleen Melody Kurtz, Pittsburgh; B.A. (University of Pittsburgh); *Communication*
- Kenneth Ronald Lafontaine, Columbus; B.S.; *Public Administration*
- Helen McNary Laird, Columbus; B.S. (Ohio Dominican College); *Education*
- Susan W. Leggette, Vienna, Va.; B.A. (Wellesley College); *Dance*
- Robert B. Leventry, Marysville; B.A. (Miami University); *Public Administration*
- Susan Brohard Litzinger, Westerville; B.A.; *Geography*
- Bernard K. Loehr, Reynoldsburg; B.S. (Marquette University); *Accounting*
- Mary Lou Luebbe-Gearhart, Columbus; B.S.; *Communication*
- Patsy Green Lyons, North Miami Beach, Fla.; B.A. (Dillard University); *Physical Education*

¹ Also Bachelor of Arts, Colleges of the Arts and Sciences

- David R. MacDougall, Schuylerville, N. Y.; B.S. (State University of New York at Brockport); *Physical Education*
- Susan Jane Mangold, Westport, Conn.; B.S. (Saint Lawrence University); *Psychology*
- Mary Valerie Mannino, Columbus; B.A. (Western Kentucky University); *Education*
- Daniel Lynn Marshall, Summitville; B.S.; *Physical Education*
- Dennis Keith Martin, Columbus; B.M.E.; *Music*
- Phillip Lyle Mattson, Grove City; B.S. (Ohio University); *Education*
- Cynthia Rose McCabe, Columbus; B.S. (Ashland College); *Education*
- Phillip Allen McCool, Orient; B.S. (Bowling Green State University); *Education*
- Burford McGee, Columbus; B.S. (Rust College); *Education*
- Karen Brown McKenzie, Bexley; B.A. (Capital University); *Education*
- Gail Mendelsohn, St. Louis, Mo.; A.B. (Washington University); *Dance*
- Kathy Jo Merlock, Pittsburgh, Pa.; B.A. (West Virginia University); *English*
- Mary Jane Meyer, Springfield; B.S.Ed. (Ohio Dominican College); *Education*
- William David Meyer, Bellevue; B.A. (Ambassador College); *Journalism*
- Linda S. Mezyllo, Milwaukee, Wis.; B.S. (University of Wisconsin-Milwaukee); *Psychology*
- George G. Mitrevski, Staten Island, N. Y.; B.A. (State University of New York at Stony Brook); *Slavic Languages and Literatures*
- Jayne Ann Moneysmith, Worthington; B.A.; *English*
- Kathy Hamilton Moore, Worthington; B.A. (Wittenberg University); *Education*
- Ann Elizabeth Moseley, Galloway; B.S.Ed. (Miami University); *Education*
- Pamela Foote Musick, Columbus; B.S.Ed. (Ohio University); *Education*
- Cynthia Mary Nazzaro, Georgetown, Conn.; B.A. (San Francisco State University); *Dance*
- Rebecca Claire Nettl, Champaign, Ill.; B.F.A. (University of Illinois); *Dance*
- Brenda Sue Newcome, Dresden; B.A.; *Communication*
- Robert Lloyd Norman, Kenton; B.A. (Kent State University); *Political Science*
- James Alan Norris, Columbus; B.A.; B.S.Ed.; *Education*
- Michael A. North, Cincinnati; B.A.; B.S.Ed. (University of Cincinnati); *English*
- Deborah Shelley Orlin, Cleveland; B.A.; *Education*
- Rebecca J. Owen, Delaware; B.A. (Ohio Wesleyan University); *Education*
- David L. Peterson, Des Moines, Ia.; B.A. (Cornell College); *Education*
- Philip Allan Petrovsky, Columbus; B.A.; *Public Administration*
- Galen Thomas Pinkham, Lynn, Mass.; B.A. (Lafayette College); M.A. (Colgate University); *Education*
- Richard Allen Poe, Grove City; B.S. (College of Steubenville); *Education*
- Douglas Michael Post, Columbus; B.A.; *Physical Education*
- Marjorie Pederson Potter, Granville; A.B. (Mount Holyoke College); M.Ed. (Tufts University); *Communication*
- Diane Elizabeth Prine, Sewickley, Pa.; B.A. (Denison University); *Physical Education*
- Rita Yeager Przybyla, Medina; B.A.; *Communication*
- Elizabeth J. Radigan, Richmond Heights; B.A. (Cleveland State University); *Economics*
- Lydan S. Range, Columbus; B.S. (Jackson State College); *Education*
- Darlene Wagner Rankin, Dublin; B.S.; *Education*
- Lisa Wilde Ratcliff, Newport, Tenn.; B.A. (University of Tennessee); *Education*
- Marsha Kunkel Reall, Mt. Gilead; B.A.; *Physical Education*
- Edward M. Reeve, Parma; B.S.; *Education*
- Joy Harriman Reilly, Columbus; B.A.; *Theatre*
- Anne Elizabeth Reynolds, Naperville, Ill.; B.A. (Mundelein College); *Education*
- Stephanie Anya Richardson, Akron; B.A. (University of Akron); *English*
- Susan C. Ripple, Delaware; B.S. (Bucknell University); *Education*
- Elmer A. Rodriguez, Worthington; Teacher (University of Chile); *Romance Languages and Literatures*
- Denise M. Roman, Dayton; *Political Science*
- Nancy Nahra Romer, Columbus; B.A. (Colby College); M.A. (Stanford University); *Romance Languages and Literatures*
- John Thomas Ross, St. Louis, Mo.; B.A. (Florida State University); *English*
- Maria Rossi, Canton; B.A.; *Romance Languages and Literatures*
- Patrick James Rushin, Norwalk; B.A. (University of Dayton); *English*
- Wilma Boring Sadrai-Nadjafi, McArthur; B.S.; *Education*
- Louis Hildreth Sanford, Columbus; A.B. (Princeton University); *Journalism*
- Beth Arlene Werstler Santell, Columbus; B.A. (Adrian College); *Education*
- William Thomas Saxon, Jr., Sylacauga, Ala.; B.M. (University of Alabama); *Music*
- Linda Stoor Scaggs, Mt. Sterling; B.S.; *Education*
- Janet Lou Scanlon, Pittsburgh, Pa.; B.S. (Pennsylvania State University); *Education*
- Connie M. Schalinake, Columbus; B.Art.Ed.; *Art Education*
- Edward Allen Schirmer, Columbus; B.A. (University of Virginia); *Journalism*
- MaryAnn Beranek Schneider, Columbus; B.A.; M.A.; A.M.L.S. (University of Michigan); *Education*
- Kathleen Ann Seiter, Prospect; B.S.Ed.; *Education*
- Richard Dale Shafer, Findlay; B.S.Ed.; *Physical Education*
- Stephanie J. Shaw, Burlington, N. C.; B.A. (North Carolina Central University); *History*
- Jong Shick Shin, Seoul, Korea; B.A. (Yonsei University); B.A. (Northwestern Oklahoma State University); M.A. (Ohio University); *Political Science*
- Michelle Lee Shinew, Bowling Green; B.A. (Bowling Green State University); *Education*
- Barbara J. Siebert, Milan; B.A. (Malone College); *Public Administration*
- Stephanie Anne Skemp, North Canton; B.A. (Otterbein College); *Romance Languages and Literatures*
- Michael Ernest Skinner, Columbus; B.S. (Bowling Green State University); *Education*
- Don David Smith, Portland, Ore.; B.S. (Georgetown University); *Slavic Languages and Literatures*
- Patricia Ann Smith, Somerset; B.A.; *Communication*
- Timothy Houk Smith, Sandusky; B.S. (Bowling Green State University); *Journalism*
- James L. Spencer, Buffalo, N. Y.; B.A. (Canisius College); *Psychology*
- Pamela Gunaullus Spencer, Canton; B.A. (Wittenberg University); *Romance Languages and Literatures*
- Sandra Lee Sperry, Marion; B.S. (Bowling Green State University); *Education*
- Frances Sprouse Spratley, Columbus; B.S.Ed.; *Education*
- Karl-Ludwig Stenger, Bonn, West Germany; Staatsexamen (University of Bonn); *German*
- Lauren C. Stevens, Cincinnati; B.A.; *Education*
- Mark Oliver Stevens, Poland; B.A.; B.S.; M.A.; *Public Administration*
- Tracey Michele Stewart, Alvornton; B.A.; *Education*
- Vicki Ralston Stiekel, Circleville; B.S. (Miami University); *Education*
- Kevin L. Stotts, Columbus; B.S.; *Education*
- Margaret Stroup, Dayton; B.A.; *Education*
- Andrea F. Stuck, Kenton; B.S.Ed.; *Physical Education*
- Ronald C. Suci, Worthington; B.S.Ed.; *Education*
- Michael L. Sullivan; B.A.; *Political Science*
- Anita Marie Surma, Detroit, Mich.; Ph.B. (Wayne State University); *Dance*
- Carol Sue Taylor, Guthrie, Okla.; B.S. (Langston University); *English*
- Bruce R. Thomas, St. Louis, Mo.; B.A. (University of Missouri); *Political Science*
- William John Thompson, West Lebanon, N. H.; B.A. (Dartmouth College); *Education*

1 Also Bachelor of Arts, Colleges of the Arts and Sciences

- Mary Kelly Tisdale, Reynoldsburg; B.S.H.E.; *Education*
- Michele S. Towson, Chestertown, Md.; B.A.; *Communication*
- Michael David Trudeau, Upper Arlington; B.A.; *Communication*
- Bonita Ann Tucker, Columbus; B.S.Ed.; *Education*
- Scott F. Turner, Youngstown; A.B. (Youngstown State University); *Geography*
- Nnah William Udosen, Edebon-I, Nigeria; B.A. (Ahmadu Bello University); Diploma (University of Leeds); *Art Education*
- Frances L. Ulmer, Granville; B.S. (Greenville College); *Health Education (Physical Education)*
- Teresa Slyph Vance, Mt. Sterling; B.S.; *Education*
- Michael A. Vidulich, Tribes Hill, N. Y.; B.A. (State University College at Potsdam); *Psychology*
- Frederick Thomas Waddell, Chicago, Ill.; B.A. (Northwestern University); M.B.A. (DePaul University); *Psychology*
- Nancy Jean Walker, Fort Loudon, Pa.; B.A. (Mercyhurst College); *Dance*
- Jeanette Peck Walls, Mansfield; B.A.; *Education*
- Margaret Simpson Walsh, Worthington; B.A.; *Public Administration*
- Jeffrey Dow Walton, Sycamore; B.S.; *Education*
- Patricia Louise Warren, Pendleton, S. C.; B.A. (Clemson University); *Education*
- Deborah L. Weatherbee, Hampden Highlands, Me.; B.A. (Bates College); *Dance*
- Vicky Lynne Webb, Columbus; B.A.; *Communication*
- Patricia O'Gara Weiland, Lancaster; B.A. (Ohio Dominican College); *Education*
- Elizabeth Ann Wellman, Cincinnati; B.S.Ed.; *Education*
- Sallee E. Westerman, Columbus; A.B. (Indiana University); *Physical Education*
- Kathleen Erin Whalen, Columbus; B.S.; *Public Administration*
- Sandra Kristine Whiston, Bethlehem, Pa.; B.Mus. (Westminster Choir College); *Music*
- Diane Sue Whitbeck, Franklin, N. Y.; B.A.; *Public Administration*
- Deidra Juanita White, Chillicothe; A.B. (Ohio University); *Education*
- Kathy Laverne White, Darby, Pa.; B.A. (West Chester State College); *Psychology*
- Holly M. Williams, Webster Groves, Mo.; B.S. (Denison University); *Education*
- Larry Dean Williams, Columbus; B.G.S. (Ohio University); *Education*
- Susan C. Willis, Hampton, Va.; B.S.Ed. (Virginia Polytechnic Institute and State University); *Education*
- Janet Courtney Winniford, Dallas, Tex.; B.A. (University of Texas at Austin); *Education*
- Elaine M. Wipf, Columbus; B.F.A. (University of Minnesota); *Music*
- Pamela Ann Woodyard, Columbus; B.A. (University of Colorado); *Communication*
- Steven Phillip Wroten, Dallas, Tex.; B.A. (Baylor University); *Psychology*
- Sue Yang, Taipei, Taiwan; B.A. (National Taiwan University); *Public Administration*
- Kathy V. Ziegler, Columbus; B.A. (Michigan State University); *Classics*

Master of Business Administration

- Terry C. Anderson, Mansfield; B.S. (University of Illinois); *Business Administration*
- Karlheinz O. W. Ball, Dayton; B.S. (University of Alabama); M.S. (Georgia Institute of Technology); Ph.D. (University of Southern California); *Business Administration*
- E. P. Ballinger, Columbus; B.M.E.; *Business Administration*
- Jon M. Bus, Wooster; B.S., B.A.; (University of Akron); *Business Administration*
- Kathleen Callis, Newark; B.A. (Park College); *Business Administration*
- Hiroko Nagaya Carroll, Sapporo, Japan; B.A. (Malone College); *Business Administration*
- Doris Cartwright, Cleveland; B.A. (Case Western Reserve University); *Business Administration*
- Louise Anne Chlumecky, Poland; B.S. (Youngstown State University); *Business Administration*
- Ronald E. Clinger, Worthington; B.S.; *Business Administration*
- Jeffrey A. Coopersmith, Reynoldsburg; B.S. (Reensalaer Polytechnic Institute); *Business Administration*
- Ricardo Covarrubias, Columbus; Ingeniero Mecanico Electricista (Universidad Nacional Autonoma de Mexico); *Business Administration*
- Mark Alan Dembski, Westerville; B.S.; *Business Administration*
- Neill Tison Dimmick, Mt. Vernon; B.S.; *Business Administration*
- Paul Jonathan Dolce, Ashokan, N. Y.; B.S. (Rochester Institute of Technology); *Business Administration*
- John Francis Feltz, Fairborn; B.E.E.; *Business Administration*
- David J. Franko, Girard; B.I.E. (General Motors Institute); *Business Administration*
- Ahmed Ebrahim Garda, Karachi, Pakistan; B.S.M.E.; *Business Administration*
- Mary Ann Gavula, Seven Hills; B.S. (Kent State University); *Business Administration*
- Gholam Hossein Ghazanfari, Tehran, Iran; B.S.E.E.; *Business Administration*
- Donald A. Girard, Columbus; B.S.; *Business Administration*
- Julia Anne Gormley, Perrysburg; B.A. (University of Toledo); M.S.; *Business Administration*
- Michael J. Gregory, St. Clairsville; B.S. (Michigan Technological University); *Business Administration*
- Ann Elizabeth Groves, Columbus; B.A. (Ohio Wesleyan University); *Business Administration*
- Laurie Jean Hall, Lima; B.S.; *Business Administration*
- Thomas Frost Harden, West Lafayette, Ind.; B.S. (Indiana University); *Business Administration*
- David Louis Hecht, Springfield, Mass.; B.S.B.A. (American International College); *Business Administration*
- Edward J. Hinde, IV, Sandusky; B.A. (University of Dayton); *Business Administration*
- Sidney Drewel Hulse, Richmond, Va.; B.S.Agr.; *Business Administration*
- John Albert Jagielski, Ellicott City, Md.; B.B.A. (University of Notre Dame); *Business Administration*
- Robert James Kehoe, Shelby; B.A.; *Business Administration*
- George Paul Klebacha, Lexington; B.S. (Pennsylvania State University); *Business Administration*
- Anatol Kuczura, Worthington; B.S. (University of Illinois); M.S. (University of Michigan); M.S. (New York University); Ph.D. (Polytechnic Institute of Brooklyn); *Business Administration*
- David Hering Leffler, II, Massillon; B.S.; *Business Administration*
- Jennifer Ann Leking, Sylvania; B.A.; *Business Administration*
- Gary M. Lewis, Galion; B.A.; *Business Administration*
- John R. Lisowski, Pittsburgh, Pa.; B.S. (Clarion State College); *Business Administration*
- Daniel S. Margles; B.S.; *Business Administration*
- James M. Masters; B.A. (State University of New York at Buffalo); M.S. (Air Force Institute of Technology); *Business Administration*
- Carol Hidy Medley, Columbus; B.S.; *Business Administration*
- Judith Arolyn Mellin, Columbus; B.A.; *Business Administration*
- Harold Eugene Merz, Columbus; B.A. (College of Wooster); *Business Administration*
- Douglas Joseph Meszaros, Columbus; B.S.I.E.; *Business Administration*
- Stephen Mihnovets, Parma; B.S.Bus.Adm.; *Business Administration*
- Deborah J. Miller, Waterford; B.A.; *Business Administration*
- Lawrence Clay Miller, Columbus; B.A.; *Business Administration*
- Maureen A. Mosher, Marysville; B.B.A. (Georgia State College of Business Administration); *Business Administration*
- ¹Bruce Alan Nijswander, Mansfield; *Business Administration*
- Danny Alan Noble, Columbus; B.S.; *Business Administration*

¹ Also Juris Doctor, College of Law

Thomas Richard Panek, Columbus; B.A.; *Business Administration*

Raymond Maurice Percy, Fostoria; B.S. (LeMoyné College); *Business Administration*

Jérôme Pignet, Marseilles, France; DESCAF (Ecole Supérieure de Comm.); *Business Administration*

William D. Popadych, Chillicothe; B.S.E.E. (Iowa State University); *Business Administration*

Salvatore Quattrocchi, Mansfield; B.E.E. (Cleveland State University); *Business Administration*

Ellen Ann Ramlet, Columbus; B.S. (University of Wisconsin); M.A. (Arizona State University); *Business Administration*

William J. Ransom, Columbus; B.S.C.E. (University of Cincinnati); *Business Administration*

James Alec Reinhardt, Findlay; B.S.E.E. (University of Cincinnati); J.D.; *Business Administration*

June Kaiser Reynolds, Columbus; B.A. (University of Maryland); B.S.; *Business Administration*

Mary Susanna Roberts, Radnor; B.S.H.E.; M.S.; *Business Administration*

Ross H. Russell, Fayette City, Pa.; B.S. (Westminster College); M.S.; *Business Administration*

Donald Eugene Schwaderer, Powell; B.S.Ch.E.; *Business Administration*

Alvin Martin Sellers, Columbus; B.S.; *Business Administration*

Ira Jay Shapiro, New York, N. Y.; B.A. (Queens College); *Business Administration*

Jerrold Paul Shaw, Monsey, N. Y.; B.S.Bus.Adm. (State University College at Oswego, New York); *Business Administration*

Terry Lee Shuter; B.A.; *Business Administration*

Stephen W. Sikora, Columbus; B.S.E. (Princeton University); *Business Administration*

Tim E. Simmons, Worthington; B.S. (Oklahoma State University); *Business Administration*

Judith Ann Smilan, Columbus; B.S.Ed.; M.A.; *Business Administration*

Albert H. Smith, Jr., Canton; B.A. (Mount Union College); *Business Administration*

Emile Snijders, Urbana; B.S.; *Business Administration*

Larry King Solomon, Columbus; B.A. (Kent State University); *Business Administration*

Donna Gail Sperry, South Shore, Ky.; B.S. (Morehead State University); M.S.; *Business Administration*

Paul William Spindler, Rochester, N. Y.; B.S. (Rochester Institute of Technology); *Business Administration*

Rajan R. Srinivasan, Bangalore, India; B.Tech. (Indian Institute of Technology); *Business Administration*

Richard Ramsay Stander, Jr., Mansfield; B.C.E.; *Business Administration*

Douglas Alan Stuber, Columbus; B.A.; M.A. (Bowling Green State University); *Business Administration*

Michael R. Sturges, Mansfield; B.S.Bus.Adm.; *Business Administration*

Michael A. Sustersic, Brecksville; B.A.; *Business Administration*

Gregory Arthur Swank, Columbus; B.S.; *Business Administration*

Michael E. Tann, Huron; B.S.Ed.; *Business Administration*

Jerry L. Taylor, Fostoria; B.A. (Bowling Green State University); *Business Administration*

Leslie P. Taylor, Columbus; B.S.; M.S.; *Business Administration*

Pamela Thompson, Youngstown; B.S.; *Business Administration*

Ross Brockus Townsley, Troy; B.S.Bus.Adm.; *Business Administration*

Deborah LaVet Williams, Atlanta, Ga.; B.S.; *Business Administration*

Michael Wm. Zim, Reynoldsburg; B.S.I.E.; *Business Administration*

Master of City and Regional Planning

Birinder Pal Singh Ahuja, Columbus; B.Arch. (Punjab University); M.Arch.; *City and Regional Planning*

Shahla Ameri, Iran; B.A. (College of Mass Communications); M.A.; *City and Regional Planning*

Douglas Allan Ballard, Columbus; B.A. (Ohio Wesleyan University); *City and Regional Planning*

Linda Lee Blum, Hilliard; B.S. (Michigan State University); *City and Regional Planning*

Richard Allen Carter, Salt Lake City, Ut.; B.S. (University of Utah); *City and Regional Planning*

Douglas J. Cavanaugh, Auburn, N. Y.; B.A. (State University of New York at Binghamton); *City and Regional Planning*

Randall Duane Crane, Paradise, Calif.; B.A. (University of California at Santa Barbara); *City and Regional Planning*

Fabian Okwuchukw Dike, Umuna-Orlu, Nigeria; B.A. (Rutgers University); *City and Regional Planning*

Gregory Paul Dreyer; B.S. (Northern Illinois University); *City and Regional Planning*

Robert L. Dyer, Jr., Lafayette Hill, Pa.; B.A. (College of Wooster); *City and Regional Planning*

Folorunso Folowosele, Ilesha, Oyo State, Nigeria; B.Sc. (University of Ibadan); Diploma (University College of London); *City and Regional Planning*

James Randolph Given, Columbus; A.B. (Miami University); *City and Regional Planning*

Gary L. Johnson, Toledo; B.A. (University of Toledo); *City and Regional Planning*

David Owen Kleitsch, Seattle, Wash.; B.A. (University of Washington); *City and Regional Planning*

Ngoc-Yen Lam; B.A. (State University of New York at Buffalo); M.A.; *City and Regional Planning*

Derrick Elijah Lightfoot, Massillon; B.A.; *City and Regional Planning*

Sheila Mast, Dalton; B.A. (Miami University); *City and Regional Planning*

Roger Alan McChesney, Lake Charles, La.; B.A. (University of Southwestern Louisiana); *City and Regional Planning*

Antonio Merola, Montreal, Canada; B.A. (McGill University); *City and Regional Planning*

Jerry C. Meyer, Kansas City, Mo.; B.A.; B.A. (University of Missouri); *City and Regional Planning*

Dorothy C. D. Pritchard, Ishpeming, Mich.; B.S.Soc.Wrk.; *City and Regional Planning*

Cynthia Richmond; B.A. (Ohio Wesleyan University); *City and Regional Planning*

Janet Kay Ruggles, Millersburg, Ky.; A.B. (University of North Carolina at Chapel Hill); *City and Regional Planning*

Salvatore Clemens Santell, Columbus; B.A. (Adrian College); *City and Regional Planning*

Chander Mohan Saxena, Chillicothe; Diploma in Arch. (Government College of Fine Arts and Architecture); M.Arch.; *City and Regional Planning*

John Harding Wales, Milton, Mass.; B.A. (University of Massachusetts); *City and Regional Planning*

Master of Fine Arts

Rodney L. Bouc, Wahoo, Nebr.; B.F.A. (University of Nebraska); *Art*

E. L. Sauselen, Bucyrus; B.F.A.; *Art*

Master of Labor and Human Resources

Mark J. Schaff, Pataksala; B.A. (Yale University); *Labor and Human Resources*

Master of Music

Martha Josephine Dick, Alliance; B.M. (Mount Union College); *Music*

Susan Schartz Rankin, Larned, Kans.; B.Mus.Ed. (Kansas State University, Emporia); *Music*

Kevin Sorrells; B.A. (University of Texas at Austin); *Music*

Master of Public Administration

Jennifer Lynn Bates, Euclid; B.A. (Miami University); *Public Administration*

Brian Leslie Bell, Walton Hills; B.A. (Bowling Green State University); *Public Administration*

Walter George Boswell, Columbus; B.S. (Miami University); *Public Administration*

Patricia Ann Carmean, Grand Rapids, Mich.; A.B. (University of Michigan); *Public Administration*

David J. Carstens, Port Clinton; B.A. (Kent State University); *Public Administration*

Sheila Resnick Chodosh, Bexley; B.A. (Newark State College); *Public Administration*

Wendy Karen Cohan, Steubenville; B.A.; *Public Administration*

Rosanne Vaughn Hall, Columbus; B.A.; *Public Administration*

Michael P. Halpin, Dayton; B.A.; *Public Administration*

Douglas E. Haynes, Fitchburg, Mass.; B.A. (Clark University); *Public Administration*

Quinten Theodore Johnson, Hazelhurst, Pa.; B.S. (State University of New York College at Buffalo); *Public Administration*

James Arthur Kessler, Columbus; B.A. (Miami University); M.S. (Xavier University); *Public Administration*

Timothy Gordon Kremer, Lakewood; B.A. (Kent State University); *Public Administration*

Janet Lee Morrison, Newark; B.A. (College of William and Mary); *Public Administration*

James R. Niederle, Macedonia; B.A. (Cleveland State University); *Public Administration*

Julie Perone, Columbus; B.S.Ed.; M.A.; *Public Administration*

Theodore J. Randles, Eastlake; B.A. (Cleveland State University); *Public Administration*

David B. Shea, Niles; B.A. (Kent State University); *Public Administration*

Mary Bernadette Stuppik, Cleveland; B.A. (John Carroll University); M.A. (Cleveland State University); *Public Administration*

Richard Thomas Wisler, Marion; A.B. (Ohio University); *Public Administration*

Master of Science

Margaret E. Adam, Powhatan Point; B.S. (Kansas State University); *Zoology*

Elizabeth Guy Adams, Milford Center; B.S.H.E.; *Home Economics*

James Larry Adams, Columbus; B.S. (University of Kentucky); *Agronomy*

Barry Michael Adler, Millburn, N. J.; B.S. (Rutgers University); D.V.M.; *Dairy Science*

Afiong E. Akpan, Nigeria; B.A. (San Francisco State University); *Home Economics*

Demetrios Alevizopoulos, Prodomos, Greece; B.S. (DePauw University); *Computer and Information Science*

Renée Allen, Columbus; B.F.A. (Ohio University); *Home Economics*

Parviz Amini Rakan, Rezaeh, Iran; B.S. (Faculty of Agriculture and Cattle Breeding Research); *Agricultural Education*

Boonyaruk Amnuetsuktavon, Thailand; B.A. (Thammasat University); *Agricultural Economics and Rural Sociology*

Rebecca A. Ansley, Westerville; B.S.; *Computer and Information Science*

Randall Scott Arndt, Fremont; B.S.; *Natural Resources*

Abraham Heriberto Báez Job, Santo Domingo, Dominican Republic; B.S.; *Mechanical Engineering*

Richard C. Bain, Towson, Md.; B.S. (Waynesburg College); *Geology and Mineralogy*

William C. Baird, III, Columbus; A.B. (Indiana University); *Dairy Science*

Joseph T. Barr, Columbus; O.D.; *Physiological Optics*

David A. Bates, Cambridge; B.A. (Capital University); *Mathematics*

Warwick Michael Bayly, Melbourne, Australia; B.V.Med. (University of Melbourne); *Veterinary Clinical Sciences*

Ivan Cougar Beggs, Reynoldsburg; B.Sc. (Worcester Polytechnic Institute); M.Div. (Trinity Lutheran Seminary); *Industrial and Systems Engineering*

William J. Benjamin, Jr., Findlay; B.S.; *Physiological Optics*

Thomas Alan Bolte, Vandalia; B.S.C.E.; *Civil Engineering*

Clarence E. Bowman, Jr., Dayton; B.B.A. (University of Cincinnati); *Allied Medical Professions*

Richard T. Bradley, Darien, Conn.; B.S.; *Mathematics*

Joe M. Brailsford, Summerton, S. C.; B.A. (Fordham University); *Allied Medical Professions*

Donna Ruth Brown, Delaware; B.A. (Ohio Wesleyan University); *Home Economics*

William Dana Brown, Westerville; B.S.; *Agricultural Education*

Michael Walter Burke, El Paso, Tex.; B.Sc. (University of Texas); *Industrial and Systems Engineering*

Donald L. Burton, Loveland; B.S.; *Natural Resources*

Robert J. Campbell, Centerville; B.S.; *Preventive Medicine*

Jon Howard Carlson, Salt Lake City, Ut.; B.A. (University of Utah); *Medical Professions*

Roberta Carroll, Hatboro, Pa.; B.S. (Indiana University of Pennsylvania); *Geodetic Science*

Frank Jeffrey Carson, Grove City; B.S.; *Computer and Information Science*

Richard Allen Carter, Sarahville; B.S.; *Agricultural Education*

Cornelius Richard Catena, Amsterdam, N. Y.; B.A. (University of Vermont); *Allied Medical Professions*

Gary L. Causer, Portage, Pa.; B.S.; M.S. (Indiana University of Pennsylvania); *Statistics*

Shengming Chang, Taipei, Taiwan; B.S.E. (National Cheng-Kung University); *Mechanical Engineering*

Michael Alastair Chapman, Brampton, Ontario; B.Tech. (Ryerson Polytechnical Institute); *Geodetic Science*

John Arthur Cheek, Columbus; B.S.; D.D.S.; *Dentistry*

Shu-Mei Chen, Tainan, Taiwan; B.S. (National Tsing Hua University); *Mathematics*

Hong-Chou Cheng, Taipei, Taiwan; B.S. (National Taiwan University); *Pharmacy*

Godwin Ostadinma Chukwuma, Nigeria; B.Sc. (University of Nigeria); *Agricultural Engineering*

Clifton B. Chunn, Jr., Jackson, Miss.; B.A. (University of Mississippi); D.D.S. (University of Tennessee); *Dentistry*

Charles Edward Cichra, Seven Hills; B.S.; *Zoology*

Patricia Ann Clark, Miamisburg; A.B. (Ohio University); *Computer and Information Science*

John Anthony Cocumelli, Steubenville; B.S.; *Allied Medical Professions*

James Richard Colleli, Columbus; B.S.; *Horticulture*

Robert Neil Comber, Arlington, Va.; B.A. (University of Virginia); *Chemistry*

Terry Richard Cooper, Ripley; B.S.C.I.S.; *Computer and Information Science*

John Crescenti, Reynoldsburg; B.S.; M.S. (Polytechnic Institute of Brooklyn); *Computer and Information Science*

Timothy Botsford Cribbs, Apollo, Pa.; B.S.; *Electrical Engineering*

Britt Alan Cummins, Dayton; B.S. (Ohio Northern University); *Pharmacy*

Bernard W. Cummsiskey, Columbus; B.S.; *Mathematics*

Robert F. Dailey, North Olmsted; B.S. (University of Notre Dame); *Industrial and Systems Engineering*

James S. Dalzell, Crooksville; *Agricultural Education*

Jeffrey John Davis, Cherry Hill, N. J.; B.S. (Towson State University); *Entomology*

Gerald Robert DeChant, Avon; B.S.E.E. (Ohio University); Assoc.E.E. (Lorain County Community College); *Electrical Engineering*

Anthony Charles De Vuono, Philadelphia, Pa.; B.S.M.E.; *Nuclear Engineering*

Robert Morrison DeWitt, Jr., Akron; B.A. (Kenyon College); D.D.S.; *Dentistry*

James Curtisa Dickinson, Tilden, Tex.; B.S. (Texas A & M University); *Welding Engineering*

Frank Jerauld DiTirro, Rochester, N. Y.; B.A. (Denison University); *Anatomy*

1 Also Doctor of Optometry, College of Optometry
2 Also Bachelor of Science in Agriculture, College of Agriculture and Home Economics

- Thomas Andrew Doody, San Jose, Calif.; B.S. (University of California at Berkeley); *Welding Engineering*
- Elaine Judith Drugan, Kent; B.S. (Kent State University); *Nursing*
- Sharon Lee Eddy, Marietta; B.S.; *Nursing*
- Henry Stephen Eilts, Reynoldsburg; B.S.; *Electrical Engineering*
- Patrice Anne Evans, Grove City; B.S.Nurs.; *Nursing*
- Anne Clark Foltz, Worthington; B.S.H.E.; *Home Economics*
- Terrie M. Ford, Worthington; B.S.Nurs.; *Nursing*
- Paul Arlen Forshey, Caldwell; B.S. (Muskingum College); *Chemistry*
- Timothy W. Freeze, Mason; B.S.M.E.; *Electrical Engineering*
- Robert Scott Frost, Kenton; B.S.C.E.; *Civil Engineering*
- John R. Gabel, Pickerington; B.S. (Miami University); *Computer and Information Science*
- Stephen R. Garchow, Northville, Mich.; B.S. (Michigan State University); *Allied Medical Professions*
- Ann Louise Gnagey, Meyersdale, Pa.; B.S. (Indiana University of Pennsylvania); *Entomology*
- Susan Lee Grant, Torrington, Wyo.; B.S. (University of Wyoming); *Entomology*
- David W. Grauer, Marysville, Ky.; B.S. (Kansas University); *Pharmacy*
- Thomas Joseph Grier, Geneva, N. Y.; B.A. (State University of New York at Plattsburgh); *Chemistry*
- James David Gruff, Columbus; B.A.; *Agricultural Economics and Rural Sociology*
- Jim J. Guckian, Dayton; B.S.A.E. (University of Cincinnati); *Aeronautical and Astronautical Engineering*
- Dorothy Davis Hall, Upper Arlington; B.S.; *Nursing*
- John Perry Hall, Westerville; B.S.E.E.; *Electrical Engineering*
- William Ernest Hamilton, Houston, Tex.; B.S. (Texas Tech University); *Natural Resources*
- J. B. Hammond, Tonawanda, N. Y.; B.S.; *Food Science and Nutrition*
- Benjamin Hansburg, Uniontown; B.S. (Case Western Reserve University); M.S.; *Computer and Information Science*
- Scott Gordon Hardmant, Oyster Bay, N. Y.; B.S. (Cornell University); M.Ed. (Northeastern University); *Allied Medical Professions*
- Richard Emerson Hill, Toledo; B.S.C.E.; *Civil Engineering*
- Daniel David Hoar, Bellville; B.S.Agr.; *Agricultural Education*
- Ghazi H. Hobballah, Lebanon; B.S. (Lebanese University); M.S. (American University of Beirut); *Electrical Engineering*
- Nancy Gould Houk, Columbus; B.S. (University of Pittsburgh); *Nursing*
- Jen-Jim Ju Huang, Kaohsiung, Taiwan; B.S. (Fu-Jen University); *Home Economics*
- Robert Edward Hurley, Columbus; B.A. (Saint Bonaventure University); M.S.W.; *Allied Medical Professions*
- Richard C. Immel, Jr., Columbus; B.S.; *Computer and Information Science*
- Robert Paul Jacober, Jr., Cincinnati; B.S. (Ball State University); *Geodetic Science*
- Stephen F. Jacoby, Columbus; B.S. (Milwaukee School of Engineering); *Industrial and Systems Engineering*
- Thavath Jirapunth, Bangkok, Thailand; B.Eng. (Chulalongkorn University); *Electrical Engineering*
- Jon Robert Johnson, Williston; B.S.; *Horticulture*
- Arlene Marie Jones, Baltimore, Md.; B.S. (University of Maryland); *Mathematics*
- Marc E. Kanter, Cincinnati; B.S.; *Zoology*
- Sister Judith Ann Karam, Richfield; B.S.Pharm. (Duquesne University); *Allied Medical Professions*
- Barry A. Keene, Columbus; B.S.; *Computer and Information Science*
- Bruce William Keene, Akron; B.S. (University of Kentucky); *Veterinary Physiology and Pharmacology*
- John William Kelly, Jr., Easley, S. C.; B.S. (Clemson University); *Horticulture*
- Martha J. Kent, Kalamazoo, Mich.; B.A. (Ohio Wesleyan University); *Chemistry*
- Mohammad Mahmood Khan, Columbus; B.E. (University of Karachi); *Civil Engineering*
- Kathleen Ann Kiefer, Pittsburgh, Pa.; B.S.; *Physiological Chemistry*
- Greg C. Knepper, Murrysville, Pa.; B.S. (Allegheny College); *Allied Medical Professions*
- Debra Ann Knight, Mentor; B.S.Agr.; *Animal Science*
- Stephen A. Koll, Walnut, Ia.; B.S. (Iowa State University); *Animal Science*
- Roy W. Kroll, Youngstown; B.S.; *Natural Resources*
- James Michael Kroyer, Geneva, Ill.; B.S.; *Microbiology*
- Karl John Kuppler, Painesville; B.S. (Allegheny College); *Allied Medical Professions*
- Carol Gordon Kutner, Columbus; B.S.; *Home Economics*
- Louise Anne Stephens LaBarre, Durham, N. C.; A.B. (Earlham College); *Veterinary Physiology and Pharmacology*
- Peggy Marie Laskey, Toledo; B.S. (University of Toledo); *Allied Medical Professions*
- James David Leonard, Jr., Enon; B.E.E.; *Electrical Engineering*
- Nim-Chuen Leung, Hong Kong; B.S. (Southern Illinois University); *Civil Engineering*
- Joanne Gilbert Leussing, Columbus; B.S. (University of Wisconsin); *Home Economics*
- Hoo Fong Liem, Indonesia; B.S.C.E. (University of Manitoba); *Civil Engineering*
- Gilda Regina Macedo de Lima, Columbus; Licentiate (Pontifical Catholic University of Rio de Janeiro); *Home Economics*
- Vincent Arthur Linz, Cincinnati; B.A. (University of Cincinnati); D.D.S.; *Dentistry*
- William Jar-Liang Liu, Taipei, Taiwan; D.D.S. (Taipei Medical College); *Dentistry*
- Roger Wayne Logan, Charlotte, N. C.; B.S.; *Allied Medical Professions*
- Patricia Meyer Louiso, Williamsburg; B.S.; *Home Economics*
- Douglas Edward Ludolph, Columbiana; B.S.C.E.; *Civil Engineering*
- Richard Glenn Lyons, Middletown; M.T.E. (North Carolina State University); *Ceramic Engineering*
- Ho-Ching Ma, Hong Kong; B.S. (McGill University); D.D.S. (Georgetown University); *Dentistry*
- Anne Elizabeth Maczulak, Watchung, N. J.; B.S.; *Dairy Science*
- Keith Thomas Madison, Willowick; B.S. (Cleveland State University); D.D.S.; *Dentistry*
- Eugenio Martinez Uriegas, Mexico, D. F.; Físico (La Universidad Nacional Autónoma de Mexico); *Biophysics*
- Diane Ruth Stromme Mast, Millersburg; B.A. (College of Wooster); *Agricultural Economics and Rural Sociology*
- Susan A. May, Penfield, N. Y.; B.S. (Saint Lawrence University); *Geodetic Science*
- Carrie Lee Maykuth, Columbus; B.S.; *Welding Engineering*
- Linda S. McGee, Columbus; B.S.; *Nursing*
- John Willis Mears, Newark; A.B. (Harvard University); *Allied Medical Professions*
- Stephen S. Miller, Columbus; B.S.; M.S.; *Computer and Information Science*
- Edward William Mills, Kensington; B.S.; *Animal Science*
- Paul Pel-Shan Moh, Hong Kong; B.S. (University of Minnesota); *Microbiology*
- Timothy Douglas Moore, Columbus; B.Pharm. (Washington State University); *Pharmacy*
- Paul J. Mosko, Jr., Mingo Junction; B.A. (Steubenville College); B.S. (Ohio Northern University); *Pharmacy*
- Amy Joan Munich, Cincinnati; B.S. (University of Cincinnati); M.Ed. (Xavier University); *Agricultural Education*
- Mary Elizabeth Murray, Columbus; B.S. (Caval University); *Nursing*

1 Also Doctor of Veterinary Medicine, College of Veterinary Medicine

- Peter Lloyd Nara, Novelty; B.S. (Colorado State University); *Veterinary Physiology and Pharmacology*
- Peter Ng, New York, N. Y.; B.A. (Columbia College of Columbia University); *Chemistry*
- Wendy H. Ngo, Queens, N. Y.; B.S. (Hunter College); *Food Science and Nutrition*
- Ralph T. Nicolosi, Columbus; B.A.; *Horticulture*
- Karen Olava Nilsen, Columbus; B.S.; *Allied Medical Professions*
- Ann Perozek Nolan, Brooklyn Heights; B.S.H.E.; *Home Economics*
- Robert Joseph Nolly, Fort Plain, N. Y.; B.S. (Union University Albany College of Pharmacy); *Pharmacy*
- Gail S. Odneal, Columbus; B.S.Nurs.; *Nursing*
- Tomohiro Ohta, Tokyo, Japan; B.S. (University of Tokyo); *Chemistry*
- Alfredo A. Pablo Romero, La Romana, Dominican Republic; Ingeniero Agronomo (Universidad Nacional Pedro Henríquez Ureña); *Agricultural Economics and Rural Sociology*
- Ann Pakalnis, West Union; B.S. (University of Notre Dame); *Pharmacology*
- Phillip James Percel, Oregon; B.S.; *Animal Science*
- Tsung-Min Pien, Taipei, Taiwan; B.S.Pharm. (National Taiwan University); *Pharmacy*
- Pedro Enrique Pinate Bermúdez, Caracas, Venezuela; Médico Veterinario (Universidad Central de Venezuela); *Veterinary Preventive Medicine*
- John Joseph Pole, Sandusky; O.D.; *Physiological Optics*
- Sara L. Poling, Van Wert; B.S. (Miami University); *Allied Medical Professions*
- William Lee Price, Delaware; B.S.; *Industrial and Systems Engineering*
- Diane Johnson Prosser, Columbus; *Home Economics*
- Douglas Cameron Rabe, Clearfield, Pa.; B.S. (Pennsylvania State University); *Aeronautical and Astronautical Engineering*
- Claudia Neubauer Rae, Springfield; B.A. (Linfield College); *Home Economics*
- S. Hanumanth Rao, Bombay, India; B.Tech. (Banaras Hindu University); *Metallurgical Engineering*
- Duane Eugene Reese, Fresno; B.S.Agr.; *Animal Science*
- Mark Frederick Reinking, Indianapolis, Ind.; B.S. (Southwest Missouri State University); *Botany*
- Wayne Douglas Reynolds, Columbus; B.S. (United States Military Academy); *Civil Engineering*
- Ronald Edward Ringenberg, Columbus; B.S. (Taylor University); *Computer and Information Science*
- Richard Gordon Roller, Wichita, Kans.; B.S. (Friends University); *Allied Medical Professions*
- Rosemarie Rossetti, Columbus; B.S.; *Agricultural Education*
- Roman Walter Rossmel, Eden Valley, Minn.; B.S. (Saint John's University); D.D.S. (University of Minnesota); *Dentistry*
- Raj Krishan Pramod Kumar Rustagi; B.S.; *Computer and Information Science*
- Kurt Eric Sanders, Springfield; B.S.; *Food Science and Nutrition*
- Jeffrey Lynn Sawin, Emerson, Ia.; B.S. (University of Iowa); *Computer and Information Science*
- James Howard Schaum, West Salem; B.S. (West Virginia University); *Allied Medical Professions*
- John Alan Schein, Circleville; B.S.Agr. (University of Kentucky); *Agricultural Education*
- M. Joseph Scheingross, Pittsburgh, Pa.; B.S.; D.M.D. (University of Pittsburgh); *Dentistry*
- Jerry D. Schell, Dayton; B.S. (Wright State University); *Metallurgical Engineering*
- Candace Lynn Schleggenburger, Dayton; B.S.N. (Wright State University); *Nursing*
- Dale Robert Schulze, West Chester; B.S.M.E.; *Mechanical Engineering*
- Jane Ann Seger, Bellefontaine; B.S.Agr.; *Agricultural Economics and Rural Sociology*
- Allen Lee Seitter, Marion; B.S.E.E. (University of Cincinnati); *Computer and Information Science*
- John P. Serafin, Columbus; B.S. (Tennessee Technological Institute); *Electrical Engineering*
- Daniel Ray Sheek, Akron; B.S.M.E. (University of Akron); *Bio-Medical Engineering*
- Michael William Sillman, Omaha, Nebr.; B.S.Pharm. (University of Kansas); *Pharmacy*
- Dorothy Ann Skovgard, Hawthorne, Calif.; B.S. (California State University at Chico); *Home Economics*
- Murray Hopper Smith, Westlake; B.A. (Miami University); *Allied Medical Professions*
- Vincent Anthony Spagna, Brooklyn, N. Y.; B.A. (Jacksonville University); M.D. (New York Medical College); *Medical Microbiology*
- Edward Henry Stein, Columbus; B.E.E.; *Electrical Engineering*
- Gregory Lynn Stephens, Enon; *Physiological Optics*
- Keith Allen Stickley, Laura; B.S.; *Agricultural Engineering*
- Samuel M. Stowe, Ottawa; B.A. (Miami University); *Geology and Mineralogy*
- D.W.J. Strauss, Jr., Pomeroy; D.D.S.; *Dentistry*
- Ronald Wesley Tagg, Bellbrook; B.S. (Virginia Polytechnic Institute); *Mechanical Engineering*
- Jaefar Taghavi-Tafreshi, Tehran, Iran; B.S. (Arya-Mehr University); *Electrical Engineering*
- Homayoon Tajbaksh, Tehran, Iran; B.S. (Iran College of Science and Technology); *Electrical Engineering*
- Kazuhiro Tajima, Kanagawa, Japan; B.S. (Keio University); *Electrical Engineering*
- Wei-Chien Tang, Taipei, Taiwan; B.S. (Fu-Jen Catholic University); M.S.; *Computer and Information Science*
- Patricia Ann Taylor, Columbus; B.S.; *Home Economics*
- Fu-Chung Teng, Taiwan; B.S. (Tunghai University); *Mathematics*
- George William Tomecko, Jr., Storrs, Conn.; B.S. (University of Connecticut); *Pharmacy*
- Harrell Emmett Tweedy, Rustberg, Va.; B.S. (College of William and Mary); *Chemistry*
- Hedayatollah Valizadeh-Alavi, Khorramabad, Iran; Licentiate (Jundishapur University); *Civil Engineering*
- Aki E. Valkonen, Hyvinkää, Finland; Diploma Inisnoori (Helsinki University of Technology); *Metallurgical Engineering*
- Robert Russell Vance, Rainelle, W. Va.; B.S.E.E. (West Virginia Institute of Technology); *Electrical Engineering*
- David B. Veverka, Columbus; B.S. (Western Michigan University); *Welding Engineering*
- Alan Robert Vogel, Washington, D. C.; B.A. (Antioch College); *Allied Medical Professions*
- Frederick Robert Vogel, Girard; B.S.; *Microbiology*
- Charles L. Vorce, Columbus; B.S.; *Geology and Mineralogy*
- David Wagner, Garfield Heights; B.S.; *Computer and Information Science*
- Gregory Paul Walker, Stewart Manor, N. Y.; B.A. (Miami University); *Entomology*
- I-Hsiang Wang, Columbus; B.S.E. (National Cheng-Kung University); *Mechanical Engineering*
- Roderick James Warren, Wilmington; B.S. (Case Western Reserve University); *Electrical Engineering*
- Judith Conn Waterston, Granville; B.S.N. (University of Michigan); *Nursing*
- Michael J. Weiss, Evansville, Ind.; B.S. (Purdue University); *Entomology*
- Rosemary Henik Welt, Columbus; B.S. (Northern Kentucky University); *Physiology*
- Randolph Allen West, Cincinnati; B.A. (Miami University); *Astronomy*
- Glenna Kay Long Wheasler, Laramie, Wyo.; B.S. (University of Wyoming); M.S.; *Computer and Information Science*
- Debra Lee Williams, Cleveland; B.S.Ed.; *Home Economics*
- Laura Lee J. Wilson, Huntington, W. Va.; B.S. in Nu.Ed. (University of Pittsburgh); *Nursing*
- Edward John Wnek, Tiltonsville; B.S. (Ohio University); D.D.S.; *Dentistry*

¹ Also Bachelor of Science in Home Economics, College of Agriculture and Home Economics
² Also Doctor of Optometry, College of Optometry

Christopher Eugene Wolfe, Junction City; B.S.; *Agricultural Education*

Wei Young, Taipei, Taiwan; B.S. (National Tsing-Hua University); *Mathematics*

Ellen Wei-wen Yu, Taipei, Taiwan; B.S. (National Taiwan University); *Pharmacy*

Deborah Ann Zankofski, Parma Heights; B.S. (John Carroll University); *Mathematics*

Master of Social Work

Richard Alan Aleshire, Columbus; B.S.; *Social Work*

Harri Amurgis, Columbus; B.A.; (University of Pittsburgh); *Social Work*

Gloria Elaine Andrews, Cambridge; B.A. (Capital University); *Social Work*

Jon Douglas Bailey, Lancaster; B.A. (Indiana University); *Social Work*

Bruce Stanton Barker, New Haven, Conn.; B.A. (University of California at Santa Cruz); *Social Work*

Jennifer J. Barnes, Columbus; B.A. (Miami University); *Social Work*

Linda L. Bellinger, St. Clairsville; B.A. (Ohio University); *Social Work*

Henry B. Berry, Clinton, N. C.; B.A. (Fayetteville State University); *Social Work*

Linda Beal Blandly, Columbus; B.S.Soc.Wel.; *Social Work*

Kathleen Marie Boston, Richfield; B.A. (University of Akron); *Social Work*

Michael Albert Broidy, Columbus; B.S.Bus.Adm.; *Social Work*

Mark H. Buckingham, Albuquerque, N. Mex.; B.S. (University of Illinois); M.A.; *Social Work*

Linda Gatten Butler, Springfield; A.B. (Ohio University); *Social Work*

Melanie Gale Cantor, Baldwin, N. Y.; B.S.; *Social Work*

Barbara K. Chamberlin, Cincinnati; B.A. (Miami University); *Social Work*

Diana Lynn Cline, Columbus; B.A.; *Social Work*

Peter Jude Collier, Mt. Vernon, N. Y.; B.A.; *Social Work*

Elizabeth Commeyras-Frickman, Boston, Mass.; A.B. (Radcliffe College); M.Ed. (Northeastern University); *Social Work*

Brenda Letitia Davidson, Canton; B.S.; *Social Work*

Beth Jefferies DeFranco, Columbus; B.A. (Miami University); *Social Work*

Joan DeGregory, Akron; B.A. (University of Akron); *Social Work*

Donna Lynn Logan DeWees, Columbus; A.B. (Ohio University); *Social Work*

Jan G. Driggs, Crooksville; B.A. (Bowling Green State University); *Social Work*

Maureen Drouin, Lawrence, Mass.; B.A. (University of Massachusetts); *Social Work*

Sandra Brookman Dunn; B.A.; (University of Florida); *Social Work*

Kathie Lee Filsinger, Chillicothe; A.B. (Ohio University); *Social Work*

Denise E. Fitzpatrick, Cincinnati; B.S. (University of Cincinnati); *Social Work*

Carol A. Forbeck; B.S.S.W. (Southern Illinois University); *Social Work*

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College of Humanities

College of Mathematical and Physical Sciences

College of Social and Behavioral Sciences

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Gregory Michael Storer, Cincinnati

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² Also Doctor of Dental Surgery, College of Dentistry

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Dean: Patrick R. Dugan

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Scott Cameron, Gallipolis
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Michael Emmitt Collier, Pickerington
Michael Colosimo, Columbus
Michael Alan Cooper, Toledo
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Bradford William Roesch, Pickerington
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Lori Pamela Rudin, Lyndhurst
Rebecca Ann Runyan, Kettering
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Riley London Salmons, Columbus
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Martha Jane Schaad, Columbus
Janice Elaine Schindler, Kent
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Valerie Ann Sorkin, Columbus
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College of Humanities

Dean: Diether H. Haenicke

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¹ Also Doctor of Dental Surgery, College of Dentistry

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 John Curtis Dowling, Worthington
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 Tamila Lynn Franklin, Peebles
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 James Michael Friedland, Akron
 Lynne Shelley Frye, Columbus
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 Gail Elizabeth Brown Ponomarev,
 Columbus
 Larissa Popel, Columbus
 Gaye Lynette Purdy, Sylva
 George William Quillin, Columbus
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 Jane Leslie Romeo, Galloway
 Gary Phillip Rosen, Columbus
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Dean: Colin B. B. Bull

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 Robert Scott Rose, Amherst
 Peter James Sawczuk, Farmdale
 Lawrence Byron Shaefer, Fairlawn
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 Richard Gregory Porter, Columbus
 Thomas Edward Postal, Cincinnati
 Kirk Alan Pottinger, Columbus
 James Alfred Prenger, Minsler
 Timothy H. Proud, Cincinnati
 Thomas Walter Przyblysa, Medina
 Sara Jane Purcell, Columbus
 Bradley Stephen Rabal, Bellville
 Randall G. Rabold, Columbus
 Paul Francis Racher, Columbus
 Susan Mona Rackoff, Columbus
 Robert Louis Rainone, Lyndhurst
 Kevin Duane Rakestraw, Dayton
 Robert Bruce Ramsey, Powell
 Mark Allan Ray, Alliance
 Steven Craig Reid, Columbus
 Jon Norman Reed, Columbus
 Keith William Reeves, Brecksville
 Cynthia Mussman Reichard, Powell
 Robert William Reiner, Willoughby
 Lauren Lee Richardson, Amherst
 George Brian Rings, Montpelier
 John Christian Robertson, Lyndhurst
 Daniel Joseph Roderick, Lakewood
 Michael Brooks Rorapugh, Columbus
 William David Rosenbaum, Vermilion
 Cynthia Lynn Ross, Akron
 Richard Anthony Rosselet, Worthington
 Kevin Alan Rubin, Toledo
 John A. Rybak, Northfield
 Sidney Spencer Sawitz, Dayton
 Kathleen Denise Sarvis, Akron
 James T. Savoca, Solon
 David Nelson Sceva, Urbana
 Randy Alan Schaber, Mansfield
 Deborah Ann Scheiman, Dayton
 Martine Jane Scheuermann, Willoughby
 Michael Matthew Schmidt, Columbus
 David William Schmitt, Bridgeport, W. Va.
 Joanne F. Schmitz, Columbus
 Joseph Roy Schoenstein, Columbus
 Donald William Schrader, Belpre
 Michael Steven Schreiberman, Celina
 Cynthia Ann Schroeder, Columbus
 Jill Sue Schumann, Geneva
 Heene Diane Schwartz, Pittsburgh, Pa.
 Robin Sue Schwabel, Williamsville, N. Y.
 Steven James Schwickert, Columbus
 Robert Louis Scott, Richmond Heights
 Alan R. Seffens, Logan
 Oliver Joseph Sever, Jr., Delphos
 Gary Robert Shafer, McComb
 David Alan Shanks, Columbus
 Brent Alan Sheffer, Canton
 Thomas Kevin Sherwin, Timberlake
 Joyce Arlene Shine, Rumson, N. J.
 Alvin Dean Shipman, Delta
 William J. Shopoff, Columbus
 Mary Lynn Shust, Grove City
 Scott Geoffrey Silk, Cleveland
 Kandy Lou Simmons, London
 Stephen M. Simon, Hubbard
 Carlton Yun Huang Siu, Honolulu, Hawaii
 Bradley Donald Smith, Cincinnati
 Jeffrey Alan Smith, Fairfax
 Dennis Paul Stark, Edgerton
 Robert Eugene Staton, Avon
 David G. Stearns, Columbus
 Kenneth Robert Steele, Shelby
 Todd A. Stein, Akron
 Rebecca Lora Stentz, Mansfield
 Mark Howard Stewart, Wooster
 Jon Lee Stillwell, Cincinnati
 Bert A. Stinebaugh, Springfield
 Stephen M. Stockien, Circleville
 Marc Edward Stockwell, Bryan
 Richard J. Stojny, W. Milfin, Pa.
 Frederick Ralph Suckow, Pearsburg
 Mark John Summers, Newark
 David Michael Sutorius, Columbus
 Paula Marie Swider, Columbus
 Douglas Alan Swieterman, Springfield
 Evelyn Marie Swoboda, North Olmsted
 Bradley Joe Swonger, DeGraff
 Thomas Mark Szabo, Westerville
 Jonathan R. Tabor, Upper Arlington
 Mark Allan Tallman, Cincinnati
 Victor Allen Taylor, Ashtabula
 Gary Michael Terlecki, Campbell
 Richard Anthony Thiel, Hicksville
 Douglas Mark Thielman, Napoleon
 Eric Charles Thiguldstad, Worthington
 Brian Rhye Thomas, Zanesville
 Jimmy Wayne Thomas, Ashland
 Tracy Martin Towne, Middleburg Heights
 Arthur Charles Townley, Wellsburg
 Steven James Troup, North Canton
 Gary Lee Trucinski, New Philadelphia
 Melrene Kay Truesdale, Elida
 Alfred Bernard Tsen, Westerville
 Paul Joseph Tupa, Fairview Park
 Jack Eric Tuttle, Maumee
 Steven Eric Unger, Cleveland
 Linda M. Vallen, Youngstown
 Joseph Melvin Vallo, Minster
 Drew Ralph Vaneck, Fairview
 Kenneth Karel van Ooyen, Shelby
 Rex Ray Vermillion, Fairborn
 Lyle Wayne Vikre, Jr., Columbus
 Gay Lynn Vincent, Mt. Sterling
 William Wallace Vogelgesang, Madison
 Thomas Joseph Vuotto, Cincinnati
 Stephen Mark Wagner, Columbus
 Elizabeth Ann Waidron, Amherst
 Stephen Paul Wallace, Van Wert
 Thomas Elmer Walser, Somerset
 Terry Lee Walter, New Philadelphia
 Peggy Ann Ward, Columbus
 Wendy Lu Ward, Mentor
 Gerry Lee Washington,
 Huntington, W. Va.
 Elizabeth Ann Watts, Bucyrus
 Catherine Louise Waugaman, Brunswick
 Kelly Elizabeth Weber, Dover
 Pamela Anice Weidner, Gahanna
 Steve Joseph Weisenstein, Columbus
 Patricia Sue Welch, Findlay
 Linda Bruce Welsh, Cincinnati
 Alan Winfield Whitman, Melville, N. Y.
 Carol Elaine Wickerham, Columbus
 Michael James Wiens, Columbus
 Daniel Scott Wigton, Marion
 Steven Douglas Wilcher, Winterville
 Jeffrey Watt Williams, Columbus
 Bruce Edward Wilson, Columbus
 Daniel L. Windle, Findlay
 Stephen Donnelly Wing, London
 Ellen Louise Winterland, Scottsdale, Ariz.
 David Alan Wise, Dayton
 Patricia Louise Wise, Gahanna
 Bruce Touby Witzky, Mansfield
 David Ray Wolfe, Zanesville
 Jesse Richard Wolfe, Jr., Pickerington
 M. Lynn Wolfe, Columbus
 Kenneth Allen Wright, Urbana
 Constantine Steve Yannias, Addison, Ill.
 John Webster Yark, Toledo
 Randall Paul Yaussy, Bucyrus
 Kenneth Yee, Toledo
 Lawrence Scott Yellin, Fairlawn, N. J.
 Valerie Jane Yocac, Conneaut
 David Ian Young, Columbus
 Donald George Young, Logan
 Rolando Francisco Young,
 Republic of Panama
 James Joseph Yurasek, Columbus
 Mark Francis Zenni, Cincinnati
 George Joseph Zilich, Garfield Heights
 Linda Marie Zimmerman, Fairview Park
 Thomas Gordon Zimmerman, Cambridge
 James Madison Zinser, London
 Richard Francis Ziska, Jr., Columbus

Bachelor of Science in Labor and Human Resources

Mary G. Gagen, Southold, N. Y.
Alan Robert Grossberger, Cleveland
William Kenneth Knoke, Fremont
David Craig Rowe, Richmond, Va.
Beverly Kay Stalder, Miamisburg
Christine K. Tibbitts, Marion
James Alan Wilson, Richmond Heights

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

Jeffrey Kenneth Adams, Middlebury, Vt.
Rodney Ralph Adams, Huntsburg
Franklin James Adkins, Vermilion
Gretchen Elaine Alberts, Lebanon
Roberta Lynn Albright, Dayton
Douglas James Alderman, Cincinnati
Brian David Alger, Mantua
Virginia Louise Allending, Loudonville
Daniel Thomas Anderson, Maumee
Gregory Hull Averill, Columbus
Janice Eileen Bacon, Seven Hills
William Duane Baldwin, Columbus
William Leo Barga, Rossburg
Jeffrey Jay Barkemeyer, McKeesport, Pa.
Beverly Lynn Barr, Hixson, Tenn.
Myron John Bender, Fremont
Howard Lee Black, Bellville
Joseph Mark Blair, Chillicothe
George R. Blind, Norton
Jeffrey Eugene Bline, Mechanicsburg
Lisa Laurentia Bodo, Chesapeake
Dennis Mark Bollenbacher, Rockford
Donald Edwin Bradley, Bellefontaine
Cheryl Anne Branibar, Sparta, N. J.
Belinda Lee Bresnahan, Powell
Michael Keith Brock, Columbus
John Robert Brooks, Alexandria
Randal Norman Brue, Sylvania
Michael Arthur Bumgarner, Mechanicsburg
Dennis Martin Burian, Lancaster
Frank George Carrozz, Batavia
John Franklin Burton, Akron
Ralph E. Cable, Medway
James Nelson Caldwell, Jr., New Richmond
Anthony Bruce Campbell, Logan
Gregory Lee Cantrell, Shreve
Gregory Hugh Cappadono, Lewisville
Frederick Chert Carrozz, W. Va.
James William Cartwright, Columbus
John Melvin Cartwright, Salesville
John Daniel Chappell, Columbus
Robert Lee Christy, Reynoldsburg
Connie Lou Coffman, Oridersville
Margaret Dee Coffman, Columbus
Jeffery Ruth Colan, Columbus
Steven Wayne Conley, Ada
Cecilia Marie Connair, Kettering
Cynthia Sue Correll, Columbus
Lonnie Paul Coulter, Jr., Columbus
Amanda Katherine Coyle, Oregon, Wis.
Patricia Sue Coyle, Port Clinton
Paul Stanley Coz, Ravenna
James Spencer Danel, Crooksville
Paul Herbert Daniels, Warren
Denise Davidson Mills, Columbus
John Merritt Davis, Columbus

John Michael Davlin, Sandusky
Theodore James Diedrick, LaGrange
Barbara Jayne Dietz, Mentor
James Richard Dillon, Columbus
David William Doody, Rocky River
Mary Jane Dore, Tiffin
Ronald Lee Dougherty, Newark
Philip Bennett Drake, Jr., Columbus
John Randall Drinko, Worthington
Brian Frederick Drum, Marysville
Harry Charles Dundore, Orwell
Terry Don Durham, Wellington
Lee Michael Ellison, Plano, Tex.
Jeffrey Roy Emerson, Burton
Stuart Alan Ensor, Medina
Barbara Marie Eppich, Willowick
Michael David Eppley, Elyria
Dave Garrett Eversole, Baltimore
Dwane Leslie Fagaly, West Chester
Sharon Lee Fain, Cincinnati
Timothy David Faller, Hyattsville, Md.
Lynette Fenstermaker, Baltimore
Arthur Shane Finn, Williamsville, N. Y.
Karen Linda Fitzpatrick, Louisville
Tana Arlene Flack, Howard
Michael Ralph Fleming, Trimble
Susan Elaine Flomerfeld, Xenia
John Clark Foltz, Worthington
Rebecca Evelyn Fouse, Dayton
Zachary Franklin, Cincinnati
Deborah Anne Frederick, Cleveland
Deborah Ann Frolicher, Cincinnati
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John Joseph Gardias, Cleveland
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Jeffery Fritz Gerhard, Greensburg, Pa.
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North Palm Beach, Fla.
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Cleveland Heights
Robert Frank Gornichec, Mentor
Robert William Groves, III, Bellefontaine
William Francis Hahn, Bellevue
Suzanne Halas, Columbus
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Gregory Allyn Hall, Copley
Lara Eugene Haney, Columbus
Susan Kay Hanifan, Grand Rapids
Jawn Lynn Hardinger, Denton, Tex.
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Kenneth William Harvey, Columbus
Thomas James Heitzman, Lynchburg
Peter William Hellyer, Akron
Marilyn Robert Heminger, Oak Harbor
Charles William Henley, Loudonville
Pamela Joan Herron, Cadysville, N. Y.
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Jerry Robert Hetrick, Fremont
Maribeth Lee Hilberg, Wilmington
Christina Janet Hiles, Worthington
Robert Hines West Salem
James Dalton Hodgins, Marion
Charles Luther Hofacre, Wooster
Steven James Hoffman, Wooster
William Michael Hogan, Forest
Thomas Allen Holmes, New Philadelphia
Ellen Janet Imhof, Hiran
Phillip Peter Jordan, Washington, Ind.
Joseph Benson Alfred Kandeh,
Freetown, Sierra Leone
Jeffrey Gerard Kinzbach, Columbus
Joel Coulombe Kitchens, Batavia
Jeffrey Allen Klein, Brecksville
Lisa Ann Kline, Perrysburg
William Dee Kline, Nashville
Ray Loren Kocher, Mansfield
John Raymond Koesters, Maria Stein
Paul Thomas Kotlinski, Columbus
Janice Marie Kozloski, Lorain

Katherine Mary Kwiatkowski, Delaware
Michael Lewis Landers, Urbana
Dean Arian LaRue, Stoutsville
Joel Arthur Lawitta, Syracuse, N. Y.
Cynthia Ann Lee, Bloomingdale
Joseph Scott Leistner, Columbus
Douglas Alfred Lepper, Columbus
Brenda Kaye Lockwood, Urbana
Keith Alan Lodge, Columbus
Philip Alan Lowe, Beverly
Jimmy Lee Lucas, Carrollton
Kevin Harold Lucas, Bethesda
Douglas Eugene Lyme, Ansonia
Deborah Gale MacMillan, Lorain
Mary Catherine Maloney, Columbus
Timothy James Mantey, Marion
Richard Dale Marks, Massillon
Herbert A. Mayer, Cincinnati
Kelli J. McAfee, Woodbridge, Va.
Daniel Skiles McAllister, Cincinnati
Daniel Kevin McConnell, Zanesville
Jeffrey Earl McMullen, Middletown
Michael Robert McNamara, Shadyside
David Wayne McPherson, Kenton
Jeffrey Keith Melting, Cuyahoga Falls
Charles Eric Metzger, Williamsport
Karen Susan Metzger, Shelby
Karen Ann Michel, Zanesville
Scott Douglas Michelich, Westlake
Gary Scott Miller, Delaware
James Harold Miller, Convoy
John Scott Miller, Dublin
William Glenn Miller, Tiffin
Douglas Kelley Mills, Columbus
David Lewis Minnick, London
Susan Jean Miskinis, Worthington
Steven Dale Mochel, Wadsworth
Ann Marie Mockler, Columbus
Michael Pascal Monks, Hoosick Falls, N. Y.
Timothy Joseph Moore, Washington C. H.
George Robert Motichok, Columbus
Kathryn Hildegard Moyers, Tallmadge
David Jon Musgrave, Arlington
Dennis Ervin Myers, Monroeville
Melinda Kristine Myers, Columbus
John Charles Nagy, North Madison
Stephanie Lynn Nall, Perrysville
Jacqueline Faye Neumann, Cleveland
Thomas Allen Oberhaus, Napoleon
Carl Herbert Oberlittner, Kenton
John Douglas Ott, Canton
Larry Keith Overholt, Fredericktown
Paul Stephen Patronik, Toledo
Robert Michael Paulin, Dover
Pamela Lee Petzel, Kingston
Colleen Lynn Pahl, Akron
Shelley M. Phillips, Alliance
Raymond A. Piar, Mt. Vernon
Keith Douglas Pickering, Seven Hills
Theresa Marie Pinamont, Stillwater, Okla.
Dennis Dale Pohlman, Delphos
Harold William Porginski, Portsmouth
William Eugene Pound, Newark
Amy Lynn Fressler, Wadsworth
Martha Jean Pritchard, Columbus
Jeffrey Lee Punderson, Marietta
Carol Jean Rader, Columbus
Susan Mary Ratterman, Worthington
David Lee Raubenolt, Loudonville
Nancy Goulet Raper, Columbus
Sharon Lucille Reiter, Wadsworth
Terry Alan Rhoades, Whitehouse
Karmel Linda Ricciardi, Hicksville, N. Y.
Jeffrey Lyle Rienks, Columbus
Dennis Joseph Rietman, Minster
Bradley Kent Rife, Woodville
Lori Jean Rigdon, Columbus
Michelle Ann Risher, Columbus
Jayne Marie Roth, Orrville
James Dale Rothenbach, Jr., Okeana
Rebecca Laura St. Phillips, Syracuse, N. Y.
Carolyn Marie Sauer, West Farmington
William Arthur Schaefer, Bloomingburg
Sally Lorraine Schaffner, Columbus
Ann Elaine Schable, Wooster
Debra Ann Schley, Worthington
James Joseph Schneider, Delaware

1 Also Master of Science, Graduate School

Carl Romie Schumaker, Carlisle
 Chester William Shallenberger, Kent
 Virginia Obert Shallenberger, Loveland
 Stuart Alan Shepherd, Hamilton
 Kris Jon Shumard, Miamiville
 Carol Eileen Siegley, Marion
 Theodore Karl Sill, Circleville
 Robert Ronald Simon, Ashland
 Carleta Lynne Smith, Washington C. H.
 Gary Paul Smith, Columbus
 Richard Caleb Smith, Mansfield
 Edwin William Snyder, Hilliard
 Carol Lynn Sommer, Worthington
 Peggy Anne Sonnenberg, Bowling Green
 Rhonda Williams Southard, Columbus
 Larry Michael Spanski, Grafton
 Christopher Spellmire, Lebanon
 Steven Robert Spieth, Napoleon
 Walter Chad Stachecki, Water Mill, N. Y.
 William Andrew Stanton, Chillicothe
 Michael Lawrence Stine, West Salem
 Frances Marian Stith, Georgetown
 Paul Keith Stoll, Edgerton
 Mary Ellen Swan, Ontario, N. Y.
 Joe Tacyama, Brooklyn, N. Y.
 Nevin Lynn Taylor, Kenton
 Roger Scott Tedrick, Mineral City
 Beth Ellen Tegge, Columbus
 Cindy Sue Thieroff, Defiance
 LeeAnn Thompson, Wooster
 Jennifer Marie Thorpe, Troy
 Michael Doyle Tolbert, North Olmsted
 James Carl Tschantz, Cuyahoga Falls
 Robert Alexander Unkovic, Pittsburgh, Pa.
 John Charles Vanetti, Alliance
 Joseph James Velovitch, Canton
 Scott Gregory Vergara, Worthington
 Pamela Cole Vivian, Columbus
 Cynthia Kaye Wagner, Hillsboro
 Gregory Eugene Ward, Maplewood
 Thomas Eric Warsinskey, Akron
 Janet Marie Wasko, Adena
 Jeffrey Dankmeyer Watt, Columbus
 Kathleen Miriam Weber, Columbus
 Lowell Eric Weber, Archbold
 Marc Alan Wedding, Raymond
 Mark Frederick Weingold, Shaker Heights
 Jerry Lee Wenger, Dalton
 John Albert Wenning, Coldwater
 Philip John Welsh, Hillsboro
 Frederick Lee White, Belleoit
 Timothy Mark Wiater, Bridgeport
 John Wendell Wiley, Richwood
 Joyce Ann Williams, Van Wert
 Cynthia Jane Wine, Wheaton, Ill.
 David James Winter, Columbus
 James Theodore Winzenried, Orient
 Natrix Ann Wise, Lakeville
 Earl Lincoln Witsman, Stow
 Edward Earl Wittmer, Avon Lake
 Marianne Catherine Woerner, Cincinnati
 Montford Wayland Wolf, Cincinnati
 Donald Rodney Worden, Bucyrus
 Deborah Ann Wright, Johnstown
 Nathan Alan Wright, Vt.
 Charles Brent Yoder, Bellefontaine
 James Michael Zoller, Pepper Pike
 Richard Eugene Zoller, Pepper Pike
 William J. Zuga, Cortland

Bachelor of Science in Food Science

Dolores Jean Camp, Hicksville
 Daniel Garvin Cassanos, Newark
 Karen Sue Hartnagel, Orrville
 Andrew Lloyd Kohnhorst, Pickerington
 David Jonathan Louis, Washington C. H.
 Jeffrey Alan Love, Worthington
 Ralph Scott Novek, Solon
 Lisa Kay Oeter, Cincinnati
 Carol Ann Pennybacker, Blacklick
 Vincent Pengel Taylor, Worthington
 Michael Karl Waytowich, River Edge, N. J.

Bachelor of Science in Food Technology

David Bruce Barnhart, Dayton
 Bruce Allen Fraser, Steubenville
 Kathy Ann Fulmer, Cincinnati
 Carl Sue Garringer, Columbus
 Mary Lou Gott, Worthington
 Jana Lee Hale, Wilmington
 John Phillip Hoesman, Woodville
 Michael Lee Hurlow, Mt. Vernon
 John Albert Janney, North Olmsted
 Thomas Joseph Marosi, Rocky River
 Robert Carl Phillips, Columbus
 Barbara Jean Reitzel, Youngstown

Bachelor of Science in Nutrition

Connie Ruth Barnes, Wooster
 Joseph Carter Barone, Columbus
 Marjorie Konstandt Beaulieu, Danbury, Conn.
 Nancy Jean Kawejsza, Miami, Fla.
 Erin Anne McLaughlin, Pittsburgh, Pa.
 William Reese Owens, Chesedda, Md.
 Patricia Lee Rose, Uniontown
 Paul Morris Stoffregen, Columbus
 Linda Sue Sturni, Fairborn

School of Home Economics

Bachelor of Science in Home Economics

Deborah Lee Albright, Willard
 Renee Margaret Anderson, Lancaster
 Mickey Jo Army, Ohio City
 Candace Kay Ashbrook, Alexandria
 Anita Kay Ault, Wayne
 Marsha Fay Baehr, Bucyrus
 Jacqueline Eileen Baker, Richmond
 Joyce Ann Battson, Sidney
 Betsy Ann Beard, Dayton
 Sharyl J. Becker, Rochester, N. Y.
 Nadine Smythe Bostwick, Columbus
 Marlene Braun, Washington C. H.
 Paulette B. Buchheim, Cincinnati
 Diane E. Burns, Zanesville
 Cheryl Lynn Buzby, Baltimore
 Jody Susan Byrd, Columbus
 Mary Jo Carano, Campbell
 Pamela Lee Charette, Lexington
 Judith Lynn Claitman, Monroeville, Pa.
 Stephanie Dortha Cook, Columbus
 Constance S. Corbin, Columbus
 Kimberly Sue Corry, Grove City
 Susan Patricia Crites, Columbus
 Renee Jean DeCaro, Cincinnati
 Mary Elaine Dean, Hillsboro
 Debra A. Dininger, Tiffin
 Kathleen Ann Donkelaar, Westerville
 Kay Lynn Eberle, Columbus
 Donna Yvonne Enoch, Dayton
 Elise Marie Farley, Columbus
 Susan E. Feldman, Cincinnati
 Martha Marie Flood, Salem
 Katherine Elaine Fowl,
 Homestead Air Force Base, Fla.
 Ellen Elizabeth Freer, Ashland
 Pamela Anne Gabel, Columbus
 Judith Ann George, Rayland
 Renee E. Gilman, Girard
 Nancy Jo Goettmoeiller, Botkins
 Donna Jean Goff, Columbus
 Joan Graves, Fairlawn
 Betty M. Gray, Grandview Heights

Kathryn M. Grismer, Cincinnati
 Carol Lynne Gscheidle, Cincinnati
 Laurie A. Hanna, Pittsburgh, Pa.
 Patricia Ann Herbert, Columbus
 Doris Anne Higgins, Dayton
 Lynne LeRean Hodapp, Lebanon
 Rosemary Smith Houchins, Columbus
 Deidre Ann Huddle, Columbus
 Nadine Sue Ishmael, Columbus
 Teresa E. Janiak, Monroe, Mich.
 Mary Elizabeth Jolley, Sidney
 Catherine Anne John, Shelby
 Eric Alan Johnson, Columbus
 Wendy Lee Johnson, Lima
 Jennifer Ann Joyce, Columbus
 Lori Jane Kah, Wapakoneta
 Cheryl Lynn Katz, Akron
 Susan Maria Katz, Cincinnati
 Nancy Lynn Kenny, Columbus
 Teresa Ann Marie Kline, Sheffield Lake
 JoAnn Kuhlman, Ft. Mitchell, Ky.
 Susan Marie Laupworth, Newark
 Susan Joy Laubach, Wooster
 Karen Elise Lavery, Aurora
 Andrea Malia Levy, Cleveland
 Anna Louise Ronald Lyon, Columbus
 Jennifer Jo Marshall, Cridersville
 Carol Jean Martin, Seville
 Patricia Ann Marzilli, North Canton
 Teresa Lynn McElDowney, Kettering
 Diana Corry McKeever, Springfield
 Nancy Meier, Worthington
 Amy Jo Mertz, Columbus
 Kathleen Ann Suter Michelich, Pandora
 Cynthia Ann Miller, Upper Sandusky
 Sabrina Caroline Mitchell, Fredericktown
 Elizabeth Ann Monaco, Parma
 Rebecca Lee Moore, Portsmouth
 Kathleen Ruth Murray, Milan
 Lisa Ellen Murtha, Worthington
 Juliana Myers, Lancaster
 Susan Marie Naymik, Lorain
 Nanci Jo Nims, Birmingham, Ala.
 Jane Ann O'Shaughnessy, Sheffield Lake
 Beth Ann Owings, Cincinnati
 Laurel Lee Peterfy, Columbus
 Elizabeth Ann Phillips, Worthington
 Susan Marie Proctor, Liverpool
 Diane Johnson Prosser, Columbus
 Kathleen Sue Quillet, Fayette
 Rebecca Jean Randles, Coshocton
 Christine M. Rea, Brecksville
 Holly Rhinehart, Steubenville
 Chrissy Lee Richards, Eaton
 Gayle Michele Robb, A.P.O. New York
 Sara Ann Roby, Worthington
 Mandie Kay Rose, Long Bottom
 Norma Jean Sawatzky, Columbus
 Lisa Ellen Schomer, Beachwood
 Karen Paula Schottenstein, Columbus
 Nancy Lynn Sebastian, Columbus
 Michele Ruth Seclier, Newton Falls
 Jo Anne Shaffer, Harrod
 Jeri Beth Shore, Shaker Heights
 Michele Sue Simon, University Heights
 Lori Marie Streng, Columbus
 Carol Lynne Snyder, London
 Susan Patrice Sommerfeld, Plain City
 Judith Kay Sommers, Bridgeport
 Anna Marie Staubus, Columbus
 Henry Alan Stein, Port Washington, N. Y.
 Wendy K. Stewart, Grove City
 Lee Anne Straker, Zanesville
 Martha Jane Streng, Columbus
 Barbara A. Studders, Toledo
 Kathleen Marie Swierz, Zanesville
 Lisa Marie Taylor, Dayton
 Jane Anne Timmons, Coshocton
 Sara Marie Tipton, Portsmouth
 Susan Kay Urig, Elyria
 Lois Diane Valente, Berea
 Anne Vandever, Troy
 Carol Elizabeth Vost, Grove
 Debbie Wakser, Beachwood

1 Also Master of Science, Graduate School

Helen Mae Ward, Houston
Carmie Jane Weintraub, Akron
Gloria Jean Zupcan, Madison

Bachelor of Science in Nutrition

Carolyn Sue Hixson, Kingston
Thomas Hull Naumoff, Orrville

Bachelor of Science in Restaurant Management

Laura Ellen Bryszac, Columbus
David Leslie Caldwell, Lakeside
Linda Sue Day, Hamsersville
Robert Leland Evans, Rocky River
Gregory Katona, Columbus
Daniel Brady Landis, Columbus
Beatrice Loraine Leistner, Columbus
Roger Alan McDonald, Columbus

School of Natural Resources

Bachelor of Science in Natural Resources

Christopher E. Alatis, Shaker Heights
Andres Dale Ardito, Columbus
Herman Jackson Bailey, Columbus
Brian Carl Barr, Columbus
Thomas David Beatty, Columbus
James Robert Beckman, Fremont
Ronald Craig Bensinger, Columbus
John Theodore Benze, Ashtabula
Steven Michael Bergin, Columbus
Daniel James Best, Avon Lake
Betty Jean Boe, Columbus
Mary Anne Bohus, Lansing
Betsy Ellen Bolin, Columbus
Ernest William Busack, Wintersville
Joseph Gregory Caple, Painesville
Beverly Jean Cole, Lima
David Michael Coons, Columbus
Scott Charles Crable, Cincinnati
Joel Laurence Davis, Akron
Joyce Carolyn DeLeo, Pittsburgh, Pa.
Valerie Ann DeMuth, Worthington
Catherine Eileen Donovan, Cincinnati
Lisa Jean Dunmire, Columbus
Joseph Edward Ehrman, Columbus
Joseph Allen Emmons, Greensville
Ernie B. Eschhofen, Canton
James Norbert Erney, Columbus
Clark Everly, Belleville
Donald John Fairbanks, Mentor
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Constance Joan Flick, Cincinnati
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Richard E. Griffin, Columbus
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Francesca Eda Gross, Columbus
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Douglas Robert Hague, Whiting, N. J.
Victor Allen Harris, Wellington
Linda Lee Harshman, Cincinnati
Elmer Walter Keyer, Jr., Harrison
Wayne Anthony Holmes, Columbus
Jeffrey Francis Howell, Poland
Suzanne Marie Hultz,
Farmington Hills, Mich.
Marvin Itzkowitz, Dayton
Edward Francis Janesz, Fairview Park
Kathleen Gay Keller, Canandaigua, N. Y.
Mary Anne Kettler, Cincinnati
George Raymond Kikel, Bedford

Catherine Louise Kilpatrick, Rocky River
James Kenneth Knapp, Jr., Clarksburg
David Anthony Lab, Massillon
Donn William Landers, Berea
Nelson Craig Lane, Columbus
Philip David Leopold, Morristown, N. J.
Brian David Licht, Aurora
Elizabeth Ann Marschall, Westerville
James Daniel Martin, Cumberland
Michelle Ann Masters, Southington
Julie Rae Mathie, North Canton
Robert Gene McCleave, Findlay
Carol Ann Messmer, Columbus
Dennis Bruce Mishne, Mayfield Heights
Cathleen Anne Mitchell, North Olmsted
Diana Lee Morse, Dayton
Larry Gene Newton, Beverly
Ernst Peter Oergel, Cleveland
Thomas Martin Fogaenik, Lorain
Scott G. Popoff, Dayton
Thomas Joseph Powell, Shaker Heights
Jeffrey Alan Fraht, Parma
Joseph H. Primosch, Wickliffe
Theresa Marie Quinn, Columbus
Robert Eugene Race, Loveland
Gabriele Diane Reil, Columbus
Christopher J. Reis, Columbus
Paula Jeanne Riehm, Cincinnati
Jeffrey Scott Robinson, North Canton
Arthur Roger Roden, Hamilton
James Steven Roloson, Columbus
Don James Seward, Leesburg
Brenda Aileen Shively, Cincinnati
Gregory Alan Silbaugh, Westerville
Mark Christen Smith, Mingo Junction
Randy Lee Smith, North Canton
Victoria Lynn Smith, Mansfield
Debra Jean Snodgrass, Portsmouth
Heidi Beth Sorin, University Heights
Richard Charles Stanley, II, Dayton
Steven James Stibaner, Webster, N. Y.
Nancy Louise Strayer, Elida
Kathleen Sullivan, Toledo
J. Richard Taylor, Plain City
James Elmer Thines, Cincinnati
Deborah Marie Van Dyke, Bexley
Joanna Elizabeth Villies, Mingo Junction
John Joseph Wagenhofer, Toronto
Scott Joseph Waibel, Canal Winchester
Bruce David Weinberg, Akron
Craig Lawrence Wenner, Bucyrus
Terry Lee Wilder, West Jefferson
J. Brad Wilson, Mansfield
Richard Arthur Wittberg, Cincinnati
Kathy Louise Wolfe, Bay Village
Robert Frederick Wright, Newark

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Kerri Diane Canon, West Middlesex, Pa.
Norman Curtis Carpenter, Marshallville
Amy Caudill, Heath
George Sherman Churchill, Orleans, Vt.
Ann Marie Cichy, Toledo
John Richard Clawson, Wellington
David Alan Compston, Cincinnati
Richard John Conrad, Grafton
Michael Alan Corcoran, Chillicothe
Catherine Cecilia Cuiksa, Cleveland
Francis Joseph Cummings, Willoughby
Richard Alan Daugherty, Chardon
Cindy Arlene Davis, Pleasant City
Douglas Dean Dawson, Delaware
Bradley J. Deavers, Lisbon
James Eric DeLong, Burton
David Gerard Dickman, Clyde
Lambert Anthony Dieringer, Wauseon
Allen Jay Douce, Caledonia
Catherine Ann Drury, Johnstown
Leona Gail Core Duckett, Pomeroy
Brian Daniel Duffy, Clyde
Diann Doris Durr, Middleburg Heights
Beth Joy Dustman, Salem
Michael Lee Ellis, Zanesville
Jerry Lee Emerich, Bradford
William Edward Enyart, Toledo
Susan Elaine Eselgroth, Chillicothe
Ronald Lee Etter, New Lebanon
David Scott Etkorn, Wapakoneta
Craig Mathew Everett, Maumee
Loretta Ruth Ewart, Akron
Paul J. Fishman, University Heights
Kathy Jo Fleming, Lower Salem
Stephen Rush Friddle, Canton
Byron Paul Gearhart, Chillicothe
Nicholas Craig Gentile, Columbus Station
Thomas Allan Green, Jr., Wooster
Kenneth Ray Grimes, Alliance
Timothy Dean Gross, Walbridge
Mark Francis Grusenmeyer, Dayton
David Thomas Hackett, Jr., London
Michael James Hall, Gray, Me.
Donald James Harper, Shreve
Nancy Jean Hartshorne, Cincinnati, N. J.
Shari Lynn Hassler, Shelby
Joy Renee Hawkey, Piqua
Brian William Henestofen, Logan
Janette Joanne Henry, Newton Falls
Dirk Regan Hill, Newbury
Bruce Allen Hines, Sunbury
Kristi Ann Hoobler, Newcomerstown
John Brian Hoyle, Canfield
Brian Joseph Huber, Fairfield
Daniel Kevin Isenberg, Andover
Gregory Allen Johnson, Orrville
Wayne Martin Johnson, Marshallville
Kenneth Ross Johnston, Zanesville
Scott Alan Jones, Bay Village
Timothy Richard Kelley, Heath
Harry Martin Kinkes, Warren
Jane Ann Kirsch, Canton
Scott Jeffrey Kishman, Chicago, Ill.
Terry Joseph Kish, Lorain
Michael Kishman, Lorain
Michael Wayne Kleiber, Milford Center
Donald Jacob Kocial, Mansfield
Randal Alan Kroeger, Elmore
Gerald Francis Krupar, Wooster
Michel Armand Ladriere, Maumee
Lori Jeanne Lally, Canton
Robert Edward Lantz, Gates Mills
Lenore D. Leopold, Fairview Park
Perry Bennett Lewis, Kutztown, Pa.
Kevin John Libbon, Port Clinton
Kenneth Francis Lonnen, Waterport, N. Y.
Michael James Mالدinger, Marion
Cecilia Jane Malow, Warren
Diane Lee Malz, Chargin Falls
James Wayne Marquart, Rawson
Joseph Michael Marstrell, Canton
Karl Sue McCarter, Toledo
Ellen Sue McCurdy, Canton
Jacqueline Sue McLeod, Wellington
Dennis McMaher, Warren
Dennis Owen McPherson, Kenton
Thomas William Mendenhall, Defiance
Lita Sue Messmore, Wooster

Agricultural Technical Institute—Wooster

Associate in Applied Science

Max M. Acker, Wooster
Timothy Scott Adams, Dayton
Deborah Jane Ambers, Polk
William Harold Anderson, Powell
Frederick Walter Andrews, Beach City
Linda May Armstrong, St. Johnsbury, Vt.
Gail Jay Arnold, Frazeeburg
Daniel Alfred Baker, Sylvania
Barbara Jo Bartler, Ashland
Kristi Susanne Baum, Wooster
James C. Beardsley, North Jackson
Cheryl Gay Beatty, Delaware
Cynthia Lee Bein, Amelia
Richard Lee Blaney, II, Circleville
Hans A. Bollmaber, Cincinnati
John Bruce Brumbaugh, North Benton
Judy Elizabeth Bryan, Cincinnati
Daniel Burstein, Larchmont, N. Y.

Linda Kaye Miller, Baltic
 David Allen Mills, Crown City
 Tammy Clifton Morris, Shreve
 Robert Thomas Murphy, Sunbury
 Joan Maurine Norris, Glenmont
 Michael Paul Olinger, Orrville
 Roberta Elizabeth Orsini, Wadsworth
 Bruce Cameron Otte, Columbus, Ind.
 Becky Jo Pegorsch, Grand Rapids
 Norman Van Perry, Newton Falls
 Faith Annette Peter, Berea
 Charles Milton Pierce, Jr., Jeromesville
 Susan Ellen Popa, Youngstown
 Eugene F. Pouly, Smithville
 Ronald M. Prebis, North Olmsted
 Joyce Elaine Prouty, Norwich
 Nancy Ann Purdum, Galloway
 Richard Merle Rea, Geneva
 Donna Joyce Reinke, Sandusky
 Ralph Thomas Richey, East Palestine
 Judith Ann Riggenbach, Sardis
 Donald Ray Roberts, Thornville
 Jimmie D. Rose, Patriot
 John Crosby Runyan, Delaware
 Robert Gerald Sabine, Amherst
 Rhonda Rae Sampsill, Ashville
 Andrea Louise Sawan, Akron
 Colleen Ann Scully, Hinckley
 Rosemarie Scarillo, Berkeley Heights, N. J.
 Robin Lee Scherer, Shelby
 Kimberly Ann Schimmelpfenig, Wadsworth
 Karl David Schlegel, Wapakoneta
 Martha June Schneeberger, Caldwell
 Tim Paul Schoen, Celina
 Kevin Richard Schroeder, Ottawa
 David Glen Shevel, Youngstown
 Matt Wilson Shreyer, Baltimore
 David Dean Snoddy, Beloit
 Daniel Joseph Snyder, Baltic
 Ronald Paul Snyder, Walbridge
 Mark Alan Spracklen, Xenia
 Camilla Sue Stanfield, London
 Molly Monica Stone, Ashland
 Jon Douglas Strantz, Springfield
 Richard Kenneth Strow, Custer
 Joe Lee Studebaker, Wellington
 Linda Lee Swartz, Ravenna
 Catherine Marie Talbot, Cortland
 Daniel Scott Trbovich, Waynesburg
 Leslie Mather Vercoe, Worthington
 Perry Gene Walston, Pemberville
 Lynn Marie Warnke, Elmore
 Donald James Weber, Shelby
 Diana Lynn Wells, Hamilton
 Paula Ann Wesselmann, Barberton
 Craig Thomas Wiley, Polk
 Keith Allan Williamson, Findlay
 Brian Keith Windon, Fomeroy
 Howard Henry Yoder, Plain City
 Stanley Anthony Zalar, Jr.,
 Fairport Harbor

Carmen Joseph Aulino, Peninsula
 B.A. (University of Notre Dame)
 Eleanore Awadalla, Akron
 B.S. (McGill University)
 Steve Owen Axe, Wooster
 B.S. (University of Akron)
 Craig Ambrose Balloon, Wooster
 B.S. (Grove City College)
 Richard Ray Bankhead, Fairborn
 B.S.
 Robert Alan Bard, Jordan, N. Y.
 'Paul Robert Barnes, Newark
 B.A.
 Joseph Dorsell Barnett, Columbus
 B.S. (Western Kentucky University)
 Michael Allen Barnett, Columbus
 B.S. (Georgetown College)
 Vicki Ann Barnhouse, Columbus
 B.A., B.S.
 Deborah Ellen Barsan, Akron
 B.S.
 Richard E. Barsan, Akron
 B.S. (University of Cincinnati)
 'Donald William Begezda, Youngstown
 Robert Joseph Bencic, Euclid
 A.B. (Indiana University)
 'John Watson Berridge, Hamilton
 B.A.
 Nicky Neal Berry, Cambridge
 A.S. (Olney Central College);
 B.A. (Muskogum College)
 Michael Alan Blum, Columbus
 B.S. (Ohio University)
 Judith Amy Borodkin, Akron
 B.A.
 Thomas Stanley Bosma, Cincinnati
 B.A. (Miami University)
 Donald Frank Bowen, Columbus
 B.S.
 Larry James Brandau, North Canton
 B.S.
 Kathy Virginia Brisley, Toledo
 B.A.
 Daniel T. Brown, Owensville
 B.A.
 Lawrence Richard Brown,
 University Heights; B.S.
 Lawrence Gerald Brun, Dayton
 B.A. (Wright State University)
 Kathleen Marie Burnick, Cortland
 B.S.
 Timothy Lee Burns, Defiance
 B.A. (The Defiance College)
 Keith Richard Busch, Kettering
 B.S. (University of Dayton)
 Susan Elizabeth Campbell, Hinckley
 B.A., B.S., M.A. (Kent State University)
 Gary L. Charvat, Parma Heights
 B.A. (Cleveland State University)
 Douglas George Cox, Ashtabula
 B.A. (Case Western Reserve University)
 Jeffrey Dean Crabtree, Akron
 B.S. (Akron University)

'John Randall Crawford, Alliance
 Dale Denio, Enon
 B.A. (University of Kansas)
 James Henry Doench, II, Centerville
 B.S.
 Robert Joseph Dornauer, Cleveland
 B.S. (Cleveland State University)
 M.S. (Idaho State University)
 Laurence Earl Drake, Coshocton
 B.S.
 E. Michael Duckworth, Poland
 B.S.
 Neil Allen Elam, Celina
 B.S. (Wright State University)
 Susan Bernstein Ellison, Cincinnati
 B.A. (University of Cincinnati)
 Michael C. Emming, Cincinnati
 Michael Darrell Ewers, Mansfield
 B.S. (Centre College of Kentucky)
 William Alan Fender, Baltic
 B.S.
 James Walter Fennell, Norwood
 B.A. (Miami University)
 Darel Alan Fisher, Parma Heights
 B.S. (Kent State University)
 George Mario Fligel, Parma
 B.A.
 Jeffrey Gordon Foerster, Brecksville
 B.A. (Ohio Wesleyan University)
 Thomas Joseph Fogarty, Springfield
 Robert Myles Friel, Zanesville
 David Lee Fritz, Berea
 B.S. (Miami University)
 Steven Ralph Fudge, Newark
 B.A.
 Bradley J. Fulton, Rocky River
 B.S. (Colorado State University)
 Kathleen Sue Gaeffe, Toledo
 B.S. (University of Toledo)
 Douglas Bruce Gansl, Cleveland Heights
 B.A. (Washington & Jefferson)
 M.S. (Cleveland State University)
 Robert Edward Gatens, Wadsworth
 B.S.
 Robert Allen George, Fairview Park
 B.S. (Cleveland State University)
 Larry James Gessner, Youngstown
 B.A. (Walsh College)
 Charles Evans Goebel, Cincinnati
 B.S. (Ohio University)
 Steven Alan Goldberg, Dayton
 B.A. (Wright State University)
 Scott David Goodman, Cleveland Heights
 Paul Owen Groipen,
 Newton Highlands, Mass.
 B.A. (Case Western Reserve University)
 David L. Guerra, Toledo
 B.S. (University of Arizona)
 Robert Russell Guthrie, II, Akron
 B.S. (University of Akron)
 Lawrence William Hagen, II, Cincinnati
 B.S. (Xavier University)
 James Daniel Haldeman,
 Broadview Heights
 B.A.

1 Also Bachelor of Arts, Colleges of the Arts and Sciences

College of Dentistry

Dean: Charles L. Howell

Doctor of Dental Surgery

Randy Gail Alkire, Mount Sterling
 B.S.
 Terrence Lynn Allemang, Englewood
 B.S. (University of Cincinnati)
 Peggy Sue Anderson, Rocky River
 B.A. (The College of Wooster)
 Robert Edward Archer, Toronto
 B.S. (Ohio University)

Stephen David Hamilton, Fairborn
B.A.

Edward Thomas Hammons, Blanchester
B.A. (Wilmington College)

Joseph Hurley Hampton, Toledo
B.S. (Akron University)

Craig Alan Hardy, Alliance
B.A. (Baldwin-Wallace College)

Jimmie Lee Harper, Jr., Columbus
B.A. (Otterbein College)

Gregory Allen Hart, Troy
B.A. (Ohio Northern University)

Lee Ralph Hendricks, Dayton

David Earl Henry, Mansfield
B.A. (Miami University)

Randall Earl Hester, Kettering
B.S. (Wright State University)

Robert Charles Hiltbrand, Cuyahoga Falls
A.B. (St. Louis University)
M.S. (University of Akron)

Stephen Vincent Hoffman, Columbus
B.A. (Wittenberg University)

Larry L. Hoisington, Ashland
B.S. (Miami University)

Jeff Charles Huffman, Columbus
B.S.

David Joseph Ishley, Columbus
B.I.E.

Joseph Edward Jacob, Cincinnati
B.S. (Xavier University)

Eric Peter Jankowski, Northfield Center
B.A. (Cleveland State University)

Martin Leland Jones, Rocky River
B.S.

Joseph John Jurack, Euclid
B.S. (University of Dayton)

David Michael Kagy, Tiro
B.A. (Miami University)

Douglas Eugene Kaylor, Canton
B.S. (Ohio University)

Jeffrey Scott Keeny, Bucyrus
B.A.

J. Robert Kelly, Walnut Creek, Calif.
B.A. (University of California at Santa Cruz)

Scott S. Kelly, Maumee
B.A. (Brown University)

Rick Kennard, West Portsmouth
B.S.

Jay Fredrick Kiefer, Williamsville, N. Y.
B.A. (Wittenberg University)

Victor Y. Kim, Youngstown
B.S.

Mark William Klabunde, North Olmsted

David Keil Klokow, Fort Lauderdale, Fla.
B.S. (Muskingum College)

Mary C. Kluener, Cincinnati
B.S. (Xavier University)

Richard Russell Kneisley, Dayton
B.S.

John Christian Koehley, Bellevue
B.S.

Pamela Sue Kuder, Seville
B.S.

Steven Lee Lang, Portsmouth

John Christopher Lanz, Cincinnati
B.S.

Gary Lynn Laukhuf, Payne

Mark Lewis Levy, Columbus
B.A.

Paul Willard Lindgren, Lakewood
B.S. (United States Naval Academy)

Thomas E. Long, Troy
B.S.

Terry Kim Lowitz, Cincinnati
B.S. (University of Cincinnati)

Thomas Paul Lustenberger, Cincinnati
B.S. (University of Cincinnati)

Jane Patricia Lynch, Cincinnati
B.S. (University of Dayton)

Vincent John Marino, Mayfield Heights
B.S. (John Carroll University)
M.S. (Cleveland State University)

Lisa Marshall, Xenia

James I. Matia, Elyria
B.S. (Ashland College)

Edward James McCulloch, Parma Heights
B.S. (Bowling Green State University)

Celia Gay McLean, Dayton
B.S.

Douglas Lee McLeod, Shaker Heights
B.A.

Philip Dana Miller, Elyria
B.A., M.S. (Miami University)

Craig Minard, Cincinnati
B.S. (University of Cincinnati)

Anthony Guy Mollica, Jr., Niles
B.S. (Clemson University)

R. Denny Montgomery, Wintersville
B.S. (Mt. Union College)

Donald Arthur Moore, Eaton
B.A., M.S.

Kent Lane Mueller, Solon
B.A. (Kenyon College)

Ronald Eugene Myers, Columbus
B.S.

James Edward Nicholls, Twinsburg
B.S.

Bruce John Nowac, Maple
B.A.

Michael John Ondo, Dayton
B.S.

David Leslie Patten, Columbus
B.S.

Randal Lee Patterson, Parma
B.S.

Harry Douglas Peach, Steubenville
B.S. (Ohio University)

Mark Stewart Perlman, Cincinnati
B.S. (University of Cincinnati)

Theodore Edward David Peters, Cincinnati
B.A. (Miami University)

Mary Lynn Picyk, Roselle Park, N. J.
A.A.S., R.D.H. (Union County Technical Institute)

Michael Anthony Pikos, Campbell
B.S.

Roger Lee Plummer, Mentor

Michael Allen Pohl, Cincinnati
B.S. (University of Cincinnati)

Gary Lee Porter, Kettering
B.S.

Annette Marie Prunte, Columbus
B.S.

Stephen Joseph Ralston, Columbus
B.S.

Alan Lockwood Rankin, Jr., Zanesville
B.S. (Ohio University)

Timothy Michael Reddy, Cincinnati
B.S.

Ralph Curtis Reppart, Fredericktown
B.S. (Virginia Military Institute)

Michael Alan Ress, Youngstown
B.A. (Case Western Reserve University)

Timothy Charles Rhodenbaugh, Cincinnati
A.B. (Miami University)

James Paul Ritter, Middletown
B.S.

Larry Kent Roberts, Deer Park

Dane Quincy Robinson, Columbus
B.A.

Jason Earl Robson, East Liberty
B.S.

Robert Ruh, Jr., Kettering
B.S. (University of Kentucky)

James Leland Ryan, Akron
B.S. (University of Akron)

Robert William Ryan, Cuyahoga Falls
B.A. (Miami University)

Robert Stephen Salmans, Cambridge
B.A. (Ohio Wesleyan University)

Larry John Sangrik, Chardon
B.A.

Byron Paul Sansom, Chillicothe
B.S. (United States Naval Academy)

K. Eric Schall, Findlay
B.S. (Denison University)

Leslie Ann Scheid, Toledo
B.A. (University of Toledo)

Christopher Joseph Schiappa, Thousand Oaks, Calif.
B.S. (California Lutheran College)

John Richard Schleder, Columbus
B.A. (Miami University)

Joseph Robert Schmidbauer, Jr., Toledo

Terry Charles Scotese, Euclid
B.S. (John Carroll University)

Wendell Wilson Shaffer, Jr., Canton
B.S.

Bryan Allan Shumaker, Englishtown, N. J.
B.A.

Matthew Walton Sigler, Tiffin
B.A. (Lawrence University)

Darryl Arlen Skale, Dayton
B.A.

Jason David Smilow, Mayfield Heights
B.A.

Sarah Kay Smith, Toledo
B.S. (Ohio University)

Robert Paul Smithson, Middletown
B.S. (University of Cincinnati)

Don Blair Snoko, Columbus
B.S., M.S.

¹ Also Bachelor of Arts, College of the Arts and Sciences

Michael Arden Sohl, Columbus B.S.

Mark Joseph Squicquero, Youngstown B.S. (Youngstown State University)

Rodney Lowell Staker, Mansfield B.S. (Old Dominion University)

Susan Denise Stalnaker, West Portsmouth B.S. (University of Cincinnati)

Mark Turpin Stoffregen, Cincinnati B.S. (Heidelberg College) M.Ed. (University of Cincinnati) M.A.T. (Miami University)

Robert Larry Sturkey, Akron B.S. (College of Steubenville)

Jan Tarsitano, Patrick Air Force Base, Fla.; B.S.

Evan David Tetelman, University Heights A.B. (Miami University)

Ronald J. Trepanier, Toledo B.S. (University of Toledo)

James Edward Tupa, Fairview Park B.S.

George Anthony Vrabel, Lorain B.S.

George Vukmir, Parma Heights B.A.

Robin Fern Wackman, Cincinnati B.S. (University of Cincinnati)

Phillip Wallace, Akron B.S. (University of Akron)

Daniel Howard Ward, Columbus B.A. (Ohio University)

Jeff Thomas Warner, Wadsworth B.A.

Bruce Alan Weitz, Shaker Heights B.A. (Kenyon College)

James Russell Welland, Fairfield B.S.

Ronald Wayne Wilkes, Charleston, S. C. B.S. (The Citadel)

Lee Anthony Woodard, Springfield

Gary Eugene Woznicki, Bedford B.S.

Certificate of Graduate Dental Hygienist

Carolyn Wendy Abrams, Cincinnati

*Sherri Garrison Agosta, Lancaster

*Deborah Lynn Allison, Amherst

Lorraine Ann Altenus, Columbus

Diane Lynn Ashbridge, Cincinnati

Lynnette Ann Barnes, Middletown

*Dana Sue Barnick, Grove City

*Marilyn Bart, Wooster

Angela Jo Bartlow, Cincinnati

*Rebecca Lynn Basinger, Mansfield

Dawn Renee Bauer, Columbiana

*Shelley Sue Beckham, Columbiana

Heidi Beth Benner, Wadsworth

*Nancy Lynn Biederman, Cincinnati

April Diane Bigham, Columbus

*Nora Lee Bowersox, Tiffin

*Leslie Gail Brooks, Miami, Fla.

Diana Lorraine Caruso, Circleville

Patricia Diane Cenci, Columbus

Maureen Charlebois, Youngstown

Candace Lee Clause, Oakland, N. J.

Sarah Elizabeth Conroy, Worthington

Kimberly Ann Copeland, Steubenville

*Cynthia Anne Craig, Cincinnati

*Cheryl Ann Darley, Columbus

Cindy Elaine Davidson, Logan

Marguerite Alice Diehl, Orrville

*Juanita B. Evely, Bellville

*Diane Marie Fahrenbach, Columbus

Marilee Foster Simon, Dublin

Faith Elaine Funk, Youngstown

Kimberly Lynn Glikes, Steubenville

Roger Earl Grossnickle, Columbus B.A.

*Teresa Lynne Henley, Barberton

*Teresa Michelle Herman, Stow

*Melva Lynn Higginbotham, Newark

Julene Gail Jensen, North Royalton

Deborah Lee Jones, Columbus

Sharon Anne Kiczek, North Olmsted

*Mary Josephine Kiger, Lancaster

Karen Elaine Kropiwnicki, Independence

Julianne Lebowitz, Cincinnati

Robyn Lynn Lohstroh, Cincinnati

Janice Lynn Marshall, Lima

Kathleen Marsha McAdams, Bellefontaine

Laurie Kay McCauley, Akron

Sharon Kay McMahon, Columbus

Melinda Ruth McMullen, Wilmington

Janet Lee Meyer, Dayton

Matthew C. Moor, Westerville

*Kathryn Sue Mutzig, Columbus

Lynel Kay Peake, Mansfield, Pa.

Marta Ann Pfieger, Worthington

Linda Susan Pike, Circleville

Marigo Psillas, Cincinnati

*Barbara Sue Raftery, Wadsworth

*Vicki Lisbeth Reiner, Worthington

*Lynn Robinson, Akron

Sandra Sue Sacks, East Brunswick, N. J.

*Barbara Elaine Schneider, Circleville

Pamela Jo Seiter, Prospect

Kelly Ann Siron, Springfield

Mary Teresa Smith, Columbus

Nancy Lynn Spracklen, Kenia

Martha Gail Surface, West Chester

Jane Frances Wallack, Port Clinton

Susan Lynn Walton, Columbus

*Kristin Searle Wartian, Columbus

Katherine Elaine Weyand, McArthur

Kelli Ann Whapham, Canton

*Linda Marie Wisler, Marion

*Chris Elizabeth Wolf, Mansfield

Laurel Ann Woodward, Columbus

Mary Lynn Yardley, Columbus

Susan Jayne Yontz, Caldwell

Anne Terese Younkman, Toledo

Carla Brooke Beatley, Tipp City

Ellen Carol Becker, Toledo

Maria Rochelle Belton, Cleveland

Mark Daniel Bennett, Findlay

Timothy Steven Bensonhaver, Logan

Marcia Anne Beres, Westerville

Cathy Jo Berg, Bellefontaine

Lawrence Curtis Bernbaum, University Heights

Leslie Ann Bess, Middletown

Sally Berridge, Columbus

Janet Lynn Berry, Columbus

Vicki Lynn Bird, Columbus

Karen Louise Blank, Mentor

Douglas Earl Blewitt, Euclid

Ruth Marie Blom, Copley

Deborah Ann Boggs, Mansfield

Betay Ann Boike, Cincinnati

Karen Ann Bott, Woodsfield

Christine Kay Bowman, Marion

Gary Tobias Brand, Greenville

Bradley Dwight Brandt, Columbus

Bruce Milton Brown, Marion

Mary Frances Bryant, Ironton

Alice Dee Burger, Fremont

Sheryll Bowers Burnes, Worthington

Barbara Elaine Burt, Columbus

Betsy Ruth Bush, Columbus

Christine Sue Callahan, Columbus

Sandra Jean Campbell, North Olmsted

Theresa Lynn Canode, Reynoldsburg

Marchelle Diane Canright, Columbus

Priscilla Jane Carls, Steubenville

Nancy Jean Carlin, Columbus

Douglas Ray Carr, Smithville

Katherine Anne Carr, Columbus

Constance Mae Cassell, Lima

Byron Dean Cato, Lorain

Bonnie Collier Channell, Marysville

David Richard Cherry, Columbus

Julie Smith Clark, Columbus

Kathleen Ann Clark, Marion

Shawn Elizabeth Clarke, Gallipolis

Pauline Dana Clement, Campbell

Myra Margaret Cline, New Matamoras

Karen Lynn Clouse, Columbus

Christine Clugh, Stow

Sharon Louise Codner, Boiling Springs, Pa.

Kathy Eileen Coner, Spencerville

Mitchell Dennis Conant, Mansfield

Charles Frederick Confar, Columbus

Timothy Lee Conrad, Hilliard

Vicki Lee Cordle, Columbus

Susan Elaine Cover, Marion

Donald Ewan Crabb, Richton Park, Ill.

Katherine Lynn Crawford, Dublin

Beverly Ann Creed, Baltimore

Barbara Nancy Crider, Mansfield

Kerry Anderson Crooks, Columbus

Martin Joseph Cusick, Tampa, Fla.

Dennis Craig Daniels, Columbus

Malinda Inez Davis, Coral Springs, Fla.

William Rona DeCarroll, Columbus

Amy Bennett Dean, Midland, Tex.

Paula Kay DeLauder, Marion

Valerie Ann DeMuth, Worthington

Judith Kay DeSantis, Wintersville

Sharon Doss Detrick, Dublin

Gloria Patricia Devoil, Bellefontaine

Melodie Lucille Dickerson, Columbus

Gregory Alan DiCocco, Columbus

Pamela Diane Dinkler, Clarkburg

Kyle Richard Dover, Columbus

Juanita Eileen Downey, Newark

John Charles Downing, Columbus

Diana Sue Dugger, Westerville

Michael Dupakoski, Avon

David Lee Eagle, Columbus

Charla Lynn Edel, Massillon

Margaret Cecilia Eichner, Columbus

Marianne Ellwood, Warren

Kathleen Darice Ely, Excelsior, Minn.

Mary Patricia Enciso, Mechanicsburg

College of Education

Dean: Frederick R. Cyphert

Bachelor of Science in Education

Barry Marc Ackerman, Wyoming

Timothy Lee Acton, Canal Winchester

Stephanie Ann Adams, Westerville

James Gerard Albano, Piqua

Julia Kathleen Allen, Columbus

Martin Siegel Allen, Columbus

Audrey Ann Ambrose, Worthington

Cynthia Gail Anderson, Columbus

James Thomas Anderson, Dayton

Christine Marie Armbrust, Columbus

Barbara Preston Armstrong, Columbus

Lauren Sue Aronson, Westerville

Robin Lees Askins, Mansfield

Kimberly Dawn Baird, Hampton, Va.

Elmer Ray Baldrige, Columbus

Bettylee Baldwin, Mansfield

Patricia Ann Barbes, Columbus

Cynthia Jeanne Barrows, Columbus

Edwin Ely Beach, Granville

1 Also Bachelor of Arts, Colleges of the Arts and Sciences

2 Also Bachelor of Science, Colleges of the Arts and Sciences

David Edward Eppley, Zanesville
 Mattie Delores Evans, Cincinnati
 Tobey Rhea Feinberg, East Liverpool
 Barbara Ann Fenchak,
 Bloomfield Hills, Mich.
 Marty Eugene Fields, Columbus
 Jeffrey Alan Ford, Ashtabula
 Frank McEwen Foster, Jr., Wyoming
 Rebecca John Foust, Delphos
 David Edward Fowle, Lancaster
 James Kevin Fraley, Kenton
 James Douglas Franck, Columbus
 Cynthia Ellen Fry, Coshocton
 Linda Rader Fulmer, Mansfield
 Merilea Funk, Reynoldsburg
 Susan Elizabeth Galey, Columbus
 Tamara Leigh Galloway, Columbus
 Gloria Thrush Garrison, Mansfield
 Richard Brian Gartrell, Westerville
 Susan Marie Gedeon, Rocky River
 William John Geiger, North Olmsted
 Mark James George, Columbus
 Cheryl Ann Gerst, Columbus
 Stephen Earl Gev, Dayton
 Denise Christine Gialluca, Canton
 Richard Charles Giauque, Mt. Gilead
 Bryan B. Gibson, Columbus
 Robin De Vere Glasgow, Columbus
 Hershell William Glenn, Mansfield
 Myrna Rae Goldstein, Toledo
 Sharon Beth Goorey, Worthington
 Kathryn Ann Gordon, Centerburg
 Sarah L. Sheffield Gratz, Lucas
 Kathleen Marie Gress, Dayton
 Ann Louise Gresser, Smithville
 Jane Stewart Gridley, Dayton
 Jody Staiger Grove, Bucyrus
 Mary Ann Gruber, Marion
 Deborah Ann Gudel, Richmond Heights
 Cathy Lynne Guth, Bloomfield, N. J.
 Patricia Lynn Guth, Reynoldsburg
 Kimberly Anne Habegger, Westerville
 Barry E. Haley, Columbus
 Sandra Bonkowski Halley, Toledo
 Diana Marie Hamilton, North Olmsted
 Nida Jo Hancock, Dayton
 Barbara Lynn Hapanowicz, Cuyahoga Falls
 Debra Kay Hare, Elida
 Charles William Harlow, Englewood
 Cynthia Sue Harnly, Stillwater, Okla.
 Bryan David Harris, Milford, N. H.
 Lissa Jean Harris, Bay Village
 Jeffrey Michael Harrison, Millersport
 Susanne Hildegard Hartig, Grove City
 Anne Marie Hartman, Galion
 Kimberly Ann Haverman, Toledo
 Michelle Ann Hayes, Waterford
 Sue Ann Hazlett, South Charleston
 Steven Mitchell Helbert, Mansfield
 Carol Renee Herman, University Heights
 Darcelle Montrese Herring,
 Scotch Plains, N. J.
 Julie Ann Heron, Delaware
 Melissa Kay Hibbard, Lima
 Jennifer Walker Highnam, Mt. Vernon
 Barbara Ann Hildahl, Columbus
 Lisa Suzanne Hill, Cincinnati
 Louise Elaine Hill, Fairport Harbor
 Charles Edward Hollar, Newark
 L. Tamaralayne Hollingsworth, Lima
 Jeffrey William Horner, Marion
 Randy L. Hord, Willard
 Katherine Ann Horward, Kettering
 Charlene Kay Hudson, Medina
 Elizabeth Anne Huffman, Farmersville
 Beth Carol Hurst, Columbus
 Sheryl L. Hutchison, Westerville
 Dyanna Austin Irvine, Logan
 Suzanne Pierce Ivey, LaGrange, Ill.
 Odell Jackson, Centerburg
 Cynthia Lu Jacob, Reynoldsburg
 Mary Ann Jaconette, Columbus
 Debra Marie Jaketic, Columbus
 Gary James Jarvis, Westerville
 Carol Jane Jenkins, Youngstown
 Charla Rae Jenkins, Shelby

Denise Ann Jewett, Columbus
 David Robert Johnson, Columbus
 LaDonna Jean Johnson, Thornville
 Lois Anne Johnston, Toledo
 Jay Arthur Jones, Madison
 Patricia Elaine Jones, Celina
 Barbara Ann Judy, Columbus
 David Lowell Kandel, Canton
 Kathy Marie Karako, Fairport Harbor
 Deborah Lynn Kassel, Bay Village
 Kathy Lynn Kees, Newark
 Paul Kegelmayer, Columbus
 Ralph Karl Keller, Jackson Center
 Kathryn Jeanne Keltner, Delaware
 Jeanne E. Babbert Keseg, Columbus
 Mary Anne Kettler, Cincinnati
 Brent Allen Kidder, Chillicothe
 Kevin Dwayne Kinney, Dayton
 Katherine Alice Kirk, Columbus
 Kristine Marie Kish, Fairport Harbor
 Rise Louise Klassen, Steubenville
 Carolyn Burkhardt Knapp, Grove City
 Bruce Ray Knost, Worthington
 George Estan Kohler, Reynoldsburg
 Debra Pam Krasney, Beachwood
 Kathleen Sue Krenrick, Mansfield
 Paul G. Lampron, Manchester, N. H.
 Gaye Ann Lang, Parma Heights
 Thomas Edward Lang, Toronto
 Judith Lynn Larger, Wapakoneta
 Rebecca Smith Larson, Columbus
 Elaine Gay Laughlin, Sidney
 Margaret Ann Law, Utica
 Laurie Jean Lawson, Carrollton
 Brent Jay Lehman, Columbus
 Jeffrey Lynn Leptak, Troy
 Ann Michelle Levitin, Toledo
 William John Lewandowski, Groveport
 Debra Jean Lewis, Richwood
 Kevin Lee Lewis, Euclid
 Charles Herbert Locy, North Kingsville
 James Richard Long, Columbus
 Debra Lyn Lookenot, Granville
 Donna Drumm Loveday, Newark
 Marcia Sue Lucas, St. Clairsville
 Dennis R. Lyberger, Stow
 Margaret Ann Magnacca, Dover
 Ann Marie Marignoni, Broadview Heights
 Barbara Ann Marks, Cleveland
 Karen Diane Marshall, Circleville
 Sharon Deen Martincic, Newark
 Christina Lynn Maser, Columbus
 David Roger Massie, Marion
 Lynne Marie Mathews, Mansfield
 Debra Lyn Mathewson, Bluffton
 Rebecca Matthey, Steubenville
 Mildred Ann McCombs, Centerburg
 Frederick E. McCreary, Irwin
 Shannon Lee McFarlane, Prospect
 Mary Ann McGee, Lancaster
 Pamela Ann McGill, Rocky River
 Stephen McGlaughlin, Whitehall
 Ann Carolyn McLane, Columbus
 Thomas James McVey, Painesville
 Ronald Lee McWhaffie, Columbus
 Mindy Sue Meininger, Fiqua
 Mercedes Marie Michael, Delphos
 Brenda Mae Miller, Columbus
 Karen Ann Miller, Grove City
 Amedeo Alfred Mirola, Jr., Columbus
 Robert Elmer Monahan, Jr., Worthington
 Elizabeth Royal Monson, Fiqua
 Bobbi Jean Montanari, Columbus
 Claudia Lynn Moore, Gallipolis
 Betty Anne Bartell Mors, Columbus
 Ceri Lee Mortine, Montgomery, Ala.
 Sandra Louise Moskewicz, Columbus
 Bridget Lee Moury, Columbus
 Michael Lee Muehlfield, Bryan
 Lora Joanne Munsell, Columbus
 Patricia Marie Murphy, Gahanna
 Kelly Nile Murray, Wapakoneta
 Lorelei Hebdon Murray, Lima
 George Justin Muekamp, Cincinnati
 Steven E. Myers, Iowa City, Ia.
 Thomas Joseph Navarre, Toledo

Debra Sue Nesselroad, McConnelsville
 Randall Trevor Nesser, Columbus
 Ann Catharine Newkirk, Columbus
 Annette Nice Norton
 Sandra Carol Noojin, Columbus
 Pamela Kay Norman, Willoughby
 Susan Jo Oller, Huron
 Kathryn Karth Olson, Marysville
 Kathleen Marie O'Reilly, Westerville
 Teresa Lynn Ort, Columbus
 Jeanette Patricia Painter, Thompson
 Joanna Susan Pallos, Columbus
 Robin Leigh Parker, Worthington
 Renee Paula Partion, Medina
 Madeline Osborne Partlow, Gahanna
 Catherine Elaine Patzer, Columbus
 Cynthia Dawn Peabody, Chagrin Falls
 Priscilla Jane Pearson, Euclid
 Christina Ann Peitz, Worthington
 Michael Lewis Perkins, Columbus
 Lisa Ann Perrott, Dalton
 Rebecca Ann Peters, Lockbourne
 Joyce Ann Petrek, Hubbard
 Roberta Louise Pitkin, Columbus
 Mary Loretta Plank, Columbus
 Cynthia Dillon Polles, Columbus
 Scott G. Popoff, Dayton
 Theodore Eugene Powell, Hampton, Va.
 Gary Lynn Predmore, Marysville
 Lynn Marie Pressler, Sandusky
 Vicki Jo Pritchard, Medina
 Jill Lin Proudfoot, Oregonia
 Christian John Pullen, Columbus
 Lucinda Ann Quinn, Kenton
 David Craig Ramsey, Ashland
 Timothy Francis Rathburn, Columbus
 Renee Marie Rauck, Grove City
 James Martin Raymont, South Euclid
 Jeri Michele Rae, Wellsville
 Mark Allen Redmond, Richwood
 Douglas Alan Reed, Lewisburg
 Cynthia Evans Rees, Columbus
 Gabrielle Diane Reil, Columbus
 Deborah Ann Reindl, Columbus
 Tammy Jane Reitter, Columbus
 Renee Renker, Middleburg Heights
 Kathy J. Reynolds, Mansfield
 Lori Lyn Ries, Columbus
 Robin Rebecca Riffle, Utica
 Roberta Jean Rini, Portsmouth
 Kathleen Ann Schaefer, Wapakoneta
 Fernando Roman, II, Columbus
 Christine Coleman Rooker, Columbus
 Kathleen Murphy Rowland, Marion
 Jeffrey Daniel Rudolph, Independence
 Vaune Mary Samblant, Louisville
 Anthony Louie Satej, Jr., Painesville
 Kimberly Ann Schaffer, Kettering
 Kimberly Ann Schmitt, Wapakoneta
 Diane Schwendenman, Columbus
 Marcia Jane Seifried, Washington C. H.
 Janet Louise Sheanshang, Cincinnati
 Sheila Maureen Shepherd, Freeport
 Sharon Lea Shivers, Bysville
 Margaret Marie Shupert, Seaman
 James Braden Sirost, Columbus
 Alan L. Simmons, North Benton
 Douglas William Slocum, Westerville
 Suzanne Beth Sly, Columbus
 Creta Marlene Smith, Columbus
 Derrell Gene Smith, Seven Hills
 Gwendolyn Kay Smith, Kettering
 Lisa Lynn Smith, Tallmadge
 Mary Beth Smith, Columbus
 Paul Leon Sozansky, Columbus
 Thomas Audus Spain, Columbus
 Marilyn Judith Spitalny, Buffalo, N. Y.
 Kay Saldin Sroufe, Thornville
 Sue Ann Stanley, Smithville
 James Vernon Starner, Jr., Columbus
 Brian Larry Starr, Wantagh, N. Y.
 Donna Srafi Startzman, Columbus
 Laure Marie Staton, Dayton

1 Also Bachelor of Arts, Colleges of the Arts and Sciences

Peggy Lynn Steele, Millersport
 Debra Lynn Stefanik, Parma Heights
 Lisa Liann Steiner, Wapakoneta
 Susanne Lee Stevens, Kettering
 Rex J. Stevenson, Utica
 James William Stoll, Lima
 *Patricia Amburgey Stone, Columbus
 William Joseph Stover, Worthington
 William David Stratton, Columbus
 Susan Margaret Streff, Youngstown
 Michele Stroup, Dayton
 Linda Marie Studen, Reynoldsburg
 Diane Lynn Sturgill, Toledo
 David Steven Sullivan, Columbus
 Barbara Carter Swonger, St. Paris
 Nancy Lynn Syljebek, Columbus
 Joseph James Szabo, Columbus
 Nancy Elizabeth Taggart, Springfield
 Thomas Anthony Taglione, Columbus
 Carol Elizabeth Taracko, Mansfield
 Jane Ellen Taylor, Ashland
 *Robin Lee Taylor, Milan
 Cathy Sue Teal, Dayton
 Jodi Ann Terry, Zanesville
 Nancy Ann Terveer, Alliance
 Nancy Jean Thompson, Pittsford, N. Y.
 Robert Richard Thompson, Columbus
 Alberta Luigina Totani, Salem
 Linda Brodnax Tracy, Orient
 Aimee Lou Treadway, Grove City
 David Robert Truex, Brownsville
 Karen Lee Tura, Pepper Pike
 Michele Anne Tyrrell, Crestline
 Deborah Jean Unternahr, Newark
 Johnna Upthegrove, Washington C. H.
 David Donald Vaas, Ashland
 Anne Lawrie Valentine, Elyria
 Sue Price Valentine, Ashland
 Bob Vance, Columbus
 Kathleen Susan Vaughan, Cincinnati
 Marilyn Jane Vaughan, Chillicothe
 Denise Lynn Vaughn, Worthington
 Joseph John Vietmeier, Lisbon
 Kimberly Jane Vlasich, Columbus
 Lee Ann Voeller, Worthington
 Shanna Cessily Voke, Urbana
 Carl Joseph Volpe, Columbus
 Victoria Hope Volpe, Columbus
 Dennis Lee Wade, Columbus
 Debra Jo Waldron, Stow
 Pamela Joyce Walker, Parma
 Deanne Lou Wallace, New Albany
 Deborah Jean Wallace, Bellefontaine
 Daniel John Walsh, Bronx, N. Y.
 Lea Stomps Walton, Columbus
 Susan Kay Ward, Dayton
 David Lee Warder, Columbus
 Danna Hebner Warman, Columbus
 Valerie Lynn Watson, Springfield
 Donna Carolyn Weaver, Ashland
 Cynthia Ann Weimer, Lakewood
 Diana Lee Welsh, Columbus
 Karen Sue West, Columbus
 Debra Lee White, Worthington
 Linda Lee White, Columbus
 Frederick Cookson Whiteman, Columbus
 Michael Patrick Whitman, Sylvania
 Carolyn Sue Wickham, W. Va.
 Clyde E. Wilhelm, II, Columbus
 Susan Nadine Willer, Vickery
 Sheryl Joan Willson, Mt. Blanchard
 Bryan Keith Wilson, Jackson
 Nancy Kay Wilson, Columbus
 Jane Wittich, Mt. Sterling
 John Mayo Wood, Wellington
 Adelheid Evelyn Wooley, Columbus
 Denise Marie Wright, Columbus
 Kathy Ann Wright, Zanesville
 Lee Wayne Wright, Columbus
 Kathryn Ilene Wyndham, Gahanna
 Bruce Alan Yance, Dillonvale
 Carolyn Gail Yarus, Dayton
 Vicki Lee Yeager, Hudson
 Theodore James Yenny, Strasburg
 *Douglas Paul Yurovich, Lorain
 Barbara Jane Zimmerman, Worthington
 Jerry Allen Zimmerman, Waynesfield

Bachelor of Art Education

Kandy Kay Barber, Springboro
 Carol Cruickshank, Columbus
 Margaret Lynn Darby, Columbus
 Jo Ellen Furney Dreye, Columbus
 Mary Beth Evans, Circleville
 Barbara Jill Gibbs, Columbus
 Peggy Ann Harden, Mt. Sterling
 Jennifer Ann Hein, Coldwater
 Brenda Faye Hogue, Newcomerstown
 Sandra Kay Johnson, Westerville
 Jill Christine Mackey, New Martinsville
 Johnny Alan McMichael, Fairlington
 Pamela Jane Reed Nichols, Seaman
 Michael Edmund Schneider, Columbus
 Kenneth Edwin Stevenson,
 Canal Winchester
 Kraig A. Tallman, Worthington

Bachelor of Music Education

Allan Luther Ball, Westerville
 Earl Crafton Beck, III, Memphis, Tenn.
 *Richard Burke Blocher, Worthington
 Douglas Edwin Brokes, Wintersville
 Carolyn Elizabeth Brown, Columbus
 Lucinda Jane Busler, Carrollton
 Deborah Jeannine Fisher, Lancaster
 Karen Young Fleeman, Columbus
 Cathy Cooper Freisthler, Lima
 Robert Leroy Freisthler, Botkins
 Carol Louise Furbay, Wintersville
 Jeffrey D. Gallagher, Columbus
 *Susan Jane Garrison, Columbus
 Michael Aloys Giere, Minster
 *Stephen D. Grugin, Lexington, Ky.
 Pamela Joy Hake, Columbus
 *Nancy Lee Hanna, Pittsburgh, Pa.
 *Wesley Alan Henry, Newark
 Dale Alyn Hildebrand, Avon
 Daniel Irwin Hurlow, Mt. Vernon
 Margaret Suzanne Irwin, Marysville
 Ruth Elaine Jenkins, Youngstown
 Dennis Wayne Kaber, Mansfield
 Linda Sue Kleaspies, Akron
 Kent David Larmee, Columbus
 Charles S. Leedle, Springfield
 Jane Troike Leidheiser, Powell
 Patrick Mack Lewis, Hilliard
 J. Mark Lowe, Canton
 Michael Edward Lutz, Columbus
 William Richard Lutz, Zanesville
 Kathleen Sue Narcross, Columbus
 Sarah Ellen Ostrander, Mt. Vernon
 Jayne Lynne Peltzke, Columbus
 Roberta Baszak Plasz, Cleveland
 James Richard Rupp, Canton
 Laura Marie Sandrew, Lorain
 Sharon Elizabeth Smith, Columbus
 Kallette Murl Spaeth, Columbus
 Judith Ann Spoerr, Milan
 Howard Leroy Stephens, Columbus
 Mark Douglas Stillings, Columbus
 Gary Alan Wiebans, Strongsville
 Timothy Paul Wallick, Columbus
 David Otto Woike, Columbus

College of Engineering

Dean: Donald D. Glower

Bachelor of Science in Aeronautical and Astronautical Engineering

William Clark Alford, Galoway
 Mark Duncan Bass, Lebanon, Tenn.

Lisa Anne Burgraff, Columbus
 Steven Michael Carmen, Columbus
 Jesús Correa, Caracas, Venezuela
 Merrileta F. McAfee, Collinsville, Okla.
 R. David Witchey, Shelby

Bachelor of Science in Agricultural Engineering

Dan Coopperider, Thornville
 Scott Timmons Harmount, Circleville
 Jerome Joseph Kovar, Delta
 Andy Keith Lichtensteiger, Ohio City
 Cathy Jean Rodabaugh, Forest
 Bruce Wilbert Wakefield, Alliance

Bachelor of Science in Ceramic Engineering

Patricia L. Blann, Egg Harbor, N. J.
 Ronald Scott Cowman, Dayton
 Carmine Michael Doddato, Columbus
 Jay Robert Fuller, Sandusky
 Janis Ann Hale, Euclid
 J. D. Harriman, II, Jewett
 William Sungli Hong, Worthington
 Thomas Edward Keener, Dover
 Richard Fedele LaBruno, Campbell
 Susan Lynn Mancey, New Philadelphia
 Bonnie Mar, Columbus
 *Michael George Montgomery, Canton
 Dale Roger Niesbur, Monroe
 Steven Kay Norman, Coshocton
 Deanna Jan Rogers, Columbus
 Laurel Moree Sheppard, Parma
 Mark Joseph Singer, Columbus
 Scott Allen Stanley, Kettering
 Lex Eugene Vinsel, Zanesville
 Ken Williams, Columbiana

Bachelor of Science in Chemical Engineering

Brent Alan Aleshire, Springfield
 William Kenneth Armagost, Jr.,
 Worthington
 Tom H. Asimou, Lorain
 James Lee Buchwalter, Canal Winchester
 Kevin Richards Cole, Warren
 Steven Martin Dreher, Strasburg
 David Wayne Dunn, Mansfield
 Alan Leo Fisk, Jr., Manhasset, N. Y.
 David Matthew Frederick, Westerville
 Kurt Allan Goehring, Lorain
 Charles Lynn Heskett, Jr., Bethesda
 Martin Keith Hitchcock, Hazel
 Robert Ann Hoffman, Manlyhead
 Beverly William Housley, Hazelwood, Mo.
 Timothy Michael Kellogg, Rome
 John Francis Kreinbrink, Findlay
 Darice Ann Majowski, Maple Heights
 James Edward Maldovan, Parma
 Thomas Noble Martin, Columbus
 Joseph Mataich, Euclid
 Randy William Schumaker, Knoxville, Tenn.
 Karen Theresa Murphy, Cuyahoga Falls
 John David Neely, Cincinnati
 Gary Steven Phillips, Montgomery
 Ronald Craig Reynolds, Orrville
 Scott David Reynolds, Youngstown
 David Michael Schilling, Cincinnati
 Inger Johanne Schuster, Columbus
 Randy William Schumaker, Oregon
 Robert Scott Schuster, Columbus
 Craig William Sherban, North Canton
 Kevin Andrew Skrada, Cleveland
 D. Kevin Snowden, East Liverpool

- 1 Also Bachelor of Arts, Colleges of the Arts and Sciences
- 2 Also Bachelor of Science, Colleges of the Arts and Sciences
- 3 Also Bachelor of Music, Colleges of the Arts and Sciences
- 4 Also Bachelor of Science in Metallurgical Engineering, College of Engineering

Jeffrey Charles Spangler, Grove City
Carl John Stehulak, Minerva
Barry James Steinmetz, Mt. Vernon
Kenneth Robert Tuuri, Chesterland
Ronald David Vleck, Parma Heights
Michael Wayne Weber, Fairfield
Tad K. Williams, Amherst
Bruce James Wilson, Mentor
Keith Douglas Wisecarver, Columbus
Janet Marie Worley, Dayton
Jane Elizabeth Zilka, Cleveland Heights
Martin Ignatius Zilka, Avon
Keith Alan Zimmerman, Cincinnati

Civil Engineer

Roy Dale Blessing, Brookville

Bachelor of Science in Civil Engineering

Dara Ahmadi, Tehran, Iran
Bernadette E. Bick, Norwalk
Steven James Brandt, Xenia
Steven Dean Cherryholmes, Ottawa
William Leonid Christensen, Bowling Green
Regina Cik, Cleveland
Harlan Gary Cohen, Columbus
Hassan Mohamad Daabas,
Beirut, Lebanon
Gregory Bruce Damico, Mingo Junction
Gary Bruce Davis, Columbus
Roger Albert Faulkner, Urbana
Tom Allen Fox, Columbia Station
Eugene Charles Geiger, Bellevue
Douglas Kenneth Green, Bridgeport
James Robert Hill, Wilmington
Roger Craig Huff, Drexden
Kurt Roy Keidel, Bay Village
Edward Walter Klassen, Bellefontaine
Timothy Joseph Knapp, Columbus
David Charles Krier, Columbus
Timothy Russell Lane, Columbus
Steven Robert Leyer, Cuyahoga Falls
Robert Vincent Leonelli, Jr., Lakewood
Mark William Litter,
Pamela Jane Long, Upper Sandusky
Frank Joseph Markunas, Boston Heights
Donald Edgar Montgomery, Groveport
Thomas Eugene Mowery, Tiffin
Kimberly Louise Murray, Parma
Joel Nedrow, Mansfield
James Amato Petrosky, Wadsworth
David Brown Powers, Canfield
Jon M. Rock, Channahon
Ahmed Mohammad Said, Palestine, Lebanon
Thomas Paul Sarafin, Columbus
David Michael Schira, Columbus
Michael Lee Schneider, Worthington
Christopher Joseph Schwarz,
St. Louis, Mo.
George Wesley Schweitzer, Dayton
James Allen Shenkewiler, London
William McKenzie Swiger, Worthington
Steven Joseph Sziraki, Mansfield
Robert Edwin Van Evers, III, Lancaster
Jeffrey Allen Vaughn, St. Clairsville
Kathleen Elizabeth Vigh, Cincinnati
Richard Wayne Warden, Columbus
John Joseph Wise, East Liverpool
Carl Jeffrey York, Canal Winchester

James A. Davenport, Jr., Columbus
Dale Lee Dinwiddie, Buckeye Lake
Gene Edward Eakins, South Charleston
Richard Lee Gtridge, Thornville
John C. Hayes, Sylvania
Michael Patrick Hayes,
Prairie Village, Kans.
Randall Scott Hoff, Napoleon
Stephan Price Bell Horlak, Columbus
Deborah Ann Howard, Columbus
Stanislaw Eliezzer Kleszczelski, Columbus
Thomas Kevin Ryan, Kettering
Anne West Schneider, Attica
John Herbert Smith, Chillicothe
William David Watson, Columbus
Henry Isadore Widman, University Heights

Electrical Engineer

Robert Leon McDonald, Fairborn

Bachelor of Science in Electrical Engineering

Albert Gustaf Anderson, Ashtabula
Brian Eric Bader, Troy
Barry Nace Berdaniel, Shelby
William David Boller, North Canton
Richard Jonathan Dottermusch, Aurora
Janet Lynn Dukes, Enon
Randall Nicholas Dunnington, Gahanna
David Alan Elliott, Plantation, Fla.
Douglas Dale Fosselman, Columbus
Steven Michael Fox, Worthington
William Bennett Fox, Novelty
Larry Howard Frew, Westerville
Charles Russell Green, Cincinnati
Adeeb Alex Hamzey, Columbus
Richard Thomas Hennegan, Alexandria, La.
Patrick Joseph Kennihan, Valencia, Pa.
Randall Eugene Kerns, Washington, Pa.
Donald James Kerr, Jr., Youngstown
Jamal Khalusi, Beirut, Lebanon
Jack A. King, Alliance
Stanislaw Eliezzer Kleszczelski, Columbus
Mark George Knebusch, Bay Village
Ralph William Kneifel, II, Cincinnati
Pao Li Kung, Columbus
Mark Kuznetsov, Columbus
David Dale Larson, Columbus
Guenter H. Lehmann, Hoffman Estates, Ill.
John L. Martz, Jr., Columbus
Gregory Clyde Mazza, Bethel Park, Pa.
Richard Casper Meyer, Columbus
Vesper Tortor Owei, Lagos, Nigeria
Richard A. Petrosky, Niles
David Wayne Potter, Columbus
David Allen Pritchard, Mansfield
Mark Angelo Quaglia, Tiltonville
Mark Andrew Salser, Columbus
Thomas L. Shaw, Columbus
Daniel Eugene Snyder, Springfield
Lowell James Stewart, Xenia
Michael Lewis Taulbee, Middletown
John Joseph Volanski, Painesville
David Oman Warner, Ashville
Richard Owen Watkins, Westerville
Scott Charles White, Columbus

Bachelor of Science in Engineering Physics

Susan Carol Baruch, University Heights
Donald Carl Harris, Columbus
Michael S. Mendicino, Parma

Bachelor of Science in Industrial and Systems Engineering

Olusegun Gabriel Akanbi,
Oyo State, Nigeria
Anthony Robert Chirakos, Elkhart, Ind.
James Michael Confer, Springfield
Steven Lynn Cooper, Defiance
Daniel Steven Davidson, Findlay
Susan Marie Dietrich, Bowling Green
Douglas Aaron Dillie, Claysville, Pa.
Nicholas Craig Farber, Columbus
Paul Glenn Ford, Grove City
Gerardo Manuel Garcia-Abascal,
Mexico City, Mexico
Thomas William Gormley, Columbiana
Howes Howard Johnson, Columbus
Jane Ann Lane, Cincinnati
Adolfo Silva Leal, Sandusky
Kevin Richard Leddy, Hamilton, Ontario
Robin Leigh McCallister, Toledo
David William McCune, Columbus
Ronald Douglas Meyers, Columbus
Mark Eugene Nutter, Lancaster
Steven Floyd Reed, Cincinnati
Jeffrey Lynn Salver, Newark
Steven John Schra, Fairborn
David Eric Shadley, Alger
Isidoros Samuel Tiano, Athens, Greece
Joseph Earle Wasserstrom, Toledo
Pamela Jean Williamson, Mansfield
Mark James Winstel, Columbus
Robert Louis Wirth, Jr., Parma

Bachelor of Science in Mechanical Engineering

George William Andrews, Jr., Cincinnati
Mark Allan Avery, Bowling Green
Paul David Ballard, Milford, Conn.
Kenneth Paul Baranek, Maple Heights
Denis Eldon Barry, Columbus
Thomas Christopher Berens, Columbus
Kirk Wayne Carlson, Chagrin Falls
James E. Casciani, Ashland
Hugh Clark Coffman, Avon Lake
Michael Ray Crow, Middletown
David Clarence Cummins, Wooster
Mark Francis Fillinger, Lockbourne
Michael Kurt Furry, Upper Arlington
Robert Alan Fortman, Ottawa
David William Gear, Cincinnati
Donald Raymond Gebhardt, Milford
Randy William Hemker, Ft. Jennings
Ronald Larry Hyatt, Mt. Vernon
James M. Iscovitch, Westerville
Ted Michael Jastal, Maple Heights
John Craig Kammeier, Lima
William Michael Kolarik, Columbus
Michael David Kurte, West Chester
Silas Todd Minnick, Sarver, Pa.
William Norman Moore, Jr., Peninsula
Gary Helmut Paeltick, Solon
Thomas Ward Parker, Maineville

Bachelor of Science in Computer and Information Science

Gary Lee Anna, Columbus
Brian Edward Bailey, Cincinnati
Sally Anne Cleary, Chagrin Falls

1 Also Bachelor of Science in Computer and Information Science, College of Engineering
2 Also Bachelor of Science in Electrical Engineering, College of Engineering
3 Also Bachelor of Science in Surveying, College of Engineering

Marcus Daniel Presar, Columbus
 James Randa, Wooster
 Scott Eugene Rohrbach, Thornville
 Brett Leland Sarmento, Sylvania
 Gary Lee Schaefer, Hammbal
 Dennis Richard Schiely, Worthington
 Randy Scott Stemen, Canal Winchester
 Donald Ward Stevens, Youngstown
 Edward Joseph Stiffart, Chesterland
 Allan Bruce Szenas, Mount Vernon
 William Anthony Thomas, Columbus
 Donald Blaine Thornton, Columbus
 Bruce Arthur Wagner, Navarre
 John Patrick Wake, Wright Patterson
 Air Force Base
 Thomas Michael Walliser, Tiffin
 William Gregory Whipple,
 Lyndonville, N. Y.
 David Louis Wilkinson, Hinckley

Bachelor of Science in Metallurgical Engineering

Paul Henry Allen, Columbus
 Cynthia Lynn Benedict, Blacklick
 Walter Joseph Beringer, Dayton
 Edward Earl Bosken, Cincinnati
 James Anthony Carosiello, Wellsville
 David Walter Gusching, Sidney
 Deborah Ann Kramer, Euclid
 John Richard Krotz, Broadview Heights
 Clarence David Lewis, Franklin
 Scott Edward Livingston, Vandalia
 Michael George Montgomery, Canton
 John Eric Newman, Columbus
 George Alan Paraskos, Columbus
 Steven Domico Piciachio, Brewster
 Anthony Paul Toth, Ambridge, Pa.
 Bruce David Williamson, Proctorville
 Wade Steven Wright, Hamilton

Bachelor of Science in Surveying

²George Wesley Schweitzer, Dayton
²James Allen Shonkwiler, London

Bachelor of Science in Welding Engineering

Bruce Neil Ames, Waynesville
 Patrick Lee Boster, Gallipolis
 Daniel Lee Fondriest, Dover
 Barth Walker Huffman, Cincinnati
 Virgil L. Lewis, Columbus
 Scot Jeffrey Marburger, Columbus
 Charles Donald Petrick, Jr., Euclid
 David Foster Powell, Worthington
 James Michael Rappleye, Horton, Mich.
 James Douglas Risbeck, Damascus
 Jeffrey Hess Shaffer, Gales Ferry, Conn.
 Barth Jon Smith, Wooster
 David Edwin Snider, Cuyahoga Falls
 Timothy Kinch Steingass, Columbus
 Keith Alan Wanner, Columbus
 John Kevin Watson, New Concord
 Walter Ray Whitman, Columbus
 James Thomas Worman, Gahanna

Bachelor of Science in Architecture

David Bunnell Bradford, Glenview, Ill.
 James Edward Bragg, Chicago, Ill.
 Lynne Bright, Columbus

Paul Leonard Brunshi, Carlisle, Pa.
 Richard Gregory Butz, Circleville
 Carl Yuen-Kwang Chan, Baltimore, Md.
 Yun Gil Chung, Columbus
 Kevin Eric Collander, Columbus
 Peter Sims Confar, Columbus
 Kevin John Costelloe, Rumson, N. J.
 Ruben DerGrigorian, Tehran, Iran
 Ted Alan Donnell, Columbus
 James Thomas Eckstein, Westerville
 Joseph John Erdeljac, Jr., Dover
 Andrew John Gallagher, Wilmington, Del.
 Richard Joseph Gorman, Vermillion
 Thomas Eugene Goubeaux, Annandale, Va.
 Andrew Dalton Green, Delaware
 Douglas Richard Haynes, Elyria
 Scott Alan Hemlock, Cleveland Heights
 Jeffrey Alan Henderson, Willoughby
 Diana Marie Hewlett, Cincinnati
 Donald Alexander Highlander, Castalia
 Steven Michael Howard, Middletown
 Steven Hubbard, Cincinnati
 Kurt Christian Hunker, Columbus
 Amalia Maria Iglesias, Worthington
 Jeffrey Alan King, Centerville
 Steven Michael Kopf, Toledo
 Dallas Lauderdale, Jr., Shaker Heights
 David Jay Lee, New Castle
 Wesley Eldred Legg, Bexley
 Sarita Beth Levine, Springfield, Va.
 Richard Kenneth Levitz, Columbus
 Philip Samuel Libassi, Parma
 Todd Michael Marker, Columbus
 Benjamin Bettner McDaniel, Goits, Md.
 Donald Alexander Highlander, Castalia
 Kim I. Myers, Columbus
 Arthur Edward Ott, Jr., Parma
 Ellen Sue Perko, Sudbury, Mass.
 Dennis Lee Perry, Jackson
 John Michael Piccirillo, Dumont, N. J.
 John Phillip Rapp, Columbus
 Frank Jeff Rawding, Convent, N. J.
 John Joseph Reagan, Parma
 Randall Harvey Reger, Kettering
 Mark Conrad Regulinski, Dayton
 Barry Russell Rude, Falling Waters, W. Va.
 William Walter Schwieger, Amherst, N. Y.
 Joseph Ernest Siladi, Stamford, Conn.
 William Joseph Simmons, Eaton
 Dean Robert Sivinski, Columbus
 John Andrew Slettsbak, Worthington
 Jeffrey Walter Snively, East Canton
 David Lindsay Stoll, Cincinnati
 John Stephan Sylva, Columbus
 Luis M. Torres, Columbus
 Stephen Edward Trout, Groveport
 Susan Leslie Turner, Beachwood
 Scott Morgan Wachter, Cuyahoga Falls
 Linda Ellen Waterhouse, Columbus

Bachelor of Science in Landscape Architecture

Daniel John Beach, Defiance
 David Paul Berarducci, Plainville, Conn.
 Albert James Brewster, IV, Akron
 Thomas Marx Caruso, Circleville
 Thomas Michael Dunlap, Winterville
 Robert Paul Grinch, Dublin
 David Robb Havens, Canton
 James Moulton Houk, Toledo
 David Thomas Humphrey, Columbus
 Gregory Walter Johnson, Glendale, Ariz.
 Karen Louise Johnson, Martins Ferry
 William Joseph Killmer, North Royalton
 Ronald Drew Kopf, Worthington
 Susanne Marie McGuire,
 Johnson City, N. Y.
 William Phillip Meyer, Glen Head, N. Y.
 Coleman Morris, Jr., Frederica, Del.
 Carol Emma Müller, Miller Place, N. Y.
 Joseph Oland Neiford, Elida
 Terri Lynne Ostroff, Youngstown
 David Scott Pandolfi, Canton
 Gayle Elizabeth Poole, Columbus
 Rita Louise Roppolo, Columbus

Gregory Timothy Scianamblo, Centerville
 Danny Lee Shepherd, Columbus
 Matthew Scott Shina, Sewickley, Pa.
 Robert Ben Silla, Lyndhurst
 Scott Esmond Smith, Findlay
 Scott Eugene Sonnenberg, Columbus
 Gary Lee Stewart, Elyria
 Richard Douglas Tomko, Pepper Pike
 Brent Douglas Tyrell, Ontario, Canada
 Roderick Cahill Vosper, Steubenville
 John Charles Wagoner, Middletown
 Charles Albert Way, Stanley, N. Y.
 Bernard Robert Wenzig, Pittsburgh
 Earl Lincoln Witsaman, Stow

College of Law

Dean: James E. Meeks

Juris Doctor

Mark Robert Adams, Worthington
 B.A. (Michigan State University)
 Raymond Dale Anderson, Carrollton
 B.A. (Marietta College)
 Thomas Dale Anderson, Ashtabula
 B.A. (Mount Union College)
 Jean Ella Atkin, Bowling Green
 B.S. (Bowling Green State University)
 Gerald Jay Babbitt, Columbus
 B.S. (Miami University)
 Robert Joseph Babcock, Cleveland
 B.A. (University of Dayton)
 James Ronald Bacha, Youngstown
 B.A. (Kenyon College)
 Shelagh Cassidy Baker, Columbus
 B.A. (Fairleigh Dickinson University)
 Eddward Phillip Ballinger, Columbus
 B.A.
 Pamela Maggied Barth, Marion
 A.B. (Ohio University)
 Mark William Bean, Findlay
 B.A.
 James Humphrey Becht, Akron
 B.A. (Duke University)
 Samuel Wayne Benedict, Columbus
 B.A. (Miami University)
 Irving Harold Berliner, University Heights
 B.A. (Miami University)
 Robert Morris Bernard, Columbus
 B.A.
 Thomas Irven Blackburn, Columbus
 B.S.
 William Ernest Blackie, Lakewood
 B.A. (Ohio Wesleyan University)
 Jordan Lewis Blesznick, Cincinnati
 B.A. (University of Cincinnati)
 Richard Charles Blower, Grove City
 B.A. (University of Notre Dame)
 Theodore Allen Bowman, Columbus
 A.B. (Earlham College)
 Richard Howard Brody, Steubenville
 A.B. (Harvard College)
 Timothy Ray Brookes, East Liverpool
 B.A. (Kent State University)
¹ Also Bachelor of Science in Ceramic Engineering,
 College of Engineering
² Also Bachelor of Science in Civil Engineering,
 College of Engineering

Bruce Frederick Browder, Columbus
B.A.

Alan Irving Brown, Dayton
A.B. (Indiana University)

Jeffrey Monet Brown, Worthington
B.A. (Wittenberg University)

Blaise Brucato, North Randall
B.B.A. (University of Miami)

Kimball Hitz Carey, Arcanum
B.A. (Wittenberg University)

Richard Stephen Carey, Leetonia
B.S.Bus.Adm.

James Joseph Chrisman, Sidney
B.S., B.A.

Marcia Lee Clegg, Clarington
B.A. (Brandeis University)

Daniel Oliver Conkle, Columbus
B.A.

Paula Terese Cotter, Lancaster
B.A.

Donald Andrew Cox, Gallipolis
B.S. (Rio Grande College)

Martha Jean Crossen, Iola, Kans.
B.S. (Kansas State University);
M.S. (Iowa State University)

Carol J. Cusick-Simons, Dayton
B.A. (Saint Mary's College)

Christopher Paul DeLaCruz, Waynesburg
A.B. (Dartmouth College)

Thomas Demitrack, Denville, N. J.
B.Mus. (University of Hartford)

Vicki Backus Derr, Columbus
B.S.

Daryl Robert Douple, Fairborn
B.B.A. (Ohio University); M.A. (Ohio
University)

Robert Christopher Doyle, Columbus
B.A. (Ohio Dominican College)

Steve J. Edwards, Grove City
B.S.Bus.Adm.

Steven Pell Elliott, Columbus
B.A. (Miami University)

Robert Arnold Ellison, Mansfield
B.A. (Miami University)

Tyler Bishop Ellrodt, Kohler, Wis.
B.A. (Williams College)

Alan Roark Faulkner, Chicago Heights, Ill.
A.B. (Harvard College)

David Lewis Feldwisch, New Knoxville
B.A.

Thomas Conner Fenton, Centerville
B.A. (Centre College of Kentucky)

Cathy Myers Finley, Columbus
B.A. (Miami University)

William Robert Finnegan, Marion
B.A. (University of Dayton)

Michael James Finney, Coshocton
B.A. (Miami University)

Michael Edward Flowers, Columbus
B.S.B.A. (Bucknell University)

Cheryl Ann Foster, Kettering
B.S.Ed. (Miami University)

Anne Marie Frayne, Springfield
B.S.Bus.Adm.

Paula Lynn Friedman, Pepper Pike
A.B. (Indiana University)

Michael John Fusco, New Haven, Conn.
A.B. (Columbia University)

Carole Sue Genberg, Columbus
B.A.

Bertie Marie Gerling, Columbus
B.A.

Jeffrey Michael Goldsmith, Columbus
B.A. (Denison University)

William Reed Groves, Toledo
A.B. (Ohio University)

Shirley Chalfant Hansgen, Portsmouth
B.S.Ed. (Ohio University)

Edward William Hastie, Jr., Columbus
B.A.

William Lee Hawley, Maple Heights
B.A. (Baldwin-Wallace College)

William Albert Heidrich, III, Ashtabula
B.A. (Kenyon College)

Leonard James Helfrich, Whitehall
B.A.

Robert John Hessler, Grand Rapids, Mich.
B.B.A. (University of Michigan)

Nancy Suzanne Higgins, Columbus
A.B. (Mary Baldwin College); M.A.

David Jay Hirsch, Shaker Heights
B.A. (University of Chicago)

Craig Edward Hodge, Columbus
B.A. (Murray State University);
M.A. (University of Kentucky)

Jeffrey Tom Hodge, Dayton
B.A.

Rebecca Jane Hope, Columbus
B.A.

Renee Jeanette Houser, Columbus
B.A.

Theodore Riggs Hoy, Kettering
B.A. (Wright State University)

Marcia Swigart Hoyt, Columbus
B.S.Ed. (Ohio University); M.Ed. (Ohio
University)

Cynthia Sue Huber, Chicago, Ill.
B.A. (Bradley University)

Brian Edward Hurley, Euclid
B.A. (John Carroll University)

Jennings Wilson Hurt, Dayton
B.A. (Bowling Green State University)

John Paul Hurt, Parma
B.A. (Kent State University)

Edward Alan Hurtuk, Bedford
B.S. (Case Western Reserve University)

Robert Alan Ingram, Middletown
B.A. (Miami University)

Michael Phillip Jackson, Columbus
B.A. (San Francisco State University)

John Scott Jamieson, Worthington
B.A. (Miami University)

David Leslie Johnson, Lima
B.G.E. (University of Omaha);
M.B.A. (George Washington University)

Carolyn Burch Jones, Columbus
B.Sc.

Willie Earl Jones, Baltimore, Md.
B.A. (Earl University)

Joni Roberta Kerr, Hastings, Neb.
B.A. (University of Nebraska)

Robert Steven Kestner, Broadview Heights
B.A. (Ohio Wesleyan University)

Carol Johnson King, Amherst
A.B. (Oberlin College)

John Charles Klein, III, Columbus
B.S. (United States Naval Academy)

Joan Smith Klitch, Columbus
B.A. (Miami University)

Kenneth Hobson Koch, Findlay
B.A. (University of Pennsylvania)

Peter James Kontos, Warren
B.A. (Bowling Green State University)

Ronald Sinclair Kopp, Canton
B.A. (Miami University)

Melodee Siegel Kornacker, Columbus
B.A. (Bryn Mawr College);
Ph.D. (Brandeis University)

MaryAnn Krawchuk, Macedonia
B.A. (University of Akron)

Randy Scott Kurek, Vernon Hills, Ill.
B.A. (Depauw University)

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B.A. (Wittenberg University);
M.P.A. (University of North Carolina)

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B.L.S. (Bowling Green State University)

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B.A. (Duke University)

Daniel Thomas Marshall, Columbus
B.A.

Gregg Marx, Columbus
B.A.

Ellen Marie Matthys, Alliance
B.A.

Thomas Edward Mattimoe, Jr., Toledo
B.S.

Linda Gebauer Mayer, Rocky River
B.A. (The College of Wooster)

Timothy Charles McCarthy, Toledo
B.A.

David Martin McDorman, Columbus
B.A.

Kathleen Emily McKay, Lakewood
B.M. (University of Michigan);
M.Mus. (University of Michigan)

John Charles McKinney,
Ballston Lake, N. Y.
B.S. (University of Florida)

Thomas William McNamee, St. Marys
B.A.

Michael Lee Miller, Columbus
B.A. (David Lipscomb College)

Christopher John Minnillo, Elyria
B.A.

Julius Frank Moldovanyi, Cleveland
B.S. (Case Western Reserve University)

Henry Partloe Montgomery, IV, Columbus
B.S.Bus.Adm. (Bowling Green State
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B.A.

Frank Walter Nagorka, Cleveland
B.A. (Northwestern University)

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B.A. (Miami University)

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B.S.Ed. (Bowling Green State University)
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- Joseph Ritzert, Akron
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- Scott Richard Roberts, Columbus
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- Ian Robinson, Salem
B.G.S. (Kent State University)
- Sandy C. Robinson, III, Huntsville, Ala.
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B.A.
- Judith Ann Roof, Columbus
B.A.
- Mary Elizabeth Safranski, Rockville, Md.
B.B.A. (Ohio University)
- Gina Ann Sansotta, Marion
B.A.
- David Milton Saxowsky, Hebron, N. D.
B.S. (North Dakota State University)
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B.S. (Arizona State University)
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B.A.
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- Jeri Jeanne Simmons, Dayton
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B.A.
- Daniel Lee Swigert, Maineville
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- Kevin Lee Sykes, Lima
B.A. (Beloit College); Ph.D. (University of Chicago)
- Thomas Dale Sykes, Cameron, Wis.
B.A. (University of Wisconsin-Eau Claire)
- Timi Jane Townsend, Wilmington
B.A.
- Philip Logan Ullom, Belpre
B.A.
- Giancarlo Variola, Cincinnati
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- Ann G. Verber, Columbus
B.S.Ed.
- Jay Howard Wamsley, Newman, Ill.
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- John William Ward, Lexington
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B.A. (Wright State University)
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B.A. (Kent State University)
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B.S.E.E. (University of Cincinnati); B.A.
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B.A. (University of Akron)
- Dale Edward Williams, Jr., Warren
B.A. (Wittenberg University)
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B.A. (Ohio Wesleyan University)
- Debra Andrea Winston, Vestal, N. Y.
B.A. (State University of New York at Binghamton)
- Michele Marie Woodard, New York, N. Y.
B.A. (Utica College of Syracuse University)
- Rhonda Sigrist Woodard, Zanesville
B.S.
- Matthew Yackshaw, East Cleveland
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- Mark Howard Zietlow, Columbus
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College of Medicine

Dean: Henry G. Cramblett, M.D.

Doctor of Medicine

- Gregory Lynn Adams, Fairborn
B.S.
- Paul Joseph Addressi, Canton
B.S. (Bowling Green State University)
- Douglas Roark Adler, Toledo
B.S. (University of Michigan)
- Daniel Philip Aspery, Cincinnati
B.S. (Xavier University)
- W. Lynn Augenstein, Waldo
B.A. (Valparaiso University)
- James Benjamin Ball, Jr., Bellevue
B.S. (University of Notre Dame)
- Guy R. Baratz, Doylestown
B.S.

Also Master of Business Administration, Graduate School

Michael Bauerschmidt, Toledo
B.A. (University of Toledo)

Michael Raymond Baum, Columbus
B.A. (University of Toledo)

Bonnie L. Beaver, New Matamoras
B.A.

Robin Francis Beran, Alliance
B.A. (University of North Carolina)

John Reardon Bodker, III, Independence
B.S. (John Carroll University)

David Wallace Brown, Chillicothe
B.A. (Miami University)

Ann Christine Browning-Shaw, Columbus
B.A.

Johnny Wayne Bryant, Reynoldsburg
B.A. (Asbury College)

Mark William Burket, Tallmadge
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Jeffrey William Byrnett, Euclid
B.S. (University of Notre Dame)

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Jack Gregory Casini, Independence
B.S. (University of Notre Dame)

Mary Beth Cass, Columbus
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Timothy Rolland Chamberlain, Bellville
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B.S. (University of Akron)

Vivian Louise Clark, North Ridgeville
B.S.

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B.S. (University of Notre Dame)

Steven David Cox, Vandalia
B.S. (University of Cincinnati)

Benjamin Crocker, Cleveland Heights
B.A. (Occidental College)

Alan Jay Cropp, South Euclid
B.S. (University of Cincinnati)

Ellen Sue Daniel, Bellevue
B.S. (Bowling Green State University)

Michael David Darcy, Arlington Heights, Ill.
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Daniel Marvin Dawley, Akron
B.S. (University of Akron)

David Eldon Denlinger, Greenville
B.S.

James William Derck, Fostoria
B.S. (Bowling Green State University)

Jonathan Marion Detrick, Toledo
M.S. (Bowling Green State University);
B.A. (University of Toledo)

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Richard Waiton Douce, Lowell
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Steven Charles Draeger, Lindsey
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John Charles Duby, Youngstown
B.A. (University of North Carolina)

Deborah Lee Duncan, Jefferson
B.A. (Otterbein College)

Nabil Alfonse El Sanadi, Euclid
B.A. (Case Western Reserve University)

Lorri Mathless Efron, Columbus
A.B. (Indiana University)

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B.S. (Bowling Green State University)

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Paul Stephen Fekete, Youngstown
A.B. (Youngstown State University)

John L. Fortney, Columbus
B.S.

Imanta Edward Freimanis, Columbus
B.S.

Gerald Thomas French, Columbus
A.B. (Loyola University of Chicago)

Roger Stuart Frieden, Kent
B.S. (Johns Hopkins University)

Richard Joseph Fuchs, Fairview Park
B.S. (Bowling Green State University)

Wayne Lee Furman, Antioch, Ill.
B.S. (Allegheny College)

Janice Marie Gallagher, Columbus
B.S. (University of Dayton)

Raymond John Gardner, North Olmsted
B.S.

Gregory Douglas Gerber, Payne
B.A. (Ohio Northern University)

Joseph Gibbons, Shaker Heights
B.A. (Hiram College)

Bonnie Sue Glisson, Akron
B.S.

Bonnie Dupper Golden, Galion
B.S. (Muskingum College)

Joel Evan Goodnough, Kettering
B.S.

Tad Edward Grenga, Youngstown
B.A. (Youngstown State University)

Martin Paul Harpen, Mason
B.S. (University of Cincinnati)

Michael Alan Hetrick, Oak Harbor
B.A. (Cornell University)

Timothy Robert Heyne, Minster
B.S. (Case Western Reserve University)

Charles Joseph Hickey, Parma
B.S.

Donald Kevin Hickey, Toledo
B.A. (Walsh College)

Alan Charles Homans, Rocky River
A.B. (Earlham College)

Claudia Elizabeth Hura, Lyndhurst
B.S. (Purdue University)

Staley T. Jackson, Silver Springs, Md.
B.S. (Howard University)

Timothy George Janz, Euclid
B.M.E. (Cleveland State University)

Craig Steven Jenkins, Zanesville
B.A.

Gregory Gene Johnson, Avon Lake
B.S.

Allen James Jones, Garfield Heights
B.S. (Cleveland State University);
A.B. (Cuyahoga Community College)

James Hughes Jones, Marion
B.A. (DePauw University)

Steven M. Joyce, Akron
B.S. (Kent State University)

Andrew Mark Keller, Columbus
B.A. (Ithaca College)

Marian Kennedy, Columbus
B.S.

Philip Harwood Keyser, Mansfield
B.S.

Gregory Alan Kidwell, Hillsboro
B.S.

Victor Algis Klimas, Lyndhurst
B.S. (John Carroll University)

George Kortyna, III, Broadview Heights
B.A.

James A. Kruse, Strongsville
B.A., A.A. (Lorain County Community
College)

James Albert Krusing, Cincinnati
B.S. (University of Cincinnati)

Edelbert Joseph Kuebeck, Wauseon
B.A. (Saint Meinrad College)

Keith H. Kuppler, Painesville
B.S. (Allegheny College)

Thomas Edward Lammertse, Akron
B.S.

Arthur Lavin, Canton
B.A. (Harvard College)

Keith Jay Lehman, Columbiana
B.S.

David Alan Lewis, Columbus
B.A.

Thomas Allen Loranice, Hamilton
B.A. (Washington University)

Steven Manmang Ma, Columbus
B.S.E.E.

James Edmund MacMillan, Jr., Athens
B.A. (Harvard University)

William Edward Maher, Canton
M.S., B.S. (John Carroll University)

Ronal Doyle Manis, Jr., Dayton
B.S.

Anne Parry Marsh, Hudson
B.A. (Macalester College)

Gayle Lee Mason, Canton
B.A.

James Oldham McMeekin, Lima
B.G.S. (University of Kentucky)

Glenn Joseph Meden, Mayfield
B.S. (John Carroll University)

Raymond Alan Mencini, Wickliffe
B.A. (Saint Louis University)

Michael Joseph Messino, Kent
B.A. (Kent State University)

Ronald James Milewski, Seven Hills
B.A. (Miami University)

*Carl Augustine Minning, Jr., Batavia
B.A.

Ralph Bernard Monnett, Jr., Columbus
B.S.

Mary Alyce Mooney, Pepper Pike
B.S. (John Carroll University)

Michael Lawrence Moore, Hilliard
B.S.

1 Also Bachelor of Arts, Colleges of the Arts and Sciences

- Patrick Timothy Moore, Columbus
B.S.
- ¹Nancy Elaine Morgan, Whitehouse
B.S.
- Jack J. Moss, Cleveland Heights
A.B. (Washington University)
- James Joseph Murphy, Dayton
B.S. (University of Cincinnati)
- Gail Eugene Mutchler, Loudonville
B.S.
- Robert Edward Norris, Grove City
B.S.
- Karl Martin Oehrtman, Farmersville
B.A.
- Pamela Roberts Oehrtman, Harvard, Mass.
B.S. (Wright State University)
- Berta Hildene Olson, Doylestown
B.S. (Bowling Green State University)
- Richard Gerard Orlando, North Kingsville
B.S. (Gannon College)
- Michael Griffith Orr, Houston, Tex.
B.A. (College of Wooster)
- Richard Lee Overmeyer, Defiance
B.A.
- William Gregory Palmer, III, Youngstown
B.S. (Seton Hall University)
- John Michael Pap, Cleveland
B.S. (John Carroll University)
- Timothy James Patterson, Westerville
A.B. (Miami University)
- Vickie Alice Pavlik, Logan
B.A. (Capital University)
- Dale Nathaniel Payne, South Vienna
B.S., M.S., Ph.D.
- Richard Kent Peairs, Springfield
A.B. (Washington University)
- Karen Jo Pentella, Canton
B.S.
- David Frank Perse, Willoughby Hills
B.S. (Northwestern University)
- Christian Mark Peterson, Bay Village
B.S. (University of Cincinnati)
- Dennis James Pierson, Lima
B.S.
- Jonathan James Price, Lorain
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- Thomas Edward Quinn, Springfield
B.A.
- Owen Duane Ragland, Chillicothe
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- Eddie Don Reiley, Wilmington
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- James Edwin Rice, St. Clairsville
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B.S., M.S.
- David Glen Robinson, Cleveland
B.S. (Defiance College)
- Mark Stephen Roh, Canfield
B.A. (Ohio Wesleyan University)
- JoAnn Clare Rohyans, Milwaukee, Wis.
B.A. (Miami University)
- John H. Rosemond, Jr., Columbus
B.S.
- Gerald Michael Rosenberg, Fort Myers, Fla.
B.A. (Miami University)
- Jean Murray Rote, Akron
B.A. (College of the Holy Cross)
- Michael Edward Ruff, Canal Winchester
B.S., M.S.
- Janet Elaine Rush, Pittsburgh, Pa.
B.S., M.S.
- James Michael Ryan, Columbus
B.A. (Ohio Wesleyan University)
- Mark Fredric Sands, Shaker Heights
B.A. (University of Rochester)
- Kenneth Lawrence Saul, South Euclid
B.S. (Northwestern University)
- John William Saultz, Enon
B.S.
- Tracy Warren Schermer, University Heights
B.A. (University of South Florida)
- Thomas Lee Schiller, Greenfield
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- Jay Lynn Schlabach, Wauseon
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- John Elmer Schmitt, Jr., Parma Heights
B.S. (Cleveland State University)
- Anne Miller Schultz, Portsmouth
B.S.
- Thomas H. Schwarcz, Lebanon
B.A.
- Gary Michael Silberbach, Cleveland
B.A. (University of Pennsylvania)
- Mary Leonide Sipski, Bridgewater, N. J.
A.B. (Douglass College of Rutgers University); Ph.D. (Ohio University)
- Jay Leslie Smith, Woodville
B.S. (Otterbein College)
- Randall Howard Smith, Kent
B.A. (Kent State University)
- Deborah Lee Sommer, East Palestine
B.S. (Mount Union College)
- Robert James Spies, Mesa, Ariz.
B.S. (John Carroll University)
- Shawn Scott Stewart, Cuyahoga Falls
B.A.
- Linda Chapman Stone, Lewiston, Mich.
B.A. (Michigan State University); M.A.
- Germaine Druella Strother, Columbus
B.S. (College of Steubenville)
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A.B. (Miami University)
- Thomas Edward Syzek, Dayton
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- James Clay Thornton, Willard
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- Gene Edward Tullis, Salem
B.S. (Kent State University)
- ²Jim Van Jura, Fairport Harbor
B.A.
- Anthony Jon Volpe, Bedford
B.A. (Kent State University)
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B.S. (Penn State)
- Gregory Eric Wanger, Fairfield
B.G.S. (University of Kentucky)
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B.A.
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- Gregory Eugene Weisenberger, Chillicothe
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- Karen Diane Weiss, Columbus
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B.S. (Northwestern University)
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- Jack Zeev Yetiv, Akron
B.A. (Brandeis University)
- Kathryn Jane Zusanp, Columbus
B.S. (Duke University)

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

- Jerome Alan Adell, University Heights
James Edward Allman, Massillon
Curtis Edmond Anderson, Chillicothe
Shelley Ruth Baker, Pittsburgh, Pa.
Kathleen Lynn Bankes, Columbus
Barbara Ann Barkley, Hamilton
Edward Frederick Barnard, Poland
Cynthia Sue Basinger, Akron
Michael J. Bazeley, Cincinnati
B.S. (Marion College)
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Rebecca Lynn Bogner, Westerville
Martajeau Bostick, South Webster
Ellen Kaye Bowman, Lima
Gary Dean Bowman, Fostoria
Diane Kay Bozeka, Louisville
Mark Brooks Bramel, Cleveland
Ronald Wayne Brewer, Holloway
James Allen Brooks, Leetonia
Maureen Anne Broscoe, Lisbon
Elizabeth Ann Brown, Ottawa
Jan Arthur Brubaker, Napoleon
Jane Ann Brubaker, Tipp City
James William Bruney, New Albany
Brenda Sue Brungart, Coshocton
Loretta Marie Bruno, Oberlin
Maryclare Olivia Burgett, Lorain
Ruth Ann Carey, Worthington
Gwen Ellen Case, Cleveland Heights
B.S.
- Arnoldo R. Cisneros, Muskegon, Mich.
Cindy Sue Cohen, Bradenton, Fla.
Marsha Marie Conine, North Baltimore
Patricia Ann Connor, Marco Island, Fla.
Beth Ellen Corthell, Tiffin

¹ Also Bachelor of Science, Colleges of the Arts and Sciences
² Also Bachelor of Arts, Colleges of the Arts and Sciences

Barbara Joy White Covert, Columbus
 Sara Arlene Crase, Galion
 Annette Marie Damico, Chillicothe
 Janene Beth Davidson, Tiffin
 B.A. (Ohio Wesleyan University)
 Arthur Evan Davies, Jr., Chagrin Falls
 Deborah Lee Davis, Cortland
 Barbara Louise Day, Seven Hills
 Jady Lynn DeGiralomo, Columbus
 Mary Ann Derrer, Lorain
 Ethel Burton Dornir, Delaware
 B.S. (Radford College)
 Theresa Marie Drummond, Columbus
 Patricia Ann Duff, Parma Heights
 Nancy Ann Duma, Elma, N. Y.
 Sally Ann Eakin, Mt. Vernon
 Laura Beth Eriksen, Columbus
 Riese Marie Estadt, Zanesville
 Karen S. Flanigan, Columbus
 Sharon Elaine Fleming, Ada
 Monica Lou Flowers, Cincinnati
 Ann Elizabeth Forsythe, Hudson
 Tina Marie Forsythe, Bridgeport
 Kathleen Elizabeth Frederick, Toledo
 Cynthia Joy Friedman, Pepper Pike
 Cynthia Marie Fullen, Columbus
 Deborah Lynn Gardner,
 Stone Mountain, Ga.
 Susan Carol Gerard, Piqua
 Barbara Ann Glatta, Canton
 Joseph Stanley Grabaskas, Toronto
 Kathleen Jean Grace, Youngstown
 Melinda Anne Greene, Tallmadge
 Yvonne Carol Greene, Columbus
 B.A.
 Shelly Kay Hall, Warren
 Scott Brownlee Hardin, Hubbard
 Linda Ann Harrison, Toledo
 Elsie Jane Hartman, Wooster
 Lauren Marie Healy, Toledo
 Mark Carl Healy, Worthington
 Susan Margaret Hines, Westerville
 David Wayne Holt, Plymouth
 Lewis Randall Horner, Kenton
 Patricia Lee Humphreys, Reynoldsburg
 Cynthia Ann Hunyadi, Canton
 Barbara Dykes Jones, Canton
 Jo Ellen Jordan, Eaton
 Lucille Marie Kaminski, Parma
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 Diane M. Kimmet, Elyria
 William Jeffrey Kirk, Bellefontaine
 Vivian Lynn Kish, Roseville
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 Teresa Marie Krall, Avon
 Nanette Marie Kupper, Hamilton
 Mary Elizabeth Lang, Parma
 Beth Ann Lase, Columbus
 Lynette Kay Lefel, Wapakoneta
 Virginia Marie Lesiak, Parma
 Ardythe Lynne Lester, Silver Spring, Md.
 Margaret Mary Leuser, Elyria
 Andrew Cho-Sin Li, Columbus
 Carolyn Black Longwood, Columbus
 Sharon Rose Longstreth, Zanesville
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 B.S. (Kent State University)
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 Jean Ann Michelson, Mayfield Heights
 Patricia Lynn Miller, Hudson
 Scott Stevens Miller, Columbus
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 B.A. (St. John Fisher College)
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 Molly Ann Mulligan, Wooster
 Theresa Mulvaney, Wooster

Lynne Louise Murphy, New Philadelphia
 Kay Evelyn Newton, New Lexington
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 Debra Kay Ogden, Wooster
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 Brad Kelton Pence, Columbus
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 Rebecca Rae Ritchey, Columbus
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 Susan Elizabeth Roush, Bloomville
 Janis Ellen Ruff, Oak Harbor
 Mary Kathryn Russ, Cincinnati
 Stephen Marc Sallada, Fairfield
 B.A. (Miami University)
 Ellen Kay Sawaya, Mt. Vernon
 Ellen Frances Schaa, Columbus
 Barbara Avery Schachenman,
 East Lansing, Mich.
 Rosemarie Ann Schmit, Coldwater
 Mary Ellen Schrob, Dayton
 Cheryl Lee Scribner, Akron
 Mary Kay Shevelov, Miamisburg
 Blane David Sommer, Dalton
 Nancy Ann Sommer, Warren
 Richard Barry Sovacool, Cuyahoga Falls
 B.S. (University of Akron)
 Anita Marie Staubach, Cincinnati
 Donald Larry Stredney, Ashtabula
 Janet Kay Swinney, Dayton
 Russell Leon Sydlowski, Rayland
 Deborah Jean Taylor, Euclid
 Barbara Jean Thomas, Cincinnati
 Marcia Jean Thompson, Fairfield
 Charlotte Barbara Tomko, Parma
 Deborah Anne Tomlin, Warren
 Cynthia Lee Topel, Waterville
 Regina Marie Troha, Cleveland
 Barbara Jane Henry, Massillon
 Suzanne Elizabeth Vogel, Girard
 Dennis Charles Vogt, Columbus
 Samuel Robert Volpe, Lakewood
 Jagruti R. Vyas, Columbus
 Marcia Lynette Waibel, Cincinnati
 Carole Diane Walczak, Parma
 Deborah Sue Walters, Mingo Junction
 Jo Vanice Walters, Norwalk
 Carol Lynn Warsetsy, Somerset, N. J.
 Jody Diane Westfall, Marysville
 Mary Ann White, Convoys
 Christine Krayer Winkelmann, Rocky River
 Daniel Andrew Windle, Canfield
 Linda Mae Woodcock, Cincinnati
 Kathleen Antoinette Zemanek, Lorain
 Brian L. Zimmerman, McDonald

Certificate of Post Baccalaureate Medical Illustrator

José M. Garabis, Columbus
 B.F.A.
 Nancy Heim Stokes, Columbus
 B.A. (University of Kentucky)

Certificate of Post Baccalaureate Medical Technologist

Kathryn Diane Lindsay, Columbus
 B.A. (Miami University)

School of Nursing

Bachelor of Science in Nursing

JoDee Elizabeth Ahrens, Toledo
 Angela Lou Allion, Bloomdale
 Erin Alexis Anderson, Chillicothe
 Martha Jane Baker, Chardon
 Donna Maria Berger, Versailles
 Rebecca Ann Best, Upper Arlington
 Sandra Birnbaum, Marion
 Nancy Lynne Boxler, Parma Heights
 Debra Lynn Brooks, Butler
 Cynthia Marie Bush, Gates Mills
 Karen Sue Campana, Amherst
 Lydia Sanders Carr, Columbus
 Janet Louise Ceryan, Youngstown
 Barbara Sue Chupka, Milford
 Nancy Leigh Conrad, Bay Village
 Susan Annette Corna, Portsmouth
 Jane Ann Courtney, Ravenna
 Diane Leigh Cunningham, Cincinnati
 Lorraine Marie Dankowski, Galion
 Lynn Ann DeVoe, Columbus
 Deborah Maria Dulaney, Columbus
 Ann L. Dunstan, Elyria
 Martin Coe Eldredge, Chardon
 Barbara Mae Emrick, Dayton
 Deborah Rae Farrell, Heath
 Julia Lynn Fino, Columbus
 Gretchen Crawford Fisher, Hingham, Mass.
 Emily Mary Forrester, Toledo
 Constance Beth Fox, Napoleon
 Jennifer Ann French, Jackson
 Nora Beth Friedman, South Euclid
 Nanette Gail Gage, Pickerington
 Jill Anne Gavinski, Columbus
 Cheryl Ann Goldman, Cleveland
 Mary Ann Golubski, Cleveland
 Susan Carol Good, Columbus
 Dorothy Mallett Grandey, Strongsville
 Karen Ann Green, Akron
 Gail Bonny Greenblatt, Beachwood
 Cindy Kay Guess, Carrollton
 Karen Holdford Gwynn, Columbus
 Joan Lynn Hannon, Gallipolis
 Angela Renee Harris, Columbus
 Jenelle Leigh Harrod, Lima
 Leslie Dawn Hazel, Cortland
 Roberta Jane Hecker, Westerville
 Regina Mae Heiser, Columbus
 Barbara Jane Henry, Massillon
 Thelma Marie Hess, Columbus
 Pamela Lynn Hickey, Cleveland
 Jacqueline Marie Hibish, Columbus
 Nancy Jean Hockenberry, Dayton
 Carol Joan Hoenie, Dayton
 Kimberly Ann Hoñus, Mineral Ridge
 Susan Hsia, Kettering
 Laurie Jean Humphreys, Delaware
 Catherine Marie Husek, Bellare
 Arlene Gardner Jacobs, Gnadenhutten
 Wendy Ann Jones, Powell
 Jayne Ann Kahle, Findlay
 Teresa Lee Kalson, Delaware
 Mary Lynne Klopfenstein, Crestline
 Julia Anne Kotnick, Cleveland Heights
 Gayle Ann Kraushar, Cincinnati
 Karen Marie LaMantia, Toronto
 Jean Kay Lantis, Archbold
 Mallory Raye Lloyd, Cincinnati
 Nancy Ann Lyle, Westlake
 Daurice Ann McCullough, Whitehall
 Patricia Ann Magnone, Cleveland
 Mary Diane Mahoney, Columbus
 Randall Dean Martin, Defiance
 Janice Lee Marxen, Pickerington
 Pamela Anne Massarelli, Poland
 Colette Janine Massey, Columbus
 Ricky Jon Mathes, Cincinnati
 Laura Sue Meyer, Hicksville
 Cathy Anne Miller, Columbus
 Giustina Marie Miller, Canton
 Charlotte Orthoefer Mills, Westerville
 Laura Marie Monnin, Lebanon

Janine Ruth Morris, Wheelersburg
 Susan Andrews Murray, Lyons
 Elva Grace Nevil, Peebles
 Karen Marie Nofzinger, Oregon
 Robin Lynn Noll, Zanesville
 Mary Beth O'Connor, Columbus
 Cheryl Jean O'Donnell, Medina
 Paula Owens, North Canton
 Natalie Daria Panasuk, Waynesburg
 Vicky Lynn Parobeck, Cleveland
 Deborah Jane Petrenko, Parma
 Patricia Michele Pozderac, Garfield Heights
 Keith Alan Ramey, Columbus
 Nancy Ann Reamer, Tiffin
 Elizabeth Marie Reynolds,
 Charleston, W. Va.
 Karen Anne Rice, Coshocton
 Phyllis Jean Richardson, Mount Sterling
 Annette Joy Ritter, Columbus
 Peggy Lynn Roberts, Lima
 Lynette Frances Rodgers, Cincinnati
 Connie Ann Roe, Bucyrus
 Melba Michele Rohrbach, Tiffin
 LaFaunna Rumph, Hamilton
 Kathy Mae Rutledge, Orrville
 Judith Adams Ryan, Columbus
 Bella Atlantic Rzepka, Cleveland Heights
 Lisa Marie Sarafin, Mansfield
 Debra Whitaker Savage, Kettering
 Patricia Ann Schneider, Hudson
 Alisa Mildred Schreck, Hilliard
 Luann Sue Schuerman, Pemberville
 Melinda E. Shaftner, Springfield
 Daniel Joseph Sifferlin, Shelby
 Dana Ann Sileo, Parma
 Maryellen Sims, Cleveland
 Kathleen Copenhaver Sipe, Worthington
 Deborah Sue Skinner, Waverly
 Laurie Lehmann Skrada, Lyndhurst
 Elaine Smith, Cleveland
 Kathleen Sovich, Lyndhurst
 Diane Marie Stauffer, Massillon
 Christine Marie Swideraki, Lima
 Kathleen Kay Taylor, Wooster
 Virginia Lee Taylor, Columbus
 Monica Mary Terez, Maple Heights
 Karen Marie Terrell, Ashland, Ky.
 Susan Ellen Tomasevich, Parma
 Mitzi Gale Tong, Sinking Spring
 Jennifer Ann Utrecht, Anna
 Cynthia Ann Unger, Rocky River
 Barbara Ann Uray, Parma Heights
 Karen Sue Vargo, Seven Hills
 Suzanne Kay Vaughn, St. Clairsville
 Eileen Cecelia Vorst, Kalida
 Barbara Irene Wagman, Youngstown
 Cathleen Renee Walters, Hicksville
 Betsy Parkinson Warner, Columbus
 Joyce Patricia Westra, Shaker Heights
 Susan Elaine Wheeler, Barberton
 Carmel Therese White, East Liverpool
 Nancy Ann Wilson, Marion
 Kathy Jo Wisma, Urbana
 Beverly Jane Woodworth, Madison
 Apolonia Kosir Zakej, Cleveland
 Martha Ann Zorko, Olmstead Falls

Richard Harris Billman, II, Jackson
 Robert Joseph Black, Piqua
 B.S., M.A.
 Steven James Blum, Osburn, Ida.
 Robert M. Brenner, Mansfield
 Gregory James Bruchs, Xenia
 Michael Ray Byars, Elyria
 Stanley J. Richard Cail, Richmond, Ind.
 B.S.
 Patricia A. Cassidy, Columbus
 B.S.
 Michael Edward Chester, Chillicothe
 B.A. (Miami University)
 Joel E. Cooley, Tiffin
 Paul John Costianes, Warren
 Michael Jay Crawford, Oregon
 James M. Curtis, St. Clair Shores, Mich.
 B.S. (Eastern Michigan University)
 John Richard Dohney, Wellington
 A.B. (Oberlin College)
 Kurt Louis Ebersole, Findlay
 B.S. (Bowling Green State University)
 Steven Michael Franz, Holgate
 Luke G. Fullenkamp, Coldwater
 B.S. (Bowling Green State University)
 W. Joseph Garvin, Shelby
 B.S.
 Daniel Louis Hallforth, Cincinnati
 B.S. (Georgetown College)
 Lucinda Poston Hathaway, Grove City
 Randall Robert Hieber, Bucyrus
 John L. Hines, Ashville
 B.S.
 Douglas Dwight Hocking, St. Clairsville
 Glenn Harold Hughes, Cincinnati
 B.S. (University of Cincinnati)
 James Eric Hull, Columbus
 B.S.
 David Gary James, Oconomowoc, Wis.
 Cynthia Julia Jemiola, Cleveland
 B.S. (John Carroll University)
 Margaret Jones Kissel, Westfield Center
 B.S.
 Michael Eugene Lawson, Vandalia
 B.S. (Miami University)
 Peter Darrell Liane, Fairborn
 James L. Marshall, Greenville
 Michael Jay McLane, Sidney
 Phillip John Michalos, Canton
 Michael Howard Moorehead, Zanesville
 B.S.
 Timothy Martin Morand, Cincinnati
 Carol Ann Novak, Cleveland
 B.S. (University of Dayton)
 Thomas James Overberg, Toledo
 Jerry R. Paugh, Toledo
 Constance Ready Purk, Columbus
 B.S. (Cleveland State University)
 Kenneth David Purk, Jr., Columbus

Thomas Gerard Quinn, Jr., Zanesville
 Steven Dale Roesch, New Lebanon
 B.A. (Taylor University)
 Michael Leonard Rowe, Reynoldsburg
 Herbert Joseph Shultz, Leetonia
 B.S. (Mount Union College)
 Mark L. Smith, Gallipolis
 Gregory Lynn Stephens, Enon
 Jeffrey Scott Stewart, Springfield
 B.S. (University of Cincinnati)
 Marcela Bozena Vizumler, Brecksville
 David L. Waite, Columbus
 Robert Everett Woodruff, II, Mentor
 Richard Wayne York, Rockford, Ill.
 B.A. (Olivet Nazarene College)
 Douglas F. Zahler, Canton

College of Pharmacy

Dean: Albert H. Soloway

Bachelor of Science in Pharmacy

Mary Susan Adams, Cleveland Heights
 Janet Kay Addington, Portsmouth
 William Everett Addington, Oak Hill
 John Carl Appel, Youngstown
 Joel Allen Baringer, Columbus
 Diane Elizabeth Bartlett, Dayton
 Robert John Belloto, Jr., Struthers
 Gerhard Alexander Berberich, Mansfield
 Bruce William Black, Independence
 B.S. (Bowling Green State University)
 Lillian Zingales Blair, Columbus
 B.A. (John Carroll University)
 Suzanne Ruth Blazeksi, Dillonvale
 Larry Andre Bond, Jacksonville Beach, Fla.
 William Joseph Brammer, Greenfield
 Douglas Dominic Buechter, Troy
 Margaret Ann Bush, Lyndhurst
 Mark Edward Byars, Elyria
 Patricia Diana Carey, Leetonia
 Carol Jean Carr, Mansfield
 David Leonard Carr, Jr., New Matamoras
 June Chen, Morgantown, W. Va.
 Craig Lee Clemens, Cortland
 James Dennis Coyle, Columbus
 Randall Scott Crawford, Upper Sandusky
 Cynthia Diamond, Cleveland
 Stephen Scott Dominy, Kettering
 Tina Marie Eversole, Columbus
 Stephen Edward Follrod, Pomeroy
 Stanford Lee Friedman, Chesterland
 Billie Sue Fritz, Frostburg, Md.
 Paula Ann Funk, Marietta
 Carolyn Louise Geier, Columbus
 Sandra Kay Girton, Columbus
 Gail Ann Grayson, Cleveland Heights
 Anastasia Constantinos Gregoriou,
 Parma Heights
 Gene William Grove, New Middletown
 Kim Larie Hagey, Canton
 Todd Alexander Hampton, Akron
 B.S.
 James Francis Haninger, Columbus
 B.S.
 Alfred Joseph Hill, Jr., Columbus
 Philip Scott Holtzapfle, Columbus
 A.B. (Wheaton College)
 Mark William Johnson, Bellaire
 Rodney Henry Kalbus, Akron

1 Also Master of Science, Graduate School

College of Optometry

Dean: Frederick W. Hebbard

Doctor of Optometry

Cynthia Colby Axe, Charleston, W. Va.
 B.S. (Virginia Polytechnic Institute)
 William J. Benjamin, Jr., Findlay
 B.S.

Jacqueline Kan, Toledo
 Steven Kantarsa, Casperbell
 Patrick Lewis Kelley, Hillsboro
 Gary Michael Kochak, Warren
 Gregory A. Laine, Conneaut
 Darlene Marie Leshinski, Lorain
 Thelma Kay Lewis, Columbus
 Lawrence James Lipp, North Canton
 Daryl Howard Makoff, Richmond Heights
 Cathy Ann Marshall, Cincinnati
 Fadia Najib Matouk, Chillicothe
 Leanne Kay Meyer, Mantua
 Julie Ann Minderman, Port Clinton
 Patrick Dean Mitro, Norwalk
 Earl Steven Molnar, Independence
 Barbara Jean Morrison, Ashland, Ky.
 Miriam Miu-Ling Mui, North Olmsted
 Donald Paul Nadzan, Cortland
 Johna Nemeth, Columbus
 Paul Anthony Nuzzi, Niles
 Karl Steven Pappa, Independence
 Ellis Howard Parish, Canton
 Jenny Louise Peters, Cincinnati
 Kathryn Elizabeth Phillips, Belpre
 Kim Wilson Pollock, Warren
 Catherine Ann Proch, Elyria
 Theresa Shepard Radabaugh, Newark
 Keith Arlyn Rea, Columbus
 Evelyn Sue Roemer, Elizabeth, Pa.
 Linda Louise Rogerson, Belmont
 Michelle Marie Rossi, Warren
 Dianne Kay Saunders, Scottown
 Jill Marie Schneider, Bellevue
 David Willis Shelly, Milford
 Gary Lee Shine, Warren
 Douglas Frank Smith, Columbus
 B.A. (Ohio University)
 Michael Bryan Stabelton, Poland
 Rayna June Strickland, Wheelersburg
 Barbara Ann Susanye, Seven Hills
 Dennis Frederick Thompson, Grove City
 Timothy James Thress, Cincinnati
 Barbara Joan Tozer, Lexington, Ky.
 James Maurice Trowbridge, Minford
 Melvin Eugene Wallace, West Lafayette
 B.S. (Ohio University)
 Lee Kurtis Werts, St. Marys
 Anne Marie Whalen, Fairlawn
 David Marshall Whetstone, Millersport
 Andrew Martin Whicker, Columbus
 Clifford Crandall Williams, Columbus
 Cynthia Marie Woodruff,
 Huntington, W. Va.
 Kimberley Lynne Wortendyke, Hamilton

Karen Lynn Call, Columbus
 Randal John Camps, Greenville
 Carol Sue Catozza, Steubenville
 Theresa Ann Chance, Jackson
 Nancy Isaac Collins, Columbus
 Elizabeth Wells Confar, Columbus
 Kimberly Louise Cowie, North Canton
 Martin Alan Cox, Columbus
 Kathleen Ann Criss, Cuyahoga Falls
 Carol Sue Cyrus, Columbus
 Carolyn Louise Daum, Marion
 Dennis Wayne Deel, Plain City
 Margaret Ann Denune, Granville
 Patricia Lynne Dickey, Columbus
 Annette Dietrich, Minerva
 Catherine Ann Doersam, Columbus
 Germaine Radford Elliott, Lancaster
 Marla Rae Endress, Milford
 Mark Robert Finch, Cincinnati
 Julia Kay Foster, Columbus
 Sharon Denise Franklin, Warrrenville
 Ellen Jane Friedlander, Columbus
 Judith Mayce Friedman, Youngstown
 Lucy Elaine Gardner, Stone Mountain, Ga.
 Molly Ann Gates, Baltimore
 Vickie Sue Gerken, Columbus
 Paula Joyce Gessiness, Cincinnati
 Norma Joy Grealis, Columbus
 Julie Diane Griffin, Columbus
 Susan Laurie Haberman, Akron
 Joan Catherine Haefling, Tiffin
 Barbara Rabatin Hardesty, Columbus
 Kathleen Elaine Hart, Wilmington
 Rita Renee Haynes, Columbus
 Terrence Robert Heffernan, Columbus
 Lori Lynn Heinz, Columbus
 Donna Jean Hines, Broadview Heights
 Elaine Marie Hill, Mansfield
 Beverly Jean Ingmier, Marion
 Mary Ann Ivan, Lorain
 Marguerite B. Jarrett, Columbus
 Kathryn Louise Jemison, Reynoldsburg
 Elizabeth Marie Jones, Columbus
 Ronald Elie Kaplovitz, University Heights
 Deborah Koetz Kelly, Bexley
 Corinne F. Kennedy, Newton Falls
 Susan Bess Kerr, Sidney
 Cheryl Denise King, Akron
 Frederick William Lappert, Columbus
 Sandra Kay LaRue, Bloomville
 Charles Thomas Lausch, Columbus
 Rose Ann Lenzy, Canton
 Mari-Lyn Lewis, Wooster
 Lorraine Mae Lipps, Williamsfield
 Teresa Elaine McCall, Lima
 Pamela Sue McConehea, Columbus
 Nancy Jane MacLaughlin, Columbus
 Elizabeth Matina, Columbus
 Gina Sue Melton, Columbus
 Jean Alice Micklis, Fairview Park
 Terry Ann Mockler, Chagrin Falls
 Veronica Carol Nedef, Dayton
 Brenda Elaine Nicholson, Columbus
 Belinda Jeanne Oatney, Columbus
 David Francis Osookie, Kumpfont, Pa.
 Thomas Joseph Pelland, Akron
 Mary Ellen Pettus, Clinton
 Ira Christopher Poff, Hilliard
 Corday Knappe Rich, Worthington
 Janet Marie Ritter, Columbus
 Anita Louise Ritzhaupt, Galion
 Nilda Antonia Rivera, Columbus
 Karen Gail Roberts, Columbus
 Pamela Beth Ross, Beachwood
 Sharilyn Rae Royer, Galion
 Susan Brooke Sage, Bay Village
 Lisa Michelle Saville, Shalena
 Cindy Renee Schwartz, Beachwood
 Walter David Scott, Galloway
 Jacqueline Adele Seaman, Manchester
 Lori Ann Seaman, Columbus
 Marilyn Kay Shannon, Columbus
 Laurie Lynn Shubert, Miami, Fla.
 Lourdes Simón, Dayton
 Mary Margaret Simon, Columbus
 Susan Elaine Slay, Westerville
 William Bernard Solomon, Columbus
 Brenda Lee Starkey, Columbus

Ruth Ann Steinberg, Champaign, Ill.
 Patricia Louise Sudar, Euclid
 Margaret Jeanne Talley, Columbus
 Sally Ward Thorpe, Highland Heights
 Rebecca Jo Vince, Rayland
 Theresa Ann Vitullo, Columbus
 Sally Ann Walls, Sidney
 Barbara Louise Watkins, Columbus
 Mary Vella Wenning, Butler
 Hlisa Joy Widom, Miami, Fla.
 Lynn Jeannette Williams, Columbus
 Wendy Elizabeth Williams, Columbus
 Walter Fraizer Winsor, Toledo
 Mary Elizabeth Woerner, Columbus
 Lori Ann Yosick, Dover
 Raymond Zamudio, Columbus
 Karen Anne Zubler, Orange Village
 Margery Ann Zwiebel, Wapakoneta

College of Veterinary Medicine

Dean: C. Roger Smith

Doctor of Veterinary Medicine

Teresa Lee Alessio, Akron
 B.A. (University of Colorado)
 Mary Suzanne Aller, Great Falls, Va.
 B.S. (Virginia Polytechnical and State University)
 Ann Elizabeth Beczkowicz, Louisville, Ky.
 B.A. (University of Louisville)
 Frank William Bischak, Cincinnati
 B.S., M.S.
 Franz Bogner, Belle Mead, N. J.
 B.S. (Rutgers University)
 David William Boudouris, Sylvania
 B.S.
 David Oliver Bowman, Columbus
 B.S.
 Jill Elaine Bowman, Lancaster
 Michael Halpern Braun, Beachwood
 B.S. (Rutgers University)
 Paul Anthony Brinker, Cincinnati
 Charles Jeffrey Brown, Newark
 B.S.
 Connie Cornett Brown, Greenville
 B.S.
 Joanne Elizabeth Burgan, Cuyahoga Falls
 William Firestone Busch, Alliance
 B.A. (College of Wooster)
 David Lynn Calland, West Liberty
 B.S. (Bowling Green State University)
 Wendell John Cole, Dover, N. H.
 B.A. (University of New Hampshire)
 Michael Bartholomew Conway, Manchester
 B.S.
 Robert Donald Cook, Cortland
 Charles Michael Copeland, Worthington
 Marcia Ann Cushing, Morgantown, W. Va.
 Barbara Magdalene Daft, Wooster
 B.S.

College of Social Work

Dean: Robert O. Washington

Bachelor of Science in Social Welfare

Carol Lee Adams, Findlay
 Dolly Ann Adams, Columbus
 Judith Lynne Altstadt, Brook Park
 Lisa Marie Amari, Parma
 Pamela Jane Anderson, Carrollton
 Pamela Louise Aslanides, Cortland
 Cynthia Louise Bailey, Cincinnati
 Anne Harrison Barker, Grove City
 Sandra Kay Barringer, Columbus
 Lauretta Lynn Beltz, Howard
 Bonnie Jo Berman, South Hempstead, N. Y.
 Ellen Tamar Bernstein, Cincinnati
 Anita Ruth Biener, Nashville, Tenn.
 Sarah Ann Boone, Salem
 Marcelle Renee Bostick, Columbus
 Cynthia Ann Bredbeck, Springfield
 Stephanie K Bryan, Springfield
 Desda Kathryn Buckley, Lakeland, Fla.
 Julie Renee Burget, Scotch Plains, N. J.

Joseph Angelo D'Amico, Kettering
B.S.

Stephen John Dicke, Kettering
B.S.

Robert Charles Diesem, Columbus

Steven Paul Donovan, Worthington

Ralph Benjamin Dorsey, Mt. Hope, W. Va.
B.S. (West Virginia Wesleyan); M.S.
(Virginia Polytechnical and State
University)

John Michael Douds, Hudson

Thomas Patrick Edgar, Lyndhurst
B.S.

Neal Victor Fledderjohann, St. Marys
B.S.

Lauriel Elizabeth Fletcher, Hudson
B.A. (Hiram College); M.A. (State
University of New York at Stony Brook)

Barbara Gale Froscher, Homestead, Fla.
B.S. (University of Florida)

Cathy Ellen Gaber, Worthington

Cecelia Kay Garrett, New London
B.S. (Bowling Green State University)

Mary Ellen Geib, Euclid
B.S.

Janice Louise George, Lexington, Ky.
B.S. (University of Kentucky, Psychology);
B.S. (University of Kentucky, Zoology)

Thomas Alan Glasser, Ashland
B.S.

Bradley James Gordon, Akron

Robert Emmet Guy, Jackson, Tenn.
B.A. (Vanderbilt University);
M.S. (University of Southern California)

David John Haeussler, Cincinnati

Pamela Jean Hand, Tinton Falls, N. J.
B.A. (Ohio Wesleyan)

Thomas Scott Hart, Gibsonburg
B.A.

Stanley Alvin Hastings, Columbus
B.S.

Frank Michael Haustovich, Youngstown

Kathi Hacker Heiber, University Heights

Marsha Lee Heinke, Bay Village

Daniel Joseph Hellwarth, Celina
B.S.

Patricia Aillece Hetey, Columbus
B.A. (Trinity University); M.S.

Mary Jane Hinde, Dayton
B.S. (University of Dayton)

Lynn Carol Hissett, Terrace Park
B.S. (Purdue University)

Eric Roscoe Hoffman, Port Clinton
B.A. (Denison University)

Robert Leslie Hooke, Hightown, Va.
B.S. (Virginia Polytechnical and State
University)

Keith Howard Hopkins, Westerville
B.A. (Otterbein)

Lorraine Kogut Jarboe, Fords, N. J.

Norman Jay Jeter, Benton, Ky.

Gary Stephen Johnson, Columbus
B.S. (Ohio University)

Palmer Jowdy Johnson, Westerville
B.S.

James Milton Kartsimas, Columbus
B.S.

Hillary Eileen Kaufman,
University Heights
B.S.

Bruce William Keene, Akron
B.S. (University of Kentucky)

Dean L. Kile, St. Marys

Kristen Lynn King,
South Charleston, W. Va.
B.S. (Duke University)

Gary Cleve Klein, Wadsworth
B.S. (University of Akron); M.S.

Jerry Klein, Mayfield Village
B.A. (Miami University)

Paulette Marie Kohler, Brecksville

Janice Louise Koloda, Parma
B.A. (Case Western Reserve University)

Louise Anne Stephens LaBarre,
Timberlake, N. C.
B.A. (Earlham College)

Heidi Ann Langendoen, Nashua, N. H.
B.S. (University of New Hampshire)

John Elmer Lanier, Sebring, Fla.
B.A. (University of South Florida)

David Willis LeBourveau, Columbus
B.S.

Martha Christine Leshner,
Olmsted Township
B.A. (Carleton College)

Carol Ann Lichtensteiger, Ohio City
B.S.

Paula Joan Mack, Parma
B.S., M.S.

Joseph Stephen McCracken, Dayton
B.S.

Gregory Candell McDonald, Columbus
B.A. (New Haven College); M.S.
(Southern Connecticut College)

Thomas Lloyd McMichael, Columbus
B.S., M.S.

Kelton Scott McMurray, Parkman
B.A. (Hiram College)

Robert Lowell Medford, Dayton
B.S.

Linda Medleau, Cleveland Heights
B.S.

Donna Starita Mehan, Montclair, N. J.
B.S. (Rutgers University)

Jane Michele Melchior, Uniontown
B.S.

Rebecca Ann Miller, Columbus
B.S.

Robert Eric Miller, Chillicothe
B.S.

Eric Martin Mills, Tipp City

Juliani Marie Moenter, Van Wert

James Daniel Monfort, Columbus

Laura Jean Morrow, Charlotte, N. C.
B.S. (North Carolina State University)

Marjorie Anderson Murray, Reynoldsburg
B.S.

Kathleen Louise Myers, Bellville
B.S.

Charles David Nash, Jr., Alderson, W. Va.

Thomas John Newton, Columbus
A.B. (Wilmington College)

Roger Lawrence Nichols, Clinton, Md.
B.S. (University of Maryland)

Chester W. Paulus, III, Somerset, N. J.

Linda Meiring Peck, Ft. Recovery
B.S.

Richard Paul Pence, Dublin

Larry Joe Pennington, Tiffin
B.S.

Karen Elyse Petach, Anchorage, Ky.

Jeffrey Lee Punderson, Marietta

Virginia Butler Reef, Eaton
B.A. (Mount Holyoke College)

James Robert Richards, Jr., New Paris
A.B. (Berea College)

Dean Wheeler Richardson,
Southern Pines, N. C.
A.B. (Dartmouth College)

Ronald Frederick Rohde, Brook Park

Joseph Francis Ross, Elizabeth, N. J.
A.B. (Rutgers University); Ph.D. in
Physiological Psychology (University of
Chicago)

John Sangenario, Jr., Bowling Green, Ky.
B.S. (Western Kentucky University)

Richard Glenn Seaman, Montpelier
A.B., M.A. (Miami University)

Robert Tadsen Sharp, Niles
A.B., M.A. (Miami University)

Debra Lynn Shondrick, Canton
B.A.S. (Ohio Northern University) In
Biology and Psychology

Edith Lee Simpson, Pepper Pike
B.S. (Duke University)

Joanne Marcia Smith, Silver Spring, Md.
B.S. (University of Maryland)

Todd Brian Smith, Wooster

Gary Mark Solow, Elkins, W. Va.

Gareth Hamilton Spurlock,
Independence, Ky.

Paul Richard Stephens, Circleville
B.A. (Amherst College)

Randall Jay Stern, Massillon

William Steven Stokes, Fern Creek, Ky.
B.S. (University of Louisville)

Daniel James Stradley, Columbus

Lou Anne Taylor, Zanesville

Timothy Paul Trayer, Wilmington
B.S. (Wilmington College)

Thomas Joseph Ulyshen, Marysville
B.A. (Miami University)

James Guy Underwood, Columbus
B.A. (Miami University)

Susan Jane Updike, Burgoon
B.S. (Bowling Green State University)

Raymond Scott Wagner, Garfield Heights
B.S.

John Scott Walkenhorst, Cincinnati
A.B. (Wesleyan University)

William James Weber, Leesburg, Fla.

: Also Master of Science, Graduate School

Thomas Vernon Wilkin, Van Wert
B.S. (Ohio University)

Kenneth Gregory Wright,
Silver Spring, Md.
B.S. (University of Maryland)

GRADUATES WITH HONORS

Summa Cum Laude

Dolly A. Adams
Michael Barbier
Michael William Barker
Earl Crafton Beck, II
David Scott Borrer
Nancy Lynne Boxler
John Melvin Cartwright
Robin Paula Clement
James Dennis Coyle
Michael Eldon Dellinger
Glenn Michael Dickey
Mary Patricia Enciso
Robert J. Enoven
Clark Everly
William James Fanning
Karen S. Flanigan
Sharon Elaine Fleming
Gerard Manuel Garcia-Abascal
Molly Gates
Richard William Gentil
Wilson K. Gibbins
Stephen Duncan Grugin
Mary Louise Harbrecht
Peter William Hellyer
Jeffrey Alan Henderson
Julie Ann Herron
Donna Hicko
Maribeth Lee Hilberg
Elaine M. Hill
Lynn Carol Hisselt
Caroline Sue Hixson
Patricia Lee Humphrey
Ellen Janet Imhoff
Steven Martin Joyce
David Lowell Kandel
Jeffrey Scott Keeny
Kristen Lynn King
Margaret Jones Kissel
Neil Bruce Kornswiet
Mark Kuznetson
Katherine Mary Kwiatkowski
Alan Joseph Lacko
Jane Ann Lanz
John Christopher Lanz
Patrick Mack Lewis
David Jonathan Louis
Patricia Ann Magnone
Marian J. Mahfood
David Carl McAlister
Robert B. McGhee, Jr.
Martin McHenry
Karen Ann Miller
Carl Augustine Minning, Jr.
Leslie Susan Mundew
Martin C. Murrer
Susan Andrews Murry
Debra Ann Nesselroad
Cynthia A. Osburn
Lynne Ovington
Barbara Ann Painter
Karl Steven Pappa
Cynthia Dawn Peabody
Michael Lewis Perkins
David Alan Pimsner

Cynthia Dillon Polles
Dean Wheeler Richardson
Connie Ann Roe
Kathleen Murphy Rowland
Bryon Michael Sansom
David William Schmitt
Sharon L. Shackelford
Douglas Frank Smith
Sharon Elizabeth Smith
Carol Lynn Sommer
Rebecca Loray Stentz
Gregory Lynn Stephens
Bert A. Stinebaugh
Marc Edward Stockwell
Nancy Lynn Syljebeck
Judith L. Tokel
James Edward Tupa
David Donald Vaas
David Oman Warner
Jeff Thomas Warner
Scott Allan Watkins
Donna Carolyn Weaver
Mary Wenning
Ronald Wayne Wilkes
Sylvia Ann Wise
Keith Douglas Wisecarver
Mary E. Woerner
Kathy Ann Wright
Kathles Brent Yoder
George Joseph Zillich
James Madison Zinser

Summa Cum Laude with distinction
in Animal Science

John Melvin Cartwright

Summa Cum Laude with distinction
in Horticulture

Rebecca Evelyn Fouse

With distinction

Diane Johnson Prosser

Cum Laude

Laura Ann Ahlbach
Joyce Ann Albaugh
Daniel Thomas Anderson
John Carl Appel
Robert Edward Archer
Robin Lees Askins
James Jerome Augustine
James Benjamin Ball, Jr.
Paul David Ballard
Cynthia Jeanne Barrows
Richard E. Barson
Joyce Ann Battson
Ellen Lee Belcher
William J. Benjamin, Jr.
Roger William Benz
Donna Marie Berger
Susan Marie Bernard
John Watson Berridge
John Keith Bidwell
Nancy Lynn Biederman
Charles Richard Bland
Richard Burke Blocher
Susana Ackerman Bogler
Rebecca Lynn Bognier
Sarah A. Boone
Jack Forrest Boss, III
Marcelle R. Bostick
Andrew Charles Bott

James Patrick Botti
Jill Elaine Bowman
Janet Kay Boyd
David Bunnell Bradford
Cheryl Ann Branibar
Belinda Lee Bresnahan
Amy Catherine Bricker
Michael Scott Bringardner
Cynthia Kay Brockman
Elizabeth Ann Brown
James Dominic Brue
Alice Dee Burger
William Jerome Burger, Jr.
Karen L. Call
Dolores Jean Camp
Bonnie Collier Channell
John Richard Clawson
Craig Lee Clemens
Nancy I. Collins
Kathy Eileen Comer
Peter Sims Confar
Nancy Leigh Conrad
Monette Wynn Cope
Frank Anthony Cosiano
Susan Elaine Cover
Barbara Nancy Crider
Mark David Cross
Kimothy Curtis
Charles Magdalene Daft
Dennis W. Deel
Jady Lynn De Giralomo
Valerie Ann DeMuth
Annette Dietrick
Dale Lee Dinwiddie
Ellen Jones Doeble
Richard Jonathan Dottermuck
Laurence Earl Drake
Jo Ellen Furney Dreve
Janet Marie Dukerich
Kay Lynn Eberle
Jennifer Marie Eling
Gerry Lee Emerick
David Edward Eppley
Ronald Lee Etter
David Scott Etkorn
Roger Albert Faulkner
Robert Joseph Feeley
Paul Stephen Fekete
Zackary Franklin
Cathy Cooper Freisthler
Nora Beth Friedman
Richard Joseph Fuchs
Cathy Ellen Gaber
Mary G. Gagen
Tamara Leigh Galloway
Janice Louise George
Craig Giffi
Bonnie Sue Glisson
Barbara Jill Glover
Nelly Rimini Goren
Sarah L. Sheffield Grantz
Gail Ann Grayson
Stephen Duncan Grugin
Dale Fredrick Hachten
William Frances Hahn
Joseph Hurley Hampton
Pamela Jean Hand
Nancy Lee Hanna
Donald Carl Harris
Kathleen Hart
Karen Sue Hartnagel
Thelma Marie Hess
Melissa Kay Hibbard
Jacqueline Marie Hilbisch
James Dalton Hodgins
Carol Joan Hoenie

Teri Evelyn Holton
 Robert Leslie Hooke
 Amalia Maria Iglesias
 Dyanna Austin Irvine
 David Joseph Ishley
 David Gary James
 Jay Alan Jefferson
 Matthew Richard Jenkins
 Mark William Johnson
 Michael Jay Jokerst
 Jim Van Jura
 Jana Lee Kable
 Teresa Lee Kalson
 Lucille Marie Kaminski
 John Craig Kammeyer
 David Lowell Kandel
 Michele Lee Karl
 Andrea Jill Katz
 Douglas Eugene Kaylor
 Bruce William Keene
 Timothy Richard Kelley
 Marian Kennedy
 William Joseph Kenney
 Mark William Klaburde
 Mark Alan Kleffner
 William Knoke
 Janice Louise Koloda
 Ronald Drew Kopf
 William Kenneth Kroke
 Gerald Francis Krupar
 Nanette Marie Kupper
 Janet Rush Lang
 Margaret Ann Law
 Laurie Jean Lawson
 Richard Alan Lazar
 David Jay Lee
 Sally F. Leggett
 Jeffrey Leptok
 Richard Kenneth Levitz
 David Alan Lewis
 Thelma Kay Lewis
 Carol Ann Lichtensteiger
 Dennis Alan Linden
 Brian Keith Lohrmuller
 Mark Allen Maddox
 Donald Paul Madzan
 Mary Diane Mahoney
 Elizabeth Ann Marschall
 Carol Jean Martin
 Gayle Lee Mason
 Mary Ann McGee
 Jacqueline Sue McLoda
 Dennis Owen McPheron
 Raymond Alan Mencini
 Karen Susan Metzger
 William Philip Meyer
 Kathryn Marie Meyers
 Cathy Anne Miller
 Guistina Marie Miller
 Robert Eric Miller
 Charlotte O. Mills
 David Lewis Minnick
 Kathleen Monter
 Beth Ann Moore
 Patrick Timothy Moore
 William Norman Moore, Jr.
 Phyllis Ann Moran
 Nancy Elaine Morgan
 Coleman Morris, Jr.
 Kent Lane Mueller
 Theresa Mulvaney
 Lora Jayne Munsell
 Lynne Louise Murphy
 Juliana Myers
 Kenneth Allen Myers
 Melinda Kristine Myers

Ronald Eugene Myers
 Susan Marie Naymik
 Randall Trevor Nesser
 Roberta Elizabeth Orsini
 Thomas Ward Parker
 Madeline Osborne Partlow
 Diane Marie Patrick
 Ellen Sue Perko
 Rebecca Ann Peters
 Christian Mark Peterson
 Pamela Lee Petzel
 Ross Daniel Pickard
 Theresa Marie Pinamont
 Mary Loretta Plank
 Gary Jay Pollack
 Vicki Jo Pritchard
 Catherine Ann Prock
 Sara Jane Purcell
 Kenneth David Purk, Jr.
 Randall William Baker Purvis
 Lucinda Ann Quinn
 Thomas Edward Quinn
 Thomas Gerard Quinn, Jr.
 Richard Edward Ranchoff
 Reene Marie Ranck
 Patrick Alan Raymond
 Richard Mierle Rea
 John Joseph Reagan
 Timothy Michael Reddy
 Keith William Reeves
 Gabriele Diane Reil
 Tammy Jane Reitter
 James Robert Richards
 Bradley Kent Rife
 Robin Rebecca Riffle
 Kathleen Marie Roch
 Steven Brent Rogers
 JoAnn Clare Rohyans
 Jimmie D. Rose
 Patricia Lee Rose
 Susan Elizabeth Roush
 Jeffrey Rudolph
 Randolph Arthur Rudowicz
 Mary Kathryn Russ
 Jany Lou Sabins
 Susan Sage
 Debra Whitaker Savage
 David Nelson Sceva
 William E. Scherger
 John Richard Schleder
 David William Schmitt
 Cynthia Ann Schroeder
 Luann Sue Schuerman
 Carl Romie Schumaker
 Kimberly Anne Seipel
 Cynthia Louise Shockey
 John Andrew Slettebak
 Jeffrey Alan Smith
 Victoria Lynn Smith
 Deborah Lee Sommer
 Scott Eugene Sonnenberg
 Kallette Murl Spaeth
 Barbara Gail Stadelman
 Camilla Sue Stanfield
 Debra Lynn Stefanik
 Ruth Steinberg
 Paul Richard Stephens
 Larry Albert Stern
 Lowell James Stewart
 Bruce Larry Stout
 Thomas David Stuckey
 Carmen Louis Talarico, Jr.
 Margaret Talley
 Anthony Richard Taylor
 Nancy Ann Terveer
 Marcia Jean Thompson

Kathryn Mary Thraikill
 Timothy James Thress
 Barbara Joan Tracer
 Linda Brodnax Tracy
 Douglas Wesley Triffon
 David Robert Truex
 Jennifer Ann Uetrecht
 Linda M. Vallen
 Denise Lynn Vaughn
 Gary Alan Viebranz
 William Wallace Vogelgesang
 George Vukmir
 Bruce Arthur Wagner
 Debra Jo Waldron
 John Scott Walkenhorst
 Stephen Paul Wallace
 Thomas Michael Walliser
 Terry Lee Walter
 Thomas Cris Warsinsky
 Catherine Louise Waugaman
 Kelly Elizabeth Weber
 William Gregory Whipple
 Carmel Therese White
 David Ralph Wickham
 Steven Douglas Wilcher
 David Louis Wilkinson
 R. David Witchey
 M. Lynn Wolfe
 Cynthia Marie Woodruff
 Deborah Ann Wright
 Connie Marie Wymer
 Theodore Edward Wymyslo
 Linda Marie Zimmerman

Cum Laude with distinction in
 Agricultural Education and Agri-
 cultural Economics

Ann Elaine Schaible

Cum Laude with distinction in
 Agronomy

Theodore James Diedrick

Cum Laude with distinction in
 Animal Science

Stuart Alan Ensor

Cum Laude with distinction in
 Biochemistry

Jay Paul Kasner

Cum Laude with distinction in
 Environmental Education

Thomas Joseph Powell

Cum Laude with distinction in
 Psychology

Bruce Duane Sampsel

Cum Laude with distinction in
 Wildlife Management

Randy Lee Smith

Cum Laude with distinction in Ancient
 History with honors in the Liberal Arts

Barbara Anne Miller

Cum Laude with distinction in History with honors in the Liberal Arts

Patricia Amburgey Stone

Cum Laude with distinction in History of Art and Archeology with honors in the Liberal Arts

Janet White Nickerson

Cum Laude with distinction in Philosophy and Psychology with honors in the Liberal Arts

Steven Paul Hampl

Cum Laude with distinction in Political Science with honors in the Liberal Arts

David Michael Rosenfield

Cum Laude with distinction in Psychology with honors in the Liberal Arts

Johann Nicholas Prewett

Cum Laude with distinction in Urban Studies with honors in the Liberal Arts

David Robert Dysard

Cum Laude with honors in the Liberal Arts

Douglas Edward Duckett
Louis Alan Goodman
Jocelyn Anne Hammond
Robert Neil Kepple
Mary Helen Lawrence
Isabel Hsiao Wen Liu
Stephen Tower Swartz
Pamela Sue Worner
Julia Zavakos

With distinction

Richard J. Garvin
John Francis Kreinbrink
Diane Johnson Prosser

With distinction in Agricultural Education and Agricultural Economics

Robert William Groves, II

With distinction in Agronomy

Frank George Burroughs
Cynthia Kaye Wagner

With distinction in Anthropology

Steven Michael Emmert

With distinction in Dairy Science

Douglas Kelley Mills

With distinction in Geology

Robert Endres

With distinction in History of Art

Thomas Kochheiser

With distinction in Medical Dietetics

Shelly Kay Hall
Ellen Frances Schaaf

With distinction in Medical Illustration

Donald Larry Stredney

With distinction in Photography and Cinema

Cindy Ann Beatti

With distinction in Physical Therapy

Gary Dean Bowman

With distinction in Political Science

Denise Roman
Thomas Mlay

With distinction in Psychology

Josephine Piehowicz

With distinction in Resource Development

Clinton David Beaver

With distinction in Biochemistry with honors in the Liberal Arts

William J. Morris

With honors in Dairy Science

Joel Coulombe Kitchens

With honors in the Liberal Arts

Thomas H. Belhorn
Charles Carstensen
Karen A. Komisar
Charles R. Leidner
Robert N. Merrill
James H. Noit
Alice D. Wolfe
Julie K. Woodson

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

Columbus, Ohio, June 7, 1979

The Board of Trustees met at its regular monthly meeting on Thursday, June 7, 1979, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Patricia D. James, Chairman, Howard D. Sirak, Chester Devenow, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens and Daniel M. Galbreath.

* * *

Minutes of the last meeting were approved.

* * *

June 7, 1979 meeting, Board of Trustees

The Chairman, Mrs. James, called the meeting of the Board of Trustees to order at 12:00 noon. She requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering personnel related matters.

Present: Patricia D. James, Chairman, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens, and Daniel M. Galbreath.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

Mrs. James announced the committee appointments for 1979-80.

COMMITTEE APPOINTMENTS 1979-80

Resolution No. 79-137

WHEREAS the appointments to Committees and the representatives to the Research Foundation Board of Directors, the Development Fund Board of Directors and the Inter-University Council for 1979-80 are as follows:

Educational Affairs Committee

Warren J Smith, Chairman
John D. Jacob, Vice Chairman

Chester Devenow
Patricia D. James, Ex Officio

Fiscal Affairs Committee

D. James Hilliker, Chairman
John F. Havens, Vice Chairman

Howard D. Sirak
Patricia D. James, Ex Officio

OARDC Agenda Review Committee

Daniel M. Galbreath, Chairman
John M. Stackhouse, Vice Chairman

Edmund C. Redman
Patricia D. James, Ex Officio

Student Affairs Committee

John F. Havens, Chairman
Warren J Smith, Vice Chairman

D. James Hilliker
Patricia D. James, Ex Officio

Personnel Committee

Patricia D. James, Chairman
Chester Devenow, Vice Chairman

Howard D. Sirak

Development Fund Board

Edmund C. Redman

Daniel M. Galbreath

June 7, 1979 meeting, Board of Trustees

COMMITTEE APPOINTMENTS 1979-80 (contd)

Inter-University Council

Daniel M. Galbreath

Research Foundation Board

John D. Jacob (April 1980)

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, and the Inter-University Council for 1979-80 be approved.

Upon motion of Mr. Devenow, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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RESOLUTIONS IN MEMORIAM

Resolution No. 79-138

Synopsis: Resolutions honoring the service of two of this University's faculty members who have recently died.

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.

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

Betty T. Brosch

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 25, 1979, of Betty T. Brosch, Instructor Emeritus in the Department of English.

Miss Brosch received her Bachelor of Arts degree from Goucher College in 1934 and attended New York School of Social Work in 1936 and the University of Pittsburgh in 1938. She taught in the Department of English at The Ohio State University from 1956 until her retirement in April of 1978. An accomplished teacher, her favorite courses were technical writing and English as a second language. Until failing health forced her to stop, Miss Brosch was a volunteer tutor to the families of OSU international students--a service of which the Department of English is especially proud.

On behalf of the University community, the Board of Trustees expresses to the family of Miss Brosch 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 sincere appreciation of the Board's realization of the loss that the family, the University, and her many friends and associates have sustained.

June 7, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Dora Eloise Gilmore

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 14, 1979, of Dora Eloise Gilmore, Associate Director Emeritus in the School of Home Economics.

Dr. Gilmore was born in Chetopa, Kansas, on October 14, 1903. She received the Bachelor's degree from Kansas State Teachers College, Pittsburg, Kansas, in 1926, with a major in education and a minor in home economics. The Master's degree was earned at Kansas State University, Manhattan, Kansas, in 1939, in textiles and clothing, and the Ph.D. at The Ohio State University with a major in administration in higher education and supporting areas in philosophy, secondary education and home economics education in 1948.

Dr. Gilmore came to The Ohio State University as a Graduate Teaching Assistant in 1946-47 and was appointed to a University Fellowship in 1947-48. On completion of the Ph.D. she was appointed Associate Professor and in 1949 to the Chairmanship of the Division of Textiles and Clothing. She served as Associate Director of the School in charge of curriculum and instruction from 1955 until her retirement on October 31, 1972.

Dr. Gilmore taught at the elementary, secondary and college levels. At the university level she taught both undergraduate and graduate students, directed research and served as Chairman of the School Graduate Committee. Dr. Gilmore developed a graduate program in textiles and clothing at both the master's and doctoral levels which gained national recognition. A major curriculum study and revision of the programs in the School was completed in 1962 under her direction. She served as Chairman of the School's Committee on Instruction, the Honors Program and was adviser for international students in the School. She also served on the University Graduate Council.

Recognition of her ability in program development, included selection as Chairman of an evaluation team of textiles and clothing at The Pennsylvania State University by the President of that University and to workshops in higher education. Dr. Gilmore had been elected and appointed to numerous committees of the American Home Economics Association. She participated in national and regional meetings of College Teachers of Textiles and Clothing and served as Chairman of regional committees on research. She was a recipient of the Alumni Award for Distinguished Teaching at The Ohio State University and in 1964 was awarded the Alumni Award for Meritorious Achievement from Kansas State College. She was listed in *Who's Who of American Women*.

After her retirement, Dr. Gilmore volunteered her services to compile information relating to the *History of the School of Home Economics*. Her professional career won her wide respect both in the university and in the academic world.

Memberships in professional and honorary societies include the American Home Economics Association, Phi Upsilon Omicron (professional fraternity), Omicron Nu (honorary home economics fraternity), Phi Kappa Phi and Pi Lambda Theta (honorary fraternities).

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

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June 7, 1979 meeting, Board of Trustees

DISTINGUISHED SERVICE AWARDS

Resolution No. 79-139

Synopsis: Recommendation for seven individuals to receive Distinguished Service Awards is made.

WHEREAS the President's Staff, serving as a Committee on Distinguished Service Awards, has nominated and recommended seven individuals for approval by the Board of Trustees to receive the Distinguished Service Award at the Summer Quarter Commencement Convocation:

Richard H. Bohning
Beatrice Cleveland
John B. Conard
Helen Kurtz
Ralph Kurtz
Jeanette LaRocque
J. Paul McNamara

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 Dr. Sirak, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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HONORARY DEGREES

Resolution No. 79-140

Synopsis: Approval is requested for awarding honorary degrees.

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 the following honorary degrees:

June 7, 1979 meeting, Board of Trustees

HONORARY DEGREES (contd)

Alan K. Campbell	Doctor of Humane Letters
Serge I. Chermayeff	Doctor of Humanities
Hal Holbrook	Doctor of Humanities
Robert E. Lee	Doctor of Humanities
Martha N. Lewis	Doctor of Science
C. R. Rao	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.

Upon motion of Dr. Sirak, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**ADDITION OF NEW RULES 3335-5-612 and 3335-7-261 AND AMENDMENT
OF RULE 3335-9-32 OF THE ADMINISTRATIVE CODE**

Resolution No. 79-141

Synopsis: Approval of addition of rules 3335-5-612 and 3335-7-261 and amendment of rule 3335-9-32 of the Administrative Code is being proposed.

WHEREAS the University Senate pursuant to rule 3335-1-08 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of additions and amendments to *Rules of the University Faculty* as approved by the University Senate:

3335-5-612 Committee on women and minorities.

Select committee on women and minorities has discharged the functions for which it was created and has recommended the establishment of a standing committee on women and minorities.

3335-7-261 Recalculation of cumulative point-hour ratio.

The University has begun a major effort to enhance the opportunities for lifelong learning and this rule will allow returning students who need it a "fresh start" with respect to cumulative point-hour ratio.

3335-9-32 Requirements for a professional degree.

The modification of the requirements for a professional degree is to clarify the procedure for obtaining such degree and eliminate the possibility of contradictory interpretation.

June 7, 1979 meeting, Board of Trustees

**ADDITION OF NEW RULES 3335-5-612 and 3335-7-261 AND AMENDMENT
OF RULE 3335-9-32 OF THE ADMINISTRATIVE CODE (contd)**

NOW THEREFORE

BE IT RESOLVED, That the foregoing new rules and amendment to *Rules of the University Faculty*, as approved by the University Senate on May 12, 1979, be adopted by the Board of Trustees for inclusion in the next publication of the *Rules of the University Faculty*.

Upon motion of Dr. Sirak, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

RULES

3335-5-612 Committee on women and minorities.

(A) The committee on women and minorities shall consist of ten members as follows:

- (1) Six members of the university faculty;
- (2) One member of the administration;
- (3) One undergraduate student;
- (4) One graduate student;
- (5) One professional student;

(B) It shall be the responsibility of this committee to:

- (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; and
- (4) Make recommendations to the senate or to the president, as deemed appropriate, for further action.

RULES (contd)

3335-7-261 Recalculation of cumulative point-hour ratio.

- (A) An undergraduate student who re-enrolls in the University after an absence of five or more years may petition the dean or director of his enrollment unit to recalculate the cumulative point-hour ratio of his previous residency. If the petition is approved, all courses taken will remain on the permanent record. Those with marks of "A," "A-," "B+," "B," "B-," "C+," "C," "C-," "EM," "K," "PA," or "S" will be counted for credit only. No other marks will be counted for credit.
- (B) If the petition is approved, the student resumes his academic program with no cumulative point-hour ratio, and thereafter is subject to the conditions of warning, probation, and dismissal that govern all students (see rules 3335-9-24 to 3335-9-28 of the Administrative Code).
- (C) Under the provisions of this rule a student, before graduation, must be re-enrolled for a minimum of
 - (1) Forty-five quarter credit hours and
 - (2) Three academic quarters.
- (D) All courses ever taken at the University will be used in the calculation of the cumulative point-hour ratio required for the purposes of graduation with honors.

3335-9-32 Requirements for a professional degree.

- (A) To obtain a professional degree from this university, a student must meet the minimum requirements established by the college or school recommending the degree. In establishing such minimum requirements, the college or school shall include or exceed the minimum requirements stipulated by the appropriate accrediting body. Such graduation requirements shall be subject to approval by the council on academic affairs and shall be filed with the secretary of the board of trustees.
- (B) Waiver of minimum requirements may be made by the faculty of the college or school recommending the degree or by a committee approved by that faculty. Requests for such waiver may be initiated by student petition or by the dean or director. The council on academic affairs shall be notified at least quarterly of each such action.

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June 7, 1979 meeting, Board of Trustees

BUDGET SUMMARY (THIRD QUARTER, 1978-79)

Resolution No. 79-142

Synopsis: The third quarter summary report of the current funds budget is presented for review.

The third quarter report of the 1978-79 Current Funds Budget contains a significant change from the second quarter report in projected expenditure levels for sponsored research projects. This third quarter report projects expenditures for such projects through the Research Foundation to increase by \$4,540,000 over second quarter estimates-\$32,770,000 from an earlier projection of \$28,230,000. This change reflects the success that the University's faculty has had in obtaining outside funding in the form of grants and contracts during the past year. Expenditures in other categories are projected to remain essentially unchanged from estimates made in the second quarter report.

WHEREAS the third quarter report of the 1978-79 current funds budget which is presented for review by the Board of Trustees is balanced and contains a total upward revision in budgeted expenditures from \$422,262,000 to \$428,214,000:

NOW THEREFORE

BE IT RESOLVED, That the accompanying third quarter budget be accepted.

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

June 7, 1979 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1978-79 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1978-79
(IN THOUSANDS)

	Budget Approved February 2, 1979	Proposed Revised Budget June 7, 1979
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$144,971	\$145,961
Libraries	8,362	8,369
Other Academic Support	2,587	2,493
Sponsored Programs Administration	2,244	2,244
Student Services	7,885	7,990
Plant Operation	25,563	25,849
Institutional Support	15,468	15,248
Total Instruction and General	\$207,080	\$208,154
Sponsored Research		
Research Foundation	\$ 28,230	\$ 32,770
Engineering Experiment Station	1,808	2,093
University Sponsored Programs	916	916
Other	3,116	3,001
Total Sponsored Research	\$ 34,070	\$ 38,780
Public Service		
University Hospitals	\$ 80,100	\$ 81,558
Cooperative Extension Service	19,300	20,139
University Sponsored Programs	2,422	2,422
Other	16,472	13,677
Conferences	2,380	2,535
Total Public Service	\$120,674	\$120,331
Student Aid	\$ 6,122	\$ 6,222

June 7, 1979 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1978-79 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1978-79
(IN THOUSANDS)

	Budget Approved February 2, 1979	Proposed Revised Budget June 7, 1979
Columbus Campus (contd)		
Auxiliaries		
Student Housing	\$ 19,152	\$ 19,302
Intercollegiate Athletics	8,062	8,254
University Bookstores	4,735	4,767
Student Health Service	2,395	2,384
Student Unions	2,478	2,474
Parking Facilities	2,692	2,572
University Airport	1,751	1,901
Fawcett Center for Tomorrow	1,359	1,514
Other	936	807
Total Auxiliaries	\$ 43,560	\$ 43,975
TOTAL COLUMBUS CAMPUS	\$411,506	\$417,462
Regional Campuses		
Administration	\$ 180	\$ 179
Lima Campus	2,266	2,291
Mansfield Campus	2,295	2,290
Marion Campus	1,365	1,353
Newark Campus	2,104	2,101
Agricultural Technical Institute	2,381	2,413
Wright-Patterson Graduate Center	165	125
Total Regional Campuses	\$ 10,756	\$ 10,752
GRAND TOTAL	\$422,262	\$428,214

June 7, 1979 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1978-79 CURRENT FUNDS BUDGET
SOURCES OF INCOME TO SUPPORT 1978-79 BUDGET
(IN THOUSANDS)

	Estimated Income February 2, 1979	Estimated Income June 7, 1979
Columbus Campus		
Government Appropriations		
State of Ohio	\$142,645	\$143,070
Federal	53,341	56,670
Other	5,655	5,345
Subtotal	\$201,641	\$205,085
Student Fees		
Instruction and General	\$ 58,460	\$ 58,830
Room and Board	16,113	16,158
Other	2,725	2,887
Subtotal	\$ 77,298	\$ 77,875
Other Income		
Auxiliary Sales and Charges	\$ 98,566	\$ 98,461
Department and University Services	17,827	17,654
Endowment Income	2,995	3,637
Gifts and Grants	12,880	12,717
Temporary Investments	2,800	2,800
Subtotal	\$135,068	\$135,269
TOTAL COLUMBUS CAMPUS	\$414,007	\$418,229
Regional Campuses		
Lima Campus	\$ 2,601	\$ 2,623
Mansfield Campus	2,632	2,656
Marion Campus	1,580	1,552
Newark Campus	2,389	2,424
Agricultural Technical Institute	2,548	2,625
Wright-Patterson Graduate Center	165	125
TOTAL REGIONAL CAMPUSES	\$ 11,915	\$ 12,005
GRAND TOTAL	\$425,922	\$430,234

BUDGET 1979-80

Resolution No. 79-143

I. INTRODUCTION

This provisional budget is presented prior to the passage of an appropriations bill for 1979-81 by the General Assembly. Consequently, contingency plans are contained that can be activated when more information is available about state appropriation levels and the extent to which the University will have the freedom to set its own fees to students.

The proposed 1979-80 Budget has been developed to meet the following, sometimes conflicting, objectives:

- . Compliance with federal wage/price guidelines.
- . To the extent possible, maintenance of the purchasing power of faculty and staff salaries in the face of rising inflation.
- . Redress of past erosion in stipends of graduate associates, the apprentice/scholars who provide necessary services to the University.
- . Corrective funding for growth areas of the University whose needs for increased resources have not been met in the past.
- . Increases to portions of the budget that are flexible, so that the University will be in a better position to meet new challenges and the future prospect of declining enrollments.
- . Selective improvements in the quality of programs.
- . Establishment of an urgently needed program to replace scientific and other equipment.
- . Maintenance of adequate funding levels for health sciences programs by replacing funds no longer provided by federal capitation programs.

We have not met all of these objectives fully in this proposed budget. The unarguable fact is that we have less real income to meet needs that are not decreasing.

II. SUMMARY OF PROJECTED TOTAL CURRENT EXPENDITURES AND REVENUES

A. Overview

The University Budget encompasses several categories of funds, based on whether income was earned through charges for specific services, donated for specific activities, or allocated by the University from a general pool of funds. The following summaries provide an overview of estimated 1978-79 and projected 1979-80 expenditures for these categories: Unrestricted General Funds, Earnings Operations, Restricted Funds, and Regional Campuses.

June 7, 1979 meeting, Board of Trustees

BUDGET 1979-80 (contd)

B. Columbus Campus

Unrestricted General Funds. Unrestricted General Funds -- those funds formed by pooling state instructional subsidies with instructional and general fees, unrestricted endowment and gift income, indirect cost recovery from grants and contracts, unrestricted federal funds, income from temporary investment of unrestricted funds -- are expected to rise \$17.4 million from a 1978-79 base of \$192.6 million. The Unrestricted General Funds, which provide the core support for the University's academic and support programs, are subject to direct allocation by the University. These funds are projected to support a balanced budget for 1979-80 with the assumption made that enrollments will remain at 1978-79 levels.

SUMMARY 1

	Estimated 1978-79	Proposed 1979-80	Increase
Expenditures	\$192,598,100	\$209,993,300	+\$17,395,200 +9%

Earnings Operations. The University engages in various activities that are generally self-supporting and are funded through charges made for services, e.g., University Hospitals, residence and dining halls, bookstores, intercollegiate athletics, student unions, Fawcett Center for Tomorrow, Mershon Auditorium, traffic and parking, non-credit courses and conferences. These earnings operations, each of which develops its own budget for review by the University, are projected to increase their expenditures collectively by \$13.6 million over 1978-79 bases of \$130.5 million. A \$2.5 million positive variance of income over expenditures is projected as several of these operations attempt to build much-needed reserves for equipment replacement, maintenance, capital improvements, and working cash during the coming year.

SUMMARY 2

	Estimated 1978-79	Proposed 1979-80	Increase
Expenditures	\$130,549,300	\$144,118,600	+\$13,569,300 +10%

Restricted Funds. Restricted funds to conduct special purpose activities are obtained through endowments and gifts donated by friends of the University and through grants and contracts awarded for the performance of research, instructional, or public services. Federal, state, and county agencies also provide restricted line-item funding for such operations as Cooperative Extension, University Hospitals, primary health care residencies, etc. The restricted funds activities usually enrich -- directly or indirectly -- the academic programs of the University. Major increases in expenditures projected for 1979-80 can be traced primarily to gains that University faculty members have made in obtaining outside funding for research and public service projects.

June 7, 1979 meeting, Board of Trustees

BUDGET 1979-80 (contd)

SUMMARY 3

	Estimated 1978-79	Proposed 1979-80	Increase	
Expenditures	\$93,560,000	\$99,410,000	+\$5,850,000	+6%

C. Regional Campuses

Each of the regional campuses maintains financial independence, generating its own income through the State's instructional subsidies, student fees, and earnings and restricted funds activities. Each campus develops its own budget for review by the University administration, within restrictions provided by revenue estimates and University-wide personnel salary guidelines and policies. Because of enrollment declines, regional campus budgets for 1979-80 generally will not increase at rates which will allow them to meet inflationary costs without retrenchment actions. These campuses have worked with the University administration throughout the past year to develop these retrenchment plans, and it is hoped that they can be effected without serious disruption to their academic programs. As these campuses mature and develop increasingly senior staffs in the coming years, continuing attention will be required to protect the quality of their programs in the face of rising personnel costs.

SUMMARY 4

Regional Campus Expenditures

	Estimated 1978-79	Proposed 1979-80	Increase	
Regional Campus Administration	\$ 179,000	\$ 196,000	+\$ 17,000	9%
Lima Campus	2,291,000	2,514,000	+ 223,000	10%
Mansfield Campus	2,290,000	2,398,000	+ 108,000	5%
Marion Campus	1,353,000	1,479,000	+ 126,000	9%
Newark Campus	2,101,000	2,041,000	(60,000)	(3)%
Agricultural Technical Institute	2,413,000	2,848,000	+ 435,000	18%
Wright-Patterson Graduate Center	125,000	100,000	(25,000)	(20)%
TOTAL	\$10,752,000	\$11,576,000	+\$824,000	8%

June 7, 1979 meeting, Board of Trustees

BUDGET 1979-80 (contd)

III. UNRESTRICTED GENERAL FUNDS AND THE INSTRUCTION AND GENERAL BUDGET

A. Overview

The core budget of the University is the Instruction and General Budget of the Columbus campus. This budget supports the credit educational programs in which students enroll, along with the academic and administrative support services required. The sub-categories of the Instruction and General Budget are: Departmental Instruction and Research, Libraries, Other Academic Support (e.g., Teaching Aids Laboratory), Sponsored Program Administration, Student Services, Plant Operation, and Institutional Support.

About 94 percent of the Unrestricted General Funds that the University forms by pooling its state subsidy, student instructional and general fees, and other unrestricted income are used to support the Instruction and General Budget. Approximately 88 percent of the Instruction and General Budget is funded from unrestricted funds, the remaining coming from earnings operations and restricted or designated funds. Thus, the Instruction and General Budget is that part of the total University Budget affected most by the decisions the University makes about the allocation of its Unrestricted General Funds. Because the most direct allocation decisions occur in the expenditure of Unrestricted General Funds, the following analysis is presented for the proposed expenditure of those unrestricted funds for 1979-80.

The proposed Unrestricted General Funds Budget calls for expenditure increases of \$20.3 million over the 1978-79 base of \$192.6 million. This recommended Budget is balanced in part through internal savings and reallocation of \$2.9 million so that a net increase of \$17.4 million is projected.

The Unrestricted General Funds Budget for 1979-80 is designed to achieve the following:

- . Meet mandated cost increases for faculty/staff benefits, utilities, step increases for classified employees -- \$4.9 million.
- . Provide an 8.0 percent planned salary increase for continuing faculty and administrative/professional staffs -- \$6.6 million.
- . Provide a 9.0 percent adjustment for operating budgets to meet costs other than continuing personnel -- \$3.2 million.
- . Correct deficiencies in graduate associate stipends and equipment replacement programs -- \$2.3 million.
- . Replace capitation funding losses and address workload problems in selected departments -- \$1.6 million.

June 7, 1979 meeting, Board of Trustees

BUDGET 1979-80 (contd)

- . Set aside a Minimum Flexibility Fund as a hedge against revenue short-falls, to fund existing budget deficiencies (equipment replacement, accreditation requirements, etc.), and/or to undertake other activities (increased services to part-time students) -- \$1.6 million.

It is proposed that the preceding cost increases be met as follows:

- . Increase in instructional subsidies -- \$13.3 million.
- . Increases in combined instructional and general fees of \$10 per quarter for undergraduates, \$25 for graduate, \$30 for law students, and additional increases for other students -- \$2.4 million.
- . Increases in other income, and annualization of 1978-79 fee increases -- \$1.7 million.
- . Selective retrenchment of departments and offices -- \$1.0 million.

B. Costs of Proposed Budget

This section contains more detailed information about those Unrestricted General Fund costs listed in the preceding section. The new costs to be met are dealt with in the following categories: Mandated Costs, College and Office Budget Increases for Salary and Operating Costs, Correction of Deficiencies (graduate stipends, equipment, capitation losses, workload problems), and Minimum Flexibility Funds.

Mandated Costs. Mandated cost increases of \$4.9 million are projected for 1979-80 as a result of expected changes in employee benefit rates, utility rates, salary increases for classified employees, and additional fee compensation to offset increases in graduate fees.

Increase in Employee Benefits	\$1,268,000
Increase in Utilities Costs	\$2,200,000
Classified Staff Step Increases	\$ 450,000
Fee Compensation/Waivers	\$ 700,000
Other (Minimum Wage, Postage Rates, etc.)	\$ 323,500
TOTAL	\$4,941,500

These mandated cost increases generally exceed those that might be predicted on the basis of general inflationary pressures. For example, rises in utilities costs of 26 percent are forecast for 1979-80 despite active energy conservation programs operating on the campus. The costs of potential classified staff pay increases in addition to step increases will be added when the General Assembly acts on a pay bill currently in committee.

June 7, 1979 meeting, Board of Trustees

BUDGET 1979-80 (contd)

College and Office Budget Increases. The planned average salary increase of 8 percent for regular, continuing faculty and administrative/professional staff would result in additional costs of \$6.6 million. Given expected turnover, the average salary for *all* employees in these categories -- including new and continuing -- should remain within the 7 percent increase limitation contained in the federal wage/price guidelines.

Because inflation in the general economy will almost certainly surpass 9 percent for the 1978-79 fiscal year, some erosion in the purchasing power of our faculty and professional staff will result from this 8 percent increase.

The 9 percent adjustment to the operating budget category -- which contains operating supplies and equipment costs -- would increase expenditures by \$1.9 million. Although this increase will almost meet inflationary costs borne during the past year, such funding does not correct for the 25-35 percent erosion in the purchasing power of these budgets that has occurred over the past nine years. A partial remedy is planned through a new equipment replacement program contained in the following section on Correction of Deficiencies.

Faculty and Administrative and Professional Salaries (+8%)	\$6,594,500
Other Budget Categories (+9%)	\$3,245,800
TOTAL	\$9,840,300

Correction of Deficiencies. Several problems facing the University must be addressed by resources in addition to those funds provided for annual inflationary price increases. These problems can be attributed to the past inflationary erosion of college and office budgets (graduate stipends, equipment replacement), shrinking line-item governmental funding (equipment replacement, capitation funding), or the workload demands that shifting enrollments and program emphases have placed on several departments and offices.

Graduate Associate stipends have diminished in purchasing power by more than 25 percent over the past 5 years. This budget contains a planned across-the-board increase of \$30 per month for continuing Graduate Associates to offset this erosion and improve the University's ability to attract the most talented students to our programs. This special increase, when combined with the standard salary guideline increase of 8 percent, should result in an average increase of 15 percent for continuing Graduate Associates, and would increase the Unrestricted Funds budget by \$825,000.

Equipment replacement programs have suffered the combined effects of inflation and sharp reductions in the State's capital construction program, an important source of funding for equipment. Much of the equipment purchased in conjunction with expansion of the University's facilities during the past 20 years is now worn out or outmoded. This equipment must be replaced from the Current, as opposed to Capital, Funds Budget, and this proposed budget contains \$1.5 million to partially address this problem.

June 7, 1979 meeting, Board of Trustees

BUDGET 1979-80 (contd)

The distribution of enrollments among academic departments is constantly changing despite the relative stability of total University enrollment during the past few years, resulting in resource shortages in some growth areas. Resource needs have occurred in other departments and offices because of changing program emphases or have become apparent through program reassessment. A total of \$1.6 million, partially offset by \$1.0 million in retrenchment of other departments and offices, is contained in this proposed budget to address these needs.

Graduate Associate Stipends	\$ 825,000
Equipment Replacement	\$1,500,000
Workload Adjustments	\$1,600,000
TOTAL	\$3,925,000

Minimum Flexibility Fund. This proposed budget contains a Minimum Flexibility Fund of \$1.6 million to meet potential shortages in revenue and unexpected costs, or to remedy existing budget deficiencies if other income and expense factors permit. Major income uncertainties for 1978-79 are associated with uncertainty about the level of instructional subsidies that will appear in the final appropriations bill for 1979-81, a potential freeze of undergraduate instructional fees at 1978-79 levels that might be mandated by the General Assembly, and the levels of expenditures and funding contained in a pay bill for classified employees that is currently under consideration in the General Assembly. Funds remaining in this minimum flexibility category, after covering any shortages of revenue and unusual expenditures, would be used to strengthen the equipment replacement program, to selectively remedy work load problems not addressed in the preceding section on correction of deficiencies, and to fund administrative or support improvements which have a potential for long-range savings.

Savings/Retrenchment. The total cost of the proposed 1979-80 budget will be reduced by \$2.9 million obtained through selective base budget savings and retrenchment of the budgets of departments whose work load requirements do not justify current expenditure levels. Given the shifting program needs and emphases of the University, and resource levels that are expected to remain stable or decline in the coming years, retrenchment efforts are becoming an annual activity.

Total Cost of Budget Plan. The total net cost of the proposed budget plan for Unrestricted General Funds is as follows.

Mandated Costs	\$4,941,500
College and Office Budget Increases	\$9,840,300
Correction of Deficiencies	\$3,925,000
Minimum Flexibility Fund	\$1,600,000
Savings and Retrenchment	(\$2,911,600)

June 7, 1979 meeting, Board of Trustees

BUDGET 1979-80 (contd)

C. Resources to Meet Budget Plan

Increase in Instructional Subsidy. The appropriations bill for the upcoming biennium (Sub. H. B. 204) presently contains an additional \$13.3 million in instructional subsidies for 1979-80 over 1978-79 levels, provided that the University maintains its current level of enrollment. This would represent an increase of 11.2 percent over the 1978-79 subsidy level of \$118.2 million, and would yield an increase of 6.9 percent to the total Unrestricted General Fund of the University. We anticipate that the appropriations bill will be passed by the General Assembly prior to the beginning of the 1979-80 fiscal year on July 1.

Instructional Fees. It is recommended that full-time undergraduate instructional fees be increased by \$5 per quarter, provided that such increases are allowed under provisions contained in the appropriations bill that passes the General Assembly. Although the current Sub. H. B. 204 would freeze instructional fees at 1978-79 levels, proposals are under consideration in the General Assembly that would allow universities to raise fees to a \$795 academic year maximum, or some \$15 per year above the current OSU level of \$780.

Increases to partially offset inflationary costs are recommended for other students. These increases range from \$25 for graduate students (+7.6 percent) to an increase of \$50 per quarter in the College of Medicine (+7.5 percent). The complete list of proposed fees for 1979-80 is contained in the supplemental information for this budget.

General Fee. This proposed budget also assumes a general fee increase of \$5 from \$65 to \$70 per quarter. Under Ohio law, revenues from the general fee are to be used in support of "non-instructional institutional services performed for the benefit of enrolled students." At OSU, this includes such things as the operation of the Ohio and Drake Unions, the counseling and consultation center, the student health center, various student organizations, student financial aids, and the intramural and recreational sports program.

This \$5 increase represents a 7.7 percent increase over 1978-79 levels and is necessary to support the compensation increases and other inflationary cost rises to be encountered by those programs.

Other Income. Revenues from a variety of other sources should realize an increase of \$2.2 million. For example, annualization of the fee increases instituted in the autumn of 1978-79 should produce additional revenues of approximately \$0.5 million for 1979-80. Other income from federal sources, the University's cash management program, unrestricted endowments, indirect cost recovery from grants and contracts, etc., should produce an additional \$1.7 million. These increases can be applied to meet the revenue needs of the Unrestricted General Funds Budget.

Total Additional Revenues.

Increase in Subsidy	\$13,271,200
Instructional Fees	\$ 1,300,000
General Fees	\$ 650,000
Other Income	\$ 2,174,000
GRAND TOTAL	\$17,395,200

June 7, 1979 meeting, Board of Trustees

BUDGET 1979-80 (contd)

D. Adjustment to Resource Changes

If resources for 1979-80 do not meet expectations, the budget will be cut back accordingly. The obvious areas for reduction would be in those funds that have not yet been committed to colleges and offices, i.e., the Minimum Flexibility Funds. Additionally, we will adopt alternate plans to reduce the equipment replacement program and other Correction of Deficiencies funding if necessary. If subsequent events cause us to reevaluate this budget, we will present a revised budget to the Board of Trustees.

IV. RECOMMENDATIONS

It is recommended that:

- . The budget as proposed for the fiscal year 1979-80 be approved.
- . The schedule of fees for the autumn quarter, 1979 be approved.
- . The Secretary be instructed to incorporate all supporting documents into the minutes of this meeting, including salary rolls with academic promotions and the fees and charges for the 1979-80 fiscal year and to file these materials with the official records of the University.

Upon motion of Dr. Sirak, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PERSONNEL ACTIONS

Resolution No. 79-144

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Other Personnel Actions; Appointments; Reappointment of Chairmen of Departments, Academic Faculties, and Divisions; Leaves of Absence Without Salary; Professional Improvement Leave; and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the May 4, 1979 meeting of the Board, including the following Other Personnel Actions; Appointments; Reappointment of Chairmen of Departments, Academic Faculties, and Divisions; Leaves of Absence Without Salary; Professional Improvement Leave; and Emeritus Titles, as detailed in the University Budget for 1978-79 be approved.

June 7, 1979 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1979-80 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1979-80
(IN THOUSANDS)

	1978-79 Revised Budget	1979-80 Provisional Budget
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$145,087	\$157,203
Libraries	8,369	9,614
Other Academic Support	2,555	2,835
Sponsored Programs Administration	2,469	2,639
Student Services	8,179	8,934
Plant Operation	25,849	28,266
Institutional Support	15,249	16,762
Total Instruction and General	\$207,757	\$226,253
Sponsored Research		
Research Foundation	\$ 32,770	\$ 34,935
Engineering Experiment Station	1,795	1,880
University Sponsored Programs	827	938
Other	3,001	3,000
Total Sponsored Research	\$ 38,393	\$ 40,753
Public Service		
University Hospitals	\$ 81,558	\$ 89,854
Cooperative Extension Service	20,139	20,887
University Sponsored Programs	2,346	2,679
Other	13,677	14,476
Conferences	2,535	2,694
Total Public Service	\$120,255	\$130,590
Student Aid	\$ 6,327	\$ 6,542

June 7, 1979 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1979-80 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1979-80
(IN THOUSANDS)

	1978-79 Revised Budget	1979-80 Provisional Budget
Columbus Campus (contd)		
Auxiliaries		
Student Housing	\$ 19,302	\$ 21,334
Intercollegiate Athletics	8,254	10,119
University Bookstores	4,767	5,318
Student Health Service	2,384	2,586
Student Unions	2,474	2,698
Parking Facilities	2,572	3,009
University Airport	1,901	1,765
Fawcett Center for Tomorrow	1,514	1,669
Other	807	886
Total Auxiliaries	\$ 43,975	\$ 49,384
TOTAL COLUMBUS CAMPUS	\$416,707	\$453,522
Regional Campuses		
Administration	\$ 179	\$ 196
Lima Campus	2,291	2,514
Mansfield Campus	2,290	2,398
Marion Campus	1,353	1,479
Newark Campus	2,101	2,041
Agricultural Technical Institute	2,413	2,848
Wright-Patterson Graduate Center	125	100
Total Regional Campuses	\$ 10,752	\$ 11,576
GRAND TOTAL	\$427,459	\$465,098

June 7, 1979 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
 1979-80 CURRENT FUNDS BUDGET
 SOURCES OF INCOME TO SUPPORT 1979-80 BUDGET
 (IN THOUSANDS)

	1978-79 Estimated Income	1979-80 Estimated Income
Columbus Campus		
Government Appropriations		
State of Ohio	\$143,070	\$157,571
Federal	56,670	59,250
Other	5,345	5,650
Subtotal	\$205,085	\$222,471
Student Fees		
Instruction and General	\$ 58,830	\$ 61,735
Room and Board	16,158	17,743
Other	2,887	3,058
Subtotal	\$ 77,875	\$ 82,536
Other Income		
Auxiliary Sales and Charges	\$ 98,461	\$110,476
Department and University Services	15,654	16,247
Endowment Income	3,637	4,226
Gifts and Grants	13,962	15,957
Temporary Investments	2,800	3,000
Subtotal	\$134,514	\$149,906
TOTAL COLUMBUS CAMPUS	\$417,474	\$454,913
Regional Campuses		
Lima Campus	\$ 2,623	\$ 2,814
Mansfield Campus	2,656	2,712
Marion Campus	1,552	1,693
Newark Campus	2,424	2,321
Agricultural Technical Institute	2,625	3,068
Wright-Patterson Graduate Center	125	100
TOTAL REGIONAL CAMPUSES	\$ 12,005	\$ 12,707
GRAND TOTAL	\$429,479	\$467,620

SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1979

College or School	Credit Hours Enrolled	Instructional	General	Resident Total	Out-of-State Tuition	Non-Resident Total
Undergraduate						
Administrative Science						
Agriculture and Home Economics						
Allied Medical Professions						
Architecture						
Biological Sciences						
Continuing Education						
Dental Hygiene	0-1	\$ 44	\$ 9	\$ 53	\$ 35	\$ 88
Education	2	55	13	68	71	139
Engineering	3	66	18	84	106	190
Health, Physical Education and Recreation	4	88	24	112	142	254
Humanities	5	111	29	140	177	317
Journalism	6	133	35	168	213	381
Mathematical and Physical Sciences	7	155	41	196	248	444
Music	8	177	47	224	283	507
Natural Resources	9 or more	265	70	335	425	760
Nursing						
Pharmacy						
Social and Behavioral Sciences						
Social Work						
The Arts						
University College						

SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1979 (contd)

College or School	Credit Hours Enrolled	Instructional	General	Resident Total	Out-of-State Tuition	Non-Resident Total
Graduate School	0-1	\$ 44	\$ 9	\$ 53	\$ 35	\$ 88
	2	66	13	79	71	150
	3	88	18	106	106	212
	4	118	24	142	142	284
	5	148	29	177	177	354
	6	178	35	213	213	426
	7	207	41	248	248	496
	8	236	47	283	283	566
	9 or more	355	70	425	425	850
Graduate Professional						
Law	0-3	\$ 95	\$18	\$113	\$137	\$ 250
	4	126	24	150	183	333
	5	158	29	187	229	416
	6	190	35	225	275	500
	7 or more	380	70	450	550	1,000
Medicine	0-3	\$178	\$18	\$196	\$137	\$ 333
	4	238	24	262	183	445
	5	298	29	327	229	556
	6	358	35	393	275	668
	7 or more	715	70	785	550	1,335
Dentistry Optometry Veterinary Medicine	0-3	\$135	\$18	\$153	\$137	\$ 290
	4	180	24	204	183	387
	5	225	29	254	229	483
	6	270	35	305	275	580
	7 or more	540	70	610	550	1,160

SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1979 (contd)

College or School	Credit Hours	Instructional	General	Resident	Out-of-State	Non-
	Enrolled			Total	Tuition	Resident Total
University Regional Campuses						
Undergraduate	0-1	\$ 44	\$ 5	\$ 49	\$ 35	\$ 84
	2	55	9	64	71	135
	3	66	14	80	106	186
	4	88	19	107	142	249
	5	111	23	134	177	311
	6	133	27	160	213	373
	7	155	32	187	248	435
	8	177	37	214	283	497
	9 or more	265	55	320	425	745
Graduate	0-1	\$ 44	\$ 5	\$ 49	\$ 35	\$ 84
	2	66	9	75	71	146
	3	88	14	102	106	208
	4	118	19	137	142	279
	5	148	23	171	177	348
	6	178	27	205	213	418
	7	207	32	239	248	487
	8	236	37	273	283	556
	9 or more	355	55	410	425	835

Undergraduate and graduate students enrolled in any quarter, term, or period for nine or more credit hours will be assessed full fees. Fees for undergraduate and graduate students enrolled for eight or fewer hours in any quarter, term, or period shall be assessed on a per credit hour basis, with the fees for fewer than three credit hours as shown above and with the minimum instructional fee being \$44 for zero or one credit hour.

Graduate professional students (those enrolled in any quarter, term, or period for seven or more credit hours) will be assessed full fees. Fees for graduate professional students enrolled for six or fewer hours in any quarter, term, or period shall be assessed on a per credit hour basis, with the minimum fee for fewer than three credit hours being the fee for three credit hours.

SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1979

College or School	Instructional	General	Resident Total	Out-of-State Tuition	Non- Resident Total
Administrative Science	\$265	\$70	\$335	\$425	\$ 760
Agriculture and Home Economics	265	70	335	425	760
Arts and Sciences	265	70	335	425	760
The Arts	265	70	335	425	760
Biological Sciences	265	70	335	425	760
Humanities	265	70	335	425	760
Mathematical and Physical Sciences	265	70	335	425	760
Social and Behavioral Sciences	265	70	335	425	760
Education	265	70	335	425	760
Engineering	265	70	335	425	760
Graduate School	355	70	425	425	850
Dentistry	540	70	610	550	1,160
Dental Hygiene	265	70	335	425	760
Law	380	70	450	550	1,000
Medicine	715	70	785	550	1,335
School of Allied Medical Professions	265	70	335	425	760
School of Nursing	265	70	335	425	760
Optometry	540	70	610	550	1,160
Pharmacy	265	70	335	425	760
Veterinary Medicine	540	70	610	550	1,160
University College	265	70	335	425	760
University Regional Campuses					
Undergraduate	265	55	320	425	745
Graduate	355	55	410	425	835

June 7, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

President Enarson made the following statement:

With your forbearance I would like to make a few brief comments about some of these personnel actions. I have already spoken fulsomely in praise of Dr. Kuhn and I am tempted to do so again but even Al would begin to find this tiresome and repetitive. I must say that he is already taking on some of the traditional characteristics of the faculty member. There is a certain querulousness that has overtaken him here--I can see that he is counting on visiting the Elysian Fields of Oxford before long--but I am sure that we all look forward to having you back, Al, the first of the new year, and I for one, am confident that you are going to have a superb experience this summer and in the autumn.

I will comment briefly on the next action--this is the resignation of Eric Gilbertson who is sitting over here lawyer-like today, counting the days until he is reprieved and at long last after six years of tyranny reverts to his essentially litigious character as a lawyer. When I looked around for an assistant six years ago, I looked for somebody who was bright, energetic, hardworking and capable of telling me things I didn't want to hear. I must say he has fulfilled all of this--much too well at times. I told him foolishly when he came here that no one should be an assistant to the president for more than about three or four years--that there was heady stuff and it was ultimately destructive of a man. He reminded me of that two years ago and I said that I didn't think four years was exactly it. I promised him an exciting additional year, and in short, I conned him into staying six years. I could no longer face my conscience nor could he any longer face me. Very, very seriously, I want to pay public tribute to Eric. I couldn't have had a finer ally and a finer associate here at the University and he will be much missed.

Other Personnel Actions

ALBERT J. KUHN, Professor, Department of English, effective July 1, 1979 through August 31, 1979, to serve as Director of Oxford Program at Oxford University, Oxford, England; September 1, 1979 through December 31, 1979, professional improvement leave; January 1, 1980, Professor, Department of English.

ERIC R. GILBERTSON, Executive Assistant to the President, Office of the President, will resign his position effective July 1, 1979.

Appointments

Name:	WYNETKA ANN KING REYNOLDS
Titles:	Provost, Office of Academic Affairs, and Professor, Departments of Anatomy and Obstetrics and Gynecology
Effective:	September 1, 1979
Salary:	\$54,840 (12 months)
Present Positions:	Associate Vice Chancellor for Research, and Dean of the Graduate College, University of Illinois Medical Center.

June 7, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: H. JUSTIN DAVIDSON
Titles: Dean, College of Administrative Science, and Professor
Academic Faculty of Accounting
Effective: July 1, 1979
Salary: \$52,080.00 (12 months)
Present Positions: Dean and Professor of Public Administration, Graduate
School of Business and Public Administration, Cornell
University

Name: ANNE S. PRUITT
Title: Associate Dean, Graduate School
Effective: August 15, 1979
Salary: \$39,480.00 (12 months)
Present Positions: Assistant to the Vice Presidents for Academic Affairs,
and Professor of Education, Case Western Reserve Uni-
versity

Name: KARL F. GRAFF
Titles: Professor and Chairman
Department: Welding Engineering
Effective: July 1, 1979
Salary: \$44,880.00 (12 months)
Present Position: Professor, Department of Engineering Mechanics

Name: STUART L. PETRIE
Titles: Professor and Chairman
Department: Aeronautical and Astronautical Engineering
Effective: July 1, 1979
Salary: \$42,480.00 (12 months)
Present Position: Professor, Department of Aeronautical and Astronautical
Engineering

Name: JAGDISH S. RUSTAGI
Titles: Professor and Chairman
Department: Statistics
Effective: October 1, 1979
Salary: \$41,040.00 (9 months)
Present Position: Professor, Department of Statistics

Name: CRAIG SCOTT MUELLER
Title: Director of Communication Services
Office: Public Affairs
Effective: June 15, 1979
Salary: \$23,520.00 (12 months)
Present Position: Assistant Director, Information Services, University of
South Florida

June 7, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Reappointment of Chairmen of Departments, Academic Faculties and Divisions

July 1, 1979 through June 30, 1983

Agricultural Economics and Rural Sociology	David H. Boyne
Botany	Emanuel D. Rudolph
Computer and Information Science	Lee J. White
Early and Middle Childhood Education	C. Ray Williams
Labor and Human Resources	Herbert Parnes
Plant Pathology	Ira W. Deep
Veterinary Preventive Medicine	C. Richard Dorn
Vocational-Technical Education	Aaron J. Miller

July 1, 1979 through June 30, 1981

Theatre	John A. Walker
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July 1, 1979 through June 30, 1980

Family Medicine	Tennyson Williams
Obstetrics and Gynecology	Frederick P. Zuspan
Otolaryngology	William H. Saunders
Pathology	Donald A. Senhauser
Pharmacognosy and Natural Products Chemistry	Raymond W. Dorskotch
Physical Medicine	Ernest W. Johnson
Surgery	Larry C. Carey

October 1, 1979 through September 30, 1983

Communication	James L. Golden
Geography	John W. Rayner
Judaic and Near Eastern Languages and Literatures	Yehiel Hayon

October 1, 1979 through September 30, 1980

East Asian Languages and Literatures	Miles K. McElrath
Physics	E. Leonard Jossem

Leaves of Absence Without Salary

SYLVAN G. FRANK, Associate Professor, College of Pharmacy, effective July 15, 1979 through August 31, 1979, to continue as visiting professor at The Swedish Institute for Surface Chemistry.

June 7, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

GWENDOLYN C. GILBERT, Associate Professor, College of Social Work, effective October 1, 1979 through September 30, 1980, to continue as Director of the Center for Change and Leadership, Columbus Urban League.

STEVEN H. SANDELL, Assistant Professor, Department of Economics, effective October 1, 1979 through September 30, 1980, to accept a Brookings Economic Policy Fellowship.

CATHERINE E. MORRISON, Instructor, School of Nursing, effective April 1, 1979 through June 30, 1979, for personal reasons.

ELIZABETH T. STEFANICS, Instructor, School of Health, Physical Education and Recreation, effective October 1, 1979 through September 30, 1980, to fulfill residency requirements for the Ph.D. program at University of Minnesota.

Professional Improvement Leave

DENNIS P. STOMBAUGH, Associate Professor, Department of Agricultural Engineering, Spring Quarter 1980, Summer Quarter 1980 and Autumn Quarter 1980.

Emeritus Titles

WAYNE WOODROW HAYES, School of Health, Physical Education and Recreation, with the title Head Football Coach and Professor Emeritus, effective July 1, 1979.

WILFRID RAYMOND FOSTER, Department of Geology and Mineralogy, with the title Professor Emeritus, effective July 1, 1979.

R. DALE GLASS, Cooperative Extension Service, with the title Professor Emeritus, effective June 1, 1979.

WILLIAM D. HEINTZ, College of Dentistry (Prosthodontics), with the title Professor Emeritus, effective July 1, 1979.

JAMES A. KREIDER, College of Dentistry (Prosthodontics), with the title Professor Emeritus, effective July 1, 1979.

LESLIE H. MILLER, Department of Mathematics, with the title Professor Emeritus, effective September 1, 1979.

WILLIAM J. MILLER, Department of Otolaryngology, with the title Professor Emeritus, effective July 1, 1979.

June 7, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

GUS C. PAPPAS, College of Dentistry (Oral Biology), with the title Professor Emeritus, effective July 1, 1979.

HAROLD EDWARD DILLEY, College of Dentistry (Prosthodontics), with the title Associate Professor Emeritus, effective July 1, 1979.

ROBERTA F. UTTERBACK, Academic Faculty of Early and Middle Childhood Education, with the title Associate Professor Emeritus, effective July 1, 1979.

JOHN F. VERMILYA, Cooperative Extension Service, with the title Associate Professor Emeritus, effective June 1, 1979.

G. DEMING SEYMOUR, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective July 1, 1979.

FRED R. TAYLOR, School of Health, Physical Education and Recreation, with the title Assistant Professor Emeritus, effective July 1, 1979.

FREDERIC C. WISE, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective July 1, 1979.

Warren Smith made the following statement:

I notice in the emeritus titles that we're going to grant a title to Coach Hayes, and I wanted to comment on that because I will vote against the motion in its entirety, and I don't want it indicated that I voted against these other people. In a sense I'm really not voting against Coach Hayes, because I think he has done some great things for this university. But on the other hand, he's done some other things which we're not too proud of, and the last thing caused his dismissal from this university and his discharge for his conduct. And I don't think you give the title emeritus to people who leave the university in that manner. In some ways it diminishes that title. We have people who have worked 25, 30 and 40 years to gain that title, and I think it's unfair to those people, in a way; and for that reason I would vote against this motion.

Upon motion of Dr. Jacob, seconded by Mr. Havens, the Board of Trustees approved the foregoing resolution with six affirmative votes cast by Mrs. James, Mr. Devenow, Dr. Jacob, Mr. Hilliker, Mr. Havens, and Mr. Galbreath, one negative vote cast by Mr. Smith and Dr. Sirak abstained from voting.

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June 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

Resolution No. 79-145

Synopsis: The reports on contracts, grants and gifts and the summary for April 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 1979, be approved.

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

SUMMARY FOR APRIL 1979

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	53	\$2,454,474.00
Engineering Experiment Station	2	53,934.00
		\$2,508,408.00
Establishment of Named Funds		
Donald E. Zehr Graduate Research Fellowship in Agricultural Economics (Graduate student research in Department of Agricultural Economics and Rural Sociology)		\$ 25,000.00

June 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR APRIL 1979 (contd)

Establishment of Named Funds (contd)

The Clara M. Bancroft Home Economics Education Fund (Home Economics Education Department)	\$ 22,479.18
The Clara M. Bancroft Phi Upsilon Omicron Fund (School of Home Economics)	11,239.59
The Society of Alumni and Friends of the School of Music Scholarship Fund (Undergraduate music majors)	10,925.00
The M. S. Newman Fund (Professorship in area of organic chemistry)	10,818.00
Edmund M. Spieker Memorial Scholarship Fund (Scholarships in field geology)	10,496.00
The William R. Diehl, Jr., Memorial Fund (Student Athlete Grant-in-Aid)	5,100.00

Change in Name of Fund

From:	The Merriss Cornell Memorial Fund - The College of Social Work
To:	The Professor Merriss Cornell Memorial Fund - The College of Social Work

June 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

Report from Presidents Club

Members to date	3,056
1979: year to date	213
New members - April 1979	96

New Presidents Club Members - April 1979

Guy M. Acerra	Charles J. Manofsky
D. M. Andrews	Robert A. Mativi
Barbara Cox Anthony (Mrs. Garner)	Thomas McBride
Wayne A. Asbury	Winfield C. Meek
Larry D. Barker	Gerard E. Modecki
Larry E. Basel	Eric D. Moen
Jean Carol Bay (Mrs. William H.)	William R. Murphy
Rick C. Bell	Terrance E. Nessif
David M. Blazer	James B. Osborne
Joyce A. Bors (Mrs. G. Michael)	Harvey M. Oury
Paul E. Bowles	Sue C. Pagniano
Phil A. Bowman	Michael C. Peters
Clair M. Carlin	Louis E. Posey
John E. Craine	Charles R. Price
William A. Crawford	David E. Price
Lee R. Davis	Robert C. Prophater, Jr.
James L. Deagel	George E. Ralph
John F. Downard	John E. Rance
James N. Doyle	Laurie L. Read
Eugene V. Endres	F. David Resch
Walter J. Engel III	William K. Root
Marcia S. Essig (Mrs. Garth)	David A. Russell
William D. Finley	Lawrence M. Saltis
James P. Finn	Dennis C. Sargent
James E. Fosnaugh	Gordon H. Savage
Harold R. Frick	Ralph E. Schramm
Peter J. Gee	Harry A. Scott, Jr.
John E. Gibson IV	Dolores R. Shondel
Steven L. Grace	Delbert R. Smith III
William E. Greene, Jr.	Richard A. Smudz
Robert S. Guminey	Daniel G. Snow
Thomas R. Gustin	James R. Stahl
D. Robert Haas	Richard R. Stander, Jr.
Jay Hall, Jr.	Dan T. Stowe
Paul B. Haynes	James E. Strouse
Bruce Hieronymus	Ted Teach
R. Patrick Hiller	Thomas L. Tibbals
Robert L. Hillyer	Harry M. Valentine III
Wayne F. Hootman	Jack Van Fossen
Anthony E. Incorvia	Wesley L. Walker
John M. Jones	David A. Westbrook
Robert A. Lanciault	Lawrence W. Wick
Thomas J. LaSalle	Charles G. S. Williams
Dennis R. Laub	Robert C. Williams
Robert P. Lawhun	Gary L. Wilson
Bruce C. Lazear	L. Craig Wright
David B. Lehman	Robert L. Wright, Jr.
James R. Leventry	Jeffrey R. Yocca

June 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THIRD QUARTER SUMMARY

January 1 , 1979 through March 31, 1979

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Donors	No. of Donors	Level of Support
ANNUAL GIVING		
Direct Mail	149	\$ 2,632.00
Annals	184	12,884.91
Miscellaneous	4,584	135,071.61
Community Campaigns	85	1,480.50
Corporate Matching Gifts	81	27,497.43
TOTALS	5,083	\$ 179,566.45
MAJOR RESOURCES		
Deferred Gifts	14	\$ 199,429.95
Major Individuals	352	176,412.80
Corporate	373	647,415.09
Foundations	173	287,591.76
TOTALS	912	\$1,310,849.60
GRAND TOTAL	5,995	\$1,490,416.05

June 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$455,598.00 - Department of Energy, Washington, D. C., PROGRAM PLANNING AND MANAGEMENT: Provide Technical Assistance to State Regulatory Commissions in Developing Conservation Programs, National Regulatory Research Institute (D. N. Jones and R. W. Lawton), 1 May 1979 through 30 September 1979. (Project 760898 - Continuation)

\$145,890.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Studies on the Epstein-Barr Virus and Its Association with Nasopharyngeal Carcinoma, Department of Medical Microbiology (R. Glaser), 1 April 1979 through 31 March 1980. (Project 761081 - Continuation)

\$131,257.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Medicine (H. G. Cramblett), 1 April 1979 through 31 March 1980. (Project 761078 - Continuation)

\$108,214.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, Graduate School (J. B. LaPidus), 1 April 1979 through 31 March 1980. (Project 764748 - Continuation)

\$99,662.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., Legislative Provisions for the Improvement of Guidance and Personnel Development, National Center for Research in Vocational Education (R. E. Taylor), 1 April 1979 through 31 March 1980. (Project 761400 - Continuation)

\$98,265.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Carcinogenic, Mutagenic and Cytotoxic Mechanism (DMBA), College of Pharmacy (D. T. Witiak) and Department of Radiology (R. W. Hart), 1 April 1979 through 31 March 1980. (Project 760652 - Continuation)

\$80,749.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Physiology and Histopathology of Arterialized Vein Grafts, Department of Surgery (J. S. Vasko and J. F. Cornhill) and Department of Aeronautical and Astronautical Engineering (R. M. Nerem), 1 May 1979 through 30 April 1980. (Project 764036 - Continuation)

\$63,426.00 - National Science Foundation, Washington, D. C., Spatial Competence Based on Environmental Cue Selection, Department of Geography (J. N. Rayner) and College of Social Work (J. J. Parnicky), 1 May 1979 through 30 April 1980. (Project 761142 - Continuation)

June 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$61,919.00 - National Science Foundation, Washington, D. C., Stereoscopic Visual and Anemometry Studies of Coherent Motions in Turbulent Shear Flows, Department of Chemical Engineering (R. S. Brodkey), 1 May 1979 through 31 March 1980. (Project 761061 - Continuation)

\$60,954.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Research on Computer Database Systems, Department of Computer and Information Science (D. K. Hsiao), 1 April 1979 through 28 February 1980. (Project 760226 - Continuation)

\$60,000.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Education for the Handicapped, Washington, D. C., Continuation Application for the Bureau of Education for the Handicapped Personnel Preparation Program, Academic Faculty for Exceptional Children (T. M. Stephens), 1 June 1979 through 31 May 1980. (Project 761130 - Continuation)

\$59,977.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Alpha-Adrenergic Effects on Heart Metabolism, Department of Physiological Chemistry (F. A. Kruger), 1 April 1979 through 31 March 1980. (Project 761055 - Continuation)

\$56,343.00 - National Science Foundation, Washington, D. C., Serial Relations: Research and Theory on Dynamic Context Effects, Department of Psychology (M. R. Jones), 1 May 1979 through 30 April 1980. (Project 761104 - Continuation)

\$56,227.00 - Department of Agriculture, Washington, D. C., Institution Support from the Animal Health and Disease Research Act of 1977, College of Veterinary Medicine (R. A. Wright), Department of Veterinary Preventive Medicine (W. P. Heuschele) and Department of Veterinary Pathobiology (L. Nagode and R. G. Olsen), 1 February 1979 through 30 September 1979. (Project 761524 - New)

\$55,818.00 - National Science Foundation, Washington, D. C., Glaciological Investigation of the Dome C Area, East Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (I. M. Whillans), 1 October 1979 through 30 June 1980. (Project 760780 - Continuation)

\$52,181.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Development of New Methods to Assay Enzyme Reactions, College of Pharmacy (C. L. Olson), 1 May 1979 through 30 April 1980. (Project 762791 - Continuation)

June 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$49,999.00 - Department of the Air Force, Air Force Office of Scientific Research, Washington, D. C., Long Bone and Joint Response to Mechanical Loading (Biomechanics of Flail Injuries), Department of Engineering Mechanics (A. E. Engin), 1 April 1979 through 30 September 1979. (Project 761590 - New)

\$49,929.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Radar Cross Section Studies, ElectroScience Laboratory, Department of Electrical Engineering (L. Peters and W. D. Burnside), 1 May 1979 through 30 April 1980. (Project 761608 - New)

\$47,500.00 - National Science Foundation, Washington, D. C., Inelastic Lateral-Torsional Buckling of Continuous Steel Beams, Department of Civil Engineering (M. Ojalvo), 1 April 1979 through 30 September 1980. (Project 761592 - New)

\$46,800.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., Graduate and Professional Opportunities Program Fellowship Support, Graduate School (J. B. LaPidus), 1 September 1979 through 31 August 1980. (Project 761618 - Continuation)

\$45,186.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, A Study of Tactual Sensing and Transmittal of Information, Department of Psychology (R. J. Jagacinski) and Department of Aviation (R. D. Gilson), 1 February 1979 through 31 January 1980. (Project 760476 - Continuation)

\$45,000.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Education for the Handicapped, Washington, D. C. (Pre-Service Program Continuation)--An Interdisciplinary Graduate Program in Physical Education with Specialization in Adapted Physical Education, School of Health, Physical Education and Recreation (W. F. Ersing), 1 June 1979 through 31 May 1980. (Project 761190 - Continuation)

\$41,893.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Survival Factors (Nodes, Histology), E-B Virus-Nasopharyngeal Carcinoma, Department of Otolaryngology (D. E. Schuller), 1 April 1979 through 31 March 1980. (Project 761591 - New)

\$39,662.00 - Department of Labor, Washington, D. C., Assessment of the Impact of Regulatory Changes on Collective Bargaining Strategies and Outcomes in the Gas and Electric Utilities Within the State of Ohio, Academic Faculty of Management Science (R. C. Miljus and A. Campagna) and College of Administrative Science, Division of Continuing Education (C. Slanicka), 1 January 1979 through 28 June 1979. (Project 760916 - Continuation)

June 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$35,221.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Pharmacy (A. H. Soloway), 1 April 1979 through 31 March 1980. (Project 760661 - Continuation)

\$31,955.00 - National Science Foundation, Washington, D. C., Research Initiation - Sulfur Fixation During Partial Coal Combustion Using Zinc Oxide, Department of Metallurgical Engineering (C. B. Shumaker), 15 April 1979 through 30 April 1981. (Project 761617 - New)

\$30,606.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Veterinary Medicine (C. R. Smith), 1 April 1979 through 31 March 1980. (Project 762776 - Continuation)

\$29,871.00 - National Science Foundation, Washington, D. C., Studies in the Genus *Lupinus*, Department of Botany (B. A. Schaal), 15 April 1979 through 30 April 1980. (Project 761579 - New)

\$27,484.00 - National Science Foundation, Washington, D. C., Steric Effects in Polycyclic Aromatic Hydrocarbons, Department of Chemistry (M. S. Newman and D. W. Meek), 1 May 1979 through 30 April 1980. (Project 761602 - Continuation)

\$26,606.00 - National Science Foundation, Washington, D. C., Pre-College Teacher Development in Science, Department of Geology and Mineralogy (R. O. Utgard), 1 April 1979 through 31 July 1980. (Project 761593 - New)

\$26,000.00 - National Science Foundation, Washington, D. C., Investigations of Ferrar Group Rocks and Mt. Erebus, South Victoria Land, Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot) and Institute of Polar Studies (P. R. Kyle), 1 May 1979 through 29 February 1980. (Project 761127 - Continuation)

\$19,763.00 - Department of Labor, Office of Administrative Services, Washington, D. C., Alternative Approaches to Grievance Resolutions, Center for Human Resource Research, Academic Faculty of Labor and Human Resources (H. R. Blaine and M. H. Sandver) and College of Administrative Science, Division of Continuing Education (R. M. Montgomery), 1 January 1979 through 28 September 1979. (Project 760917 - Continuation)

\$17,294.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, The Corneal Environment, College of Optometry (R. M. Hill), 1 April 1979 through 31 March 1980. (Project 761080 - Continuation)

June 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$15,680.00 - Department of Agriculture, Forest Service, Broomall, Pennsylvania, Production of Spruce Budworm Baculovirus in Larva of the Cabbage Looper, *Trichoplusia ni*, Department of Entomology (G. R. Stairs), 1 April 1979 through 30 March 1980. (Project 761597 - New)

\$13,014.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis of Carcinogenic Compounds, Department of Chemistry (M. S. Newman and D. W. Meek), 1 March 1979 through 30 September 1979. (Project 761809 - Continuation)

\$11,700.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., Public Service Education, Title IX, HEA 1965 Fellowship Award Application of OSU School of Public Administration, School of Public Administration (C. V. Oster), 15 September 1979 through 16 June 1980. (Project 761598 - Continuation)

\$10,650.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Development of Effective Therapy for Sickle Cell Disease, Department of Medicine (S. P. Balcerzak), 29 March 1979 through 25 July 1979. (Project 760079 - Continuation)

\$9,994.00 - Department of Justice, Law Enforcement Assistance Administration, Washington, D. C., Evaluating the Impact of the Ohio Shock Parole Program, Department of Sociology (J. Scott and R. Bonde), 1 April 1979 through 30 September 1979. (Project 761596 - New)

\$9,300.00 - National Science Foundation, Washington, D. C., The Master List of Non-Stellar Optical Objects, Department of Electrical Engineering (J. D. Kraus), 15 January 1979 through 31 January 1980. (Project 761607 - New)

\$8,983.00 - California Institute of Technology, Jet Propulsion Laboratory, Pasadena, California, A Study of Water Vapor Absorption at Twelve CO₂ Laser Frequencies, ElectroScience Laboratory, Department of Electrical Engineering (R. J. Nordstrom), 1 May 1979 through 31 August 1979. (Project 761612 - New)

\$7,456.00 - National Science Foundation, Washington, D. C., Comparative Cytology and Biochemistry of Selected Green Algae, Department of Botany (G. L. Floyd), 20 March 1979 through 31 October 1979. (Project 760559 - Continuation)

\$4,755.00 - Department of Health, Education and Welfare, National Institute of Education, Washington, D. C., Development of an Analytical Report Dealing with Mathematics Education in the USSR, Academic Faculty of Science-Mathematics Education (R. W. Howe), 1 April 1979 through 30 August 1979. (Project 761083 - Continuation)

June 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$4,400.00 - National Science Foundation, Washington, D. C., High Dispersion Spectroscopic Studies of Gaseous Nebulae in the Region from 4000 to 8500 A, Department of Astronomy (S. J. Czyzak), 1 July 1979 through 28 February 1981. (Project 760469 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$2,353,181.00**

State of Ohio Research Contract/Grant

\$3,000.00 - The Ohio Program in the Humanities, Columbus, Ohio, Human Values in an Institution for Older Americans, Department of Psychology (R. Scott), 1 June 1979 through 31 August 1979. (Project 761246 - Continuation)

Industrial, Private and Other Non-Federal Research Contracts/Grants

\$55,000.00 - General Electric Foundation, Bridgeport, Connecticut, Leaders in Career Development Program: 1979 Institute, Academic Faculty of Special Services (A. C. Riccio) and National Center for Research in Vocational Education (R. E. Taylor), 1 April 1979 through 31 December 1979. (Project 761594 - Continuation)

\$12,478.00 - Dorsey Laboratories, Lincoln, Nebraska, A Controlled Release Oral Drug Delivery System, College of Pharmacy (S. G. Frank), 1 January 1979 through 31 December 1979. (Project 760600 - Continuation)

\$10,000.00 - The Petroleum Research Fund, American Chemical Society, Washington, D. C., Rearrangements of Triplet States, Department of Chemistry (M. S. Platz), 1 April 1979 through 31 March 1981. (Project 761595 - New)

\$10,000.00 - Distilled Spirits Council of the United States, Inc., Washington, D. C., Effect of Ethanol on the Activities of Enzymes of Glucose Metabolism, Department of Pharmacology (G. A. Tejwani), 1 July 1979 through 30 June 1980. (Project 761605 - New)

\$6,322.00 - University of Dayton, Research Institute, Dayton, Ohio, Evaluation of Rheological Data, Department of Chemical Engineering (R. S. Brodkey), 1 March 1979 through 30 September 1979. (Project 761166 - Continuation)

\$2,428.00 - James Marshall Fund, Inc., New York, New York, Conflict Management in Environmental Regulatory Administration, School of Public Administration (S. V. Lundstedt), 1 March 1979 through 29 February 1980. (Project 761606 - New)

June 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$1,000.00 - American Cancer Society, Inc., New York, New York, Stereochemistry of Enzymatic Reactions at Phosphorus, Department of Chemistry (P. A. Frey), 1 January 1979 through 31 December 1979. (Project 761600 - New)

\$565.00 - State Fair Community College, Sedalia, Missouri, Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 1 May 1979 through 31 May 1979. (Project 768019 - New)

\$500.00 - The Procter & Gamble Company, Cincinnati, Ohio, Scope Efficacy Trials, Department of Oral Biology (S. Rosen), 28 March 1979 through 31 December 1979. (Project 761481 - Continuation)

TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS \$ 98,293.00

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$52,934.00 - Transit Development Corporation, Inc., Washington, D. C., for Fire Safety Evaluation of Rapid Transit Systems, Department of Chemical Engineering, April 6, 1979 through April 5, 1980. (EES 588/529068)

\$1,000.00 - Maryland Department of Transportation, Brooklandville, Maryland, for Repair of a Skid Measurement System, Transplex, April 30, 1979 through May 31, 1979. (D-6633)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH AND DEVELOPMENT \$ 53,934.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$65,000.00 - E. I. duPont de Nemours and Company, Wilmington, Delaware: \$22,500.00 for the duPont Fund for Research in Chemistry; \$15,000.00 for the duPont Fund for Mechanical Engineering; \$12,500.00 for the duPont Occupational and Environmental Health Grant; \$11,500.00 for the duPont Fund for Research in Chemical Engineering; and \$3,500.00 for the duPont Business Grant.

\$50,000.00 - Chemlawn, Columbus, Ohio, for Parkinson's Disease Research.

June 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$39,400.00 - Pfizer, Inc., Groton, Connecticut, for the Clinical Pharmacology Fund.

\$25,503.86 - Louise Orr Scott Foundation, Columbus, Ohio: \$19,127.90 for the William Craig Orr and Mary Black Orr Scholarship in Medicine and \$6,375.96 for the William Craig Orr and Mary Black Orr Scholarship in Pharmacy.

\$19,216.68 - Systems Associates, Columbus, Ohio: \$10,478.31 for the Department of Medicine General Fund and \$8,738.37 for the Cardiology Support Fund.

\$18,255.11 - University Eye Surgeons, Inc., Columbus, Ohio, for the Eye Bank Fund.

\$17,500.00 - David Meade Massie Trust, Chillicothe, Ohio, for the David Meade Massie Trust Fund.

\$16,550.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund.

\$14,317.00 - SISA, Incorporated, Cambridge, Massachusetts, for the Clinical Pharmacology Fund.

\$10,078.13 - Foundation for Endowment of a Chair at Ohio State University, New York, New York, for the Meshulam Riklis Chair in Business and Its Environment Fund.

\$10,000.00 - Sidney L. Pressey Trust, Columbus, Ohio, for the University Honors Fund.

\$8,034.14 - Grace and Carl Baldwin Trust, Columbus, Ohio, for the Carl M. and Grace C. Baldwin Eye Care Fund.

\$7,000.00 - Eli Lilly and Company, Indianapolis, Indiana, for the Eli Lilly and Company Organic Chemistry Research Fund.

\$6,000.00 - Central Ohio Center for Economic Education, Columbus, Ohio, for the Center for Economic Education.

\$6,000.00 - Mrs. Karl Kornacker, Columbus, Ohio, for the College of Law Library.

\$6,000.00 - Melvin Moffitt Estate, San Antonio, Texas, for the Melvin E. Moffitt Memorial Fund.

\$5,625.00 - Philip C. Hawley, M.D., Columbus, Ohio, for Pulmonary and Respiratory Care Research Fund.

June 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$5,000.00 - The Duriron Company, Inc., Dayton, Ohio, for the Duriron Professorship in Metallurgical Engineering.

\$5,000.00 - General Telephone & Electronics Corporation, Stamford, Connecticut, for the Donald C. Power Fund for College of Law.

\$5,000.00 - Mrs. Carole R. Poirier, Columbus, Ohio, for the Hematology and Cancer Research Fund.

\$5,000.00 - The M. A. Young Foundation, Youngstown, Ohio, for the College of Medicine Progress Fund.

Gifts-in-Kind

\$500,400.00 - Mrs. Barbara Cox Anthony, Honolulu, Hawaii, and Anne Cox Chambers, Atlanta, Georgia, 178 cows to be housed in the College of Agriculture.

\$247,112.00 - The Kaplan-Halpert Foundation, Inc., Columbus, Ohio, two Ohio State Federal Savings and Loan Association certificates for the Jack M. George Fund.

\$28,250.00 - Seward D. Schooler, Coshocton, Ohio: \$24,250.00--part of 1000 shares of First Banc Group of Ohio, Inc., stock for the Everett D. Reese Arthritis Research Fund and \$4,000.00, part of 1000 shares of First Banc Group of Ohio, Inc., stock for the Ohio State National Merit Scholarship Program.

\$15,598.43 - John H. Dunlap, Jr., Williamsport, Ohio, farm equipment to be housed in the College of Agriculture.

\$9,974.76 - Mr. and Mrs. Horatio B. Ebert, Medina, Ohio, 404 shares of Rubbermaid, Inc., common stock for the Cancer Research Fund.

Establishment of Named Funds

Donald E. Zehr Graduate Research Fellowship in Agricultural Economics

The Donald E. Zehr Graduate Research Fellowship in Agricultural Economics was established June 7, 1979, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the Central Ohio Cooperative Milk Producers Association through the Mid East United Dairy Industry Association.

June 7, 1979 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 E. Zehr Graduate Research Fellowship in Agricultural Economics (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 the case dictates.

The annual income is to be available to support graduate student research in the Department of Agricultural Economics and Rural Sociology in the general areas of dairy marketing, cooperative marketing, and generic promotion as deemed desirable by 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 the recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Agriculture.

The Clara M. Bancroft Home Economics Education Fund

The Clara M. Bancroft Home Economics Education Fund was established June 7, 1979, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Clara M. Bancroft, B.S.H.E. '15, M.S. '31, 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 right to invest and reinvest as occasion dictates.

The annual income is to be used for instructional material and faculty advancement in the Home Economics Education Department of the School of Home Economics. Requisitions for the release of funds will be approved by the Chairperson of the Home Economics Education Department, the Director of the School of Home Economics and the Dean of the College of Agriculture and Home Economics.

If, because of reorganization of the University or the School of Home Economics, the department no longer exists as such, then the income shall go to The Ohio State University Development Fund for general fund use.

June 7, 1979 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 Clara M. Bancroft Phi Upsilon Omicron Fund

The Clara M. Bancroft Phi Upsilon Omicron Fund was established June 7, 1979, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Clara M. Bancroft, B.S.H.E. '15, M.S. '31, of Columbus, Ohio, in honor of Phi Upsilon Omicron, the professional Home Economics Sorority.

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

The annual income is to be used to provide funds for special lecture series, workshops, seminars and program resources. Projects will be approved by the Director of the School of Home Economics in consultation with the Phi Upsilon Omicron advisors and officers of the active chapter.

Should the need for these programs 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 home economics education.

The Society of Alumni and Friends of the School of Music Scholarship Fund

The Society of Alumni and Friends of the School of Music Scholarship Fund was established June 7, 1979, by the Board of Trustees of The Ohio State University with gifts from alumni and friends of the School of Music.

All gifts are to be invested in the University's Permanent Endowment Fund 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 case dictates.

The annual income and principal is to be used to provide scholarships for talented undergraduate music majors enrolled in the School of Music. Recipients of such scholarships shall be selected by the Director of the School of Music. For any academic year the number and dollar amount of scholarships awarded annually under this program may be varied, as determined by the School of Music. Distribution for this purpose may be made from income or principal or both, until the funds available to support this program are exhausted.

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 administrative official of the University who is then directly responsible for the School of Music.

June 7, 1979 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 M. S. Newman Fund

The M. S. Newman Fund was established June 7, 1979, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from family, friends, and colleagues of Dr. Melvin S. Newman, 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 the occasion dictates.

The annual income and subsequent gifts made to the Fund will be added to the principal each year with the intent that the Fund will become The M. S. Newman Professorship when that level is reached. Dr. Newman, Regents Professor of Chemistry, retired after 42 years on the Chemistry faculty. The appointment to The M. S. Newman Professorship, preferably in the area of organic chemistry, will be for four years, and it will be renewed for succeeding four-year terms as long as the faculty member remains productive in research. The selection will be made by a Chemistry Department Committee, the Chairman of the Chemistry Department, and the Dean of the College of Mathematical and Physical Sciences.

Should the need for this Fund and subsequent 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 Chairman of the Department of Chemistry.

Edmund M. Spieker Memorial Scholarship Fund

The Edmund M. Spieker Memorial Scholarship Fund was established June 7, 1979, by the Board of Trustees of The Ohio State University by gifts from alumni and friends in memory of the late Edmund M. Spieker, D.Sc. '72, Professor of Geology (1924-1965) and Chairman of the Department of Geology (1945-1952).

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

The annual income is to be used to provide one or more scholarships in Field Geology. The selection of the recipient is to be made upon the recommendation of the Department of Geology and Mineralogy, 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 scholarships.

June 7, 1979 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 William R. Diehl, Jr., Memorial Fund

The William R. Diehl, Jr., Memorial Fund was established June 7, 1979, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mrs. Betty Busey Diehl, Jr., B.F.A. '34, 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 directed to the Student Athlete Grant-in-Aid Fund in memory of William R. Diehl, Jr., B.S.Bus.Adm. '34, and to reflect his deep interest in the intercollegiate athletic program.

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 student athletic grants in aid.

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PLANS AND SPECIFICATIONS

Resolution No. 79-146

Synopsis: Plans and specifications are being proposed for the following projects.

WHEREAS at the request of the Vice President for Business and Administration, the President recommends that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following projects:

UNIVERSITY HOSPITAL RENOVATION, PHASE II

Project:	Improvements to patient-care accommodations, which are obsolete through the advancement of technology and have deteriorated due to normal use.
Funding:	H.B. 618, Item 315-118 (University Hospital Renovation)
Estimated Project Cost:	\$11,477,854.00

June 7, 1979 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

ENERGY MODIFICATIONS TO BUILDINGS, PROJECT III

Project: This project is the final project under the 1977-1979 Building Modification Program. It is a continuation of The Ohio State University's Energy Conservation Program to provide energy reducing modifications in Botany and Zoology Building, Hughes Hall, and Sullivant Hall. Alternate bids will be requested for Founders Hall on the Newark Campus, Hopkins Hall, and Upham Hall. The modifications to be accomplished are based on detailed energy analysis and reports as approved by the Energy Conservation Coordinating Committee.

Funding: H. B. 618, Utilities and Renovation (1977-79 Biennium)

Estimated Project Cost: \$ 207,000.00

NEWARK CAMPUS, PARKING LOT REPAIRS

Project: Removal and replacement of deteriorated pavement.

Funding: Budget Account 885091

Estimated Project Cost: \$ 60,559.00

LIMA CAMPUS, FRONT ENTRY REPAIRS

Project: Restoration of deteriorated concrete and asphalt at the front entrance of Galvin Hall.

Funding: Budget Account 885096

Estimated Project Cost: \$ 35,910.00

PAGE HALL, PLATFORM REPAIRS AT NORTH ENTRANCE

Project: Repair deteriorated concrete and stone.

Funding: Budget Account 210134 (Contract Repair)

Estimated Project Cost: \$ 35,000.00

June 7, 1979 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

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 Administration 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 Mr. Hilliker, seconded by Mr. Havens, 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. 79-147

Synopsis: Contracts have been awarded for three projects 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:

CLASSROOM IMPROVEMENTS (PHASE II)

Description: Improvements to meet contemporary standards in classrooms and lecture halls in Botany and Zoology Building, McPherson Laboratory, Ramseyer Hall and Stillman Hall.

General Contract

Date Received:	May 24, 1979
No. of Bids:	5
Low Bid:	\$135,300.00*
High Bid:	\$146,870.00*
Estimate of Cost:	\$200,350.00*
Awarded to:	McClellan Construction Co. (Columbus, Ohio)

*Recommended Alternates reflected in these figures.

June 7, 1979 meeting, Board of Trustees

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

CLASSROOM IMPROVEMENTS (PHASE II) (contd)

Heating, Ventilating and Air Conditioning Contract

Date Received:	May 24, 1979
No. of Bids:	1
Low Bid:	\$ 13,934.00*
Estimate of Cost:	\$ 13,850.00*
Awarded to:	Muetzel Plumbing and Heating Company (Columbus, Ohio)

Electrical Contract

Date Received:	May 24, 1979
No. of Bids:	4
Low Bid:	\$ 60,900.00
High Bid:	\$ 68,560.00
Estimate of Cost:	\$ 67,000.00
Awarded to:	Electric Power and Equipment Co. (Columbus, Ohio)

Total All Contracts: \$210,134.00

Total Contingency Allowance: \$ 12,374.76 which is 6 per cent of construction costs

Total Project Cost: \$300,000.00

Funding: H.B. 618, Utilities and Renovation (1977-79 Biennium)

MEDICAL PARKING RAMP-MASONRY REPAIRS AND RESEALING

Description: Repairs of deteriorated top deck, south half of parking ramp.

***Recommended Alternates reflected in these figures.**

June 7, 1979 meeting, Board of Trustees

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

MEDICAL PARKING RAMP--MASONRY REPAIRS AND RESEALING (contd)

General Contract

Date Received:	May 9, 1979
No. Bids:	3
Low Bid:	\$ 84,935.00
High Bid:	\$248,970.00
Estimate of Cost:	\$138,000.00
Awarded to:	Lincoln Construction, Inc. (Columbus, Ohio)
Total Contract:	\$ 84,935.00
Total Contingency Allowance:	\$ 6,000.00 which is 7 per cent of construction costs
Total Project Cost:	\$ 93,633.00
Funding:	Budget Account 885071 (Parking Revenues)

GAS LINE REPLACEMENT (Stage 2)

Description: Continuation of the total project to remove and replace deteriorated gas lines on the campus.

Mechanical Contract

Date Received:	May 8, 1979
No. of Bids:	2
Low Bid:	\$ 23,950.00*
High Bid:	\$ 65,900.00*
Estimate of Cost:	\$ 49,000.00*
Awarded to:	Wathen Industries (Worthington, Ohio)

*Recommended Alternates reflected in these figures.

June 7, 1979 meeting, Board of Trustees

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

GAS LINE REPLACEMENT (Stage 2) (contd)

Mechanical Contract (contd)

Total Contract: \$ 23,950.00*

Total Contingency Allowance: \$ 4,000.00 which is 5.9 per cent of construction costs

Total Project Cost: \$ 39,276.16**

Funding: H.B. 618 (Utilities and Renovation, 1977-79 Biennium)

* Recommended Alternates reflected in these figures.

** Includes a \$9,500.00 estimate for a change order being negotiated for the addition of the installation of a master gas meter in McCracken Power Plant.

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 reported.

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

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EASEMENT - ROADWAY EASEMENT AT BARNEBEY CENTER, FAIRFIELD COUNTY
Resolution No. 79-148

Synopsis: A roadway easement at the Barnebey Center is requested.

WHEREAS the University has received a request from Mr. and Mrs. Robert Gossett of Fairfield County for an easement along former County Road 309, located on the eastern perimeter of Barnebey Center, for the purpose of permanent access to a 14-acre tract of land; and

WHEREAS the School of Natural Resources has reviewed the request and wish to work cooperatively with adjacent landowners at the Barnebey Center towards achieving good environmental and natural resources management practices throughout the area; and

WHEREAS the appropriate University agencies have recommended that said easement be granted:

June 7, 1979 meeting, Board of Trustees

**EASEMENT - ROADWAY EASEMENT AT BARNEBEY CENTER, FAIRFIELD COUNTY
(contd)**

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Director of Public Works, 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 an easement.

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

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**MANAGEMENT AGREEMENT - TRANSPORTATION RESEARCH BOARD OF OHIO
Resolution No. 79-149**

Synopsis: Management Agreement with Transportation Research Board of Ohio is being proposed.

WHEREAS the accompanying Management Agreement with the Transportation Research Board of Ohio has been reviewed by University legal counsel and appropriate State agencies:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sign and execute this agreement in accordance with established University procedures and that the actions taken to implement this Agreement be reported to the Board at a later meeting.

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

June 7, 1979 meeting, Board of Trustees

MANAGEMENT AGREEMENT

THIS AGREEMENT, made and entered into this 7th day of June, 1979, to become effective on or before July 1, 1979, by and between the TRANSPORTATION RESEARCH BOARD OF OHIO (hereinafter "TRBO"), East Liberty, Ohio 43319, a body both corporate and politic of the State of Ohio created by the General Assembly in Chapter 5507 of the Ohio Revised Code, and THE OHIO STATE UNIVERSITY (hereinafter "OSU"), 205 Administration Building, 190 North Oval Mall, Columbus, Ohio 43210.

WITNESSETH:

WHEREAS, Chapter 5507 of the Ohio Revised Code (hereinafter "Chapter 5507") grants to TRBO the control, management, supervision and direction of the Transportation Research Center (hereinafter "TRC"); and

WHEREAS, Chapter 5507, particularly, Section 5507.03(F), ORC, gives TRBO the authority to contract with a governmental agency for the operation of the TRC; and

WHEREAS, OSU has expertise in the administration of research facilities, the conduct of research activity and wishes to manage the TRC pursuant to this Agreement;

NOW, THEREFORE, for and in consideration of the promises and agreements of the parties contained herein, the parties, intending to be legally bound, agree as follows:

ARTICLE I

Establishment of Management Responsibilities

Section 1. *Exclusive Agent for the Management of TRC.* TRBO hereby represents that it has authority to delegate to OSU the authority to manage, supervise and direct the operation of the TRC, and has taken all action necessary to delegate this authority to OSU and to execute this Agreement. TRBO hereby also represents that some of its by-laws, rules or regulations are inconsistent with this Agreement. TRBO agrees to suspend these by-laws, rules or regulations until the by-laws, rules or regulations are amended to be consistent with the Agreement. TRBO hereby appoints OSU as its exclusive agent for the management, operation, supervision and direction of the TRC and delegates to OSU authority to manage, operate, supervise and direct the TRC pursuant Chapter 5507, subject to the review of TRBO as provided herein. This authority shall include but not be limited to the right to manage, supervise and direct all the activities of the TRC, the management, operation and maintenance of all existing or hereafter acquired facilities, projects, equipment, supplies and other real and personal property owned or controlled by TRBO and activities related thereto in accordance with the purposes of the TRC as set forth in Chapter 5507.

OSU hereby accepts the appointment as TRBO's exclusive agent and agrees to exercise this appointment in accordance with Chapter 5507 and this Agreement.

Section 2. *TRBO's and OSU's Representatives.* Within thirty (30) days of the effective date of this Agreement, TRBO and OSU shall each designate in writing a board member, officer or employee and one alternate, as their representatives to coordinate the administration of this Agreement between TRBO and OSU and shall notify each other of that designation in writing within this thirty (30) day period.

June 7, 1979 meeting, Board of Trustees

MANAGEMENT AGREEMENT (contd)

TRBO and OSU may change their designated representatives or alternates at any time; provided, however, such change shall only be deemed effective upon delivery to OSU or TRBO of a certified copy of the document evidencing the action making such change.

Section 3. *Reports.* OSU shall make written monthly reports to the TRBO or its executive committee concerning the management of the TRC including but not limited to a detailed explanation of income and expenses. These reports shall be included in the agenda of the TRBO regular meetings for review and appropriate action. OSU shall have the exclusive and full authority as agent to manage the TRC in accordance with this Agreement, Chapter 5507 and other applicable local, state and federal rules, regulations and laws. OSU will also prepare such reports as are required by any local, state or federal rule, regulation or law and submit these reports to TRBO for review and any necessary action.

ARTICLE II

Powers and Duties of OSU

Section 1. *OSU's Control Over Management and Operation of the TRC.* Upon execution of this Agreement, OSU shall receive the exclusive and full authority as agent to manage, supervise and direct the operation of the TRC in accordance with the terms of this Agreement, subject to the review of TRBO as provided herein.

Section 2. *OSU's Management of All Real and Personal Property.* After the execution of this Agreement, TRBO shall cause an inventory to be taken of all equipment, materials, supplies, maintenance tools and other personal property and all real property which are owned or controlled by TRBO, all contracts, leases, or other agreements entered into by TRBO, all industrial revenue bond issues, and all liens, encumbrances or other restrictions on any property owned or controlled by TRBO. Such inventory shall be delivered to OSU as the agent of TRBO on or before the effective date of this Agreement. This inventory shall be signed by an authorized representative of TRBO and, when accepted, the representative of OSU. Thereafter, OSU shall have the exclusive right as agent to manage, operate and use this real and personal property and administer these agreements and other arrangements in accordance with this Agreement.

Section 3. *Income and Funds.* After the effective date of this Agreement, TRBO shall delegate to OSU as agent control of the TRBO funds, bank accounts and other accounts and OSU shall have the exclusive right as agent to control and use these funds as provided in this Agreement. After the execution of this Agreement, TRBO shall prepare financial statements setting forth all of its funds, bank accounts and other accounts. These financial statements shall be delivered to OSU before the effective date of this Agreement and shall be signed by an authorized representative of OSU and the representative of TRBO.

Section 4. *Authority to Enter into Contracts, Leases and Other Business Arrangements.* OSU shall have the authority to enter into contracts, leases and other agreements on behalf of TRBO for the use of TRC's services and facilities. TRBO acknowledges that OSU and its affiliates contract with TRBO and will continue to contract with TRBO for the use of its research facilities. TRBO agrees to allow OSU and its affiliates to continue and expand these contracts for use of the TRBO research facilities. OSU shall also have the authority as agent to administer all existing contracts, leases and other arrangements providing for the use of TRC's services or facilities on behalf of TRBO. Communications relating to

June 7, 1979 meeting, Board of Trustees

MANAGEMENT AGREEMENT (contd)

current, future or proposed contracts, leases or other agreements for the use of TRC's facilities or services or any related activity shall be referred to OSU and negotiations for such contracts, leases or agreements shall be conducted by OSU as agent pursuant to the terms of this Agreement.

It is the mutual intention and commitment of the parties that the in-house transportation research capabilities of the TRC will be increased compatible with the research and development activities of OSU. TRBO will appoint a representative to monitor the progress of this mutual commitment. The books and records of TRBO and OSU related to this commitment shall be open for review by the other party with reasonable written notice.

Section 5. *Service Contracts.* OSU is hereby authorized to enter into contracts on behalf of TRBO for services which it deems, in its discretion, are necessary and appropriate for the operation of TRC and is also authorized to place orders or purchase on behalf of TRBO equipment, tools, appliances, materials, supplies and other personal property and real property it deems necessary or appropriate for the continued operation or development of the TRC. If any purchase of personal or real property exceeds Twenty Five Thousand Dollars (\$25,000), OSU shall consult with the Chairperson or Vice Chairperson of the TRBO prior to such purchase. The execution of all contracts and the purchase of all property, real, personal or mixed, must be made in accordance with all local, state or federal rules, regulations and laws.

TRBO acknowledges and agrees that OSU and its affiliates may continue, on their own behalf, to bid upon and secure research projects from local, state and federal governmental bodies and non-governmental entities and perform said projects and to enter into all contracts or other arrangements necessary or appropriate for the performance of such projects.

Section 6. *Employment of Personnel.* OSU is delegated sole authority to hire, terminate, discipline, set compensation and otherwise supervise and control all employees, agents, or representatives of TRBO during the term of this Agreement. However, these employees, agents or representatives of TRBO shall be employees, agents or representatives of TRBO, shall be paid from TRBO funds and shall not be considered OSU employees, agents or representatives unless OSU specifically notifies TRBO of this fact in writing. OSU shall consider retaining the current full-time employees of TRBO. However, this Agreement places no restrictions on the right of OSU as agent to hire, terminate, discipline, set the compensation and otherwise supervise and control the personnel of TRBO. All salaries, wages and other compensation of personnel employed hereunder, including so-called fringe benefits, medical and health insurance, retirement contributions, taxes, Workmen's Compensation insurance and related benefits, shall be paid solely and exclusively from TRBO funds held in the TRBO account(s).

Section 7. *Collection of Income, Fees and Other Funds.* OSU shall collect all income, fees and other funds resulting from the use of the TRC and its administration of this Agreement on behalf of TRBO and shall deposit all these funds in the TRBO account(s). Such funds shall be used for the operation of the TRC, administration of this Agreement and the other requirements of Chapter 5507.

June 7, 1979 meeting, Board of Trustees

MANAGEMENT AGREEMENT (contd)

Section 8. *OSU's Compensation for the Administration of TRC.* OSU shall be paid One Dollar (\$1.00) per annum for the administration of this Agreement and shall also recover from the TRBO funds all its direct and indirect costs, expenses and payments incurred to perform its obligations under this Agreement.

Section 9. *Maintenance and Repair of Property.* To the extent funds are available in the TRBO account(s) and are not used for other obligations of the TRC, OSU shall use the funds to maintain in operating condition the real, mixed and personal property owned or controlled by TRBO and set forth in the inventory described in Section 2 of Article II of this Agreement, ordinary wear and tear excepted. To the extent funds are available, OSU is specifically authorized to use them to repair or replace, or to enter into contracts for the repair or replacement of such real, personal or mixed property.

Section 10. *Excess Funds.* During each fiscal year, any income, fees or funds received by OSU on behalf of TRBO and deposited in TRBO's account(s) and, which are not necessary for current operating funds, repair and maintenance, or other appropriate costs of administering this Agreement or operating the TRC, shall be applied by OSU for the future operation and development of TRC. Any part of these excess funds which are available may be used for the improvement and expansion of the real, personal and mixed property of the TRBO or for such other purpose as is determined by OSU and TRBO.

ARTICLE III

Relationship of OSU to TRBO

Section 1. *Financial Responsibility for Operation of TRBO.* TRBO and OSU acknowledge and accept that OSU shall have no financial responsibility whatsoever for the operation, management, supervision or direction of the TRC and the obligations established by local, state or federal rules, regulations and laws, including Chapter 5507, and all financial responsibility for these activities will be provided by TRBO through the TRBO account(s). OSU shall only be responsible for administering the TRBO funds as provided in this Agreement.

Section 2. *Fees, Operating Profits or Deficits or Other Funds.* Consistent with Section 3335.10, ORC, and the terms of this Agreement, TRBO agrees to make available to OSU all fees, operating income or deficits and other funds for the performance of any or all of the obligations provided in this Agreement. For purposes of this Agreement, accumulated operating deficits shall not include amounts deducted for the depreciation of property, real, personal or mixed.

Section 3. *Control of TRBO Capital Funds.* TRBO does not relinquish or transfer, in any way, its statutory authority, responsibility and control of current permanent capital improvements or future permanent capital improvements obtained pursuant to terms of this Agreement or from any other source. This Agreement does not relieve TRBO of its reporting or fiduciary responsibilities for all the funds and assets of TRC as provided in Chapter 5507. However, OSU is responsible for developing and implementing capital improvement plans for review by TRBO.

June 7, 1979 meeting, Board of Trustees

MANAGEMENT AGREEMENT (contd)

ARTICLE IV

Administration Standards, Indemnification

OSU agrees that it shall discharge its duties and responsibilities hereunder in a conscientious, competent, careful and diligent fashion and in accordance with Chapter 5507, other local, state and federal rules, regulations and laws and the terms of this Agreement; provided, however, if OSU discharges its responsibilities in accordance with these standards, OSU shall have no liability or responsibility for any damage arising out of or resulting from the performance of its obligations under this Agreement. If OSU performs its obligations in accordance with these standards, TRBO agrees to indemnify and hold harmless OSU against any and all claims, causes of action or demands arising out of or resulting from the performance of its obligations hereunder.

ARTICLE V

Limitations on Authority of OSU

The authority granted to OSU hereunder does not include the authority to lease real, personal or mixed property to anyone for a period of longer than one (1) year or to construct, modify or alter a substantial portion of any of the facilities owned or controlled by TRBO unless OSU obtains prior written consent from TRBO.

ARTICLE VI

Use of OSU Facilities, etc., Limitations

OSU may use any and all University facilities, personnel and procedures in the performance of this Agreement, except that all legal services relating to the operation of the TRC shall be provided by the special counsel of the TRBO unless otherwise directed by the Attorney General in writing; provided, however, this restriction on the use of legal counsel does not prohibit OSU from utilizing its special counsel concerning the performance of its obligations and responsibilities under this Agreement.

This Agreement shall also not restrict in any way OSU's right to perform services for the TRC even though OSU may be in charge of administering, awarding and supervising these activities.

ARTICLE VII

Administration of TRBO Accounts, Funds, Records, etc.

OSU agrees to maintain the TRBO account(s) and all TRBO records, documents and related records in accordance with generally accepted accounting principles consistently applied and in accordance with the terms of this Agreement, Chapter 5507, and other local, state and federal rules, regulations and laws.

June 7, 1979 meeting, Board of Trustees

MANAGEMENT AGREEMENT (contd)

All of these accounts, books and records shall be subject to inspection and audit by TRBO or its designated representative at any time during normal business hours after reasonable written notice. Said funds shall be maintained in the TRBO account(s) in the name of TRBO with OSU having full power and authority to deposit, withdraw and otherwise use these funds in accordance with this Agreement.

ARTICLE VIII

Compliance with Laws, etc.

OSU agrees that it shall comply with all applicable local, state and federal rules, regulations and laws in the performance of its obligations hereunder, including Chapter 5507. TRBO agrees to submit in writing to OSU all rules, regulations and laws relating to the operation of the TRC.

ARTICLE IX

Safety Precautions

OSU agrees to take all reasonable precautions in the performance of its obligations under this Agreement to protect the health and safety of all employees of TRBO and OSU, the citizens of the State of Ohio and the public in general, and to minimize, to the extent practicable, all dangers to life and property and shall comply with all health, safety and fire protection rules, regulations and laws.

ARTICLE X

Force Majeure

Either party shall be relieved of the consequences of any breach, default, penalty or deficiency hereunder which results from a cause or causes beyond its control. A cause or causes which results from the substantial fault or negligence of either party shall not be deemed beyond its control. Excused causes include, without limiting the generality of the foregoing, war, insurrection, strikes, or other labor disputes, riot, flood, fire, epidemic, hurricane, severe weather, action of the elements, explosion, earthquake, acts, proceedings or regulations of any governmental authority, whether legislative, executive, administrative or judicial, events which could not reasonably have been foreseen in the exercise of ordinary care, and any act of God. The existence of such causes of delay or failure shall extend the period for performance to such extent as may be necessary to enable complete performance in the exercise of reasonable diligence after the causes for delay or failure have been removed.

ARTICLE XI

Miscellaneous

Section 1. *Term.* This Agreement shall be in effect from the effective date hereof and shall continue concurrently with the State of Ohio's fiscal biennium, and shall be automatically

June 7, 1979 meeting, Board of Trustees

MANAGEMENT AGREEMENT (contd)

renewed unless either party shall give the other party one hundred twenty (120) days written notice of its intent to terminate this Agreement prior to the expiration of the biennium. Either party shall also be able to terminate this Agreement at any time by giving one hundred twenty (120) days written notice of its intent to terminate to the other party. The Agreement may be terminated by mutual consent at any time.

Section 2. *Appropriations from the General Assembly.* OSU's obligations under this Agreement are contingent upon continuing appropriations to OSU by the General Assembly necessary to support OSU.

Section 3. *Binding Upon Successors and Assigns.* All the terms and conditions of this Agreement shall inure to the benefit of and be binding upon the parties hereto and their respective successors and assigns; provided, however, neither party may assign any of its respective rights or obligations hereunder without the prior written consent of the other party, which consent shall not be unreasonably withheld.

Section 4. *Notices.* All notices, requests or communications required by this Agreement shall be in writing and shall be deemed duly given if hand delivered or when received by the parties:

(A) If to TRBO:

Transportation Research Board of Ohio
East Liberty, Ohio 43319

Attention: Representative of OSU Contract

(B) If to OSU:

The Ohio State University
205 Administration Building
190 North Oval Mall
Columbus, Ohio 43210

Attention: Representative of TRBO Contract

Section 5. *Counterparts.* This Agreement may be executed simultaneously in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

Section 6. *Invalid or Unenforceable Provisions.* If any provision of this Agreement or the application of any provision to any person or any circumstance, shall be determined to be invalid or unenforceable, then such determination shall not affect any other provision of this Agreement, or the application of said provision, to any other person or circumstance, all of which other provisions shall remain in full force and effect, and it is the intention of

June 7, 1979 meeting, Board of Trustees

MANAGEMENT AGREEMENT (contd)

the parties that if any provision of this Agreement is susceptible of two or more constructions, one of which would render the provision enforceable and the other or others of which would render the provision unenforceable, then the provision shall have the meaning which renders it enforceable.

Section 7. *Entire Agreement.* This Agreement constitutes the entire Agreement between the parties in respect to the subject matter hereof, and this Agreement supersedes all prior and contemporaneous agreements between the parties in connection with the subject matter of this Agreement. No officer, employee or other servant or agent of the parties is authorized to make any representation, warranty or promise not contained in this Agreement. No change, termination or attempted waiver of any of the provisions of this Agreement shall be binding upon the parties unless in writing and signed by the parties.

Section 8. *Ohio Law.* This Agreement shall be governed by and construed in accordance with the laws of the State of Ohio.

Section 9. *Rights and Remedies Cumulative.* All rights and remedies of persons and parties enumerated in this Agreement shall be cumulative and, except as specifically contemplated otherwise by this Agreement, none shall exclude any other right or remedy allowed at law or in equity, and said rights or remedies may be exercised or enforced concurrently.

IN WITNESS WHEREOF, the parties hereto have caused these presents to be executed to be effective as the ____ day of _____ 1979.

WITNESS:

THE TRANSPORTATION RESEARCH BOARD

By _____
Its _____

ATTEST: _____

THE OHIO STATE UNIVERSITY

By _____
Its _____

ATTEST: _____

June 7, 1979 meeting, Board of Trustees

REQUEST FOR AUTHORIZATION TO SELL SECURITIES TO FINANCE PARKING FACILITIES AND RESIDENCE HALL IMPROVEMENTS

Resolution No. 79-150

Synopsis: Authorization to develop a proposal to sell securities for the purpose of financing parking facilities and residence hall improvements is sought.

WHEREAS, pursuant to Section 3345.11 and 3345.12 of the Ohio Revised Code the Board is authorized to, among other things, issue and sell obligations in a manner provided and subject to the applicable provisions of Section 3345.12 of the Revised Code; and

WHEREAS the University has several projects in progress for which external financing is desired in order to construct and/or equip existing facilities; and

WHEREAS the University has determined to sell a supplemental issue of general receipt bonds of the University and to enter into agreement to secure said issue of bonds for the purpose of funding the costs associated with the following projects:

- (1) Residence halls smoke detectors; approximately \$3,000,000
- (2) 11th Avenue Parking Ramp; \$2,000,000
- (3) 9th Avenue Parking Ramp; \$4,450,000
- (4) Bond Reserve Fund; approximately \$1,500,000

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration or the Treasurer are hereby authorized to engage the services of an underwriter, subject to the approval of the Fiscal Affairs Committee of the Board, and Squire, Sanders & Dempsey to assist with the development of a proposal which would facilitate the issuance of general receipt bonds in the amount of approximately \$11,000,000 to be secured by general receipts of the University.

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

--o--

AUTHORIZATION TO INCREASE THE INVESTMENT AMOUNT IN CERTIFICATES OF DEPOSIT

Resolution No. 79-151

Synopsis: Increase in investment amount in Certificates of Deposit is requested.

June 7, 1979 meeting, Board of Trustees

**AUTHORIZATION TO INCREASE THE INVESTMENT AMOUNT IN CERTIFICATES
OF DEPOSIT (contd)**

WHEREAS, the University from time to time invests in Certificates of Deposit in banks and savings and loan associations; and

WHEREAS, these Certificates of Deposit are secured by government or municipal bonds held by the bank or the savings and loan issuing the Certificates of Deposit; and

WHEREAS, this collateral provides a high level of safety:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Administration and/or the Treasurer be authorized by the Board to purchase Certificates of Deposit in an amount not to exceed \$6,000,000 per institution, with the limitation of one year, with no limit on the total amount invested in Certificates of Deposit which may be held in the University Investment Portfolio.

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

--o--

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 79-152

RESOLVED, That the report on the University's Investment Portfolio, dated May 18, 1979, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

--o--

BOARD MEMBER COMMENTS

Mr. Hilliker made the following comment:

I have one comment before we adjourn. John Jacob would have preferred to have done it but he had to leave and since I have somewhat the same interest I would personally like to congratulate the Golf Team for their NCAA Championship that they took last week. It is the first men's national championship in eleven years--women have done a little better. It is the first men's championship. Jim Brown was elected Golf Coach of the Year. I would like to give them my congratulations and I assume the congratulations of the Board.

June 7, 1979 meeting, Board of Trustees

BOARD MEMBER COMMENTS (contd)

Mrs. James made the following comment:

I would like to officially say fond farewell to both Al and Eric. We certainly are going to miss you both. Al mentioned earlier that we just might see him again on the other side of that table some day soon. I have a feeling that if Eric is in the community we certainly will see him again. We wish you both well, good luck and Godspeed.

--o--

Thereupon the Board adjourned to meet Friday, July 20, 1979, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

Patricia D. James
Chairman

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

COLUMBUS

July 1, 1979 to June 30, 1980

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1979-1980

THE OHIO STATE UNIVERSITY

Harold L. Enarson, President

BOARD OF TRUSTEES

	Term Beginning	Term Expiring
Howard D. Sirak, Columbus	May 19, 1971	May 13, 1980
Patricia D. James, Cleveland	July 18, 1972	May 13, 1981
Chester Devenow, Toledo	May 14, 1973	May 13, 1982
Warren J Smith, Columbus	January 6, 1975	May 13, 1983
John D. Jacob, Columbus	May 14, 1975	May 13, 1984
Donald J. Hilliker, Bellefontaine	May 14, 1976	May 13, 1985
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

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Chester Devenow, Vice Chairman
Madison H. Scott, Secretary
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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND FORTY-NINTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, July 20, 1979

The Board of Trustees met at its regular monthly meeting on Friday, July 20, 1979, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Patricia D. James, Chairman, Howard D. Sirak, Chester Devenow, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens, Daniel M. Galbreath and Edmund C. Redman.

* * *

Minutes of the last meeting were approved.

* * *

Mrs. James introduced the new member of the Board:

Edmund C. Redman, Columbus, Ohio, who was appointed by Governor James A. Rhodes, for a term beginning May 14, 1979 and ending May 13, 1988.

* * *

July 20, 1979 meeting, Board of Trustees

INTRODUCTION OF PROVOST

President Enarson: I am pleased to acknowledge the presence here today, on my right, of Dr. Ann Reynolds who, as you all know, will be coming with us full time September 1, as the new Provost of the University. I have already begun to dump scores of memos, letters and problems on her desk so that she will have a full platter the moment she arrives here.

--o--

RESOLUTIONS IN MEMORIAM

Resolution No. 80-1

Synopsis: Resolutions honoring the service of four of this University's faculty members and the first University Vice President 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.

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

Shirley Armstrong

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 27, 1979, of Shirley Armstrong, M.D., Professor Emeritus in the School of Health, Physical Education and Recreation.

Dr. Armstrong received her A.B. degree in 1919 from Indiana University and her M.D. degree in 1925 from Indiana University Medical School. She served her Internship at the New England Hospital for Women and Children in 1925-26 and attended the New York Postgraduate School in the Summers of 1930 and 1931. Joining the Women's Division of the Physical Education Department in 1926, she became a Professor in 1927 and served the University until 1958. From 1928-34 she was an Associate in the University Health Service and from 1934-58 she was an Assistant Professor of Medicine (Clinical).

Shirley Armstrong served the University for 32 years in the capacity of Medical Adviser for the Women's Physical Education Department. In this role, she organized and directed the entering physical examination program for women. In addition, she was in charge of the Hygiene 400 program which was required of every woman student. Her counseling, particularly with students who were restricted in the activity program, and her thorough understanding of the objectives of Physical Education enriched the Department considerably.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Armstrong 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 sincere appreciation of the Board's realization of the loss that the family, the University and her many friends and associates have sustained.

July 20, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Glenn William Blaydes

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 26, 1979, of Glenn William Blaydes, Professor Emeritus in the Department of Botany.

Dr. Blaydes was born September 30, 1900, on a farm near Roachdale, Indiana. He attended high school there graduating in 1918. He received his Bachelor of Arts degree from Indiana University in 1924. Graduate degrees were obtained from The Ohio State University--a Master of Science in 1926 and a Doctor of Philosophy in 1931.

Dr. Blaydes taught at Ohio Wesleyan University from 1924 to 1928. In 1932 he began his long teaching career at The Ohio State University moving through the ranks to full Professor of Botany which rank he held at his retirement in August 1970. He held the title Associate Histologist in the Rubber Investigations of the U. S. Department of Agriculture from 1942 to 1944.

During his many years as a teacher, Dr. Blaydes was dedicated to excellence in teaching and he made a strong impact on many young people. He coauthored, with David F. Miller, a widely used and respected book, *Methods and Materials for Teaching Biological Sciences*, which went through two editions and was translated into Italian. His research in teaching methods, plant morphology, and the history of cultivated plants resulted in many published papers and reports. Service on important professional committees and editing the *Ohio Journal of Science* were important aspects of his contributions to his profession and the people of the State of Ohio.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Blaydes 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 which the family and The Ohio State University have sustained.

William R. Krueger

The Board of Trustees of The Ohio State University expresses its sorrow upon the death of William R. Krueger, Associate Professor, Department of Art, College of the Arts, on June 12, 1979.

William R. Krueger was born in New Brunswick, New Jersey, on October 8, 1931. He was graduated from Mt. Hermon High School in Northfield, Massachusetts. He studied art at Oberlin College, where he received his Bachelor's degree. He held a Master's degree in art from the University of Wisconsin. He received a Master of Arts degree in psychology from The Ohio State University in 1976.

Before joining the faculty of the School of Art at The Ohio State University in 1962, Professor Krueger taught art at Eastern Michigan University and at Queens College in New York. In the Department of Art at The Ohio State University he served on many committees

July 20, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

William R. Krueger (contd)

including the Faculty Advisory Committee and the Administrative Committee. He revised and supervised the Studio Humanities Program in the Department of Art. He was, for several years, Chairman of the College of the Arts Research and Grants Committee.

Bill's experience as an artist and psychologist contributed greatly to his excellence as a teacher. He loved teaching; the high expectations he had of his students exemplified his love and respect for them. Bill wrestled with issues. He was intolerant of mediocrity, hypocrisy and inhumanity. He deeply believed that "we are all here to help one another." He did not choose an easy path. He cared.

On behalf of the University community, the Board of Trustees expresses its deepest sympathy to the family of William R. Krueger. 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 of William R. Krueger as sincere appreciation for the life he lived and the realization of the loss that his family, friends and associates have sustained.

Inez Ray Wells

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 6, 1979 of Inez Ray Wells, Professor Emeritus in the Academic Faculty of Vocational-Technical Education.

Professor Wells held the B.A. degree from Nebraska State Teachers College (1927), the M.A. degree from the State University of Iowa (1933), and the Ph.D. degree from The Ohio State University (1947). She taught in secondary schools in Nebraska and Nevada and in colleges in Colorado and Mississippi before joining the faculty at Ohio State in 1937.

Professor Wells was instrumental in guiding the careers of many young men and women in the field of Business Education. Particularly noted as a teacher, she stressed the importance of professional behavior in both the career and personal lives of her colleagues and students.

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

James L. (Lew) Morrill

The Board of Trustees of The Ohio State University expresses its sorrow upon the death July 20, 1979, of Dr. James L. (Lew) Morrill, who served the University with great distinction over 22 years as Secretary of the Alumni Association, the first Junior Dean of the College of Education and the first University Vice President.

July 20, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

James L. (Lew) Morrill (contd)

Dr. Morrill was born in Marion, Ohio, on September 24, 1891. After receiving his degree from The Ohio State University in 1913, he worked in various capacities for the Cleveland Press. He returned to his alma mater in 1919 as Secretary of the Alumni Association and in 1928 was named the first Junior Dean of the College of Education. In 1932, he was appointed Vice President--the first person to hold such office.

In 1942, he was named President of the University of Wyoming and two-and-one-half-years later, he became Chancellor of the University of Minnesota.

He served as President of the National Association of State Universities and Land Grant Colleges, the National Association of State Universities, and the Association of American Universities.

Following his retirement from the University of Minnesota in 1960, he served for a decade as an educational consultant to the Ford Foundation, after which he returned to Columbus.

In 1945 The Ohio State University conferred upon him an honorary Doctor of Laws degree and in 1976, the first building on the OSU Marion Campus was named in his honor.

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

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**CHANGE NAME OF DEPARTMENT OF SLAVIC LANGUAGES AND LITERATURES
TO DEPARTMENT OF SLAVIC AND EAST EUROPEAN LANGUAGES AND
LITERATURES**

Resolution No. 80-2

Synopsis: Change name of Department of Slavic Languages and Literatures to Department of Slavic and East European Languages and Literatures is proposed.

WHEREAS, the Department of Slavic Languages and Literatures has requested that its name be changed to the Department of Slavic and East European Languages and Literatures; and

WHEREAS, this request has the concurrence of the dean of the College of Humanities, and of the several departments within that college having closely related disciplines or interests; and

WHEREAS, the requested name change will more aptly describe the mission of the department, and the scope of its instructional and research interests:

July 20, 1979 meeting, Board of Trustees

**CHANGE NAME OF DEPARTMENT OF SLAVIC LANGUAGES AND LITERATURES
TO DEPARTMENT OF SLAVIC AND EAST EUROPEAN LANGUAGES AND
LITERATURES (contd)**

NOW THEREFORE

BE IT RESOLVED, that the proposal from the University Senate to change the name from Department of Slavic Languages and Literatures to Department of Slavic and East European Languages and Literatures be approved, effective upon such approval.

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

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AMENDMENT TO RULES OF THE UNIVERSITY FACULTY

Resolution No. 80-3

Synopsis: Approval of amendments to Rules of the University Faculty is being proposed.

WHEREAS the University Senate pursuant to Rule 3335-1-08 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to *Rules of the University Faculty* as approved by the University Senate:

AMENDED RULES

3335-5-37	Membership
3335-5-46	Senate committees
3335-5-48	Council on academic affairs
3335-5-49	The library council
3335-5-50	Council on student affairs
3335-5-51	Athletic council
3335-5-61	Committee on public safety
3335-11-09	The Ohio unions council

The council on student affairs has recognized the graduate-professional council as the representative body in the professional student constituency and each of the foregoing named rules reflect this change.

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to *Rules of the University Faculty*, as approved by the University Senate on June 2, 1979, be adopted by the Board of Trustees for inclusion in the next publication of the *Rules of the University Faculty*.

Upon motion of Mr. Smith, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

RULES

3335-5-37 Membership.

There shall be a university senate, a unicameral body constituted as follows:

- (B) Non-voting members: senate members not entitled to vote on the floor of the senate, but otherwise to participate in all senate deliberations, shall include the university ombudsman, the director of alumni affairs, the president of freshman senate, the president of undergraduate student government, the vice president of undergraduate student government, the president of the council of graduate students, and the president of the graduate-professional council.

3335-5-46 Senate committees.

- (A) Organizing committees: the university senate shall have the following four organizing committees:

- (1) Steering committee
- (2) Program committee
- (3) Rules committee
- (4) Elections committee

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 graduate-professional council, and the undergraduate student assembly shall nominate members of their own constituency.

Steering committee

- (H) The steering committee shall consist of thirteen members apportioned as follows: six faculty, one dean, two administrators, and four students. The faculty representatives, three of whom shall be elected each year, and the dean shall be ineligible for immediate re-election. The representatives from the administration shall be the provost and the vice president for business and administration. The (elected) members of the steering committee shall be chosen as follows:

- (1) The faculty membership shall nominate a slate of at least three and no more than six faculty representatives.
- (2) The representatives of the administration shall nominate at least one and no more than two deans when a new representative is elected.

RULES (contd)

3335-5-46 Senate committees. (contd)

- (3) The four student members shall be as follows:
- The president of the graduate-professional council
 - The president of the council of graduate students
 - The president of the undergraduate student government
 - One elected through nomination from the undergraduate student membership of the senate.

3335-5-48 Council on academic affairs.

(A) The council on academic affairs shall consist of fourteen members.

- (1) Five members of the university faculty, at least two of whom must be senate members, shall be nominated by the faculty membership and subject to confirmation by vote of the senate for three-year terms; one member to be elected the first year and every third year thereafter, and two members to be elected in each of the other years.
- (2) Four members of the university faculty shall be appointed by the president for three-year terms; two members to be appointed the first year and every third year thereafter, and one member to be appointed in each of the other years.
- (3) A faculty member who has completed a three-year term on the council shall not be eligible for appointment or election for one year after such service.
- (4) Four members shall be students: one graduate student appointed by the president of the council of graduate students with the approval of the council of graduate students; one professional student appointed by the president of the graduate-professional council with the approval of the graduate-professional council; and two undergraduate students appointed by the president of the undergraduate student government with the approval of the undergraduate student assembly. At least one of the undergraduate students shall be a member of the university senate. Each student member shall be appointed for a one-year term and be eligible for reappointment.

3335-5-49 The library council.

- (A) The library council shall consist of nine members of the university faculty, one of whom is a member of the senate; the vice president for educational services; the vice provost for research and dean of the graduate school; the director of libraries; one graduate student appointed by the president of the council of graduate students with the approval of the council of graduate students; one professional student appointed by the president of the graduate-professional**

RULES (contd)

3335-5-49 The library council. (contd)

council with the approval of the graduate-professional council; and two undergraduate students appointed by the president of the undergraduate student government with the approval of the undergraduate student assembly. The faculty council shall appoint the nine faculty members for three-year terms, three to retire each year and to be ineligible for reappointment during one year thereafter. The chairman shall be elected from among the faculty members of the library council and he shall report to the university senate.

3335-5-50 Council on student affairs.

(A) The council on student affairs shall consist of fifteen members as follows:

(1) Eight students to be selected as follows:

- (a) The president of the undergraduate student government.
- (b) The president of the association of women students.
- (c) Two students appointed by the president of the undergraduate student government with the advice and consent of the student assembly.
- (d) Two students to be appointed by the president of the council of graduate students with the advice and consent of that council.
- (e) One student to be appointed by the president of the graduate-professional council with the advice and consent of that council.
- (f) One representative student appointed by the president of the freshman senate from the membership of that body.

The six students appointed shall serve one-year terms but shall be eligible for reappointment.

- (2) Six elected faculty members, at least two of whom shall be university senate members, chosen by the university senate for three-year terms, two to be chosen each year.
- (3) The vice president for student services, who shall vote in case of ties.

3335-5-51 Athletic council.

(A) 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:

RULES (contd)

3335-5-51 Athletic council. (contd)

- (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 July 1 following election or appointment; a member serving a full term may not be reelected or reappointed until one year has passed; the terms shall be staggered so that two members retire each year.
- (2) The alumni members shall be designated by the Ohio state university 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 shall adopt. One student member shall be selected by the graduate-professional council for a term of one year under such procedures as the council shall adopt.
- (4) In the event of a vacancy in the membership of the athletic council, the vacancy will be filled for the unexpired term by the same method as that originally used to fill that position.

3335-5-61 Committee on public safety.

- (A) The committee on public safety shall consist of eleven members as follows:
- (1) Two members of the university faculty, nominated by the faculty membership of the senate;
 - (2) Two administrators nominated by the president;
 - (3) Two staff members appointed by the vice president for business and administration;
 - (4) Two undergraduate students nominated by the undergraduate student government;
 - (5) One graduate student nominated by the council of graduate students;
 - (6) One professional student nominated by the graduate-professional council; and

July 20, 1979 meeting, Board of Trustees

RULES (contd)

3335-5-61 Committee on public safety. (contd)

- (7) The director of public safety, or his designee, ex officio, non-voting.

3335-11-09 The Ohio unions council.

(A) The Ohio unions council shall consist of thirty-three members chosen as follows:

- (1) Eighteen student members chosen in accordance with rules established by the Ohio unions council.
- (2) One student appointed by the president of the undergraduate student government with the advice and consent of the student assembly; one student appointed by the president of the council of graduate students with the advice and consent of that council; one student appointed by the president of the graduate-professional council with the advice and consent of that council.
- (3) The vice president for student services; and five staff members chosen as follows: the director, Ohio unions; the program director, Ohio unions; the recreation director, Ohio unions; one residence halls staff representative; one student organization staff representative. The staff members of the Ohio unions council shall be appointed for a term of two years by the vice president for student services.
- (4) Four faculty members. The faculty members shall be appointed for a term of two years by the vice president for student services after consultation with the provost.
- (5) Two alumni members designated by the Ohio state university association for a term of three years under such procedures as the association shall adopt.

The faculty and alumni members shall not serve more than two consecutive terms on the council.

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DEGREES AND CERTIFICATES - SUMMER QUARTER COMMENCEMENT

Resolution No. 80-4

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

July 20, 1979 meeting, Board of Trustees

DEGREES AND CERTIFICATES - SUMMER QUARTER COMMENCEMENT (contd)

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

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on August 30, 1979, 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. Smith, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 80-5

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Other Personnel Action, Resignations, Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the June 7, 1979 meeting of the Board, including the following Other Personnel Action, Resignations, Appointments, Leaves of Absence without Salary, Professional Improvement Leaves, and Emeritus Titles, as detailed in the University Budget for 1979-80 be approved.

Other Personnel Action

SAUL SEIGEL, Consultant, The Ohio State University Development Fund, July 1, 1979 through December 31, 1979, at a salary of \$3,710.00 per month.

Resignations

CHARLES F. BATEY, JR., Director, Affirmative Action, Office of the President, will resign his position effective August 31, 1979.

ROBERT A. BARNES, JR., Dean/Director-Regional Campuses, will resign his position effective August 31, 1979.

July 20, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments

Name: WILLIAM J. NAPIER
Titles: Assistant to the President and Director of Governmental Relations, Office of the President
Effective: Immediately
Salary: \$29,700.00
Present Position: Director, Governmental Relations, Office of Public Affairs

Name: ROBERT J. STULL
Titles: Associate Dean, College of the Arts, and Professor Department of Art
Effective: July 1, 1979
Salary: \$43,560.00 (12 month)
Present Positions: Professor and Chairman, Department of Art, The Ohio State University

Name: WILLIAM R. BUSH
Title: Assistant Vice President
Office: Learning Resources and Instructional Development
Effective: July 1, 1979
Salary: \$38,280.00 (12 month)
Present Position: Director of Research and Course Development, University of Mid-America

Name: CHARLES T. HERMANN
Titles: Acting Director, Mershon Center for Education in National Security and Professor, Department of Political Science
Effective: July 1, 1979
Salary: \$44,040.00 (12 month)
Present Position: Professor, Department of Political Science, The Ohio State University

Leaves of Absence Without Salary

HOWARD P. FINK, Professor, College of Law, effective October 1, 1979 through September 30, 1980, to serve as a Visiting Professor at George Washington University.

JOHN FRIEDL, Associate Professor, Department of Anthropology, effective October 1, 1979 through March 31, 1980, to accept a postdoctoral fellowship in the Department of Health at the University of Michigan.

GORDON J. AUBRECHT, II, Assistant Professor, Department of Physics (Marion Campus), effective December 1, 1979 through September 30, 1980, to accept an Alexander von Humboldt Fellowship in Germany.

July 20, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

WALTER A. LIEDTKE, Assistant Professor, Department of History of Art, effective October 1, 1979 through September 30, 1980, to accept a Mellon Research Fellowship for continued research into the area of Seventeenth Century Dutch Genre Painting at the Metropolitan Museum of Art in New York City.

TOSHIRO OGAWA, Assistant Professor, Department of Theatre, effective October 1, 1979 through September 30, 1980, to serve as resident lighting designer for the 1979-80 season, American Ballet Theatre in New York City.

PAUL JOSEPH QUIRK, Assistant Professor, Department of Political Science, effective October 1, 1979 through September 30, 1980, to serve as a research associate at the Brookings Institution in Washington, D. C.

RENEE Y. SANDELL, Assistant Professor, Department of Art Education, effective October 1, 1979 through September 30, 1980, to participate in a professional improvement program in Washington, D. C.

JOYCE ANN STORY, Assistant Professor, Department of Slavic Languages and Literatures, effective April 1, 1979 through June 30, 1979, for personal reasons.

E. LINDA FERRIS, Instructor, Cooperative Extension Service, effective July 9, 1979 through August 31, 1979, to complete work for the Master's Degree.

EILEENE WELKER, Instructor, Cooperative Extension Service, effective June 14, 1979 through July 31, 1979, for personal reasons.

Professional Improvement Leaves

ALFRED G. BISHARA, Professor, Department of Civil Engineering, Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

MERTON L. DILLON, Professor, Department of History, Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

JAMES F. ROBESON, Professor, Academic Faculty of Marketing, Winter Quarter 1980 and Spring Quarter 1980.

ROBERT G. TURNBULL, Professor, Department of Philosophy, Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

FREDERIC J. CADORA, Associate Professor, Department of Judaic and Near Eastern Languages and Literatures, Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

July 20, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles

WILLIAM HAMELBERG, Department of Anesthesiology, with the title Professor Emeritus, effective July 1, 1979.

CHARLES B. HICKS, Academic Faculty of Management Sciences, with the title Professor Emeritus, effective August 1, 1979.

ZEPH J. R. HOLLENBECK, Department of Obstetrics and Gynecology, with the title Professor Emeritus, effective July 1, 1979.

WILLIAM GRAYDON MYERS, Department of Radiology, with the title Professor Emeritus, effective September 1, 1979.

IRVING PINE, Department of Psychiatry, with the title Professor Emeritus, effective July 1, 1979.

ROY W. RINGS, Cooperative Extension Service, with the title Professor Emeritus, effective June 1, 1979.

RALSTON RUSSELL, JR., Department of Ceramic Engineering, with the title Professor Emeritus, effective July 1, 1979.

RICHARD C. SNYDER, Academic Faculty of Educational Foundations and Research, with the title Professor Emeritus, effective July 1, 1979.

LORANE C. KRUSE, School of Nursing, with the title Associate Professor Emeritus, effective July 1, 1979.

ANNE WARMINGTON, University Libraries, with the title Assistant Professor Emeritus, effective July 1, 1979.

Upon motion of Mr. Hilliker, seconded by Mr. Devenow, 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. 80-6

Synopsis: The report on contracts, grants and gifts and the summaries for May and June 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

July 20, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

WHEREAS such gifts and grants are received through the Office of Business and Administration of the University, 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 Office of Business and Administration, the Engineering Experiment Station and The Ohio State University Development Fund during the months of May and June, 1979, be approved.

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

SUMMARY FOR MAY 1979

Source	No. of Projects	Support Level
Office of Business and Administration	2	\$ 47,989.00
The Ohio State University Research Foundation	85	4,773,387.19
Engineering Experiment Station	3	219,653.00
		\$5,041,029.19
	April 1979	
The Ohio State University Development Fund	7,129 Donors	\$1,635,661.26
Establishment of Named Fund		
The Ohio State University Women's Club Scholarship Fund (Undergraduate scholarships)		\$ 14,065.00

July 20, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

Report from Presidents Club

Members to date	3,103
1979: year to date	260
New members - May 1979	47

New Presidents Club Members - May 1979

John Baird
Bob J. Baker
Dierdre O. Bersnak (Mrs. Richard P.)
Anthony E. Billett
Thom D. Black
Lowell H. Body
John O. Boyle
Lauren M. Brown
Gary A. Clapham
Dennis E. Conard
Donald B. Curley
Frank P. Dapore
Richard E. Dick, Jr.
J. Frederick Doyle
Lizbeth Ecke
Fred W. Emley
Wallace E. Erickson
Bradley N. Frick
Carl B. Fry
Donald W. Games
Richard D. Gilson
Marvin G. Gutter
Frances K. Harding
W. Joseph Harper

Ronald G. Heiber
Bernie A. McConnell
Victor Lucas
Joseph F. McDonough, Sr.
Wilbur H. Mechwart
Jerry R. Mendell
JoAnn Merkle
William A. Miller
William R. Morrow
John W. Reese
Larry R. Ritter
Frederick W. Schweizer III
Norman W. Shibley
John C. Snyder
Ted H. Steilen
Michael R. Sussman
Robert W. Teater
Howard Teifke
John W. Thomas
Earl Wagoner
Richard C. Waller, Jr.
Mark S. Young
Donald E. Zehr

July 20, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR JUNE 1979

Source	No. of Projects	Support Level
Office of Business and Administration	2	\$ 51,330.00
The Ohio State University Research Foundation	129	4,809,810.01
Engineering Experiment Station	4	151,445.00
		\$5,012,585.01

Establishment of Named Funds

The Gilbert and Kathryn Mitchell Fund (College of Medicine)	\$ 195,985.20
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Harold P. Fawcett Fund (Undergraduate or graduate students in mathematics education)	3,984.00
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Report from Presidents Club

Members to date	3,123
1979: year to date	280
New members - June 1979	20

New Presidents Club Members - June 1979

Richard M. Bassett
A. Gary Bitonte
Charles L. Boggs
Wade L. Estep
David W. Hall
Donald L. Katz
Jeffrey L. Kearfott
Kana C. King
Delbert M. Lothes
Jeffrey A. Paine

Lewis J. Paquet
Robert L. Perkins, Jr.
James M. Salamon
H. E. Schmidt III
Marva R. Schultz
William J. Shondel
Larry E. Thomas
Bryce Weiker
J. Bruce Wenger
Raymond L. Wilson

July 20, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

FOURTH QUARTER SUMMARY

April 1, 1979 through June 30, 1979

OFFICE OF BUSINESS AND ADMINISTRATION

Sponsor	No. of Projects	Level of Support
FEDERAL	1	\$ 5,000.00
STATE OF OHIO	3	94,319.00
TOTALS	4	\$99,319.00

July 20, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

FOURTH QUARTER SUMMARY

April 1, 1979 through June 30, 1979

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Source	No. of Projects	Support Level
FEDERAL		
Department of Energy	5	\$ 695,333.00
National Aeronautics and Space Administration	9	311,871.00
National Science Foundation	42	1,646,411.00
Department of Defense	21	1,019,491.00
Department of Health, Education and Welfare	69	4,620,282.83
Other Federal	18	1,540,610.00
TOTAL - FEDERAL	164	\$ 9,833,998.83
STATE OF OHIO	18	\$ 593,950.01
INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL SPONSORS	85	\$ 1,609,722.36
GRANT TOTAL	267	\$12,037,671.20

July 20, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

FOURTH QUARTER SUMMARY

April 1, 1979 through June 30, 1979

ENGINEERING EXPERIMENT STATION

Source	No. of Projects	Support Level
STATE OF OHIO	5	\$175,091.00
INDUSTRIAL AND OTHERS	102	401,375.00
TOTALS	107	576,466.00

July 20, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Research Contract/Grant

\$5,000.00 - U. S. Department of the Interior, Fish and Wildlife Service, Division of Contracting and General Services, Washington, D. C., Bioenergetics of Large Winter-Roosting Populations of Blackbirds and Starlings, School of Natural Resources, November 1, 1978 through June 30, 1979. (Contract No. 14-16-0008-2112, Modification No. 2)

State of Ohio Research Contract/Grant

\$42,989.00 - State of Ohio, Department of Natural Resources, Columbus, Ohio, Youth Conservation Corps, School of Natural Resources, June 15, 1979 through September 30, 1979. (Grant No. 39-08)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$900,000.00 - Department of Labor, Manpower Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Academic Faculty of Labor and Human Resources (H. S. Parnes and M. E. Borus), 1 October 1979 through 30 September 1980. (Project 760081 - Continuation)

\$840,079.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Community Health Services, Rockville, Maryland, Mental Retardation Training, Nisonger Center for Mental Retardation (C. E. Martin), 1 July 1979 through 30 June 1980. (Project 761169 - Continuation)

\$140,000.00 - Environmental Protection Agency, Washington, D. C., Kinetic Study of Simulated Atmospheres Containing Common Sulfur, Nitrogen and Carbon Pollutants, Department of Chemistry (J. G. Calvert), 1 March 1979 through 29 February 1980. (Project 761545 - Continuation)

\$133,378.00 - Environmental Protection Agency, Region V, Chicago, Illinois, Lake Erie Nearshore Surveillance Program (Western Basin), Center for Lake Erie Area Research (C. E. Herdendorf), 1 April 1979 through 31 December 1979. (Project 761093 - Continuation)

\$127,800.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Development of an Assay for Genetic Damage to Mammary Gland Cells, Department of Radiology (R. W. Hart) and Departments of Radiology and Pharmacology (S. D'Ambrosio and F. B. Daniel), 1 September 1979 through 31 August 1980. (Project 761268 - Continuation)

July 20, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$125,000.00 - National Science Foundation, Washington, D. C., Nuclear Physics Research at Low and Intermediate Energies, Department of Physics (H. J. Hausman, S. L. Blatt and T. R. Donoghue), 15 May 1979 through 31 October 1980. (Project 761653 - Continuation)

\$120,000.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Extension and Expansion of Epitaxial Magnetic Film Evaluation Techniques, Department of Physics (P. E. Wigen) and Department of Electrical Engineering (M. O. Thurston), 1 October 1978 through 30 September 1979. (Project 764596 - Continuation)

\$102,291.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Unsaturated Polyolefins and Hydrocarbon Carcinogenesis, Department of Chemistry (L. A. Paquette), 1 June 1979 through 31 May 1980. (Project 763284 - Continuation)

\$102,158.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Study of the Pharmacokinetics of Anticancer Drugs, College of Pharmacy (L. Malspeis), 1 May 1979 through 30 April 1980. (Project 761128 - Continuation)

\$94,911.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Joint Services Electronics Program (Statistical Data Gathering, Processing and Analysis of Moving Tactical Ground Targets), ElectroScience Laboratory, Department of Electrical Engineering (C. H. Walter, E. K. Walton and A. A. Ksienski), 1 May 1979 through 30 September 1979. (Project 760914 - Continuation)

\$88,500.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, Fundamental Studies of High Temperature Corrosion Reactions, Department of Metallurgical Engineering (R. A. Rapp), 1 May 1979 through 30 April 1980. (Project 761619 - Continuation)

\$84,931.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Polycondensed Alicyclics and Their Antiviral Role, Department of Chemistry (L. A. Paquette), 1 May 1979 through 30 April 1980. (Project 763920 - Continuation)

July 20, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$75,021.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Expression of Epstein-Barr Virus in Hybrid Cells, Department of Medical Microbiology (R. Glaser), 1 April 1979 through 31 March 1980. (Project 761077 - Continuation)

\$68,532.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Interdisciplinary Research Project on Sliding Wear, Department of Metallurgical Engineering (D. A. Rigney), 10 June 1979 through 9 June 1980. (Project 761143 - Continuation)

\$68,433.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Oxalic Acid Metabolism and Primary Hyperoxaluria, Department of Physiological Chemistry (K. E. Richardson), 1 June 1979 through 31 May 1980. (Project 762720 - Continuation)

\$65,000.00 - Department of the Air Force, Air Force Office of Scientific Research, Washington, D. C., Theoretical Foundations of Software Technology, Department of Computer and Information Science (B. Chandrasekaran, L. J. White, and H. W. Buttelmann), 1 July 1979 through 30 June 1980. (Project 761640 - Continuation)

\$63,186.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Mechanism of Fiber Release During the Prolysis of Carbon Fiber Reinforced Plastics, Department of Chemical Engineering (E. E. Smith), 1 December 1979 through 30 November 1981. (Project 761445 - Continuation)

\$59,628.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Post-Transcriptional Control in Eukaryotic Cells, Department of Physiological Chemistry (T. E. Webb), 1 April 1979 through 31 March 1980. (Project 760063 - Continuation)

\$58,077.00 - Department of Energy, Morgantown Energy Technology Center, Morgantown, West Virginia, Hydraulic Fracture and Associated Stress Modeling for the Eastern Gas Shales Program, Department of Engineering Mechanics (S. H. Advani), 1 April 1979 through 31 March 1980. (Project 761620 - New)

\$50,000.00 - Defense Civil Preparedness Agency, Washington, D. C., Studies of Disaster Evacuation Behavior and Problems, Department of Sociology (E. L. Quarantelli), 1 June 1979 through 31 July 1980. (Project 761643 - New)

July 20, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$49,696.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Rotor Flow Field Research in Low Speed Helicopter Flight, Department of Mechanical Engineering (H. R. Velkoff), 1 June 1979 through 31 May 1980. (Project 761646 - Continuation)

\$49,335.00 - National Science Foundation, Washington, D. C., Heat Transfer in Firn and Ice, Department of Mathematics (R. E. Ewing), 1 May 1979 through 30 April 1981. (Project 761626 - New)

\$49,150.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Electrically Small Antennas, ElectroScience Laboratory, Department of Electrical Engineering (J. H. Richmond and C. H. Walter), 1 May 1979 through 30 April 1980. (Project 761622 - New)

\$45,564.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute on Alcohol Abuse and Alcoholism, Rockville, Maryland, Effect of Ethanol on Small Intestinal Function, Department of Medicine (H. S. Mekhjian), 1 June 1979 through 31 May 1980. (Project 760543 - Continuation)

\$45,000.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Thermally Controlled Boundary Layer Technology, Department of Aeronautical and Astronautical Engineering (J. D. Lee), 1 May 1979 through 30 September 1979. (Project 761635 - New)

\$45,000.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Seminar-Workshop on Writing for Funding and Publication, Academic Faculty of Special Services (R. J. Silverman), 1 May 1979 through 30 April 1980. (Project 761625 - New)

\$41,632.00 - National Science Foundation, Washington, D. C., Analysis of Archaeological Material from Tal-e Maylan, Department of Anthropology (W. M. Sumner), 1 June 1979 through 31 May 1980. (Project 761645 - New)

\$40,000.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Applications of a Kinesthetic-Tactual Display for Aircraft Control, Department of Aviation (R. D. Gilson) and Department of Psychology (H. G. Shulman), 16 May 1979 through 15 January 1980. (Project 761642 - New)

July 20, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$39,786.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Phytochemistry of the Genus *Thalictrum*, College of Pharmacy (J. L. Beal), 1 June 1979 through 31 May 1980. (Project 761497 - Continuation)

\$39,400.00 - National Science Foundation, Washington, D. C., Chemistry and Spectroscopy of High Energy Intermediates, Department of Chemistry (M. S. Platz), 1 June 1979 through 31 May 1980. (Project 761654 - New)

\$38,615.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Diabetes-Vitamin E-Vascular Degeneration, Department of Physiological Chemistry (R. V. Panganamala), 1 May 1979 through 30 April 1980. (Project 761628 - New)

\$36,610.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis of Anthracycline Antitumor Agents, Department of Chemistry (J. S. Swenton), 1 February 1979 through 31 January 1980. (Project 761021 - Continuation)

\$35,683.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Effects of Dietary Change on Phospholipid Metabolism, Department of Physiological Chemistry (H. W. Sprecher), 1 May 1979 through 30 April 1980. (Project 764415 - Continuation)

\$33,000.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Course Development in Undergraduate International Studies of Education, Department of Political Science (J. E. Harf), 1 July 1979 through 30 June 1980. (Project 760748 - Continuation)

\$27,200.00 - National Science Foundation, Washington, D. C., Environmental History of Toolik Lake and Toolik Drainage, A Component of Project ALPS (Arctic Lake Process Studies), Institute of Polar Studies and Department of Zoology (P. A. Colinvaux), 1 May 1979 through 30 April 1980 (Project 761102 - Continuation)

\$25,240.00 - Environmental Protection Agency, Washington, D. C., Information Collection, Analysis and Dissemination, Academic Faculty of Science and Mathematics Education (R. W. Howe), 19 March 1979 through 30 September 1979. (Project 760919 - Continuation)

July 20, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$24,989.00 - National Science Foundation, Washington, D. C., Late Cretaceous and Early Tertiary Biogeography of the Southern Circum-Pacific, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot) and Institute of Polar Studies (W. J. Zinsmeister), 1 July 1979 through 30 June 1980. (Project 761149 - Continuation)

\$23,400.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Domestic Mining and Mineral and Mineral Fuel Conservation Fellowships, Department of Civil Engineering (C. Konya), 1 September 1979 through 31 August 1980. (Project 761644 - Continuation)

\$19,981.00 - Department of the Navy, Naval Underwater Systems Center, New London Laboratory, New London, Connecticut, Normal Mode Analysis of a Layered Elastic Obstacle Immersed in Water, Department of Engineering Mechanics (V. K. Varadan and V. V. Varadan), 15 May 1979 through 14 May 1980. (Project 761631 - New)

\$19,616.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Calculator Information Center, Academic Faculty of Science and Mathematics Education (M. N. Suydam), 15 February 1979 through 30 June 1979. (Project 761589 - Continuation)

\$17,500.00 - National Science Foundation, Washington, D. C., Study on Algebraic Combinatorics, Department of Mathematics (E. Bannai), 1 July 1979 through 30 June 1981. (Project 761630 - New)

\$16,220.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Studies on the Epstein-Barr Virus and Its Association with Nasopharyngeal Carcinoma, Department of Medical Microbiology (R. Glaser), 1 April 1979 through 31 March 1980. (Project 761081 - Continuation)

\$15,000.00 - Department of State, Agency for International Development, Washington, D. C., The International Conference on Research on Malaria and Babesiosis, Department of Microbiology (J. P. Kreier), 9 March 1979 through 3 May 1979. (Project 761571 - New)

\$13,137.00 - National Science Foundation, Washington, D. C., Development of Competitive Politics in Spain, Department of Political Science (G. Shabad, K. Andersen, R. Gunther and G. A. Sani), 8 May 1979 through 29 February 1980. (Project 760836 - Continuation)

July 20, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$10,887.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, In Search of a Theoretical Foundation for Quantitative Ultrasonic Measurement of Fracture Toughness, Department of Engineering Mechanics (L-S. Fu), 7 May 1979 through 6 September 1979. (Project 761641 - New)

\$10,825.00 - Department of the Army, Army Corps of Engineers, Buffalo, New York, Aerial Video Tape Survey of Selected Portions of Lake Erie and Lake Ontario, Department of Civil Engineering (K. W. Bedford), 19 April 1979 through 30 April 1979. (Project 761603 - New)

\$10,000.00 - Department of Justice, National Institute of Corrections, Washington, D. C., Train the Trainer for the Florida Department of Offender Rehabilitation, National Center for Research in Vocational Education (R. E. Taylor), 15 May 1979 through 15 August 1979. (Project 761651 - New)

\$9,894.00 - Department of Energy, Solar Energy Research Institute, Golden, Colorado, Efficiency of Photoelectrochemical Cells, Department of Biochemistry (R. T. Ross), 15 April 1979 through 31 October 1979. (Project 761639 - New)

\$7,982.00 - Department of the Interior, Fish and Wildlife Service, Washington, D. C., Population Density and Habitat Selection by Breeding Yellow Rails at Seney National Wildlife Refuge, Michigan, Department of Zoology (T. A. Bookhout), 27 March 1979 through 30 June 1981. (Project 761561 - New)

\$7,700.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Binary Systems and Composite Sources Involving Cool and Hot Components, Department of Astronomy (R. F. Wing), 1 June 1979 through 31 May 1980. (Project 761634 - New)

\$5,712.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Attention and Preparation in Rapid Performance, Department of Psychology (A. G. Greenwald), 1 December 1978 through 30 November 1979. (Project 761466 - Continuation)

\$5,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Propeller Aeroacoustic Methodologies - Comparisons of Propeller Performance and Acoustic Analyses with Wind Tunnel and Flight Test Measurements, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and K. D. Korkan), 1 May 1979 through 14 January 1980. (Project 761510 - Continuation)

July 20, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$4,526.00 - Department of the Army, Army Natick Research and Development Command, Natick, Massachusetts, Screen Prospective TCM Replacement for Amoebicidal Properties, Department of Civil Engineering (O. Sproul and A. J. Rubin), 25 October 1978 through 25 October 1979. (Project 760946 - Continuation)

\$3,902.83 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Calculator Information Center, Academic Faculty of Science and Mathematics Education (M. N. Suydam), 1 January 1979 through 14 February 1979. (Project 761588 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$4,234,107.83**

State of Ohio Research Contracts/Grants

\$83,667.00 - Ohio Department of Transportation, Columbus, Ohio, Biological Studies for Two Highway Projects in Northeastern Ohio, Center for Lake Erie Area Research (C. E. Herdendorf), 27 April 1979 through 31 March 1980. (Project 761636 - New)

\$64,500.00 - Ohio Department of Administrative Services, Columbus, Ohio, The Ohio Public Executives Program, Columbus, Ohio, Division of Continuing Education, College of Administrative Science (J. P. Stanley), 1 May 1979 through 30 April 1980. (Project 761610 - Continuation)

\$50,000.00 - Ohio Board of Regents, Columbus, Ohio, The Ohio Public Executives Program, Division of Continuing Education, College of Administrative Science (J. P. Stanley), 1 May 1979 through 30 April 1980. (Project 761609 - Continuation)

\$34,000.00 - The Ohio Public Executives Program, Columbus, Ohio, The Ohio Public Executives Program, Division of Continuing Education, College of Administrative Science (J. P. Stanley), 1 May 1979 through 30 April 1980. (Project 761611 - Continuation)

\$32,300.00 - Ohio Board of Regents, Columbus, Ohio, Development and Testing of an Educational Program on Energy Audit and Management for Small Business in Ohio, Program for Energy, Research, Education, and Public Service, Graduate School (R. E. Bailey), 15 May 1979 through 15 May 1980. (Project 761629 - New)

July 20, 1979 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)

\$25,000.00 - State of Ohio Department of Education, Columbus, Ohio, Multi-factored Educational Assessment of Severely and Profoundly Retarded Children/Hearing Impaired Children/and Visually Handicapped Children, Academic Faculty of Exceptional Children (J. L. Collins), 1 February 1979 through 30 June 1979. (Project 761232 - Continuation)

\$23,057.00 - Ohio Department of Energy, Columbus, Ohio, Technical Assistance for Energy Conservation Projects in Eight Ohio Municipalities, Program for Energy Research, Education, and Public Service, Graduate School (W. B. Moreland), 9 May 1979 through 31 August 1979. (Project 761632 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$ 312,524.00

Industrial, Private and Other Non-Federal Research Contracts/Grants

\$24,950.00 - The Rockefeller Foundation, New York, New York, Accelerated Farm Mechanization and Rural Population Change in the People's Republic of China, Department of Sociology (H. Y. Tien), 15 June 1979 through 14 March 1980. (Project 761649 - New)

\$22,000.00 - American Heart Association, Dallas, Texas, CO Distribution of Sub-Lethal Levels in the Heart, Department of Physiological Chemistry (J. O. Alben), 1 July 1979 through 30 June 1980. (Project 761115 - Continuation)

\$20,000.00 - Metropolitan Human Services Commission, Columbus, Ohio, The Assessment of Human Services Needs in Franklin County, Ohio, College of Social Work (R. O. Washington and K. Kilty), 1 March 1979 through 30 June 1979. (Project 761627 - New)

\$18,150.00 - American Heart Association, Dallas, Texas, Central Neuronal Control of Peripheral Circulation, Department of Physiology (J. A. Boulant), 1 September 1979 through 31 August 1980. (Project 761185 - Continuation)

\$15,500.00 - McCauley Accessory Division, The Cessna Aircraft Company, Vandalia, Ohio, General Aviation Propeller (GAP) Program Aerodynamic Analyses, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and K. Korkan), 1 February 1979 through 30 April 1979. (Project 761533 - New)

\$13,500.00 - Damon Runyon-Walter Winchell Cancer Fund, New York, New York, Short, Efficient and Stereoselective Synthesis of the First Members of the Dolastane Class, Department of Chemistry (L. A. Paquette), 1 April 1979 through 31 March 1980. (Project 761624 - New)

July 20, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$13,392.00 - Merrell National Laboratory, Cincinnati, Ohio, A Comparative Study of CEPASTAT Mouthwash as a Gargle and a Spray vs. a Saline Gargle, University Health Service, Office of Student Services (H. S. Turner, W. R. Garner, and E. R. Hatcher), 23 April 1979 through 22 June 1979. (Project 761623 - New)

\$13,200.00 - American Heart Association, Dallas, Texas, Hemodynamic Testing of Prosthetic Heart Valves, Department of Surgery (J. F. Cornhill), 1 July 1979 through 30 June 1980. (Project 761116 - Continuation)

\$12,000.00 - The Arthritis Foundation, Central Ohio Chapter, Columbus, Ohio, Immunoregulation and Autoimmunity, Department of Medicine (R. L. Whisler), 1 April 1979 through 31 March 1980. (Project 760620 - Continuation)

\$10,000.00 - The United States Trotting Association, Columbus, Ohio, Equine Viral Rhinopneumonitis: Reinfection, Immunity, and Pathogenesis, Department of Veterinary Clinical Sciences (P. W. Murdick), 1 April 1979 through 31 March 1980. (Project 760159 - Continuation)

\$9,680.00 - World Health Organization, Human Reproduction Unit, Geneva, Switzerland, Antifertility Effects of Active Immunizations of Female Baboons with LDH-X, Department of Obstetrics and Gynecology (V. C. Stevens), 12 April 1979 through 11 April 1980. (Project 761615 - New)

\$9,515.00 - World Health Organization, Human Reproduction Unit, Geneva, Switzerland, Evaluation of Active Immunizations of Female Baboons with Trophoblast Membrane Antigens as an Antifertility Method, Department of Obstetrics and Gynecology (V. C. Stevens), 12 April 1979 through 11 April 1980. (Project 761616 - New)

\$9,277.50 - Franklin County Mental Health and Retardation Board, Columbus, Ohio, Community Worker Project, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 April 1979 through 30 September 1979. (Project 761367 - Continuation)

\$8,975.00 - World Health Organization, Human Reproduction Unit, Geneva, Switzerland, Studies on Antifertility Effects of Immunizations with Placental Antigens, Department of Obstetrics and Gynecology (V. C. Stevens), 12 April 1979 through 11 April 1980. (Project 761614 - New)

July 20, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$5,000.00 - The Asia Society, Inc., New York, New York, "Outreach" Program of Information Diffusion, Speaker Series, Film Series and Other School-Community-Oriented Activities Relating to China, Center for International Studies (D. M. Lampton) and Department of Political Science (B. Richardson), 1 April 1979 through 31 March 1980. (Project 761026 - Continuation)

\$4,425.00 - Martha Holden Jennings Foundation, Cleveland, Ohio, School and Community Outreach on Asia: 1979, Department of Political Science (B. Richardson), 23 March 1979 through 31 December 1979. (Project 761638 - New)

\$3,700.00 - McCauley Accessory Division, The Cessna Aircraft Company, Vandalia, Ohio, General Aviation Propeller (GAP) Program Aerodynamic Analyses, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and K. Korkan), 1 April 1979 through 31 May 1979. (Project 761621 - Continuation)

\$3,190.00 - The General Electric Foundation, Bridgeport, Connecticut, Career Development: Educators in Industry, Academic Faculty of Special Services (J. V. Wigtill), 1 March 1979 through 30 June 1979. (Project 761604 - New)

\$3,000.00 - University of Illinois, Champaign, Illinois, Ohio River Basin Energy Study - Phase II, Department of City and Regional Planning (S. I. Gordon), 1 June 1979 through 31 October 1979. (Project 761633 - New)

\$2,181.00 - University of Illinois, Champaign, Illinois, Corrosion Workshop, Department of Metallurgical Engineering (R. A. Rapp), 1 April 1979 through 31 March 1980. (Project 761613 - New)

\$2,000.00 - Women's Action Collective, Inc., Columbus, Ohio, Research Coordination for Rape Prevention, Department of Philosophy (R. G. Turnbull), 1 September 1976 through 31 August 1979. (Project 760643 - Continuation)

\$1,700.00 - Yale University, School of Medicine, New Haven, Connecticut, Collaborate in a Double Blind, Randomized Study of the Efficacy of Methylprednisolone in Treating Acute Spinal Cord Trauma at the National Spinal Cord Injury Centers, Department of Surgery (W. E. Hunt), 1 February 1979 through 31 January 1980. (Project 761647 - New)

\$861.00 - College of the Mainland, Texas City, Texas, Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 1 August 1978 through 31 August 1978. (Project 768003 - New)

July 20, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$558.86 - Steel Founders' Society of America, Rocky River, Ohio, Corrosion Resistance of Stainless Steel and Nickel-Base Alloys, Department of Metallurgical Engineering (F. H. Beck), 1 March 1978 through 31 December 1978. (Project 761006 - Continuation)

TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS **\$226,755.36**

ENGINEERING EXPERIMENT STATION

State of Ohio Supported Research and Development

\$48,588.00 - Ohio Department of Transportation, Columbus, Ohio, for "Evaluation of Sulphur - Asphalt Paving Mixtures in Ohio: A Laboratory and Field Investigation," Department of Civil Engineering, May 1, 1979 through April 30, 1980. (EES 590/529070)

\$11,065.00 - Ohio Department of Mental Health and Mental Retardation, Columbus, Ohio, for "The Production of Fourteen Public Service Announcements," Department of Photography and Cinema, April 25, 1979 through June 30, 1979. (6642/312584)

TOTAL - STATE OF OHIO SUPPORTED RESEARCH AND DEVELOPMENT **\$59,653.00**

Industrial and Other Supported Research and Development

\$160,000.00 - Davis-Besse Nuclear Power Station, Oak Harbor, Ohio, for "Development of a Training Course for DBNPS Instrument and Control Technicians," Nuclear Reactor Laboratory, April 1, 1979 through January 31, 1980. (6651/312586)

Sponsored Development Projects

\$22,347 from various sponsors for 24 development projects.

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$81,716.82 - Trust under the Will of Enid H. Seely, Clearwater, Florida, for the Howard Francis Seely Memorial Scholarship Fund.

July 20, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$55,000.00 - Estate of Elizabeth F. Wening, Fort Lauderdale, Florida, for The Herman E. and Elizabeth F. Wening Memorial Scholarship Fund.

\$50,000.00 - Structural Dynamics Research Corporation, Milford, Ohio, for the Alliance with Industry.

\$35,000.00 - The Bremer Foundation, Youngstown, Ohio, for the Bremer Foundation Fund.

\$25,000.00 - Charities Foundation, Toledo, Ohio, for the Owens-Illinois Professorship in International Business.

\$23,695.82 - Systems Associates, Columbus, Ohio: \$15,434.67 for Department of Medicine General Fund and \$8,261.15 for Cardiology Support Fund.

\$20,000.00 - The Samuel Mendel Melton Foundation, Columbus, Ohio, for Curriculum Development Workshop.

\$18,750.00 - Trust under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund.

\$18,000.00 - The Merck Company Foundation, Rahway, New Jersey: \$10,000.00 for Merck Grant for Faculty Development and \$8,000.00 for Merck Faculty and Student Development Account.

\$15,513.00 - Retinal Consultants, Inc., Columbus, Ohio, for Retina Research Fund.

\$14,317.00 - Sisa Incorporated, Cambridge, Massachusetts, for Clinical Pharmacology Fund.

\$13,500.00 - Grange Mutual Casualty Company, Columbus, Ohio, for WOSU Support Fund.

\$13,190.21 - Battelle Fund of the Columbus Foundation, Columbus, Ohio, for Friends of WOSU.

\$12,000.00 - Mid Ohio Automotive, Inc., Nationwide Auto Parts, Columbus, Ohio, (given in the name of Louis Levy), for the Student Athlete Grant-in-Aid Fund.

\$11,040.00 - Nationwide Mutual Insurance Company, Columbus, Ohio: \$6,040.00 for WOSU Support Fund and \$5,000.00 for the C. William O'Neill Professorship of Law Fund.

July 20, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$10,000.00 - Arthur Anderson & Co. Foundation, Chicago, Illinois, for the Accounting Hall of Fame Fund.

\$10,000.00 - Harlan O. Davis Estate, Columbus, Ohio: \$5,000.00 for the John W. Galbreath Chair in Real Estate and \$5,000.00 for the Judson D. Wilson Professorship in Orthopedic Surgery.

\$10,000.00 - E. I. duPont de Nemours & Company, Wilmington, Delaware, for the duPont Young Faculty Grants.

\$10,000.00 - George F. Louis Foundation, Middle Bass, Ohio, for the George F. Lonz Foundation for Enology & Viticulture.

\$9,700.00 - Institute Straumann, Waldenburg, Switzerland, for the Dean's Education and Research Fund in Veterinary Medicine.

\$9,276.00 - John S. Vasko, M. D., Columbus, Ohio, for the Thoracic Surgery Support Fund.

\$8,901.71 - University Eye Surgeons, Inc., Columbus, Ohio, (given in the name of Richard H. Keates, M. D.), for the Eye Bank Fund.

\$7,500.00 - The Huntington National Bank of Columbus, Ohio, for the Student-Athlete Grant-in-Aid Fund.

\$7,000.00 - Jeffrey Manufacturing Division, Worthington, Ohio, for the Student Athlete Grant-in-Aid Fund.

\$6,500.00 - OSU Orthodontic Alumni Foundation, Columbus, Ohio, for the Orthodontia Library Fund.

\$6,000.00 - The Duriron Company, Inc., Dayton, Ohio, for the Duriron Company Metallurgical Engineering Scholarship Fund.

\$5,500.00 - Ohio Nurserymen's Association, Columbus, Ohio, for the Nursery Container Research Fund.

\$5,251.00 - Charles V. Meckstroth, M. D., Columbus, Ohio, (given in the name of Nancy Meckstroth Kaufman), for the Thoracic Surgery Support Fund.

\$5,000.00 - Cleveland Institute of Electronics, Cleveland, Ohio, for the C. William O'Neill Professorship of Law Fund.

July 20, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$5,000.00 - Mr. and Mrs. Edward C. Haaf, Canal Winchester, Ohio, for the Presidents Club Special Fund.

\$5,000.00 - Norden Laboratories, Lincoln, Nebraska, for the Veterinary Pathobiology Graduate Training Fund.

\$5,000.00 - Ohio Turfgrass Foundation, Columbus, Ohio, for the GCSAA Research Fund.

\$5,000.00 - Norman W. Shibley, Lakewood, Ohio, for the College of Law Advancement Fund.

\$5,000.00 - Universite de Montreal, Montreal, P. Q. Canada, for the Veterinary Pathobiology Graduate Teaching Fund.

Gifts-in-Kind

\$54,275.00 - Nicolet Scientific Corporation, Northvale, New Jersey, engineering equipment for the Department of Mechanical Engineering.

\$27,479.00 - Magnatech, East Granby, Connecticut, equipment and service for the Department of Welding Engineering.

\$13,099.00 - Mr. Jack Howell, Lancaster, Ohio, three standardbred mares for the College of Agriculture and Home Economics.

\$12,000.00 - Mr. Fred Johnson, Summitville, Ohio, eight Angus cows for the College of Agriculture and Home Economics.

Establishment of Named Fund

The Ohio State University Women's Club Scholarship Fund

The Ohio State University Women's Club Scholarship Fund was established July 20, 1979 by the Board of Trustees of The Ohio State University with gifts to the Development Fund from the University Women's Club.

All gifts are to be invested in the University's Permanent Endowment Fund, under the 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 scholarships for students selected by the University Scholarship Committee.

July 20, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION

State of Ohio Research Contracts/Grants

\$36,000.00 - State of Ohio, Department of Natural Resources, Columbus, Ohio, Environmental Evaluation of a Nuclear Power Plant on Lake Erie, College of Biological Sciences, Center for Lake Erie Research, July 1, 1979 through June 30, 1980. (Project Number F-41-R-11)

\$15,330.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Technical Workshops in Vocational Education in Agriculture, College of Agriculture and Home Economics, Department of Agricultural Education, July 1, 1979 through June 30, 1980.

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS **\$51,330.00**

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$163,606.00 - Department of Health, Education, and Welfare, Office of Human Development, Region V, Office of Rehabilitation Services, Chicago, Illinois, Traineeships in Rehabilitation Medicine, Department of Physical Medicine (E. W. Johnson), 1 July 1979 through 30 June 1980. (Project 760750 - Continuation)

\$112,641.00 - Department of Health, Education, and Welfare, Bureau of Education for the Handicapped, Washington, D. C., Early Infant Intervention Through Parent Interaction, Nisonger Center for Mental Retardation (M. F. Chase), 1 July 1979 through 30 June 1980. (Project 760763 - Continuation)

\$106,148.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, A Model of Para-infectious Demyelinating Encephalitis, Department of Veterinary Pathobiology (A. Koestner), 1 May 1979 through 30 April 1980. (Project 762797 - Continuation)

\$103,227.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Radiation Enhancement in Nervous System Tumor Models, Department of Medicine (J. N. Allen) and Department of Veterinary Pathobiology (A. Koestner), 1 September 1979 through 31 August 1980. (Project 764576 - 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)

\$100,917.00 - Air Force Office of Scientific Research, Washington, D. C., In Vitro Chemical Carcinogenesis and Co-Carcinogenesis in Human Cells Initiated by Hydrazine and Polynuclear Components of Jet Fuel, Department of Veterinary Pathobiology (G. E. Milo and J. R. Blakeslee), 1 July 1979 through 30 June 1980. (Project 760702 - Continuation)

\$100,478.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Biomimetic Metal Complexes of Macrocyclic Ligands, Department of Chemistry (D. H. Busch), 1 July 1979 through 30 June 1980. (Project 761501 - Continuation)

\$100,000.00 - Department of Justice, National Institute of Corrections, Washington, D. C., Training Managers of Agency-Based Training Programs, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1979 through 30 June 1980. (Project 761723 - New)

\$94,996.00 - National Science Foundation, Washington, D. C., Risk Methodologies in Geotechnical Design of Offshore Structures, Department of Civil Engineering (T. H. Wu), 1 June 1979 through 31 October 1981. (Project 761695 - New)

\$92,700.00 - National Science Foundation, Washington, D. C., Environment and Climate at the American Equator Since Last Glacial Maximum, Institute of Polar Studies and Department of Zoology (P. A. Colinvaux), 1 July 1979 through 30 June 1981. (Project 761709 - New)

\$90,811.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Pathogenesis in Preleukemic Aplastic Anemia, Department of Veterinary Pathobiology (E. A. Hoover), 1 July 1979 through 31 December 1980. (Project 761704 - New)

\$86,000.00 - National Science Foundation, Washington, D. C., The Role of Hypoxia in Neurogenesis, Department of Physiology (B. T. Stokes), 15 June 1979 through 30 June 1981. (Project 761698 - New)

\$83,264.00 - Department of Energy, Argonne, Illinois, Electrical Transport and Optical Properties of Random Small Particle Composites, Department of Physics (J. C. Garland and D. B. Tanner), 1 July 1979 through 30 June 1980. (Project 761098 - 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)

\$80,560.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Studies on In Vivo Growth of Staphylococci, Department of Medical Microbiology (F. A. Kapral), 1 June 1979 through 31 May 1980. (Project 762330 - Continuation)

\$75,000.00 - National Science Foundation, Washington, D. C., A Program of Research Using Low and Medium Energy Physics Facilities, Department of Physics (R. N. Boyd), 15 April 1979 through 30 April 1980. (Project 761656 - New)

\$69,882.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Medicinal Chemistry, College of Pharmacy (D. T. Witiak), 1 July 1979 through 30 June 1980. (Project 761123 - Continuation)

\$69,713.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Knowledge Interpretation Program 1978: Citizenship Education, Mershon Center for Education in National Security (R. Remy), 1 July 1979 through 30 June 1980. (Project 761371 - Continuation)

\$63,360.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Associated Health Professions, Hyattsville, Maryland, Traineeships, Other Graduate Programs (Formula), School of Allied Medical Professions (G. O. Johnson), 1 July 1979 through 30 June 1980. (Project 761223 - Continuation)

\$62,979.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Clinical Psychology, Department of Psychology (J. D. Nolan), 1 July 1979 through 30 June 1980. (Project 761150 - Continuation)

\$59,692.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Hematology Training Grant, Department of Medicine (S. Balcerzak), 1 July 1979 through 30 June 1980. (Project 761180 - Continuation)

\$55,258.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Biochemical Neuropathology, Department of Medicine (J. N. Allen), 1 July 1979 through 30 June 1980. (Project 760708 - 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)

\$53,923.00 - National Science Foundation, Washington, D. C. Geometry of Banach Spaces, Department of Mathematics (W. B. Johnson), 1 July 1979 through 30 June 1980. (Project 761663 - New)

\$53,096.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Synthesis of Histrioxicotoxin, A Neurotoxic Drug, Department of Chemistry (P. D. Magnus), 1 July 1979 through 30 June 1980. (Project 761702 - New)

\$52,467.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Study of Improved IFF Antennas, ElectroScience Laboratory, Department of Electrical Engineering (B. Munk), 1 January 1979 through 1 October 1979. (Project 761359 - Continuation)

\$52,245.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, The Development of Precerebellar Nuclei, Department of Anatomy (J. S. King), 1 July 1979 through 30 June 1980. (Project 760045 - Continuation)

\$51,811.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Functional Characteristics of Pulmonary Vascular Smooth Muscle, Department of Physiology (H. P. Pieper), 1 July 1979 through 30 June 1980. (Project 761217 - Continuation)

\$50,666.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Molecules of Biological Interest, Department of Chemistry (P. D. Magnus), 1 July 1979 through 30 June 1980. (Project 761184 - Continuation)

\$50,000.00 - National Science Foundation, Washington, D. C., Low Temperature Transport Phenomena in Metals, Department of Physics (J. C. Garland), 1 July 1979 through 30 June 1980. (Project 761192 - Continuation)

\$50,000.00 - National Science Foundation, Washington, D. C., Dynamics, Synthesis and Structure of Carbanionic Substances, Department of Chemistry (G. Fraenkel), 1 July 1979 through 30 June 1980. (Project 760415 - 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)

\$49,999.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, General Aviation Low-Speed Airfoil Design and Development Service, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek), 30 June 1979 through 30 June 1980. (Project 760454 - Continuation)

\$48,700.00 - National Science Foundation, Washington, D. C., Phase Transition in Solid Hydrogen Alloys and Other Disordered Systems, Department of Physics (J. R. Gaines), 1 July 1979 through 30 June 1980. (Project 761211 - Continuation)

\$48,400.00 - Department of the Army, Army Natick Research and Development Command, Natick, Massachusetts, Screen Prospective TCM Replacement for Amoebicidal Properties, Department of Civil Engineering (O. Sproul and A. J. Rubin), 25 October 1979 through 25 October 1980. (Project 760946 - Continuation)

\$45,929.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Role of Axoplasmic Transport in Diabetic Neuropathy, Department of Medicine (J. R. Mendell), 1 July 1979 through 30 June 1980. (Project 761706 - New)

\$44,008.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Iris Pigmentation, Melanins and Ocular Drug Effects, College of Pharmacy (P. N. Patil), 1 June 1979 through 31 May 1980. (Project 764189 - Continuation)

\$40,000.00 - National Science Foundation, Washington, D. C., Modelling, Control, and Simulation of Human Locomotion, Department of Electrical Engineering (H. Hemami), 1 June 1979 through 31 May 1980. (Project 761570 - New)

\$39,984.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Viscous Interaction Effects on Airfoil Performance, Department of Aeronautical and Astronautical Engineering (O. Burggraf), 1 July 1979 through 30 June 1980. (Project 761659 - New)

\$37,496.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Enzyme Immobilization for Conformation Change Detection, Department of Biochemistry (G. P. Royer), 1 July 1979 through 30 June 1980. (Project 760742 - 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)

\$37,225.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Regulation of Dihydrofolate Reductase Gene Expression, Department of Biochemistry (L. F. Johnson), 1 July 1979 through 30 June 1980. (Project 761710 - New)

\$35,960.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Energetics of Ca^{2+} Cycling During Muscle Contraction, Department of Physiology (J. A. Rall), 1 July 1979 through 30 June 1980. (Project 761174 - Continuation)

\$35,440.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, The Neural Control of Temperature Regulation, Department of Physiology (J. A. Boulant), 1 July 1979 through 30 June 1980. (Project 761187 - Continuation)

\$35,000.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Investigation of the Boundary Layer Behavior on Turbine Airfoils, Department of Mechanical Engineering (L. S. Han), 1 June 1979 through 30 September 1979. (Project 761650 - New)

\$34,401.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Pulmonary Academic Award, Department of Medicine (M. Altman), 1 June 1979 through 31 May 1980. (Project 760729 - Continuation)

\$32,762.00 - National Science Foundation, Washington, D. C., The Approximation Theory, Department of Mathematics (W. J. Davis and J. Lindenstrauss), 1 July 1979 through 30 June 1980. (Project 761132 - Continuation)

\$30,000.00 - National Science Foundation, Washington, D. C., Theoretical Studies of Non-Uniform Many-Body Systems, Department of Physics (W. F. Saam and C. A. Ebner), 15 July 1979 through 31 July 1980. (Project 761714 - Continuation)

\$29,900.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Techniques for Optical Power Limiting, ElectroScience Laboratory, Department of Electrical Engineering (J. Meadors), 22 June 1979 through 30 September 1979. (Project 760547 - 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)

\$29,800.00 - National Science Foundation, Washington, D. C., Applications of Organosilicon Chemistry in Synthesis, Department of Chemistry (P. D. Magnus), 1 June 1979 through 31 May 1980. (Project 761162 - Continuation)

\$29,647.00 - Air Force Office of Scientific Research, Washington, D. C., The Electrophysiologic Mechanisms of Halogenated Alkane Arrhythmogenesis, Department of Veterinary Physiology and Pharmacology (S. M. Straugh), 1 July 1979 through 30 June 1980. (Project 761648 - New)

\$26,364.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Research Training, Developmental Psychobiology, Department of Psychology (D. R. Meyer), 1 July 1979 through 30 June 1980. (Project 761182 - Continuation)

\$26,000.00 - National Science Foundation, Washington, D. C., On a Uniform Approach to Low 2-Rank Groups, Department of Mathematics (K. Harada), 1 July 1979 through 30 June 1981. (Project 760678 - Continuation)

\$25,000.00 - National Science Foundation, Washington, D. C., Information Dissemination for Science Information, Academic Faculty of Science and Mathematics Education (B. S. Thomson), 15 June 1979 through 31 October 1980. (Project 761719 - New)

\$25,000.00 - National Science Foundation, Washington, D. C., Palymology and Paleobotany of Mesozoic Rocks of the Antarctic Peninsula Area and Southern South America, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot), Institute of Polar Studies (R. A. Askin), 1 June 1979 through 31 May 1980. (Project 761693 - New)

\$24,342.00 - National Science Foundation, Washington, D. C., Geology and Paleomagnetism of Mesozoic Rocks, Northern Antarctic Peninsula, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot), Institute of Polar Studies (R. A. Askin), 1 June 1979 through 31 May 1980. (Project 761682 - Continuation)

\$23,500.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Medical Technology - Teacher Preparation (M.S.), School of Allied Medical Professions (D. C. Broski), 1 July 1979 through 30 June 1980. (Project 761228 - 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)

\$23,400.00 - National Science Foundation, Washington, D. C., A Novel Approach to the Regiospecific Construction of Anthracycline Ring Systems. Versatile Synthons for Benzoquinone and Naphthoquinone Carbanions, Department of Chemistry (J. S. Swenton), 1 September 1979 through 31 August 1980. (Project 760846 - Continuation)

\$22,969.00 - National Science Foundation, Washington, D. C., Probability and Ergodic Theory, Department of Mathematics (L. Sucheston), 1 July 1979 through 30 June 1980. (Project 760686 - Continuation)

\$22,022.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, A Regional Ambulatory Cancer Chemotherapy Program, College of Medicine - Administration (J. B. Battles), 1 May 1979 through 30 August 1979. (Project 764181 - Continuation)

\$20,812.00 - Department of Labor, Employment and Training Administration, Washington, D. C., Biographical Prediction Instrument, Department of Psychology (E. T. Cornelius and D. Van De Voort), 1 July 1979 through 30 June 1980. (Project 761687 - New)

\$20,639.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Numerical Approximation for Time-Dependent Non-linear Partial Differential Equations, Department of Mathematics (R. Ewing), 1 July 1979 through 30 June 1980. (Project 761700 - New)

\$20,160.00 - Environmental Protection Agency, Region V, Chicago, Illinois, Monitoring for the Maumee River Basin Pilot Watershed Study, Department of Agronomy (T. J. Logan), 1 July 1979 through 30 June 1980. (Project 761230 - Continuation)

\$17,982.00 - National Science Foundation, Washington, D. C., Orthogonal Polynomials, Department of Mathematics (P. Nevai), 1 October 1979 through 30 June 1981. (Project 761322 - Continuation)

\$14,091.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Clinical Psychology Internship Training, Department of Psychiatry (P. A. Marks), 1 July 1979 through 30 June 1980. (Project 761167 - 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)

\$13,947.00 - Air Force Office of Scientific Research, Washington, D. C., Immune Dysfunctions and Abrogation of the Inflammatory Response by Environmental Chemicals, Department of Veterinary Pathobiology (R. G. Olsen), 1 July 1979 through 30 June 1980. (Project 761657 - New)

\$13,229.00 - Department of Transportation, National Highway Traffic Safety Administration, Washington, D. C., IPA Assignment Agreement Covering Research Services of Professor H. Hemami, Department of Electrical Engineering (H. Hemami), 14 May 1979 through 13 May 1980. (Project 761685 - New)

\$12,096.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Psychiatry - Basic Training, Department of Psychiatry (I. W. Gregory), 1 July 1979 through 30 June 1980. (Project 761179 - Continuation)

\$9,000.00 - Department of Health, Education, and Welfare, Office of Education, Bureau of Education for the Handicapped, Washington, D. C., Workshop for In-Service Teachers of Visually Handicapped on Teaching Reading with the Optacon, Academic Faculty for Exceptional Children (M. E. Ward), 1 June 1979 through 31 May 1980. (Project 761665 - New)

\$6,466.00 - National Science Foundation, Washington, D. C., Numerical Characteristics and Local Structure of Banach Spaces, Department of Mathematics (D. R. Lewis and Y. Gordon), 4 June 1979 through 30 June 1980. (Project 760685 - Continuation)

\$5,100.00 - National Science Foundation, Washington, D. C., Classification of Bright Giant Stars and Subgiant Stars of Types G, K and M, Department of Astronomy (P. C. Keenan and A. E. Slettebak), 1 June 1979 through 29 February 1980. (Project 761239 - Continuation)

\$4,500.00 - Department of Transportation, Federal Highway Administration, Washington, D. C., Fundamental Studies in Automated Vehicle Control, Department of Electrical Engineering (R. E. Fenton), 25 May 1979 through 15 May 1980. (Project 760664 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS

\$3,246,710.00

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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

\$59,000.00 - State of Ohio, Department of Commerce, Division of Real Estate, Columbus, Ohio, Center for Real Estate Education and Research, Center for Real Estate Education and Research, College of Administrative Science (R. L. Racster), 1 July 1978 through 30 June 1980. (Project 761257 - Continuation)

\$57,000.00 - State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, Commercial Fishing: Gear Mortality, School of Natural Resources (D. L. Johnson) and Center for Lake Erie Area Research (J. Reutter), 1 July 1979 through 30 June 1980. (Project 761728 - New)

\$51,786.01 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Provision of Technical Assistance to the Ohio Occupational Information Coordinating Committee, Center for Human Resources Research, Academic Faculty of Labor and Human Resources and Department of Economics (S. Kelley), 1 July 1979 through 30 June 1980. (Project 761713 - New)

\$40,000.00 - State of Ohio, Department of Education, Columbus, Ohio, The Ohio Deans' Project--A Comprehensive Personnel Preparation Development Plan in Special Education, Academic Faculty for Exceptional Children (T. M. Stephens), 1 June 1979 through 31 May 1980. (Project 761652 - Continuation)

\$25,500.00 - State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, Management of Muskingum Mussel Populations, Ohio Biological Survey (C. C. King) and Department of Zoology (D. H. Stansbery), 1 June 1979 through 31 December 1979. (Project 761686 - New)

\$19,950.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Consortium for the Development of Professional Materials for Vocational Education (Ohio), National Center for Research in Vocational Education (R. E. Taylor), 1 September 1979 through 31 August 1980. (Project 761699 - New)

\$16,500.00 - State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, Yellow Perch Parasite Research, Department of Zoology (J. L. Crites) and Center for Lake Erie Area Research (J. Reutter), 1 July 1979 through 30 June 1980. (Project 761727 - New)

\$5,732.00 - Ohio Arts Council, Columbus, Ohio, The Second Degree, Telecommunications Center (M. Mottler), 15 February 1979 through 30 September 1979. (Project 761637 - 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)

\$2,158.00 - State of Ohio, Department of Economic and Community Development, Administration of Justice Division, Columbus, Ohio, Curricula Redesign Research, Academic Faculty of Special Services (R. Kelsey), 1 October 1978 through 31 May 1979. (Project 761326 - Continuation)

\$800.00 - Ohio Arts Council, Columbus, Ohio, Salute to Eastern Europe, Department of Slavic Languages and Literatures (L. Twarog), 15 September 1978 through 31 October 1978. (Project 761404 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS **\$278,426.01**

Industrial, Private, and Other Non-Federal Research Contracts/Grants

\$243,900.00 - World Health Organization, 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 1979 through 30 June 1980. (Project 760113 - Continuation)

\$142,366.00 - American Cancer Society, Inc., New York, New York, Role of Gangliosides in the Pathogenesis of Gliomas, Department of Pathology (A. J. Yates) and Department of Radiology (R. W. Hart), 1 July 1979 through 30 June 1981. (Project 761715 - New)

\$96,204.00 - Hannah Neil Center for Children, Inc., Columbus, Ohio, Implementing Behavioral Treatment Activities, Academic Faculty for Exceptional Children (J. O. Cooper) and School of Health, Physical Education and Recreation (C. L. Mand), 1 June 1979 through 30 June 1980. (Project 761655 - Continuation)

\$76,000.00 - Hamilton Standard, Division of United Technologies, Windsor Locks, Connecticut, Advanced Airfoils for Propeller Applications, Department of Aeronautical and Astronautical Engineering (K. D. Korkan), 21 June 1979 through 20 December 1979. (Project 761707 - New)

\$60,288.00 - Battelle Memorial Institute, Battelle Memorial Laboratories, Office of Nuclear Waste Isolation, Columbus, Ohio, Instrumentation Needs for In-Situ Testing Program, Department of Nuclear Engineering (D. W. Miller) and Department of Mechanical Engineering (P. A. Schlosser), 1 June 1979 through 31 March 1980. (Project 761662 - New)

\$49,000.00 - Endo Laboratories, Inc., Garden City, New York, Oxycodone Bioavailability, College of Pharmacy (R. H. Reuning), 1 June 1979 through 31 October 1979. (Project 761712 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$44,297.00 - World Health Organization, Geneva, Switzerland, *In Vitro* Culture of Sporogonic Stages of *Plasmodium falciparum*, Department of Entomology (W. F. Hink), 1 June 1979 through 31 May 1980. (Project 761658 - New)

\$40,000.00 - The Columbus Foundation, Columbus, Ohio, Academic and Professional Enrichment Program, Office of Minority Affairs (F. W. Hale), 1 July 1979 through 30 June 1981. (Project 761585 - New)

\$35,000.00 - Rockwell International Science Center, Thousand Oaks, California, Elastic Wave Scattering by Flaws for Applications in NDR, Department of Engineering Mechanics (V. V. Varadan and V. K. Varadan), 1 January 1979 through 30 September 1979. (Project 761052 - Continuation)

\$30,000.00 - American Cancer Society, Inc., New York, New York, American Cancer Society Institutional Research Grant, Cancer Research Center (D. S. Yohn), 1 July 1979 through 30 June 1980. (Project 764472 - Continuation)

\$29,090.00 - NRTA-AARP Andrus Foundation, Washington, D. C., The Professional Worker, Work Alienation and Pre-Retirement Planning and Attitudes, College of Social Work (K. M. Kilty and J. H. Behling), 1 July 1979 through 30 June 1980. (Project 761688 - New)

\$27,658.00 - Public Service Commission of Maryland, Baltimore, Maryland, Measured Rate Structure and Analysis, National Regulatory Research Institute (D. N. Jones and A. G. Buckalew), 21 May 1979 through 11 November 1979. (Project 761711 - New)

\$25,000.00 - Motorcycle Safety Foundation, Linthicum, Maryland, Ohio Motorcycle Safety Coordinator's Office, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1979 through 30 June 1980. (Project 761730 - New)

\$21,217.00 - Battelle Memorial Institute, Columbus, Ohio, Relation Between Microstructure and Fracture Toughness in a High Toughness, Complex, Low Alloy Steel, Department of Metallurgical Engineering (J. P. Hirth), 15 August 1978 through 14 August 1979. (Project 761376 - New)

\$20,000.00 - World Health Organization, Geneva, Switzerland, Detection, Isolation and Ecology of Biological Control Agents and Maintenance of an Information System in this Field, Department of Entomology (J. D. Briggs), 1 July 1979 through 30 June 1980. (Project 760988 - Continuation)

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REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$18,000.00 - Board of Education of the City of New York, Brooklyn, New York, The Implementation of a Program to Reduce Educational Sex Stereotyping, National Center for Research in Vocational Education (R. E. Taylor), 1 June 1979 through 30 August 1979. (Project 761729 - New)

\$17,049.00 - Rockwell International Corporation, Rockwell Hanford Operations, Richland, Washington, Clay Calcination Project, Department of Ceramic Engineering (C. E. Semler, Jr.), 22 May 1979 through 30 November 1979. (Project 761683 - New)

\$15,000.00 - City of Columbus, Department of Finance, Division of Fire, Columbus, Ohio, City of Columbus, Division of Fire Planning Group, Division of Continuing Education, College of Administrative Science (J. P. Stanley), 1 July 1979 through 31 December 1979. (Project 761701 - New)

\$15,000.00 - Bell Helicopter Textron, Fort Worth, Texas, Advanced T. H. Rotor Airfoil Design (GA/ADAC), Department of Aeronautical and Astronautical Engineering (G. M. Gregorek), 18 June 1979 through 7 September 1979. (Project 761694 - New)

\$15,000.00 - Muscular Dystrophy Association, New York, New York, Studies on the Embryonic Development of Normal and Dystrophic Muscles, Department of Physiology (B. T. Stokes), 1 July 1979 through 30 June 1980. (Project 761661 - New)

\$13,767.00 - Ayerst Laboratories, New York, New York, Effect of Propranolol in Myocardial Perfusion, Exercise Tolerance and Ventricular Dysrhythmias Following Saphenous Vein Graft Surgery, Department of Medicine (H. Boudoulas), 1 July 1979 through 30 June 1980. (Project 761718 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Biochemical and Histologic Analysis of Myocardium Before and After Vasodilator Therapy, Department of Medicine (D. V. Unverferth), 1 July 1979 through 30 June 1980. (Project 761692 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Exercise Testing, Platelet Aggregates, and Coronary Artery Disease, Department of Medicine (R. E. Smith), 1 July 1979 through 30 June 1980. (Project 761691 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Prostaglandin Alterations in Toxemic Pregnancies, Department of Pharmacology (L. K. Wong), 1 October 1979 through 30 September 1980. (Project 761681 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Regulation of NAD-linked Malic Enzyme in Heart Mitochondria, Department of Food Science and Nutrition (K. L. Roehrig), 1 October 1979 through 30 September 1980. (Project 761680 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Release of Platelet Arachidonate-Atherosclerosis, Department of Physiological Chemistry (R. V. Panganamala), 1 October 1979 through 30 September 1980. (Project 761678 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Lung Endothelial Injury in Hemorrhagic and Septic Shock, Department of Surgery (B. D. Lowery), 1 October 1979 through 30 September 1980. (Project 761676 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Single and Multiple Dose Disopyramide Kinetics, College of Pharmacy (J. J. Lima), 1 October 1979 through 30 September 1980. (Project 761675 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Taurine: A Modulator of Myocardial Metabolism, Department of Physiological Chemistry (F. A. Kruger), 1 October 1979 through 30 September 1980. (Project 761674 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Noninvasively Determined Isovolumic Relaxation Period, Department of Medicine (P. K. Fulkerson), 1 October 1979 through 30 September 1980. (Project 761671 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Cholesterol and Smooth Muscle Cell Proliferation, Department of Physiological Chemistry (D. Cornwell), 1 October 1979 through 30 September 1980. (Project 761669 - New)

\$10,972.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Plasma Pressor Agents in Two Forms of Hypertension, Department of Physiology (J. J. Curry), 1 October 1979 through 30 September 1980. (Project 761670 - New)

July 20, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$10,953.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Specific Assay for Digitoxin, Digoxin and Metabolites, College of Pharmacy (R. H. Reuning), 1 October 1979 through 30 September 1980. (Project 761679 - New)

\$10,920.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Control of Heart Rate and Contractility After Conditioning in Swine, Department of Veterinary Physiology and Pharmacology (R. L. Hamlin), 1 October 1979 through 30 September 1980. (Project 761673 - New)

\$10,524.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Proliferation of Human Aortal Smooth Muscle Cells, Department of Veterinary Pathobiology (G. E. Milo and L. Allred), 1 October 1979 through 30 September 1980. (Project 761667 - New)

\$10,300.00 - American Otological Society, San Diego, California, Otosclerosis: Ultrastructural and X-Ray Microanalysis, Department of Otolaryngology (D. J. Lim), 1 July 1979 through 30 June 1980. (Project 762789 - Continuation)

\$10,000.00 - The United States Trotting Association, Columbus, Ohio, Equine Viral Rhinopneumonitis: Reinfection, Immunity and Pathogenesis, Department of Veterinary Clinical Sciences (P. W. Murdick), 1 April 1979 through 31 March 1980. (Project 760159 - Continuation)

\$9,085.00 - Milheim Foundation for Cancer Research, Denver, Colorado, Experimental Chemotherapy with Tumor Explants, Department of Physiological Chemistry and Cancer Research Center (R. W. Trewyn), 1 July 1979 through 30 June 1980. (Project 761664 - New)

\$9,000.00 - Washington State Community College, Spokane, Washington; Walla Walla Community College, Walla Walla, Washington; City Colleges of Chicago, Chicago, Illinois; Manchester Community College, Manchester, Connecticut; Miami-Dade Community College, Miami, Florida; Brevard Community College, Cocoa, Florida; Northampton County Area Community College, Bethlehem, Pennsylvania; The Williamsport Area Community College, Williamsport, Pennsylvania; Utah Technical College at Provo, Provo, Utah, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1979 through 30 June 1980. (Project 761599 - New)

July 20, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$8,979.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Collagen of Mitral Valve Disease, Department of Pathology (N. Baba), 1 October 1979 through 30 September 1980. (Project 761668 - New)

\$7,617.00 - University of Illinois at Urbana-Champaign, Urbana, Illinois, A Population/Industry Allocation Model for ORBES, School of Architecture, Department of City and Regional Planning (S. I. Gordon), 1 June 1979 through 30 September 1979. (Project 761689 - New)

\$7,000.00 - The American University in Cairo, New York, New York, Collaborative Research with the American University Social Science Research Center in Cairo, Egypt, Mershon Center for Education in National Security (S. Z. Nagi), 1 June 1978 through 31 August 1979. (Project 760444 - Continuation)

\$5,997.00 - National Joint Painting, Decorating and Drywall Apprenticeship and Training Committee, Washington, D. C., Apprentice Instructors Seminar, National Center for Research in Vocational Education (R. E. Taylor), 15 May 1979 through 31 August 1979. (Project 761720 - New)

\$5,000.00 Massachusetts Institute of Technology, Cambridge, Massachusetts, Flight Evaluation of the Aeroacoustics of a New General Aviation Propeller, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and K. D. Korkan) and Department of Aviation (G. S. Weislogel), 1 June 1979 through 31 December 1979. (Project 761708 - New)

\$5,000.00 - Alvis House, Columbus, Ohio, Evaluation of Positive Release Program Effectiveness, College of Social Work (B. Weiss), 15 June 1979 through 15 September 1979. (Project 761690 - New)

\$5,000.00 - Beech Aircraft Corporation, Wichita, Kansas, General Aviation Propeller (GAP) Program Aerodynamic Analyses, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and J. D. Lee), 1 April 1979 through 31 July 1979. (Project 761601 - New)

\$4,000.00 - Astra Lakemedel AB, Sodertalje, Sweden, A Novel Topical Drug Delivery System, College of Pharmacy (S. G. Frank), 1 May 1979 through 30 August 1979. (Project 761068 - Continuation)

\$3,591.00 - Rachelwood Wildlife Research Preserve, New Florence, Pennsylvania, The Relationships of Social Status and Mortality in Gray Squirrels, Department of Zoology (J. D. Harder), 1 June 1979 through 31 May 1980. (Project 761696 - New)

July 20, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$3,400.00 - Grumman Aerospace Corporation, Bethpage, New York, Construction of an Airfoil Model, Department of Aeronautical and Astronautical Engineering (J. D. Lee), 9 March 1979 through 31 July 1979. (Project 761563 - New)

\$2,000.00 - Beech Aircraft Corporation, Wichita, Kansas, General Aviation Propeller (GAP) Program Aerodynamic Analyses, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek), 1 April 1979 through 31 July 1979. (Project 761716 - New)

\$1,000.00 - The Columbus Foundation, Columbus, Ohio, Columbus Foundation Internship, College of Social Work (R. O. Washington), 1 April 1979 through 15 June 1979. (Project 761705 - New)

\$500.00 - Hartzell Propeller, Inc., Piqua, Ohio, Airfoil Section Analysis for Shapes, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and K. D. Korkan), 25 June 1979 through 31 July 1979. (Project 761722 - New)

TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS **\$1,284,674.00**

ENGINEERING EXPERIMENT STATION

State of Ohio Supported Research and Development

\$84,617.00 - State of Ohio, Department of Transportation, Columbus, Ohio, for Development of a Driver-Based Method for the Evaluation of Traffic Control Systems for Freeway Construction and Maintenance Operations, Department of Industrial and Systems Engineering, June 15, 1979 through June 14, 1980. (EES 581 529061, Extension No. 1)

\$29,821.00 - State of Ohio, Department of Transportation, Columbus, Ohio, for Numerical Studies of the Frost Action in Roadways, Department of Engineering Mechanics, July 2, 1979 through October 1, 1980. (EES 591 529071)

TOTAL - STATE OF OHIO SUPPORTED RESEARCH AND DEVELOPMENT **\$114,438.00**

Industrial and Other Supported Research and Development

\$22,007.00 - Battelle Columbus Laboratories, Columbus, Ohio, for Development of a Computational Method for Analyzing Start-Up and Pick-Up of Static Off-shore Pipelines in Deepwater, Department of Mechanical Engineering, April 1, 1979 through November 30, 1979. (EES 592 529072)

July 20, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION (contd)

Industrial and Other Supported Research and Development (contd)

\$15,000.00 - American Iron and Steel Institute, Washington, D. C., Experimental Determination of Combustibility, Department of Chemical Engineering, May 1, 1978 through April 30, 1980. (EES 307 529001, Extension No. 13)

TOTAL - INDUSTRIAL AND OTHER SUPPORTED RESEARCH AND DEVELOPMENT **\$37,007.00**

Sponsored Development Projects

\$41,998.00 from various sponsors for 44 development projects.

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$25,064.07 - American Medical Association, Chicago, Illinois, for Faculty Seminar on Medical Education.

\$22,594.25 - Systems Associates, Columbus, Ohio, for the Department of Medicine General Fund and Cardiology Support Fund.

\$22,500.00 - Central Ohio Lung Association, Columbus, Ohio, for Pulmonary and Respiratory Care Research Fund.

\$20,000.00 - American Broadcasting Companies, Inc., New York, New York, for Parkinsons Disease Research.

\$19,200.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund.

\$18,808.00 - University Obstetricians & Gynecologists, Columbus, Ohio, for the EPR-OBS Fund.

\$15,000.00 - TRW Foundation, Cleveland, Ohio, for the College of Engineering Campaign.

\$13,250.00 - Touche Ross Foundation, New York, New York, for the Touche Ross Discretionary Fund.

\$10,000.00 - Michael's Finer Meats, Columbus, Ohio, for the Student Athlete Grant-in-Aid Fund.

\$10,000.00 - Ohio Power Company, New York, New York, for the American Electric Power Fund for Engineering.

July 20, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$8,463.90 - Retinal Consultants, Inc., Columbus, Ohio, for Retina Research Fund.

\$8,229.00 - Eli Lilly and Company, Indianapolis, Indiana, for the Infectious Disease Research Fund.

\$7,200.00 - Ohio State Anesthesia Associates, Inc., Columbus, Ohio, for Anesthesia Research and Education Enhancement Fund.

\$7,000.00 - Dow Chemical Company, Midland, Michigan, for the Foundation Seed Fund.

\$6,500.00 - John D. Drinko, Cleveland, Ohio, for the C. William O'Neill Professorship of Law Fund.

\$6,350.00 - Nancy B. Ross, Columbus, Ohio, 400 shares Wendy's International Stock for the Ohio State National Merit Scholarship Program.

\$6,000.00 - Anonymous Donor for Minority Affairs Support Fund.

\$6,000.00 - Borden, Inc., Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

\$5,800.00 - The Ohio State University Women's Club, Worthington, Ohio, for the University Women's Club Scholarship Fund and University Women's Club Emergency Loan Fund.

\$5,000.00 - Alcoa Foundation, Pittsburgh, Pennsylvania, for the Alcoa Foundation Scholarship Fund.

\$5,000.00 - Cleveland Institute of Electronics, Cleveland, Ohio, for the C. William O'Neill Professorship of Law Fund.

\$5,000.00 - J. Frederick Doyle, M.D., South Vienna, Ohio, for Family Medicine Development Fund.

\$5,000.00 - Isabelle Sindlinger King Estate, Columbus, Ohio, for the Isabelle King Canine Research Fund.

\$5,000.00 - TRW, Cleveland, Ohio, for the College of Engineering Campaign.

July 20, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gift-in-Kind

\$8,984.24 - Frigidaire, Columbus, Ohio, various Frigidaire appliances for use in the School of Home Economics.

Establishment of Named Funds

The Gilbert and Kathryn Mitchell Fund

The Gilbert and Kathryn Mitchell Fund was established July 20, 1979, by the Board of Trustees of The Ohio State University with bequests to The Ohio State University Development Fund from Gilbert and Kathryn Mitchell 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 is to be used for research in connection with the prevention, cause and cure of cancer as well as diseases of the heart, kidney and eyes. At such time that sufficient funds become available, it is anticipated that this Fund may endow a Professorship and/or a Chair directed toward medical research in the field of cancer, heart, kidney and eyes. All requisitions for expenditures will be approved by the Dean of the College of Medicine.

Should the need for this Fund and/or the eventual Chair or 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 medical research.

Harold P. Fawcett Fund

The Harold P. Fawcett Fund was established July 20, 1979 by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends of Dr. Harold P. Fawcett. The Harold P. Fawcett Fund, as established, honors Dr. Harold P. Fawcett, former Chairman of the Department of Education and Professor of Mathematics Education.

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

July 20, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Harold P. Fawcett Fund (contd)

The annual income from the principal is to be used to advance the cause of mathematics education in Ohio. Expenditures from the fund may include awards to outstanding undergraduate or graduate students in Mathematics Education or to teachers of mathematics in Ohio's schools and colleges. Dispersal of funds will be determined by the department chairman and a committee of alumni.

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 Education.

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PLANS AND SPECIFICATIONS

Resolution No. 80-7

Synopsis: Plans and specifications are being proposed for the following projects.

WHEREAS at the request of the Vice President for Business and Administration, the President recommends that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following projects:

BIOLOGICAL SCIENCES BUILDING-ENERGY MODIFICATION PROJECTS

- | | |
|--------------------------------|--|
| Project: | This project is funded under the Ohio Board of Regents Energy Management Program and will implement recommended energy reducing modifications to the building heating and air conditioning system based on a detailed energy analysis accomplished by The Ohio State University Energy Conservation Division and approved by The Ohio State University Energy Coordinating Committee. The work accomplished will provide for a 48% energy reduction and achieve a payback period of 2 1/2 years. |
| Funding: | House Bill 618, Item 315-019 (Ohio Board of Regents, Energy Program) |
| Estimated Project Cost: | \$437,000.00 |

July 20, 1979 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

WENDELL D. POSTLE HALL, STEAM IMPROVEMENTS

Project: Remove obsolete and oversized steam pressure reducing station in utility tunnel and replace with new equipment to meet current requirements for the building.

Funding: Budget Account 210134 (Contract Repair 1979-80)

Estimated Project Cost: \$ 60,000.00

PLUMB HALL, WINDOW REPLACEMENT

Project: Replace deteriorated windows with thermal barrier windows for ongoing energy modification savings.

Funding: Budget Account 210134 (Contract Repair 1979-80)

Estimated Project Cost: \$ 47,000.00

GOSS LABORATORY, STEAM DISTRIBUTION IMPROVEMENTS

Project: Remove obsolete and oversized steam pressure reducing station, boiler feed tank, and boiler feed pumps and replace with new equipment to meet current requirements of the building.

Funding: Budget Account 210134 (Contract Repair 1979-80)

Estimated Project Cost: \$ 40,000.00

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 Administration 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 Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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July 20, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 80-8

Synopsis: Contracts have been awarded for five projects 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:

HOUSING FACILITIES - SMOKE DETECTOR INSTALLATIONS

Description: Smoke detector installations will be installed to comply with requirements of H.B. 226, enacted by the General Assembly and incorporated into the Ohio Revised Code for installations of automatic smoke detector systems in dormitory buildings which exceed 75 feet in height and which does not have a conforming automatic smoke detector system or sprinkler system.

Electrical Contract

Date Received:	June 14, 1979
No. of Bids:	4
Low Bid:	\$2,088,400.00*
High Bid:	\$2,341,707.00*
Estimate of Cost:	\$3,257,850.00*
Awarded to:	States Electric Company (a Division of Meyerbank Electric, Inc.) (Columbus, Ohio)
Total Contingency Allowance:	\$ 152,396.61 which is 14% of the construction costs
Total Project Cost:	\$2,450,000.00
Funding:	Budget Account 885080 (Dormitory Revenue Funds)

* Recommended alternates reflected in these figures.

July 20, 1979 meeting, Board of Trustees

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

OHIO STADIUM--REPLACE ARTIFICIAL TURF

Description: Replace all artificial turf in the Ohio Stadium including a new pad under the playing field. Alternate bid was also accepted for the installation of new turf in St. John Arena.

General Contract

Date Received:	May 24, 1979 through The Ohio State University Purchasing Department
No. of Bids:	2
Low Bid:	\$453,490.00*
High Bid:	\$479,200.00*
Estimate of Cost:	\$485,850.00*
Awarded to:	Super Turf International, Inc. (Garland, Texas)
Total Contingency Allowance:	Not applicable
Total Project Cost:	\$485,850.00
Funding:	Budget Account 885099 (Athletic Department Revenue)

PARKING LOT RENOVATION, STADIUM AREA

Description: Repair and resurface parking lots.

General Contract

Date Received:	June 20, 1979
No. of Bids:	4
Low Bid:	\$272,000.00*
High Bid:	\$287,532.00*
Estimate of Cost:	\$306,247.22*
Awarded to:	Decker Construction Co. (Columbus, Ohio)

*Recommended alternates reflected in these figures.

July 20, 1979 meeting, Board of Trustees

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

PARKING LOT RENOVATION, STADIUM AREA (contd)

General Contract (contd)

Total Contingency Allowance:	\$ 30,000.00 which is 11% of the construction costs
Total Project Cost:	\$311,700.00
Funding:	Budget Account 885071 (Parking Revenue) and Budget Account 210134 (Contract Repair)

ELECTRICAL DISTRIBUTION IMPROVEMENTS--PHASE II

Description: Continuation of the project to provide alternate 13.8KV electric power service which will improve reliability, reduce duration of outages, and allow improved maintenance procedures. The alternate power will allow the buildings to be re-energized immediately on failure of service to the buildings.

Electrical Contract

Date Received:	July 3, 1979
No. of Bids:	3
Low Bid:	\$109,880.00*
High Bid:	\$128,000.00*
Estimate of Cost:	\$110,000.00*
Awarded to:	Electric Power Equipment Company (Columbus, Ohio)
Total Contingency Allowance:	\$ 906.16 which is .82% of the construction costs
Total Project Cost:	\$112,860.26
Funding:	H.B. 618, Utilities and Renovation (\$97,025.07) and Budget Account 882011 (\$15,835.19)

*Recommended alternates reflected in these figures.

July 20, 1979 meeting, Board of Trustees

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

ST. JOHN ARENA, REPAIR OF STEAM LINE

Description: Repairs and improvements to the steam distribution line serving the arena, field house and ice rink.

Mechanical Contract

Date Received:	July 3, 1979
No. of Bids:	6
Low Bid:	\$ 90,800.00
High Bid:	\$149,900.00
Estimate of Cost:	\$ 94,000.00
Awarded to:	H. C. Wear (Columbus, Ohio)
Total Contingency Allowance:	\$ 6,384.00 which is 14% of the construction costs
Total Project Cost:	\$100,000.00
Funding:	H.B. 618, Utilities and Renovation (1977-79 Biennium)

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 reported.

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

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**ASSIGNMENT OF STUDENT LOANS TO DEPARTMENT OF HEALTH, EDUCATION
AND WELFARE (OFFICE OF EDUCATION)**

Resolution No. 80-9

Synopsis: Assignment of "uncollectible" student loans is proposed.

July 20, 1979 meeting, Board of Trustees

**ASSIGNMENT OF STUDENT LOANS TO DEPARTMENT OF HEALTH, EDUCATION
AND WELFARE (OFFICE OF EDUCATION) (contd)**

WHEREAS the University is a participant in the National Direct Student Loan Program (formerly known as the National Defense Student Loan Program); and

WHEREAS the University has experienced some delinquencies in recovering repayment of loans made to students; and

WHEREAS the University has attempted to collect these delinquencies, both through internal action and by utilizing external collection agencies; and

WHEREAS some of these loans are determined to be uncollectible; and

WHEREAS the Office of Education of the Department of Health, Education and Welfare has asked that those loans which are determined to be "uncollectible" be assigned to their office:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Administration and/or the Treasurer may assign those loans which are determined to be uncollectible to the Office of Education of the Department of Health, Education and Welfare without recourse.

President Enarson:

Specific terms of the resolution are as follows: That the Vice President for Business and Administration and/or the Treasurer may assign those loans which were determined to be uncollectible to the Office of Education of HEW without recourse. This was presented to the Committee this morning at some length by Jim Kristoff, who gave the committee members the background of this program and some of the reasons why collections have been difficult and why this program has been in trouble nationally. He reminded all of us that the rate of delinquency at OSU was almost exactly on the nose in terms of the national average--it is about 17 per cent. It doesn't show here--I guess there was no real reason to do it--but I will say for the record that we did seek and did secure from the Attorney General a ruling which indicates clearly that this is legally permissible. The effect of clearing our books, as it were, will be to make us clearly eligible for the next round of loans from HEW. What they are trying to do is tighten up on the whole program and they have threatened not to provide the same level of funding unless there is a substantial cutback--25 per cent, was it Jim, in this program?

Mr. Galbreath: What is the percentage of loss?

President Enarson:

Well I don't know, we'll let Jim speak to this. I'm not sure that you could--

July 20, 1979 meeting, Board of Trustees

**ASSIGNMENT OF STUDENT LOANS TO DEPARTMENT OF HEALTH, EDUCATION
AND WELFARE (OFFICE OF EDUCATION) (contd)**

Mr. Kristoff:

This would be the first loss that we have experienced in the program and it has been going on since 1959. We have made approximately \$35 million worth of loans in those twenty years.

Mr. Havens: Our loss would be \$140,000.

President Enarson: That's right, we put up ten cents on the dollar.

Mr. Devenow: Where does that tie in with that 17 per cent?

President Enarson:

The national delinquency rate, all universities and colleges combined last year was what 17.7--

Mr. Kristoff: That's right.

President Enarson:

Something like that and we were--I've forgotten; we were 17, something like that. That's a very--

Mr. Kristoff: That's thirty days or more delinquent.

Mr. Galbreath:

That's what Mr. Devenow's question was, wasn't it, on what percentage are uncollectible really.

President Enarson:

The problem of definition is extremely difficult because, as Jim Kristoff was explaining to some of the Trustees this morning, we often, along with other universities, work along with a student who says, well, I'll pay \$10, I can't pay the \$30; and so we carry it along for awhile and if you assume that all loans that are overdue are non-collectible, that's a mistake. On the other hand you can't possibly assume that ultimately they are all collectible, there are people who die, there are people who skip the country, there are people who have left no forwarding address. Some of the loans are small.

Mr. Galbreath: You have a criterion for putting it from delinquent into uncollectible?

July 20, 1979 meeting, Board of Trustees

**ASSIGNMENT OF STUDENT LOANS TO DEPARTMENT OF HEALTH, EDUCATION
AND WELFARE (OFFICE OF EDUCATION) (contd)**

President Enarson: Do you want to speak to that, Jim?

Mr. Kristoff:

Yes, for this program they have to be at least two years in default, so all of these are at least two years in default and have been to at least one, two or three collection agencies outside of our internal attempts to make collection.

Mr. Galbreath: That would be the \$140,000.

Mr. Kristoff:

Our portion is \$1,400,000, \$140,000 of which is our money. We have pursued--

Mr. Devenow: The total is \$1,400,000--

Mr. Kristoff: That's the total amount of the original balance of the notes.

Mr. Devenow:

That would be the answer to Dan's question. They have gone two years without payment and you have tried to collect.

Mr. Kristoff: That's right.

Mrs. James: Two or more years.

Dr. Sirak: The interval will start the day they graduate. Is that when it starts?

Mr. Kristoff: No, it starts nine months after they graduate.

Dr. Sirak:

Nine months after they graduate. So they have had two years and nine months, almost three years.

President Enarson:

We reminded one another this morning in a brief discussion of this that these are loans made to people who couldn't possibly get conventional loans from banks and loans made in the context of an open-admission university which encourages people to attend. The common practice and pattern here and elsewhere is for the Financial Aid office to work out a package of assistance that will include loans,

July 20, 1979 meeting, Board of Trustees

**ASSIGNMENT OF STUDENT LOANS TO DEPARTMENT OF HEALTH, EDUCATION
AND WELFARE (OFFICE OF EDUCATION) (contd)**

outright grants, work-study which incidentally we think is the best form of assistance. And one may not wish to sanction behavior, but one can at least understand why it is that some students who fail, wash out, leave, move away are reluctant to pay, and there is a deeper point here as all the colleges and universities around the country, I think, to some degree didn't pursue this with sufficient vigor. I think the myth began to develop in some circles that it wasn't really a debt, it was a camouflaged gift. It was one of the best arguments for having outright grants rather than loan programs that I can imagine.

Mr. Devenow: How many of these delinquencies are using bankruptcy methods?

Mr. Kristoff:

There have been some. The bankruptcy act has been changed so that I couldn't give you a number but that would not be included in here because those are handled specially and we had permission to eliminate those from the default classification.

Mr. Devenow: How much were those?

Mr. Kristoff: I'm sorry, I can't come up with that number off hand.

Mr. Galbreath:

I hear that the uncollectible is \$1,400,000, ten per cent of which is OSU money.

Mr. Kristoff: That's correct.

Mr. Galbreath:

And ten per cent which is \$140,000 which HEW, since it is in that category, is going to be reimbursed.

Dr. Sirak: A million four.

Mr. Havens:

We lose \$140,000. We will assign all these receivables, \$1,400,000 and it is their collection job, of which they probably won't get--we lose \$140,000.

President Enarson:

Which isn't real dollars because it is not--in the wildest imaginings would it ever have been possible for us to have collected that \$140,000. So for all practical purposes that money is for the most part gone. You want to say something, Dick?

July 20, 1979 meeting, Board of Trustees

**ASSIGNMENT OF STUDENT LOANS TO DEPARTMENT OF HEALTH, EDUCATION
AND WELFARE (OFFICE OF EDUCATION) (contd)**

Mr. Jackson:

I feel one point that might be made in addition to the conversation so far is that the Treasurer's office through the action of the Board of Trustees in this budget document is increasing its collections procedures, and I think the time and the understanding that the students now have is better. I think we will have a little better rate of collection because of the understanding and because of the effort that is going to be put forth.

Dr. Sirak: To collect?

Mr. Jackson: To collect.

Dr. Sirak: How are you going to do that? What is the change in your collection system?

Mr. Jackson: Well, Jim, do you want to describe it in detail?

Mr. Kristoff:

When the student receives the aid there is an entrance interview where it is explained to them that this is a loan, it is not a grant. The same thing when they leave. There is an exit interview that is mandatory. We have up until recently not had as much direct contact with the students internally but relied on external collection agents, and we are changing that procedure to do a more thorough job of attempting internally to collect and then passing on those that are uncollectible with our means to an external agent and then reviewing them on a more frequent basis to get them to another agent if they are not receiving any results. We have also modified the method of getting the payment statements to the students. We have changed to the data mailer form so that all the bills do get out. There had been some problems with mailing in the past so that with the staff that was on hand, all the bills didn't get out necessarily on a timely fashion so that the payments could be paid by the 25th; that has been changed. The actual pursuit of delinquent loans, the skip-tracing has been beefed up in our area to find the addresses of students that come back as being moved with no forwarding address. The internal attempts to trace these students utilizing whatever information we have internally and then going outside of the University to find new addresses. We have beefed up the staff to the point that we can contact parents and relatives, any contact that the borrowers had while they were here to try to find out where they are. One of the biggest problems has just been finding the students. We have not had cooperation of some government agencies because of the privacy act; they said that they could not share information with us. At IRS--HEW will have the capability to get information there so that they can more effectively follow these people and hopefully effect--

July 20, 1979 meeting, Board of Trustees

**ASSIGNMENT OF STUDENT LOANS TO DEPARTMENT OF HEALTH, EDUCATION
AND WELFARE (OFFICE OF EDUCATION) (contd)**

President Enarson:

Nothing in this discussion obscures the central point. This program has been a massive program initiated by the federal government. It has made opportunity possible for literally millions of people around the country. The problems of collection have been formidable for reasons, most of which were intrinsic to the program itself, and there are students graduating each quarter here who would never have graduated from this University without these loans. There is another aspect very, very quickly. I speak here with feeling as a parent. It is easy when the student accepts the loan, but life is full and all loans have to be repaid and students are leaving this and other universities with a future mortgaged and with fairly big bills and that is not as desirable as it might be.

Dr. Sirak:

Harold, I think there is another extension of that that has, I think, to be stated and that is that if 17 per cent are in default, that means that 83 per cent are paying, and I think it is greatly unfair to the 83 per cent who are able to meet these big bills or whatever you want to call them, for the 17 per cent many of whom are simply scoffing at it.

Mr. Galbreath: Do you have any idea what the average loan amount is?

Mr. Kristoff:

I believe it is approximately \$1,000. The very small loans, these are loans that have the same fixed cost whether--they can range from \$100 to \$10,000--and in some of the graduate levels and the professional schools you will get up into the \$10,000 range but many loans are very small; on a loan by loan basis it would be very expensive to pursue them.

President Enarson:

The committee on which I serve, the Joint Committee on Health Policy, spent a good deal of its time struggling with the question of what we in the university community might recommend to the congress and the administration and as such to per capitation funding and revisions of the various programs in the health sciences, and it is obvious to me that there is likely to be even greater dependency on loans in the health sciences. Proposals are being seriously advanced for loans which in the case of a medical student might bring that person to a \$50,000 debt as of the day of graduation, and I think I will stop talking on that score, I just think that's awful.

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

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July 20, 1979 meeting, Board of Trustees

INVESTMENT COUNSELORS

Resolution No. 80-10

Synopsis: Reappointment of Investment Counselors for management of the University's Investment Portfolio is recommended.

BE IT RESOLVED, That upon the recommendation of the Fiscal Affairs Committee the following investment policies pertaining to the University's Investment Portfolio be implemented in accordance with the terms and conditions set forth.

Reappointment of The Chicago Corporation to counsel in the investment of \$15,000,000 of the Endowment;

Reappointment of The Huntington Investment Management Company of Columbus to counsel in the investment of \$15,000,000 of the Endowment; and

Reappointment of The National City Bank of Cleveland to counsel in the investment of \$15,000,000 of the Endowment.

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

--o--

REPORT - EXPENSES FOR DESIGNATED ADMINISTRATIVE OFFICIALS

Resolution No. 80-11

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

--o--

July 20, 1979 meeting, Board of Trustees

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 80-12

RESOLVED, That the report on the University's Investment Portfolio, dated June 30, 1979, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

--o--

COMMENTS - ENERGY CONSERVATION

Mr. Galbreath:

Yes, I would like to ask one question. A little bit earlier you were talking about some building improvements and such. Does the President's new order on heat limitations and air conditioning, does that apply to the University?

President Enarson:

Absolutely, it applies and as a matter of fact we--as they used to say in the military--we anticipated the command. We moved even before the executive order came out and that brought us a certain amount of flack. We are very much on that and indeed an additional memorandum is going out, whether it is in the mail today, I don't know, Dick, but in any event an additional memo from Dick Jackson is going everywhere within the University. Dallas Sullivan, who heads up our internal grip on energy conservation is, of course, extremely active in implementation. I might say that one longs for a single thermostat in this giant University so that by the push of a single button, you would get total compliance.

Mr. Galbreath: Does it apply to University Hospitals?

President Enarson:

It does not apply to the Hospital; it applies everywhere else. It is an extremely difficult, torturous, unending task, almost literally room by room, floor by floor to get the temperatures adjusted. My office Monday morning was 81 degrees for staff meeting and then the next morning it was 72 degrees. So throughout the entire University we are hard at work on that problem.

Mrs. James:

Mr. President, in the July 16 issue of the *Chronicle*, all the rules are here and I suggest that maybe the Board members would like to see it. It is certainly more than you ever wanted to know, but it's all here, several pages of it, so we will send it out to you.

--o--

July 20, 1979 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, September 7, 1979, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

Patricia D. James
Chairman

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APPENDIX I

**Degrees Conferred at
THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION
August 30, 1979**

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THE RECIPIENTS OF HONORS

Alan K. Campbell

Doctor of Humane Letters

Eminent teacher, scholar, academic administrator, and public servant, Alan K. Campbell embodies the best in the tradition of public administration. With initiative and skill he strengthened and enriched the opportunities for graduate professional education in public service. With concern for his fellow citizens, he directed the most sweeping reform brought to the U. S. Civil Service since its creation. For a career of high distinction and honor, he has earned the esteem and recognition of his profession.

Hal Holbrook

Doctor of Humanities

Artist, humanist, and scholar, Hal Holbrook is at once a distinguished son of Ohio and of the world at large. His unique contributions to the theatre and other media demonstrate vividly the scholarly impact that can result from a nonacademic role. As researcher, creator, and performer in the presentation of Mark Twain, he acquainted a growing public with the wit, wisdom, and humanity of a great American literary figure. His many other works and numerous awards stand in further testimony of a career dedicated to opening the minds of a nation to the rich history and literature of its heritage.

Robert E. Lee

Doctor of Humanities

Distinguished playwright and educator, Robert E. Lee is widely recognized for his creative contributions to American theatre. His success as co-author of 11 Broadway plays and numerous other works is reflected in the devotion of audiences nationwide. His efforts to help establish the American Playwrights Theatre at this University have been instrumental in developing the talents of many young and unrecognized authors. In his work with this and other universities, he has contributed significantly to a deeper grasp of the critical role of the dramatic arts in society.

Martha Nelson Lewis

Doctor of Science

Researcher and educator in dietetic education and practice, Martha Nelson Lewis is recognized as a pioneer in her field. Through innovation made possible only by great conviction and great persistence, she developed a curriculum in Medical Dietetics which has served as a prototype training program throughout the nation. For her ability to stimulate intellectual curiosity, she has the admiration of her students, friends, and colleagues. Standing in affirmation of her professional talents are the numerous honors and awards she has received, including the highest honor bestowed by the American Dietetic Association.

THE RECIPIENTS OF THE DISTINGUISHED SERVICE AWARD

Richard H. Bohning

For nearly 35 years, Richard H. Bohning served this University with dedication of the highest order. With personal and professional devotion, he accepted positions of increasing responsibility, culminating in his distinguished leadership as dean of the College of Biological Sciences. To the wider interests of the University he brought a continuing desire to work toward the goals of academic excellence. For his long-lasting pursuits in the world of science and to the advancement of knowledge, he has earned the ultimate tribute--the esteem and recognition of his colleagues.

Beatrice J. Cleveland

Professor emeritus and former associate state leader of 4-H Club Programs, Beatrice J. Cleveland has played an essential role in enriching the lives of many Ohio youth through her deep involvement in this University and the 4-H programs of the state. Under her leadership, the Ohio International 4-H Youth Exchange was recognized as one of the best in the nation. Her efforts in raising nearly one half million dollars for the Ohio 4-H Foundation affirms her long-lasting dedication to those programs, even in retirement. Her personal inspiration and professional efforts extend far beyond her formal responsibilities and the borders of this campus.

John Briggs Conard

In sentiment and deed, John Briggs Conard represents a long and enduring friendship with this University. For more than 100 years, his family has been dedicated to furthering the missions of Ohio State. His grandfather dug clay and fired brick to construct the University's first building, University Hall. Mr. Conard continued this tradition by supporting and strengthening the pursuit of scholarship within these portals of academe. Through his dedication and loyalty to broadening academic opportunities, he reveals a high vision for students of today and tomorrow. For his generous offerings of time and concern in behalf of this University, he has earned the high regard of those whose lives he has enriched.

Jeannette LaRocque

Formal fiscal officer and assistant to the dean in the College of Social and Behavioral Sciences, Jeannette LaRocque's generous contributions to the missions of this University extend far beyond the realms of professional duty. With keen insight and knowledge she provided guidance for those she served in managing the fiscal and personnel complexities of this academic community. To the leadership of her college, she gave invaluable counsel and assistance, mastering the puzzle of the letter and spirit of University regulations while attending the needs of faculty and students. For her deep commitment and service, she has earned the admiration of the many whose lives she touched.

J. Paul McNamara

Prominent Ohio attorney, alumnus of this University, J. Paul McNamara represents the finest in dedication for his highly esteemed gifts of time and effort in behalf of legal education. Especially noteworthy was his service as chairman of the College of Law's major gifts committee, the group that raised nearly \$1 million dollars in support of the college's programs. His recent appointment as chairman of the National Council of the Colleges of Law affirms his concern for the improvement of legal education, not only at this University, but across the nation. The high regard in which he is held by his academic colleagues further reveals the full measure of his contributions.

GRADUATE SCHOOL

Dean: Jules B. LaPidus

Doctor of Musical Arts

Stephen Butler Brown, Alfred, NY; B.A. (Tufts University); M.M.A. (Yale University); Music

Doctor of Philosophy

Pouneh Moghadam Alcott, Columbus; B.S., M.A.; Education

Alison Alexander, Huntington, WV; B.A. (Marshall University); M.A. (University of Kentucky); Communication

Kevin Lee Alexander, Maumee; B.S., M.S.; Physiological Optics

Carol A. Armbruster, Titusville, FL; B.A. (Cleveland State University); M.A.; Romance Languages and Literatures

El Sadig El Fadil Azrag, Khartoum, Sudan; B.Sc., M.A., M.Sc. (California Polytechnic State Institute); Agricultural Education

Albert Louis Baker, Des Moines, IA; B.A. (Drake University); M.S.; Computer and Information Science

Irene Gesa Bandy, Worthington; B.S. Ed. (Ohio University); M.A. (Eastern Kentucky University); Education

Diane Helen Touliaos Banker, Memphis, TN; B.M. (Memphis State University); M.A.; Music

Amiah Barak, Hadera, Israel; B.A. (Bar-Ilan University); M.A.; Education

Janet Louise Beary, Shipperville, PA; B.S., M.Ed. (Clarion State College); Education

Gordon Gene Behm, Columbus; B.S. (Heidelberg College); M.Ed. (Bowling Green State University); Education

Mark Anthony Beno, Kaukauna, WI; B.S. (Marquette University); M.S.; Chemistry

Robert Michael Bernstein, Brooklyn, NY; B.S. (Union College); M.A.; Psychology

Amy Dayle Bertelson, Missouri Valley, IA; B.S. (Nebraska Wesleyan University); M.A.; Psychology

Lee Wilson Bettis, Chicago, IL; B.A. (University of Florida); M.A. (University of California, Los Angeles); Agricultural Economics and Rural Sociology

Lorimer Richard Bjorklund, St. Cloud, MN; B.A. (State College of Iowa); M.S. (Mankato State College); Education

Arthur Weston Blaser, Seattle, WA; B.A. (University of Washington); M.A.; Political Science

William Francis Blazak, Lynn, MA; B.S. (University of Massachusetts); M.S. (University of Nebraska); Dairy Science

Howard Samuel Bossen, Philadelphia, PA; B.F.A. (Philadelphia College of Art); M.A.; Art Education

Douglas Edgar Brash, LaGrange, IL; B.S. (University of Illinois); M.S.; Biophysics

David Leon Brattain, Columbus; M.Mus. (University of Colorado); Music

Ayleen Hilt Burns, Edina, MN; B.S., M.A.; Music

Rocky Douglas Calcote, Columbus; B.S. (University of California, Davis); M.S.; Dairy Science

Andrew Zbigniew Ceranowicz, Dayton; B.S.E. (University of Connecticut); M.S.; Electrical Engineering

Ching-Shu Chao, Hsinchu, Taiwan; B.S. (National Chiao Tung University); M.S.; Electrical Engineering

Chung-I Chen, Taiwan; B.S. (Chung-Cheng Institute of Technology); M.S. (National Taiwan University); Ceramic Engineering

Hoover Juh-Huh Chen, Vestal, NY; B.S. (National Taiwan University); M.S.; Electrical Engineering

Schioa-Feng Chou, Columbus, B.S. (National Tsing Hua University); M.S.; Metallurgical Engineering

Michael C. Clingerman, Kenmore, NY; B.S. (Purdue University); Chemistry

Robert Corran, Willowdale, Canada; B.Sc. (Ithaca College); M.S. (Springfield College); Physical Education

Chase William Crawford, Lima; B.A. (Ohio Wesleyan University); M.A.T. (Miami University); Education

Jane Elizabeth Crossman, Toronto, Canada; B.S. (University of Ontario); M.Sc. (Lakehead University); Physical Education

Charles Cutter, Brookline, MA; B.A., B.R.E. (Yeshiva University); M.L.S. (Pratt University); M.A. (Hunter College of the City of New York); History

Nazih Daher, Aitaneet, Lebanon; Licence (Lebanese University); M.A.; Education

Kent Michael Daum, Marion; O.D., M.S.; Physiological Optics

Curtis Woodward Davis III, Toledo; B.S.E.E., M.S.; Electrical Engineering

Phillip Jay Decker, Columbus; A.B. (San Diego State University); M.A.; Psychology

Daniel Joseph Delio, New York, NY; B.A., M.S. (Queens College); Physical Education

Frances Grimm Dennis, Centerville; B.S. (College of Mount St. Joseph on the Ohio); Chemistry

Mukund Muralidhar Desai, Nagpur, India; B.Tech. (Indian Institute of Technology, Bombay); M.S.; Metallurgical Engineering

Eduardo Ignacio Diaz, Oneonta, AL; B.S. (Guilford College); M.A.; Psychology

Stephanie Kos Dubravcic, Akron; Diploma (University of Gabreb); M.A. (University of Massachusetts); M.A. (University of Akron); Romance Languages and Literatures

Patrick Swan Dynes, Washington, DC; B.A.; M.M. (Indiana University); Public Administration

Edward Elzmer Ehlinger, Iron River, MI; B.S. (Northern Michigan University); Chemistry

Douglas LaMont Epperson, Salt Lake City, UT; B.S., M.S. (University of Utah); Psychology

Levent Ersoy, Istanbul, Turkey; B.S. (Carnegie-Mellon University); M.S.; Electrical Engineering

Larry Eskridge, Shaker Heights; B.A., M.A.; Education

Judith Zaccagnini Flynn, Hanover, MA; B.S. (State College of Framingham); M.S. (Kansas State University); Home Economics

William Randy Frankenberger, Footville, WI; B.S. (Wisconsin State University); M.S. (New Mexico Highlands University); Psychology

Daniel Jay Friedman, Columbus; B.A. (Antioch College); M.A.; Psychology

William Edward Fristad, Mandan, ND; B.A. (College of St. Thomas); Chemistry

Robert Amos Fritz, Sebring, FL; B.M.E., M.M.E. (Florida State University); Music

Norma Jean Gilliam, Columbus; B.S.Ed., M.A.; Education

James Rudy Gleason, Columbus; B.S., M.Ed. (Bowling Green State University); Education

Robert Gerald Govenar, Enon; B.S.C.E. (University of Massachusetts); M.S.; Nuclear Engineering

Megh Raj Goyal, Haryana, India; B.S. (Punjab Agricultural University); M.S.; Agricultural Engineering

Thackery Scott Gray, Columbus; B.A. (University of Colorado); M.A.; Psychology

Danny Ray Griffith, Columbus; B.A. (Wabash College); M.A.; Psychology

Ida M. Halasz-Salster, Sharon, PA; B.S. (Youngstown State University); M.Ed. (Edinboro State College); Education

James Arthur Hall, Boulder City, NV; B.S., M.S. (University of California, Berkeley); Metallurgical Engineering

Kathleen Yankee Hall, Delaware; B.S. (Bradley University); Zoology

Fred Harrison, Jr., Edison, GA; B.S. (Fort Valley State College); M.Ed. (University of Georgia); Agricultural Education

Marcelita Garcia Haskins, Quezon City, Philippines; B.A. (University of the Philippines); M.A. (Northwestern University); Communication

Joyce Alley Toothman Hathaway, Columbus; A.B. (Randolph-Macon Women's College); A.M. (West Virginia University); Education

Richard Lee Haynie, Fresno, CA; B.A. (University of Utah); A.M. (University of Illinois); Education

Janet Gephart Hickman, Columbus; B.S., M.A.; Education

Sabine Schlesinger Himmelfarb, Chicago, IL; B.A. (University of Chicago); M.A.; Psychology

Alan Mitchell Hopkins, Adelaide, Australia; B.Ag. Sc. (Adelaide University); Genetics

Daniel Kent Jackson, Kokomo, IN; B.S. (Purdue University); Chemistry

Gordon Leckie Jackson, Gahanna; B.A. (Washington State University); M.A. (University of Washington); Education

Carrie Ellen Jacobs, West Bloomfield, MI; B.S. (University of Michigan); A.M. (University of Chicago); Psychology

Forest Robert Jacobs, Columbus; B.S., M.B.A.; Business Administration

Harry Juhani Jappinen, Helsinki, Finland; Diploma Insinööri (Helsinki University of Technology); M.S.; Computer and Information Science

Ted Gerard Jelen, Hinsdale, IL; B.A. (Knox College); M.A.; Political Science

John Michael Jermier, Columbus; B.S. (University of Wisconsin); M.A., M.B.A.; Business Administration

Randy Carl John, Vandalia; B.S., M.S.; Metallurgical Engineering

Carole McFerran Johnson, Clinton, MS; B.S., M.A. (University of South Mississippi); Education

Jerome Andrew Johnson, Columbus; B.S. (Boston College); Pathology

Charlie A. Jones, Columbus; B.A., M.A.; Political Science

Lesley Jones, Delaware; B.A. (University of California, Santa Barbara); M.S. (Indiana University); Psychology

Ruth Jean Jones, Ashland; B.S. (Ashland College); M.A. (Murray State University); Physical Education

Nicholas Nick Kallas, Lorain; B.A., M.S.; Horticulture

Norma Irene Karhoff, Oaklawn, IL; B.S.Ed., M.S. (Kansas State College); Home Economics

Donald Thurman Kirkendall, Elkhart, IN; B.S.Ed. (Ohio University); M.A. (Ball State University); Physical Education

Ker-i Ko, Taipei, Taiwan; B.S. (National Tsing Hua University); M.A., M.S.; Computer and Information Science

Li-wen Ko, Columbus; B.V.M. (National Taiwan University); M.S. (University of Washington); Veterinary Pathobiology

Yun Bai Koh, Seoul, Korea; B.S. (Sogang University); M.S.; Chemistry

Angela Labarca, Worthington; B.S. (University of Chile); Grad. (University of Catalica de Chile); Education

Edward James Latessa, Youngstown; B.S., M.A.; Public Administration

John Roland Lauritsen, Columbus; B.A. (Case Western Reserve University); English

David Gerard Lavond, Sacramento, CA; B.S. (University of Santa Clara); M.A.; Psychology

Ira C. Lee, Akron; B.S. (University of Akron); Microbiology

Esther Kau-To Leung, Richmond, KY; B.A. (Columbia Bible College); M.A. (Eastern Kentucky University); Education

Nancy Sue Levin, Mansfield; B.A. (University of Wisconsin); M.A.; Linguistics

Patrice Koelsch Loose, Columbus; B.A., M.A.; Philosophy

Joan Hazlett Lynne, Worthington; B.S., M.A.; Education

James Michael Masters, Tonawanda, NY; B.A. (State University of New York at Buffalo); M.S. (Air Force Institute of Technology); M.B.A.; Business Administration

Zilda Paes de Barros Mattos, Piracicaba, Brazil; Engenharia (Universidade de São Paulo); M.S.; Agricultural Economics and Rural Sociology

Geraldine Lynn McBroom, Defiance; B.S., M.A. (Kent State University); Education

Sue Anne McCambridge, Youngstown; B.Mus. (Youngstown State University); M.Mus. (Northwestern University); Music

Gary Bruce McCollim, Columbus; B.A. (Muskingum College); M.A.; History

Laura Lee Meixner, Middleburg Heights; B.A. (Baldwin-Wallace College); M.A.; History of Art

David Steven Messinger, North Babylon, NY; B.S. (State University of New York at Oneonta); M.S.; Zoology

Paul J. Mihalko, Columbus; B.S., M.S.; Veterinary Physiology and Pharmacology

Pamela A. Miller, Portland, OR; B.A. (Marylhurst College); M.S.W. (Catholic University of America); Social Work

Ronald Leon Mitchelson, Oswego, NY; B.A. (State University of New York at Buffalo); M.A.; Geography

Gauri Shankar Mittal, Narnaul, India; B.Sc. (Punjab Agricultural University); M.Sc. (University of Manitoba); Agricultural Engineering

Dennis Raymond Mueller, Normal, IL; B.S. (Southern Illinois University); M.S. (Indiana State University); Education

Kevin Albert Muething, Covington, KY; B.A. (Thomas More College); Physics

Joseph Price Nachtman, Bay Village; B.S. (Boston College); M.S. (Case Western Reserve University); Pharmacology

Mridula Nair, Madras, India; B.S. (University of Madras); M.S. (Indian Institute of Technology, Madras); Chemistry

Steven Ronald Neiheisel, Hacienda Heights, CA; B.A. (California State College); M.A.; Education

Neal Peter Newman, Columbus; A.B. (Earlham College); M.A.; Psychology

Thomas William Nightingale, Worthington; B.A. (University of Cincinnati); M.A.; Physical Education

Brian James Nonnecke, Guelph, Canada; B.Sc., M.Sc. (University of Guelph); Dairy Science

Arye Oko, Haifa, Israel; B.S., M.S. (Technion Israel Institute of Technology); Agricultural Engineering

Richard Michael Olson, Devola; B.A. (State Teachers College); M.A. (Southern Illinois University); Communication

Mary Anne Orcutt, Columbus; B.A., M.A.; Psychology

Samuel Adegboyega Oyegbile, Columbus; B.A., M.A. (Mankato State University); Health Education (Physical Education)

Roberto Pardo, Bogota, Colombia; B.S. (Universidad de Los Andes); M.S.; Computer and Information Science

Ralph Eugene Philipin, Columbus; B.S., M.A.; Education

Arnold Travis Poole, Jr., Hilliard; B.S., M.S. (Virginia Polytechnic Institute and State University); Agricultural Education

Daniel James Powell, Jr., Columbus; B.S. (Lane College); M.S., M.Ed. (Oregon State University); Psychology

Penelope Kay Prill, Van Wert; B.S., M.A.; Education

Robert Morgan Ransom, Columbus; B.S., M.A.; Education

Ross Jay Rapaport, Lansing, MI; B.A. (Michigan State University); M.A.; Psychology

Frances Harris Ratheal, Columbus; B.A. (Houston Baptist University); M.A.; Education

Marjorie Ellen Rauschert, Clifton, NJ; B.S. (Florida State University); M.S. (University of Washington); Home Economics

Phillip Leslie Redrick, Huntsville, AL; B.S. (Alabama Agricultural and Mechanical College); M.A.; Education

John P. Richard, Columbus; B.S.; Chemistry

Judith Eleanor Rink, Columbus; B.S. (State University of New York College at Cortland); M.S.P.E. (University of North Carolina, Greensboro); Physical Education

Robert McCollum Robinson, Jr., Katy, TX; B.A. (University of Texas, Austin); M.A.; Psychology

Laxley William Rodney, Race Course, Jamaica; B.Sc. (University of the West Indies); M.A. (Western Carolina University); Education

Robert Ronald Roehrich, Columbus; B.A. (Montclair State College); M.S. (State University of New York College at Oswego); Education

Carlos Armando Rojas, Columbus; Licenciado (University Pegeogica Nacional); M.A.; Education

Robert Lee Romig, Westerville; B.S., M.S.; Agricultural Education

Robert Lyle Roth, Jr., Columbus; B.S. (Massachusetts Institute of Technology); M.S.; Mathematics

Calvin Frederick Ruskaup, Columbus; B.S. (University of Missouri); M.A.; History

William Edward Russell, Shelbyville, TN; B.S. (Middle Tennessee State University); M.S. (Southern Illinois University); Agronomy

Paul Robert Sackett, Milwaukee, WI; B.A. (Marquette University); M.A.; Psychology

Gerald Roger Salzman, Bakersfield, CA; B.E. (University of Wisconsin, Whitewater); M.A. (California State College, Bakersfield); Education

Dennis Cyril Scanlon, Columbus; B.S., M.Ed. (Pennsylvania State University); Agricultural Education

Robert Edward Schafrik, Cleveland Heights; B.S. (Case Institute of Technology); M.S. (Air Force Institute of Technology); Metallurgical Engineering

Harriet Schmid, Kalamazoo, MI; B.S. (Wayne State University); M.A. (Western Michigan University); Education

Jonathan Carl Schonsheck, Syracuse, NY; B.A. (Valparaiso University); M.A. (University of Dayton); M.A.; Philosophy

Lisa Laura Schroeder, Salem, NY; B.A. (State University of New York College at Oswego); M.S.; Zoology

Kevin Makay Schumacher, Dayton; B.A., M.A.; Psychology

Michael Leroy Scott, Columbus; B.S., M.A.; Education

Ashis Sen Gupta, Calcutta, India; B.S., M.S. (University of Calcutta); Diploma (Indian Statistical Institute); Statistics

James Sewastynowicz, Columbus; B.A. (State University of New York at Buffalo); M.A.; Anthropology

George Meade Shaw, Logan; A.B.; Pharmacology

David Durell Simpson, Waukesha, WI; A.B. (Oberlin College); M.A.; Psychology

David James Sinton, Denver, CO; B.S., M.S. (Colorado School of Mines); Biomedical Engineering

Thomas Sidney Sloane, Morgantown, WV; A.B., A.M. (West Virginia University); Education

Caroline Heyward Sparks, Columbus; B.S. (Auburn University); M.A. (Tulane University); M.A.; Psychology

Mary Ann Stankiewicz, Columbus; B.F.A., M.F.A. (Syracuse University); Art Education

Jeanne McKeag Steele, Reynoldsburg; B.S. (Chatham College); M.S.; Education

James Carl Stevens, Columbus; B.A. (College of Wooster); Chemistry

Wesley Howard Sylvia, Columbus; B.A., M.A.; Psychology

Dawn O'Dwyer Taylor, Bellevue, WA; B.A. (University of Kentucky); M.A.; Psychology

Karen Marie Taylor, Billings, MT; A.B., M.A. (Gonzaga University); Psychology

Michael Eugene Thomas, Columbus; B.E.E. (University of Dayton); M.S.; Electrical Engineering

Kathleen Jane Tierney, Youngstown; B.A. (Youngstown State University); M.A.; Sociology

Thelma Jean Brookins Tippet, Chaucery; M.A.; Education

Michael Matthew Toner, Richmond Hill, NY; B.A., M.S. (Queens College); Physical Education

Mei-Mei Tsai, Taipei, Taiwan; B.S. (National Taiwan University); M.S. (University of Rhode Island); Pharmacy

Christopher Ofuonye Udoh, Ebu, Nigeria; B.S., M.A. (Western Michigan University); Health Education (Physical Education)

Francis Paul Urtz, Columbus; B.A. (Le Moyne College); M.A.; Psychology

Robert Charles Valentini, Lafferty; B.S. (Carnegie-Mellon University); M.S.; Mathematics

Pablo Virumbrales, Madrid, Spain; Licenciatura (Universidad de Madrid); M.A.; Romance Languages and Literatures

Sent Visser, Austin, TX; B.A., M.A. (University of Auckland); Geography

Michael Frank Wagner, Columbus; B.A. (Texas A & M University); M.A.; Philosophy

Dennis Lee Warmke, Columbus; B.A. (University of Florida); M.A.; Psychology

George William Watt, Colorado Springs, CO; B.S. (University of Wyoming); M.S. (Air Force Institute of Technology); Metallurgical Engineering

Theo Weir, Huntsville, AL; B.S. (Alcorn Agricultural and Mechanical College); M.S. (Bradley University); Education

Shu-Huan Weng, Taipei, Taiwan; B.S. (National Taiwan University); M.A. (Oberlin College); Chemistry

Larry Lee Wiese, Pickerington; B.S. (University of California); M.S.; Physics

David Mitchell Willis, Meigs, GA; B.A. (Mercer University); M.A.; English

Jacob John Wolf III, Columbus; B.S., M.S. (University of Toledo); M.S.; Computer and Information Science

Mary Smart Wolfgang, Worthington; B.A. (Trinity College); M.S. (University of Pittsburgh); Education

Bruce I. Wolford, Circleville; B.S., M.A.; Education

Jerilyn Lazear Wolman, Columbus; B.S., M.A.; Psychology

Norman Charles Yakel, Regina, Canada; B.Ed., B.A. (University of Regina); M.A. (Stanford University); Art Education

Hossain Yazdanpanah, Abadeh, Iran; B.A. (Teacher Training College); B.S. (University of Tehran); M.S. (Indiana University); Education

Henry Andrew Zimon, Columbus; B.S. (United States Military Academy); M.A.; Geography

Carol Brevik ZumBrunnen, Redmond, WA; B.S. (Saint Cloud State College); M.A.; Education

Master of Accounting

Linda Marie DuBois, Woodfield; B.S. (Miami University); Accounting

Christopher Guy Farmer, Columbus; B.A. (Ohio Wesleyan University); Accounting

Sek Lun Lai, Hong Kong; B.B.A. (Ohio University); Accounting

Rebecca Chuang-Hwa Leng, Taipei, Taiwan; Bachelor of Business Administration (National Taiwan University); Accounting

James F. Nordrum, Lucasville; B.S. (Drake University); Accounting

S. Mark Young, Worthington; A.B. (Oberlin College); Accounting

Master of Applied Statistics

Lawrence William Altmayer, Levittown, NY; B.A. Statistics (S.U.N.Y. at Buffalo); Statistics

Kristen Jeanne Bangham, Bay Village; B.A. (Ohio Wesleyan University); Statistics

Boo-Yau Shu, Taipei, Taiwan; Bachelor's (Taiwan); Statistics

Master of Architecture

Judith-Ann Millen Blaine, Washington, DC; B.S. in Arch. (University of Virginia); Architecture

Thomas Frank Klose, Xenia; B.S.Arch.; Architecture

Michael Wolfgang Lassel, Columbus; B.S.Arch.; Architecture

David Wenceslaus Sacha, Parma; B.S.Arch.; Architecture

Master of Arts

Ava Caren Adell, Mayfield Heights; B.S.Ed.; Education

Rowland Omodele Agbede, Igede-Ekiti, Nigeria; B.Sc. (University of Nigeria, Nsukka); M.C.R.P.; Public Administration

Hezkiah Aharoni, Columbus; B.S. (Youngstown State University); Physical Education

Sabina Onyekwelu Aladi, Orlu, Nigeria; B.A. (Miami University); Black Studies

Mary A. Alexander, Columbus; B.A. (Ohio Dominican College); Education

Jacqueline Anne Alkire, Columbus; B.A., B.Art Ed.; Art Education

Felicia Rudolph Anastasi, East Meadow, NY; B.A.; Psychology

Cynthia Arganbright Anderson, Columbus; B.S.Ed. (Otterbein College); Education

June Harriet Anderson, Grove City; B.S.Ed.; Education

Donna Roseberry Andres, Plain City; B.S. (Capital University); Education

Gladys Maud Archer, Kingston, Jamaica, W.I.; B.Ed. (University of the West Indies); Education

Joellen Rorie Ball, Columbus; B.S.; Education

John W. Bandow, Stevens Point, WI; B.S. (University of Wisconsin); M.A.; Physical Education

Ruth Ann Bariska, Joliet, IL; B.S.Phys.Ed. (University of Illinois); Physical Education

Christine Urban Barnes, Columbus; B.A. (Danison University); B.S. (Kent State University); Education

Edna Capshaw Barnhill, Gahanna; B.S.; Education

Marjorie Vaughn Baron, Marion; B.S.Ed.; Education

Melody Sue Bascom, Pataskala; B.S.; Education

Barbara Ann Basil, Columbus; B.S.Ed. (Ohio University); Education

Leslie Helen Bean, Yellow Springs; B.A. (University of Cincinnati); Psychology

Edward L. Beardshear, Columbus; B.A. (Ohio Dominican College); Journalism

Barry Lynn Beer, Mansfield; B.A.; Education

June Ellen Bender, Lancaster; B.S.Ed. (Ohio University); Education

Bonnie Berry, West Alexandria; A.A. (Sinclair Community College); B.A. (Miami University); Sociology

Michael James Berry, Maumee; B.A. (University of Toledo); Black Studies

Barbara Lynne Betz, Columbus; B.S.Ed.; Education

Gail M. Binkly, Colorado Springs, CO; B.S. (University of Southern Colorado); Journalism

Douglas Emerson Blandy, Columbus; B.S. (Ohio University); Art Education

Sue Elynn Blose, Bexley; B.S.Ed.; Education

Marcia J. Boberg, Bryan; B.S. (Iowa State University); Education

David Joseph Bodart, Fostoria; B.A. (Hanover College); Psychology

Darryl Gene Bojanowski, Columbus; B.Music Ed. (Otterbein College); Education

William F. Bornhauser, Newark; B.S.Ed.; Public Administration

John Mark Bowen, Upper Sandusky; B.A. (Wittenberg University); Physical Education

Janet Eileen Boyle, Bethel Park, PA; B.S.Journ. (West Virginia University); Journalism

Deborah Bradford-Forsblom, Columbia, SC; B.A. (Oberlin College); B.Mus. (Oberlin Conservatory); Music

Michael F. Bray, Shiloh; B.S.Ed.; Education

Deborah C. Broadway, Columbus; B.S.Ed. (Baldwin-Wallace College); Education

Mina Almette Brown, Hampton, VA; B.A. (Virginia State College); Education

Sherrod Campbell Brown, Mansfield; B.A. (Yale University); Education

Heather Bruce, Columbus; B.S.Ed.; Physical Education

Carmen Poinier Buckalew, Columbus; B.S.Ed.; Education

Daniel Timothy Buggs, Edgefield, SC; B.A. (Voorhees College); Political Science

Rose Marie Burke, Columbus; B.S. Health Services (California State University); Health Education (Physical Education)

Gary Burns, Mansfield; B.S.Ed.; Education

Robert William Butler, Columbus; B.A. (Northwestern University); History

David Allan Camp, Ashland; B.S. (Bowling Green State University); Education

Robert Dean Cavin, Dayton; B.S.; Physical Education

David Gideon Chambliss, Petersburg, VA; B.M.; Music

Cynthia Jane Chapman, Dover; B.S.Ed.; (Bowling Green State University); Physical Education

Elizabeth Weldon Chapman, Mission, KS; B.A. (California State University); Psychology

Patricia A. Child, Columbus; B.S., B.S.Ed.; Education

Carin M. Chmielniak, Buffalo, NY; B.S.Ed.; (Bowling Green State University); Education

Karen Stump Ciula, Gahanna; B.S.Ed. (Ohio University); Education

Scott Hurlley Clark, Las Cruces, NM; B.S. (Michigan State University); Dance

Diana Lynn Cline, Columbus; B.A., M.S.W.; Public Administration

John Spofford Clogston, Olcott, NY; B.A. (Saint Lawrence University); Journalism

Sarah Henderson Cobes, Willard; B.S.Ed.; Education

Susan Brinkman Coffman, Lomira, WI; B.S. (Wisconsin State University); Education

Leesa C. Cohen, Croton-on-Hudson, NY; B.A.; B.S. (Boston University); Communication

Elaine B. H. Cook, Mansfield; B.S.Ed.; Education

Nancy L. Cooke, Columbus; B.S.Ed.; Education

Lance Craig Coon, Columbus; A.B. (Kenyon College); English

Loretta Diane Copeland, Cairo, GA; B.S. (Fort Valley State College); Journalism

Ann McCary Corley, Atlanta, GA; B.A. (University of North Carolina); Classics

Glorialuz Correa, Bogota, Colombia; B.A. (Javeriana Universidad); Psychology

Sylvia Linda Cotter, Columbus; B.A. (Ohio Dominican College); Education

Diane Daily Cox, Delaware; B.S. (Otterbein College); Education

Denise Darcel Crews, Greensboro, NC; B.S. (Winston-Salem State University); Education

Carolyn Marie Croll, Columbus; B.S.Ed. (Bowling Green State University); Education

Wilbur Hoke Currie, Jr., Carthage, NC; B.A. (Presbyterian College); Physical Education

Mollie Bodamer Dana, Lancaster; B.S. (Ohio University); Education

Shamita Das Dasgupta, Calcutta, India; B.S.; Psychology

Laura Lee Dearth, Bellville; B.S.Ed.; Education

Ruth Ann Dearth, Bellville; B.S.; Education

Karen Goetz Deighton, Delaware; A.B. (Heidelberg College); Education

Dagem Dejene, Yirgalem, Sidamo, Ethiopia; B.A. (Denison University); Black Studies

Lanell Elizabeth Delco, Houston, TX; B.S.Ed. (Ohio Dominican College); B.A.Ed. (Spelman College); Education

Dennis J. DeLong, Newcomerstown; B.S.Ed. (Kent State University); Education

Bryan Gene Denton, Claridon; B.S.Ed.; Education

Claude John Desrosiers, Winslow, ME; B.S. (University of Maine); Physical Education

Thomas Joseph Diebold, Newark; B.S.Ed.; Education

Sara Lee Dietrich, Painesville; B.A. (Wittenberg University); Education

Marguerite P. Diggs, Columbus; B.S.Ed., M.A.; Journalism

Joseph F. Dinger, Bellville; B.S.; Education

Linda Louise Dobbins, Piqua; B.M.E. (Wittenberg University); Music

William P. Dougherty, Columbus; B.M.E. (Illinois Wesleyan University); Music

Bonnie Lee Duckworth, Columbus; B.S.Ed.; Education

Lorraine Joan Duff, Columbus; B.S.Ed. (Ohio Dominican College); Education

Herbert R. Durtschi, Galion; B.S.; Physical Education

Stephen I. Edelman, Toledo; B.A.; Education

Julia Beatrice Johnson Edwards, Arcadia, FL; B.S.Ed. (Florida Memorial College); Education

Delesilynn Elston, Talladega, AL; B.A. (Talladega College); Education

Robin Laverne Elzia, Albany, GA; B.S.Ed. (Albany State College); Education

Barbara Ingle Emerick, Columbus; B.S.Ed.; Education

Waverly V. Espie, Columbus; B.S.; Education

Janet Laurentia Fallon, Boston, MA; B.A. (Albertus Magnus College); Communication

Carol Ann Ferraco, Verona, PA; B.S. (Slippery Rock State College); Physical Education

Karen Virginia Fife, Columbus; B.A.; Public Administration

Tohanna Lynn Fino, Columbus; B.S.Ed. (Otterbein College); Education

Maria Fiorelli, Pickerington; B.S.; Communication

Lynda Jo Fisher, Clovis, NM; B.S. (Eastern New Mexico University); Education

William Arthur Fishinger, Jr., Columbus; B.S.Ed.; Education

Patricia Louise Fitzgerald, St. Louis, MO; B.S.Ed.; Education

Stanley Wayne Fluck, Powell; B.S.Ed.; Education

Jon Patrick Fobes, Kingsville; B.A., Jour., B.S.Ed.; Journalism

Gerard Lee Folz, Springfield; B.S. (Northwestern University); Physical Education

J. Kevin Ford, Bethesda, MD; B.S. (University of Maryland); Psychology

Richard Wallace Foreman, Columbus; B.S.Ed.; Education

Anne Marie Foster, West Lafayette; B.S. (Texas Woman's University); Physical Education

Mollie Peters Frampton, Columbus; B.S.Ed. (Kent State University); Education

Deborah Rose Fristad, Columbus; B.A. (College of Saint Catherine); Music

Bonnie Foster Gahn, Columbus; B.S.N. (College of Mount Saint Joseph on the Ohio); Education

Carleton John Galley, Huntsville, AL; B.S. (Alabama A & M University); Health Education (Physical Education)

Lydia O. Gardner, Gloucester, VA; B.A., Journ. (Norfolk State College); Journalism

Barbara Vinings Gatzulis, Chillicothe; B.S.Ed.; Education

Brenda A. Rouse Gibson, Columbus; B.A.; Education

Ronna L. Gibson, Columbus; B.S.Ed. (Ohio University); Education

Steven M. Gopp, North Canton; B.A. (Malone College); Education

Catherine Marie Gordon, Cincinnati; B.A. (Fisk University); Education

Elizabeth Gertsch Gray, Granville; B.S. (University of California, Los Angeles); Education

Susan Jane Grosvenor, Whitehall; B.A.Ed. (Capital University); Education

Carol M. Grove, Shelby; B.S.; Education

Janis H. Gruenhagen, Columbus; B.S. (University of Minnesota); Education

Regina Gunsett, Columbus; B.A. (University of Michigan); Interdisciplinary: Biophysics Psychology

Shannon M. Haberman, Marion; B.S.Ed. (Ohio Dominican College); Education

Craig Randall Hadley, Hilliard; B.S.Ed.; Education

Wanda Marie Hadley, Dayton; B.S.; Education

Lisa Mary Haines, Binghamton, NY; B.S. (State University of New York College at Brockport); Physical Education

John Michael Halaiko, New Lexington; B.A. (University of Akron); Education

Gweynn Marie Hampel, Caledonia, NY; B.S.Ed. (Ashland College); Physical Education

Gail Maynard Hamrick, Romeo, MI; B.A. (Central Michigan University); Education

Elizabeth Lynn Hardiman, Tampa, FL; B.S. (University of Tennessee); Physical Education

Donna Jo Harris, Columbus; B.S.Ed. (Miami University); Education

Gene T. Harris, Columbus; B.A. (University of Notre Dame); Education

James Leroy Harris, Marshallville, GA; B.S.Mus.Ed. (Fort Valley State College); Music

Norma B. Harris, Columbus; B.S.El.Ed. (Kent State University); Education

Denise S. Harrison, Columbus; B.S.Ed.; Education

Sue Dever Headley, Bucyrus; M.S. (Syracuse University); Education

Diane Lee Hedge, Somerset, PA; B.S.Ed.; Education

Regina Lynette Hedgeman, Hyattsville, MD; B.S. (Bowie State College); Education

Rebecca Sue Helbert, Ashland; B.A. (Mount Union College); Education

Susan Leslie Samuels Hill, Longwood, FL; B.A. (University of West Florida); Education

Doris R. Hillegas, Marysville; B.S. (Cedar Crest College); Education

Benny Blythe Hitch, Columbus; A.B.Ed. (Nebraska Wesleyan University); Education

Hsuen-Chung Ho, Taipei, Taiwan; B.S.Eng. (Taiwan); Industrial Design

Douglas W. Hoehn, Cleveland; B.A. (Cleveland State University); Theatre

Ellen Holtsclaw, Woodsfield; B.S.; Education

Dennis Scott Hoobler, Dellroy; B.S.Bus.Adm.; Physical Education

Joyce Elaine Hotchkiss, Dublin; B.A. (Paterson State College); Education

Terrance Michael Hubbard, Cleveland; A.A. (Cuyahoga Community College); B.S.; Education

Gayle Larner Huckeby, St. Charles, MI; B.S.Ed. (University of Michigan); Education

Meleesa Anne Hunt, Columbus; B.A.; Education

Constance Overstreet Hunter, Nicholasville, KY; B.S.Ed. (Central State University); Education

Lois M. Hunter, Gahanna; B.S.; Education

William Barrett Hurlbut, East Hartford, CT; B.A. (Miami University); Theatre

Monica Noetzel Hurley, Cleveland; B.S.Ed. (University of Virginia); Education

Robert Scott Ingraham, Columbus; B.S., M.B.A.; Business Administration

Jeff R. Ingram, Marthaville, LA; B.A. (Louisiana State University); Geography

Frances Marian Irvin, Mount Vernon; B.S.Ed. (Ohio University); Education

Dragomir N. Ivcevic, Beograd, Yugoslavia; Diploma (University of Belgrade); Industrial Design

Deborah Ann Jackson, Columbus; B.S.; Education

Jeffrey Michael Jackson, Columbus; B.A. (University of California, San Diego); Psychology

Jill Kristin Jacobson, Columbus; B.F.A. (Ohio Wesleyan University); Dance

Nadine James, Mobile, AL; B.S. (Alabama A & M University); Communication

Daniel William Jax, Springville, NY; B.A. (State University of New York at Buffalo); Education

Linda Thalia Johanssen, Cambridge; B.S.Ed.; Education

Carolyn Johnson, Philadelphia, PA; B.S. (Cheyney State College); Education

Hyacinth L. Johnson, Willmar, MN; B.S. (University of Minnesota); Education

Mae DeLois Page Johnson, Salisbury, MD; B.A. (University of Maryland, Eastern Shore); Black Studies

Jill Walden Johnstone, Bay Village; B.S.Ed. (Bowling Green State University); Education

Jerry Lee Jones, Newark; B.S.Ed. (Ohio University); Education

Marlene Lenora Jones, Elyria; B.S. (University of Cincinnati); Communication

Marna B. Jones, Columbus; A.B. (Indiana University); M.S.W.; Public Administration

Mollie Janet Jones, Tabb, VA; B.S. (Hampton Institute); Health Education (Physical Education)

Wesley Allan Jones, Circleville; B.S.; Education

Wendy Paula Joseph, Columbus; B.A. (Ohio Wesleyan University); Education

Andrew Mark Juhas, New Castle, DE; B.A. (Ohio University); M.S.W.; Public Administration

Gail Weinberg Kadetz, Columbus; B.M.E.; Music

Juley Zimmerman Kahn, Dayton; B.A. (University of Cincinnati); Communication

Ana S. Kalinke, Columbus; (Universidad Tecnical del Estado); Education

Paula Weinstein Kaufman, Philadelphia, PA; B.A. (Temple University); Communication

Thompson Uriah Kay, Columbus; B.S.El.Ed. (Oakwood College); Education

Shirley Thomas Keitz, Columbus; B.A.; Education

Gary Edward Kelly, New York Mills, NY; B.S. (State University of New York College at Brockport); Education

Louann S. Kent, Zanesville; B.S.; Education

Allan Wayne Kenworthy, Bexley; A.A. (Los Angeles Valley College); B.A. (California State University, Northridge); Education

Birgitta Krauss Ker, Worthington; B.A. (Muskingum College); Education

John Robert Kesler, Columbus; B.S.Ed.; Education

Allyson Stacil Keys, Washington, DC; B.A. (Oberlin College); Education

Darryl Charles Kilbert, New Orleans, LA; B.A.El.Ed. (Dillard University); Education

James E. Kimble, Jr., Cuyahoga Falls; B.S. (Mount Union College); Education

Joanne Buchar Kitchen, Columbus; B.A.; Education

Martha S. Klafy, Cincinnati; B.A. (Elmira College); Education

Judith Marie Klobucar, Utica, MI; B.S.El.Ed. (Oakland University); Education

Erich Arnold Klompfmaier, Holland, MI; B.A. (Calvin College); German

Suzanne Marie Koebel, London, England; B.A. (Harvard University); M.S.W.; Public Administration

James E. Kozman, Columbus; B.S.; Education

Christiane Kraemer, Mannheim, West Germany; Zwischenprüfung (University of Heidelberg); German

Stephen Lee Krammes, Columbus; B.A. (Ball State University); Education

Jamey Ann Kroplin, West Milton; B.A., M.A.; Communication

June Williams Kuhn, Bucyrus; B.S.Ed.; Education

Janet Parkhurst Kundert, Kettering; B.S.Ed. (Otterbein College); Education

Chieh-Wen Lai, Taipei, Taiwan; B.S. (National Taiwan University); Psychology

Brenda Pellegrini Land, Newark; B.S.Ed. (Youngstown State University); Education

Shirley Jones Latshaw, Worthington; B.A. (College of Wooster); Education

Phyllis Lawrence, Chicago, IL; B.A. (Livingstone College); Education

Shirley Feltz Lawton, Westerville; B.S.Ed. (Wittenberg University); Education

Brenda Louise Henry Leake, Columbus; B.Ed. (University of Toledo); Education

Donald Oneal Leake, Columbus; B.Ed. (University of Toledo); Education

Jean Lee Thorburn Lebold, Columbus; B.S.Ed. (Bowling Green State University); Education

David Paul Lewis, Columbus; B.A. (Capital University); Education

Gail Andrea Lewis, Brooklyn, NY; B.S. (Central State University); Education

Deborah Kay Lies, Cincinnati; B.S.Ed. (Miami University); Education

Gary Robert Limbach, Grove City; B.S.Ed.; Education

John Hoke Liston, Vermilion; B.A. (Northwestern University); Journalism

Mary Callier Little, Columbus; B.A. (Dillard University); Education

John Paul Littlejohn, Columbus; B.S.Bus.Adm.; Physical Education

Jeanie Elizabeth Lloyd, Winston-Salem, NC; B.A. (Wilmington College); English

Linda Louise Locher, Oreland, PA; B.A. (Dickinson College); M.A.; Psychology

Nancy Hegwood Loik, Columbus; B.A.; Education

Judith M. Long, Newark, B.S.Ed. (Bowling Green State University); Education

Harry Lopez, Brooklyn, NY; B.S. (State University of New York College at Brockport); Political Science

Catherine Ross Loveland, Powell; B.A. (Western College for Women); Education

Bettie Jeanne Luidhardt, Bucyrus; B.A. (Wittenberg University); Education

Carol A. Lyons, Dublin; B.A.El.Ed. (Mercyhurst College); Education

Debra Renee Mack, Orlando, FL; B.S. (Bethune-Cookman College); Education

Gary Dennis Madden, Pataskala; B.S.Ed.; Education

Robert Charles Maier, Eden, NY; B.A. (Saint Lawrence University); German

Kathy Wright Main, Kettering; B.S.; Education

Susan Jo Marantz, Chicago, IL; B.A. (Carleton College); Education

Gamila ElLozy Mardini, Cairo, Egypt; B.A. (American University in Cairo); Education

Thomas L. Marendt, Indianapolis, IN; B.A.; Education

Gary L. Martin, Toronto; B.S., M.Ed. (Xavier University); Journalism

James W. Martin, Milford Center; B.A. (Otterbein College); Education

Katherine Maggie Martin, New York, NY; A.A. (Staten Island Community College); B.A. (Richmond College); Black Studies

Meredith Ann Martin, Westerville; B.A. (Otterbein College); Education

Carrie LaVerne Mason, Columbus; B.A. (Ohio Dominican College); M.A. (State University of New York at Binghamton); Journalism

Joan Hay Mastell, Columbus; B.S.Ed.; Education

Jean Ann Maxwell, Old Greenwich, CT; B.S. (Denison University); Communication

David Charles McCarty, New Carlisle; B.S.; Education

Thomas James McElligott, Columbus; B.S.Ed.; Physical Education

Linda Eakin McFadden, Columbus; B.S.Ed.; Education

Barbara Jane Cynthia McIver, Jacksonville, NC; B.A. (Livingstone College); Education

Sandra Moore McKee, Groveport; B.A.; Education

Debra Ann McMillan, Lumberton, NC; B.S. (Winston-Salem State University); Education

Mary Lee Paisgrove McMullen, Canal Winchester; B.S.El.Ed. (Capital University); Education

Margaret Ann Means, Akron; B.S. (George Peabody College); Education

Ray Spencer Meigs, Jr., Camden, NC; B.S. (University of North Carolina); Education

Irene Ruth Meltzer, Valley Stream, NY; B.A. (Bennington College); Dance

Larry Philip Mentz, Houston, TX; B.S. (University of Houston); Psychology

Dorothy Bradford Merrilees, Cambridge; B.S.Ed.; Education

Edward Robert Miersch, Cinnaminson, NJ; B.S. (Springfield College); Physical Education

Linda Marie Miles, Hopewell, VA; B.A. (Virginia State College); Education

Gwenyth Ann Weller Miller, Richwood; B.S.Ed.; Education

Helen Herber Miller, Columbus; B.A. (Oklahoma State University); Education

Linda L. Miller, Worthington; B.S.; Physical Education

Steven Douglas Miller, Delaware; B.S. (Purdue University); Education

Sue R. Mitchell, Westerville; B.A. (Heidelberg College); Education

William Ray Mitchell, Mansfield; B.S.Ed. (Ashland College); Education

Karen Hurd Moellman, Gahanna; B.A. (Cleveland State University); Communication

Michael Gerard Mohrman, Columbus; B.A. (University of Notre Dame); M.S.W.; Public Administration

Thomas Steven Molnar, Columbus; B.S.Ed.; Education

David J. Moore, Mansfield; B.S.; Industrial Design

Linda Moosbrugger, Columbus; B.S.Ed.; Education

Virginia Ann Morelli, Columbus; B.S.Ed.; Education

Dawn L. Morgan, Euclid; B.S.S.W.; Education

Queen Ester Morgan, Waterloo, SC; B.S. (South Carolina State College); Education

Rickey Lee Morgan, Point Pleasant, WV; B.A. (West Virginia Wesleyan College); Psychology

Alison Brown Mueller, Phoenixville, PA; B.S.; Communication

Charles Ernest Mustard, Columbus; B.S.Ed.; Education

L. Allen Myers, Columbus; B.S.; Education

Marilyn Price Nachtman, Columbus; B.A. (Newton College); M.A.; Education

Frances Deckert Najafizadeh, Columbus; B.A. (Bluffton College); Education

Judith Ann Nelson, Littleton, CO; B.A. (Lawrence University); Education

Ruth Demmy Nester, Dublin; B.S.Ed. (Kent State University); Education

Patricia Ann Newcomb, Kettering; B.A. (Rockford College); Education

Nancy S. NgDung, Columbus; B.S.Ed. (Ohio Dominican College); Education

Patricia A. Nicholls, Logan; B.S.El.Ed. (Huntington College); Education

Janet L. Nicholson, Bucyrus; B.S.; Education

David Bertram Nickerson, Columbus; A.B. (Delaware State College); B.D. (Crozer Theological Seminary); M.Div. (Ashland Theological Seminary); Black Studies

Wilbert Reuben Norman, Jr., Washington, DC; B.A.; Diploma (German Film and Television Academy); Photography and Cinema

Jerry S. Nuckles, Grove City; B.A. (Ohio Northern University); Education

Zakaria Namusfweli Nyongesa, Kapatalelia, Kaptama, Kenya; B.A. (Friends University); Black Studies

Karen Lynn Oberrath, Mansfield; B.A. (Wittenberg University); Education

Chibuzo Nwadamuko Obike, Umuahia, Nigeria; B.S. (University of Nigeria); Education

Daniel James O'Brien, St. Paul, MN; B.A. (Metropolitan State University); Education

Patrick J. O'Brien, Columbus; B.A. (University of Toledo); Education

Susan Ann Okula, Columbus; B.A. (University of Connecticut); Journalism

Gretchen Bentz O'Neill, Newark; B.A.; Education

Diane Morton Oney, Worthington; B.S.Ed.; Education

Jean Marie Ontrop, St. Henry; B.S.Ed.; Education

Susan M. Osborne, Des Plaines, IL; B.A. (Wittenberg University); Physical Education

Sandra Carol Osterholtz, Steubenville; B.S.Ed.; Education

Patti Louise Overholt, Columbus; B.A.; Education

Beth Ellin Owen, Galloway; B.M. (Capital University); Music

Charles Lovett Palmer III, Columbus; B.S.; Education

Nancy Jane Palmer, Columbus; B.A. (College of Wooster); Journalism

Jacqueline Elizabeth Paris, Elyria; B.A. (North Carolina Central University); Journalism

Melissa Anne Parker, Waycross, GA; B.S. (University of North Carolina); Physical Education

Yvonne Patricia Parker, Atlanta, GA; B.S. (Oakwood College); Education

Janifer Janet Partch, St. Cloud, MN; B.A. (Hamline University); M.A.; Public Administration

James Paul Perry, Springfield; M.S.W. (Indiana University); Ph.D.; Public Administration

Veronica Malcolm Petru, Willard; B.S.Ed.; Education

Sara M. Pfaff, Columbus; B.A. (Washington University); Education

Scott Michael Pharion, Columbus; B.A. (Ohio Dominican College); Education

Steven William Phillips, Columbus; B.S.Ed. (Miami University); Education

Linda L. Plecha, Youngstown; B.S.Ed.; Education

James Connor Porter, Jr., Asheville, NC; B.A. (University of North Carolina, Chapel Hill); Black Studies

Patricia Ann Porter, Columbus; B.A. (Ohio Dominican College); Education

Margaret Louise Prater, Mansfield; B.S.Ed. (Ashland College); Education

Emma Varchmin Pritchard, Mansfield; B.S.Ed.; Education

Ann K. Pruitt, Alderwood Manor, WA; B.A.; Education

David Calvin Quatman, Celina; B.A.; Education

Mildred Creager Quinn, Columbus; B.A.; Psychology

Lynnette M. Radigan, Martins Ferry; B.S.Ed.; Education

Karen Sue Ragen, Cincinnati; B.S.Ed.; Physical Education

Kathryn Yvonne Rainey, Norfolk, VA; B.S.El.Ed. (Norfolk State College); Education

A. Francis Anthoni Raj, Tiruchirappalli, India; B.A. (Madras University); M.A. (Madras University); Journalism

Linda Schermer Raphael, Columbus; B.S.Ed.; History

Esther Eleze Nettles Rauch, Mobile, AL; B.A. (Fisk University); English

Edward William Raymond, Shaker Heights; B.A. (Hanover College); Physical Education

John William Redman, Portsmouth; B.S.Ed. (Ohio University); Education

Cynthia Moore Reeves, Marion; B.S.Ed. (Otterbein College); Education

Robin S. Reid, Johnstown; B.S.; Education

Rosemary Plyley Renshler, Frankfort; B.M.E. (Capital University); Music

John Lawrence Rhode, Wooster; B.S., M.S.; Photography and Cinema

Phyllis Louise Rich, Bellefontaine; B.S.Ed. (Ohio University); Education

Ayo Olukavode Roberts, Lagos, Nigeria; B.A. (Central State University); Black Studies

Nancy Lou Roberts, Columbus; A.B. (University of Chicago); Education

Charles D. Robinson, Alexandria, VA; B.A. (American University); History

Linda L. Robinson, Troy; B.S.; Cert. in Dental Hygiene; Education

Joel Rosenfeld, Poughkeepsie, NY; B.S. (Springfield College); Physical Therapy Cert. (University of Pennsylvania); Physical Education

Allen William Ross, Columbus; B.A.; Education

Bradford Dwight Routson, Columbus; B.S.Ed. (Ohio University); Education

William Lester Rowley, Canton; B.S.Ed. (Bowling Green State University); Education

Susan W. Roy, Columbus; B.B.A. (Ohio University); Education

Margaret Lean Ruffin, Weldon, NC; B.A. (Saint Augustine's College); Education

Robert James Rushing, Columbus; B.A.; Education

Barbara Jean Saddler, Bradford, PA; B.A. (Wilberforce University); Black Studies

Mary A. Sadowski, Swanton; B.S.Ed. (Bowling Green State University); Art Education

Nancy Elise Sagle, Galion; B.S.; Education

David Glenn Sanders, Columbus; B.S.Ed.; Education

Lewis L. Sarr, Mt. Gilead; B.S. (Bowling Green State University); Education

Margie Diane Saul, Marion; B.S.Ed.; Education

Kim Lauren Saunders, Beachwood; B.S. (Miami University); Communication

Grant Theodore Savage, Eastford, CT; B.A. (University of Connecticut); Communication

Steven Dennis Scanlon, Columbus; B.A.; Education

Lauren Lee Schaefer, Delaware; B.S. (Miami University); Education

Karen Robertson Scheerer, Shelby; B.S.Ed.; Education

Mary M. Scheithauer, Grove City; B.S.Ed.; Education

Thomas Anthony Scheuermann, Willoughby; B.S.; Education

Keith N. Schlarb, Coshocton; B.S.; Education

Kenneth Leo Schneider, Pickerington; B.S.Ed.; Education

Marian Elois Barrett Schnetzer, Columbus; B.S. (University of Dayton); B.S.Ed.; Education

Merritt Dean Schreiber, Palos Verdes, CA; B.A. (University of Southern California); Psychology

Edda Niebel Schurter, Columbus; B.A., B.S.; Education

Michael Henry Schutz, Reisterstown, MD; B.A. (Eastern Nazarene College); Education

William J. Schwartz, Rochester, NY; B.S.; Psychology

Debra Lynn Schweikert, New Castle, PA; B.A. (Ohio Wesleyan University); Psychology

Denise Volk Seavey, Albuquerque, NM; B.A. (University of New Mexico); Education

Dennis Michael Shanahan, Columbus; A.B. (University of Notre Dame); English

David Randall Shearer, Westerville; B.A.; History

Rita Jean Sheets, Fort Wayne, IN; B.A. in Special Education (Ball State University); B.A. in Deaf Education (Ball State University); Education

Lynne Marie Shineman, Westerville; B.F.A. (University of Nebraska); Art Education

Charles Vernon Simpson, Westerville; B.S. (Kent State University); Education

Nancy Clark Sinks, Sidney; B.S.Ed. (Miami University); Education

Barbara Gail Skillman, Columbus; B.S.Ed.; Education

Sarah Suzanne Skrzypczek, Pine Grove, WV; A.B. (West Liberty State College); Education

Christy Richards Slavik, Columbus; B.S.Ed.; Education

Gary E. Smith, Willard; B.S.; Education

Susie Smith, Milan, TN; B.S. (Lane College); Education

Stanley Phillip Snouffer, Worthington; B.A.E., B.F.A.; Art Education

Nancy J. Snyder, Delaware; B.S.Ed. (Bowling Green State University); Education

Judith Ann Somerlot, Columbus; B.S.Ed. (Bowling Green State University); Education

Phyllis R. Sosnick, Queens, NY; B.A. (State University of New York at Albany); Education

Vicki Williams Starkey, Columbus; B.A.; Journalism

Rochelle Fatt Steinberg, Granville; B.A., M.S.W.; Public Administration

Peter J. Steve, Youngstown; B.S. (Bowling Green State University); Education

Jeffrey J. Stevens, Newark; B.A. (Providence College); Education

Marilyn Galvin Stewart, Columbus; B.A.E.; Art Education

Sheila Woods Stokes, Toledo; B.Ed. (University of Toledo); Public Administration

Kathy Rose Strohl, Newark; B.S.Ed.; Physical Education

Jeri Lyn Studebaker, Springfield; B.A., M.A.; Education

Carl Brice Subich, Mansfield; B.F.A.; Photography and Cinema

Laura Ann Sussman, South Euclid; B.S.; Physical Education

Kay Darlene Sykes, Columbus; B.S. (Ashland College); Education

Constance Huntington Taylor, Westfield, NJ; B.A. (Denison University); Physical Education

Cassandra Lee Tellier, Westerville; B.A. (Capital University); Art Education

James Edward Thoma, Butler, PA; B.S. (Grove City College); Physical Education

Laura Jean Thomas, Griffith, IN; B.S. (Ball State University); Education

Nina Louise Thomas, Fowlstown, GA; B.A. (Talladega College); Education

Beryl Katherine Thompson, Columbus; B.A. (University of Nebraska); Education

Emma Lester Tolliver, Columbus; B.S. (Wright State University); Education

Carolyn Dian Williams, Evergreen, AL; B.S. (Alabama A & M University); Communication

Shabbar Nuruddin Charania, Karachi, Pakistan; M.S.; Business Administration

Lawton Tootle, Jesup, GA; B.S. (Florida Atlantic University); M.S. (University of Rhode Island); Dance

Claudine D. Williams, Sedalia; B.S.Ed.; Education

Mary Ann Coffeen, Springboro; B.B.A. (Ohio University); Business Administration

Kim Koch Toussant, Columbus; B.A.; Public Administration

Cynthia E. Williams, Amherst; B.A. (College of Wooster); Education

Connie Louise Delker, South Bend, IN; B.S.B.A. (University of Dayton); Business Administration

Audrey P. Trotter, Columbus; B.S.Ed.; Education

Rita A. Williamson, Portsmouth, VA; B.S. (Hampton Institute); Communication

Joseph G. Friedman, Shaker Heights; B.S.Bus.Ad.; Business Administration

Joyce Lela Updegraff, Athens; B.S.Ed. (Baldwin-Wallace College); Education

Ronald Emory Williamson, Buckeye Lake; B.S.; Education

Susan Lynne Gregory, Middleburg Heights; B.A. (Ohio Wesleyan University); Business Administration

Kurt T. Vander Horst, Celina; B.A. (Calvin College); Physical Education

Rodger Bruce Wilson, Columbus; B.F.A.; Art Education

Jack G. Groseclose, Galena; B.S.Bus.Ad.; Business Administration

Kurt Jay Van Meter, Lima; B.A. (Kalamazoo College); Education

Susan H. Winer, Poughkeepsie, NY; B.S. (State University of New York College at New Paltz); Education

Jeanne Hartig, Columbus; B.A. (Allegheny College); M.A.; Business Administration

Marilyn Ann Greer Vashinder, Mt. Vernon; B.S.Ed. (Ashland College); Education

Barbara Mowery Wise, Columbus; B.S.N. (Ohio University); Education

Gordon Mark Homleid, Cincinnati; B.A. (Purdue University); Business Administration

Delores Ann Wagstaff, Newbern, AL; B.A. (Talladega College); Education

Lynda Kay Wolfe, Toledo; A.B. (Oberlin College); Psychology

Sylvester E. C. Igwegbe, Amanator, Nigeria; B.Sc.Bus.Ad. (West Virginia State College); Business Administration

Charlene Marie Waite, Columbus; B.S.Ed.; Education

Doris Lyvonne Woodie, Coshocton; B.S.Ed. (Muskingum College); Education

Anthony U. Inegbemor, Uromi, Nigeria; B.Sc. (Lagos, Nigeria); Business Administration

Jeffrey Anthony Wald, Whittier, CA; B.A. (Whittier College); Music

Joyce Iris Doerner Yates, Delaware; B.S.Ed.; Education

Susan Katherine Kostoff, Columbus; B.S.Bus.Ad.; Business Administration

Vivian A. Walsh, Trenton, NJ; B.A. (Trenton State College); Communication

Tunku Zailan Bt. T. Zakaria, Kuala Lumpur, Malaysia; B.A. (University of London); Art Education

Charles William Krallman, New Albany; B.Sc.Bus.Ad. (West Virginia State College); Business Administration

Mary Ann Walter, Westerville; B.S.Ed.; Education

ViLora Lyn Zalusky, Columbus; B.A. (Randolph-Macon Woman's College); Education

Clark Baker Lawrence, Columbus; B.S.; Business Administration

Sister Mara Walton, Buffalo, NY; B.S. (Daemen College); M.A.T. (State College of Washington); Education

Karen Diane Zemba, Independence; B.A.; Communication

William Cecil Middlebrook, Meridian, MS; B.S.Bus.Ad. (California State University); Business Administration

Andrea Phyllis Warnick, Fredonia, NY; B.S. (Cornell University); Psychology

Susan Carter Zimmer, Columbus; B.A. (Oberlin College); M.A. (University of Toronto); Education

Robert Louis Moehrman, Jr., Columbus; B.S.; Business Administration

Joyce R. Wasserstein, Brooklyn, NY; B.A. (University of Rochester); Psychology

Master of Business Administration

John L. Watkins, LaRue; B.S.; Music

Eddward P. Ballinger, Upper Arlington; B.A., J.D., M.B.A.; Business Administration

Cynthia A. Morse, Dayton; B.A. (Boston University); M.L.S. (University of Washington); Business Administration

Deborah A. Watson, Blue Point, NY; B.S. (State University of New York College at Brockport); Physical Education (Health Education)

Leonard Walter Barbe, Maumee; B.S. (John Carroll University); Business Administration

William Lee Nagel, Youngstown; B.S.; Business Administration

Robert Allen Watson, Columbus; B.A.; English

Neil M. Bergman, Brooklyn, NY; B.A. (Brooklyn College); Business Administration

Michael E. Nylin, Columbus; B.S., M.Arch; Business Administration

Deborah Renita Webster, Huntsville, AL; B.S. (Oakwood College); Education

Rebecca Beazley Bodart, Atlanta, GA; B.A. (Hanover College); Business Administration

Robert Alan O'Malley, Cincinnati; B.S.Bus.Ad.; Business Administration

Ronald David Weimer, Jr., Belpre; B.Music (Ohio Wesleyan University); Music

Richard U. Boening, Youngstown; B.A. (Marietta College); Business Administration

Hun Young Park, Columbus; B.B.A. (Seoul National University); Business Administration

Julie Ann Welborn, Portland, OR; B.S. (University of Oregon); Physical Education

Timothy David Brown, Columbus; B.S. (Pennsylvania State University); Business Administration

Maneasha Razdan, Hisar, India; B.S., M.S.; Business Administration

Robert Paul Walker, Columbus; B.A., B.S.; Education

Michael Louis Brue, South Charleston; B.S., M.S. (Miami University); Business Administration

Dwight Eric Smith, Springfield; B.S.; Business Administration

Gerald Wayne Welsh, Oshawa, Ontario, Canada; B.S.Ed.; Physical Education

Peter D. Bursik, Columbus; B.S.Ed.; Business Administration

Paul Raymond Streibig, Upper Arlington; B.S.Bus.Ad.; Business Administration

Catherine Joiner Wheeler, Columbus; B.A. (Talladega College); Education

Charles R. Butler, Columbus; B.B.A. (Ohio University); Business Administration

Peter Charles Tomaselli, Rochester, NY; B.S. (Rochester Institute of Technology); Business Administration

Sylvia Elaine White, Preston, CT; B.A. (University of Connecticut); Communication

Charles R. Butler, Columbus; B.B.A. (Ohio University); Business Administration

Jay Kent Tomlinson, Homewood, IL; B.A. (Blackburn College); M.S.; Business Administration

Carol Marie Wilkins, Columbus; B.A. (Ohio Dominican College); Communication

Jacqueline Denise Carter, Edwards, MS; B.S. (Jackson State University); Business Administration

John F. Waldorf, Jr., Reynoldsburg; B.S.Bus.Ad.; Business Administration

Michel Glower Weinrich, Columbus; B.S.Bus.Adm.; Business Administration

Martin Alan Weiss, University Heights; B.A. (Ohio University); Business Administration

Christopher Gunnar Widing, Columbus; B.S.Bus.Adm.; Business Administration

Master of City and Regional Planning

Shirley Fen-Whey Koh, Taipei, Taiwan; Bachelor of Laws (National Cheng-chi University); City and Regional Planning

Robert B. Leventry, Marysville; B.A. (Miami University); M.A.; City and Regional Planning

Steven H. Lutz, Nankin; B.S.Arch.; City and Regional Planning

Michael Thomas Millilo, Phoenix, AZ; B.S. (University of Arizona); City and Regional Planning

Robert Bruce Stephenson, Merritt Island, FL; B.A. (Florida Southern College); City and Regional Planning

Master of Fine Arts

Anne F. Downes, Concord, MA; B.F.A.; Art

Anthony Faiola, Seneca Falls, NY; A.A. (Finger Lakes Community College); B.F.A. (State University of New York College at New Paltz); M.A. (State University of New York at Albany); Art

Alan Fomorin, Columbus; B.A. (Nicholls State University); Art

Deborah E. Neuberger, Columbus; B.A. (Otterbein College); Art

John Waters Rae, Jr., New Smyrna Beach, FL; B.F.A. (University of Tennessee); Art

Michael Loyd Sarchet, Fort Worth, TX; B.F.A. (North Texas State University); Art

Roseanne Sassano, Cleveland; B.F.A. (Cleveland Institute of Art); Art

Master of Health Administration

Debora Ann Chebatoris, Bridgeville, PA; B.A. (University of Pittsburgh); Allied Medical Professions

Sondra Lee Earley, Canton; B.S.; Allied Medical Professions

Paul Ehrenreich, Belmont, MA; B.A. (University of Rochester); Allied Medical Professions

Edward Christian Hansen, Jr., Rocky River; B.A. (Miami University); Allied Medical Professions

John Martin Hutchens, Jacksonville, IL; B.S. (University of Illinois); Allied Medical Professions

John J. Marsh III, New Philadelphia; B.S., M.S.; Allied Medical Professions

Robert Paul Mullen, Youngstown; B.A. (Case Western Reserve University); Allied Medical Professions

Sister Marygrace Polino, Columbus; B.A. (Rosary Hill College); Allied Medical Professions

Robert E. Smanik, Berea; B.S. (Heidelberg College); Allied Medical Professions

Joseph William Taylor, Wilmington, DE; B.A. (University of Tennessee); Allied Medical Professions

Arthur Mitchel Wheeler, Grove City; B.S.; Allied Medical Professions

Larry Leroy Younger, Canton; B.S., B.S.B.A. (University of Akron); Allied Medical Professions

Master of Labor and Human Resources

George K. Kronenberger, Columbus; B.A.; Labor and Human Resources

William Anthony LaFramboise, North Olmsted; B.A.; Labor and Human Resources

Mark Nelson Woyar, Broadview Heights; B.S.; Labor and Human Resources

Master of Music

Jenifer Ann Bennett, Fairfax, VA; B.M.E. (James Madison University); Music

Susan Elaine Jenkins, Wilmington, DE; B.S. (University of Delaware); Music

Michael W. Mills, Knob Noster, MO; B.Music (Central Missouri State University); Music

Lynnette Port Peffley, Mansfield; B.A. (Bethel College); Music

Ronald Henry Saul, Kerhonkson, NY; B.Music (Northwestern University); Music

Lindsay Ayer Smith, Stony Brook, NY; B.Music (Heidelberg College); Music

Louis Anthony Vaughan, Columbus; B.Music; Music

Master of Public Administration

Douglas Reed Elliott, Jr., Eaton; B.A.; Public Administration

Richard Emerson Hill, Toledo; B.S.; M.S.; Public Administration

Craig H. Hubler, Granville; B.A.; Public Administration

Darby Dee Myers, Columbus; B.A.; Public Administration

Master of Science

Patrick W. Adams, Mogadore; B.S.; Microbiology

Carin Akesson, Valdivia, Chile; Pharmacist (University of Uppsala); Pharmacy

George Frederick Albright, Willard; B.S.; Agricultural Education

Ziyad Al-Hajj, Dammam, S. Arabia; B.S.; Agricultural Economics and Rural Sociology

Scott Allen Anderson, Brecksville; B.S.; Welding Engineering

Anthony Ikechukwu Ashiofu, Asaba, Nigeria; B.Sc. (University of Nigeria); Geodetic Science

Carolynn G. Aurnou, Columbus; B.S. (City University of New York Hunter College); Nursing

Kim Lee Autio, Xenia; B.S.; Cert. Grad. Dent.Hyg.; Allied Medical Professions

Ann Elizabeth Barnes, Alexandria, VA; B.S. (Wake Forest University); M.S.; Computer and Information Science

Peggy Jean Barnum, Columbus; B.S.; Nursing

Clinton David Beaver, Columbus; B.S. Nat. Res.; Natural Resources

Roger P. Beck, Columbus; B.S.E.E.; Electrical Engineering

Terryl Lee Beck, Tiffin; B.S.Ed.; Agricultural Education

Wayne Maurice Beedle, Baltimore; B.S.; Computer and Information Science

Bonnie J. Bobula, Richfield; B.S.; Zoology

Lydia Bock, Columbus; B.Sc. (Technion); Civil Engineering

Barbara Lynn Fisher Bott, Columbus; B.S.; Allied Medical Professions

Donald Justin Breece, Lima; B.S.; Agricultural Education

Mark P. Bridgen, Arnold, PA; B.S. (Pennsylvania State University); Horticulture

Howard William Brown III, Columbus; B.S.C.E.; Civil Engineering

Robert Lynn Brugler, Bellefontaine; B.S. (Bowling Green State University); Natural Resources

Bruce Douglas Bugbee, Columbus; B.S.E.E.; Electrical Engineering

Geoffrey Lathrop Bull, Westerville; B.S. (Virginia Military Institute); Nuclear Engineering

Margaret Kathleen Burns, Columbus; B.S.Nurs.; Nursing

William Daniel Campbell, Toronto; B.Sc.; J.D. (University of Denver); Engineering Mechanics

James A. Chatfield, Lancaster; B.S. (Ohio University); Plant Pathology

Philip Hopok Cheng, Columbus; B.S.; Engineering Mechanics

Grace L. Chiu, New York, NY; B.S. (Polytechnic Institute of New York); Chemistry

Anthony Chukwura, Ouitsha, Nigeria; B.Sc. (University of Ibadan); Agricultural Economics and Rural Sociology

Carmen R. Cid-Benevento, New York, NY; B.A. (New York University); Botany

Paul H. Cohen, Sunrise, FL; B.S. (University of Rhode Island); Industrial and Systems Engineering

Janet Lynn Cole, Delaware; A.A. (County College of Morris); B.A. (Capital University); Home Economics

Barbara Gail Conery, Ashland; B.A. (Otterbein College); Chemistry

Douglas Jay Cosler, Xenia; B.S.; Civil Engineering

Andrew Arthur Cosner, Barboursville, WV; B.S.M.E.; Mechanical Engineering

Patricia S. Costello, Erlanger, KY; A.B. (Thomas More College); M.S.; Statistics

Richard Patterson Crump, Piqua; B.S.; Agricultural Education

Charles Walter Dantzer, Columbus; B.S.M.E.; Mechanical Engineering

Dan William Davies, Columbus; B.A. (Miami University); Zoology

Frances Hutcheson Davis, Columbus; B.S.N. (San Francisco State College); Nursing

Warren B. Davis, Brooklyn, NY; B.S. (Rensselaer Polytechnic Institute); Electrical Engineering

David Lee Dietz, Dayton; B.S.; Agricultural Education

Frank Herbert Douce, Columbus; B.S.; Allied Medical Professions

Dale William Drollinger, Medina; B.S.; Bio-Medical Engineering

Donald G. Edwards, Columbus; B.S.; Statistics

James Madison Elder III, Middletown; B.S.; Agricultural Education

Jeffrey Scott Ernst, Portage, WI; B.S.E.E. (University of Wisconsin); Electrical Engineering

Joyce Hinson Estes, Ashtabula; B.S.N. (Case Western Reserve University); Nursing

Jeffrey Lynn Eubank, New Paris; B.S.; Animal Science

Mary Lou Nichols Fairall, Pataskala; B.S.; Home Economics

Lawrence Anthony Fantozzi, Columbus; B.S.C.E.; Civil Engineering

Vahid Faridani, Tehran, Iran; B.S.C.E. (Tehran Polytechnic); Civil Engineering

E. Linda Ferris, Georgetown; B.S.; Agricultural Education

Judy D. Foster, Fredericktown; B.S. (Ohio University); Home Economics

Michael A. Franchek, Imperial, PA; B.S.E.E.; Electrical Engineering

Malcolm James Fraser, Jr., Columbus; B.S. (Wheeling College); Entomology

Debbie Cannon Freece, Columbus; B.S.Nurs.; Nursing

Robert C. Friedmann, Mineola, NY; B.A. (Colgate University); Chemistry

Linda Chambers Gallogly, Columbus; B.S.; Nursing

Erika Garfunkel, Dayton; Doctor of Odontology (Universidad Central del Ecuador); Dentistry

Bruce L. George, Buffalo, NY; B.S. (Cornell University); M.S. (Midwestern State University); Electrical Engineering

Theodore Jon Godo, Whitehall; B.S.; Geology and Mineralogy

Carol Hilty Goodrich, Belle Center; B.S.Tech. (Bowling Green State University); Home Economics

Joshua S. Greenfeld, Bat-Yam, Israel; B.A. (Tel-Aviv University); Geodetic Science

Amy Sue Greentree, Columbus; B.S. (University of Cincinnati); Nursing

Christine Ann Gregory, Miles City, MT; Diploma (Saint Vincent's School of Nursing); B.S.Nursing (Montana State University); Nursing

Robert Christian Griffis, Rochester, MI; B.S.Computer Engineering (University of Michigan); Computer and Information Science

Dilip Kumar Gupta, Ranchi, India; Bachelor of Technology (Kanpur University); Metallurgical Engineering

Miriam Gutierrez-Ferguson, Lima, Peru; B.A. (Kent State University); Agricultural Economics and Rural Sociology

Karen Ann Hamill, Seneca Falls, NY; B.A. (State University of New York College at Geneseo); Computer and Information Science

Vivian Harrington, Thomasville, NC; B.S. (North Carolina Central University); Home Economics

Kim Scott Harris, Cherry Hill, NJ; B.S. (Purdue University); Physiological Chemistry

Timothy Alan Harvey, Columbus; B.S.C.E.; Civil Engineering

Peter K. Hayes, Washington Court House; B.S. (Trinity College); Electrical Engineering

Carole Ellen Hermon, Lima; B.S.H.E.; Home Economics

Keith Evan Herold, Akron; B.S.M.E. (University of Akron); Mechanical Engineering

Gregory A. Herrin, Dayton; B.S.I.S.E.; Industrial and Systems Engineering

Debbie Renee Hillman, Covington, GA; B.S. (South Carolina State College); Home Economics

Alexander Hinko, Scranton, PA; B.S. (Pennsylvania State University); Environmental Biology

Jan Sigve Hoftun, Sauda, Norway; Cand. Mag. (University of Bergen); Physics

Jeanne M. Hogarth, Avon Lake; B.S.Education (Bowling Green State University); Home Economics

Ronald Edward Houser, Omaha, NE; D.V.M. (University of Missouri); Veterinary Preventive Medicine

Hai-Kuang Huang, Columbus; B.S. (National Cheng-Kuang University); Electrical Engineering

Ferdinand V. Huber III, Canton; B.S.Nat.Res., B.S.Food Tech.; Horticulture

Ajibola Olutoyin Ibidunni, Lagos, Nigeria; B.S.Met.E.; Metallurgical Engineering

Mohd. Azmi Ibrahim, Kuala Trengganu, Malaysia; B.Agric.Sc. (University of Malaya); Agronomy

Samuel Osariemen Olufemi Ikhabehba, Ekpoma-Ishan, Nigeria; B.S. (Wilberforce University); Physiological Chemistry

Phyllis Kuhnle Irvine, Worthington; B.S.Nursing, M.S. (Miami University); Nursing

Billy Aliu Hamed Isah, Auchil, Nigeria; B.S. (University of Ibadan); Geodetic Science

Ruby Jane Irwin Jackson, Zanesville; B.S. (Andrews University); Home Economics

Thomas I. Jackson, Fairborn; B.S. (Wright State University); Mechanical Engineering

Barbara Ann Jacoby, Wickliffe; B.S., M.A.; Ceramic Engineering

Hector J. Jimenez, San Juan, Puerto Rico; B.Sc. (University of Puerto Rico); Mechanical Engineering

David Thomas Johnson, Seattle, WA; B.S.Elect.Engr. (University of Washington); M.S.Elect.Engr. (University of California, Berkeley); Computer and Information Science

Francis Marion Johnson, Jr., Richmond, VA; B.S. (New York State College of Agriculture, Cornell); D.V.M. (New York State College of Veterinary Medicine, Cornell); Veterinary Clinical Sciences

Steven F. Johnson, Des Plaines, IL; B.S. (DePaul University); Computer and Information Science

Steven W. Johnson, Louisville; B.S. (Ashland College); Agricultural Education

Adnan Hassan Kaki, Jeddah, Saudi Arabia; B.S.Electrical Engineering B.S.Applied Mathematics (Purdue University); Electrical Engineering

Paul Milton Kalmbach, Upper Sandusky; B.S.I.S.E.; Agricultural Economics and Rural Sociology

Katsumi Kamemura, Tokyo, Japan; B.Engineering, M.S. (Waseda University); Engineering Mechanics

Christine Davis Karns, Kettering; B.S.Agr.; Agricultural Education

Barbara Jean Kellerstrass, Xenia; B.S.N. (Wright State University); Nursing

Jim E. Kensey, Commercial Point; B.S.; Agricultural Education

Norma E. Kern, Homeworth; B.S.; Home Economics

Roni Sue Kersey, Wilmington; B.S.; Animal Science

Bahman Khosravi-Sichani, Ahwaz, Iran; B.S. (Aryamer University of Technology); Electrical Engineering

Nancy L. Kienow, Brainerd, MN; B.S.N. (Miami University); A.D. (Sinclair Community College); Nursing

Carol Lehane King, Columbus; B.A., B.S.N. (Case Western Reserve University); Nursing

Robert Vincent Kinney, Jr., Columbus; B.S.; Microbiology

Karen Hines Kissling, Columbus; B.S.; Allied Medical Professions

Stephen Douglas Kitko, Fallentimber, PA; B.S. (Pennsylvania State University); Electrical Engineering

Jane Sinnott Klucsik, Bethlehem, PA; B.S.N. (College Misericordia); Nursing

Karen Houk Knauff, Chillicothe; B.S.Nutrition; Home Economics

Kwang Baik Ko, Seoul, Korea; B.S.C.E.; Civil Engineering

Russell Robert Konst, Columbus; B.S.M.E.; Mechanical Engineering

Janet Marvene Kreh, Bucyrus; B.S. (Baldwin-Wallace College); Home Economics

Swatchai Kriengkraipet, Bangkok, Thailand; B.Eng. (Chulalongkorn University); Geodetic Science

Lu Ann Lafrenz, Bennett, IA; B.S. (Iowa State University); Home Economics

Rita Rowland Lane, Springfield; B.S.H.E.; Home Economics

Pamela Ann Lang, Canton; B.S.N. (Ohio University); Nursing

Eugene Huen-Chee Lee, Hong Kong; B.S. Engineering (Southern Illinois University); Electrical Engineering

Kyung W. Lee, Seoul, Korea; B.E.E.E. (Yonsei University); Electrical Engineering

Beth J. Lenoble, Columbus; B.S. (Rutgers University); Entomology

Louise Abigail Linden, Bowling Green; B.S.; Chemical Physics

Colleen Marie Lovelace, West Jefferson; B.S.Nutrition; Home Economics

Susan Pamela Magnacca, Minneapolis, MN; B.S.; Allied Medical Professions

Lovejoy Mulambo Malambo, Monze, Zambia; B.Sc. (University of Zambia); Agricultural Economics and Rural Sociology

Donald G. Marchlenski, Wheeling, WV; B.S. (West Virginia University); Computer and Information Science

Sami Fouad Mardini, Cairo, Egypt; B.Eng. in E.E. (American University of Beirut); Electrical Engineering

Cathie Sue Marshall, Columbus; B.S.; Zoology

Randall Jay Matlow, Galena; B.S.N.R.; B.S.Ed.; Natural Resources

Sarah Barnhardt Maxwell, Columbus; B.S.N. (Duke University); Nursing

Michael Lee McCullough, Urbana; B.S.; Agricultural Economics and Rural Sociology

Kathleen LaRue McGrath, Stoutsville; B.S.; Home Economics

Rhonda Lee McKimpson, Moline, IL; B.S. (Iowa State University); Metallurgical Engineering

Terry Lynn McNally, Mansfield; B.S.N. (Kent State University); Nursing

Mary E. Meade, Columbus; B.S. (Michigan State University); Home Economics

John Kurt Mehl, Columbus; B.A. (Wittenberg University); Medical Microbiology

Vicki Lynn Melvin, Minford; B.S. (Ohio University); Home Economics

Dale Allan Messner, Uniontown; B.S. (University of Akron); Bio-Medical Engineering

Ronald Dale Meyers, East Moline, IL; B.A. (Cedarville College); Chemistry

John William Miley, Sarahsville; B.S.; Agricultural Education

Jan G. Miller, Elida; B.S.Agr.; Agricultural Education

Charles G. Montgomery, Cincinnati; B.S. (University of Cincinnati); M.Ed. (Xavier University); Agricultural Education

Jeffrey Noble Morgan, Lima; B.A. (Miami University); Food Science and Nutrition

Elizabeth Morrison, Wheelersburg; B.S. (College of Saint Teresa); Nursing

Stephen R. Mullen, Columbus; B.A. (University of Kansas); Agricultural Education

Harold Lee Muncy, Cleveland; B.S.; Geology and Mineralogy

Le Xuan My, Columbus; B.S.I.E. (Texas Tech University); Industrial and Systems Engineering

Mary Anne Nacey, Elyria; B.S. (Purdue University); Dairy Science

Subbarao V. Narla, Vijayawada, India; B.Tech. (Banaras Hindu University); Ceramic Engineering

Laura Elaine Nick, Watertown, WI; B.S. Nursing (University of Wisconsin); Nursing

Mary Lou Noll, Adena; B.S.N. (Ohio University); Diploma in Nursing (Ohio Valley General Hospital); Nursing

Tae-II Oh, Pusan, Korea; B.S. Physics (Seoul National University); M.S. Mat. Science and Eng. (University of Utah); Ceramic Engineering

Obitor Geoffrey Okogbaa, Columbus; B.S.I.S.E.; Industrial and Systems Engineering

Ahmed Ibrahim Omoura, Sebha, Libya; B.Sc. (University of Tripoli); Electrical Engineering

Kevin Christopher O'Neil, Columbus; B.S. (Ohio University); Computer and Information Science

Susan J. Owen, West Carrollton; B.S.N. (Miami University); Nursing

Kenneth Lee Pavkov, Westerville; B.S.; Anatomy

Olivia Dianne Penn, Madison, NC; B.S. (Bennett College); Home Economics

Carla Garrett Phillips, Chillicothe; B.S. Nursing (Ohio University); Nursing

Catherine Anne Phillips, Kenton; B.S.H.E.; Home Economics

Ross Daniel Pickard, Otway; B.S.Agr. Agricultural Education

Joseph J. Pignatiello, Jr., Natick, MA; B.S. (University of Massachusetts); Industrial and Systems Engineering

William J. Pinnick, Wooster; B.S.; Chemistry

Terry Freutel Pitchford, Columbus; B.S.Ed.; Cert. Grad. Dent. Hyg.; Allied Medical Professions

Ortrun E. M. Pohler, Waldenburg, Switzerland; Max-Planck (Institut Fur Metallforschung); Metallurgical Engineering

Kenneth C. Price, Granville; B.A. (Olivet Nazarene College); Computer and Information Science

Charles Steven Radabaugh, Warsaw; B.S.; Poultry Science

Nancy Hutchins Rafferty, Clayton; B.S. (Kent State University); Home Economics

Diane Laura Rains, Cincinnati; B.S.; Natural Resources

M. Margaret Rayman, Lima; B.S.; Nursing

Dale E. Reaver, Millersport; B.S.; Zoology

Lee Meryl Huffman Reichenbach, LaRue; B.A.; Food Science and Nutrition

Kathleen Susan Reinecke, Columbus; B.S. (Syracuse University); Nursing

Daniel Joseph Riehle, Milford; B.S., M.S. (University of Dayton); Computer and Information Science

Jan-Hsia Wang Roberts, Taipei, Taiwan; B.S. (University of Michigan); Industrial and Systems Engineering

Kendall Carl Rogers, Fairborn; B.S.I.E. (University of Missouri); Industrial and Systems Engineering

Mary Catherine Tully Ross, Mt. Sterling, WI; B.S.N. (Viterbo College); Nursing

Sandra Kay Ross, Lebanon; B.S.Agr.; Agricultural Education

Valerie Vogelsong Rowland, Ironton; B.S.; Allied Medical Professions

Steven Wayne Rust, Hamilton; B.A. (Miami University); Statistics

Mukesh Rustagi, New Delhi, India; B.Tech. (Indian Institute of Technology); Electrical Engineering

Margaret Winkler Sanchez, Columbus; B.S. (Fairleigh Dickinson University); Microbiology

Cynthia R. Scheetz, Columbus; B.S.N. (North Park College); Nursing

- Fred William Schmidt, Cleveland; B.S. (Cleveland State University); Electrical Engineering
- Rodney Kent Schmidt, Covington; B.S.; Agricultural Education
- Robert K. Schneider, Sebastopol, CA; A.A. (Santa Rosa Junior College); B.S., D.V.M. (University of California, Davis); Veterinary Clinical Sciences
- Scott Randall Schnell, Apple Creek; B.S.; Natural Resources
- Ronald Gerald Schrote, Marion; B.S.I.S.E.; Industrial and Systems Engineering
- Michael Edward Schubel, Dayton; B.S.M.E. (Rose Polytechnic Institute); Mechanical Engineering
- Vickie Lynn Secrest, Portsmouth; B.S.N. (University of Kentucky); Nursing
- Jonathan J. Shackleton, Dublin, Ireland; B.A.Mod. (Trinity College); Environmental Biology
- Syed A. Majid Shah, Samundri, Punjab; B.Sc. (West Pakistan Agricultural University); Agricultural Engineering
- Linda Brandt Sherry, Marysville; B.S.H.E.; Home Economics
- Andrew A. Y. Shih, Taipei, Taiwan; B.S. (Chung-Yuan College of Science and Engineering); Industrial and Systems Engineering
- Joyce Ann Richardson Shireman, Fort Madison, IA; A.A. (Graceland College); B.S.N. (Kansas University Medical Center); Nursing
- Gene P. Shumaker, Xenia; B.S.M.E.; Mechanical Engineering
- Cheryl A. Shupe, Afton, NY; B.A. (Gettysburg College); M.A. (University of Florida); Computer and Information Science
- Denise Terri Silbert, Beachwood; B.S. (University of Arizona); Nursing
- Jerry Michael Skinner, Milford; B.S. (University of Akron); Zoology
- Jack W. Smith, Jr., Dunbar, WV; B.S. Physics (Virginia Polytechnic Institute and State University); M.D. (West Virginia University); Computer and Information Science
- Joseph J. Smith, Cincinnati; B.S.; Animal Science
- Nancy J. Smith, Mentor; B.Music (Capital University); Computer and Information Science
- Emile Snijders, Urbana; B.S.E.P., M.B.A.; Nuclear Engineering
- Stephen A. Sobel, Columbus; B.S., M.S. (Massachusetts Institute of Technology); M.B.A. (Harvard Business School); Computer and Information Science
- Arthur Barry Sorkin, Washington, DC; B.A. (George Washington University); D.D.S. (Howard University); Dentistry
- August Edward Spreitzer, Cleveland; B.S.; Zoology
- Richard Ira Stamm, Brentwood, NY; B.A. Chemistry (State University of New York College at Potsdam); Nuclear Engineering
- Robert Stanley Staron, Lyndhurst; B.S., M.S.; Anatomy
- Randall Blake Stonesifer, Littlestown, PA; B.S. (Pennsylvania State University); Engineering Mechanics
- Jen-Houne H. Su, Taipei, Taiwan; B.S. (National Central University); Engineering Mechanics
- Thomas Harold Sunkle, Newark; B.S.E.E.; Electrical Engineering
- Chenita Louise Suttle, Tuscaloosa, AL; B.S. (Stillman College); Computer and Information Science
- Clifford R. Swanson, Columbus; B.S.; Pharmacy
- Ronald L. Swerlein, Gahanna; B.S.E.P.; Electrical Engineering
- Connie Lee Sylvester, Columbus; B.A.; Allied Medical Professions
- Fu-Chung Teng, Taiwan; M.S.; Computer and Information Science
- Kok Wah Teoh, Kuala Lumpur, Malaysia; B.S., M.S. (University of Malaya); Statistics
- Larry Jay Thayer, Lancaster; B.S.E.E.; Electrical Engineering
- Richard S. Theksen, San Diego, CA; B.S. (San Diego State University); Geology and Mineralogy
- Diana Fearby Thomas, Carrollton; B.S. (University of Rochester); Nursing
- Kostas D. Tolios, New York, NY; B.S.E.E. (Manhattan College); Electrical Engineering
- Nancy Jane Treece, Arlington; B.S.; Nursing
- Lloyd David Umbaugh, Columbus; B.S. (United States Military Academy); Computer and Information Science
- Susan Jane Updike, Burgooon; B.S. (Bowling Green State University); D.V.M.; Veterinary Anatomy
- Donald Victor Veverka, Solon; B.S.Agr.; Animal Science
- Susan W. Von Gruenigen, Columbus; B.S.Ed.; Geodetic Science
- Schryll R. Walker, Marianna, AR; B.S. (University of Arkansas at Pine Bluff); Home Economics
- Maurice John Walsh, Shelby; B.S. (Pennsylvania State University); Entomology
- Marvin L. Watkins, Torrance, CA; B.A., M.S. (San Jose State University); Computer and Information Science
- Nancy Lee Weissler, North Bellmore, NY; B.S. (State University of New York College at Oneonta); Food Science and Nutrition
- Gregory James Wells, Hellertown, PA; B.A. (Susquehanna University); Chemistry
- Keith Brian Wheeler, Columbus; B.A. (Otterbein College); Poultry Science
- Evelyn Renee Wooten, Greensboro, NC; B.S. (North Carolina A & T State University); Home Economics
- Nurizan Yahaya, Taiping, Perak, Malaysia; B.Sc. (Louisiana State University); Home Economics
- Yah-Kong Yang, Columbus; B.S., M.S.; Computer and Information Science
- Gary L. Yarrow, Sioux Falls, SD; B.S. (South Dakota State University); Botany
- Wei Young, Taipei, Taiwan; B.S. (National Tsing-Hua University); Computer and Information Science
- Zdravko M. Zakman, Columbus; B.S.E.E.; Electrical Engineering
- Charles David Zarley, Zanesville; B.S.; Microbiology
- John Hennemann Zink, Flemington, NJ; B.S.E.E. (Clarkson College); Electrical Engineering
- Michael Angelo Zito, New Haven, CT; B.S. (University of Connecticut); Allied Medical Professions

Master of Social Work

Jean High Franks, Columbus; B.S.Soc.Wel., M.A.; Social Work

Mary Ann Troyanovich, New Athens; A.B. (Ohio University); Social Work

COLLEGES OF THE ARTS AND SCIENCES

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Alan John Burley, Trenton
Vinh Pham Buu, Columbus
Claude Edward Caldwell, North Ridgeville
Patricia Caldwell, Columbus
Melissa Ann Clark, Pickerington
Michael J. Comella, Dover
Deanna Kaye Cook, Cincinnati
Jeffrey Wayne Deep, Worthington
Matthew Lige Epling, Huntington, WV
Andrea Louise Ernst, Columbus
James Albert Fineran, Jr., Zanewille
William Henry Floyd, Hamilton
William Jackson Fulker, Troy
Jeffrey Ben Glass, Shaker Heights
Jennifer Frances Gormas, Cincinnati
James A. Gray, Columbus
Gwendolyn Jean Horsley, Columbus
Curtis Hough, Jr., Lorain
Michael Huler, University Heights
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Raymond J. Kurdziel, Lyndhurst
Angela Mary Martino, Reynoldsburg
Tracy Ashley Mollica, Worthington
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Matthew N. Osborne, Marion
Crystal L. Owen, Orange Park, FL
Steven Dana Portwood, Northfield
James Edward Ramey, Perrysville
Cheryl Sue Roof, Columbus
Mary Katherine Rose, Columbus
Sarah L. Sampson, Marysville
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Virginia Annette Shanaman, Uniontown, NJ
Charles G. Steinbower, Newark
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Glen L. Woodson, North Canton

COLLEGE OF MATHEMATICAL AND PHYSICAL SCIENCES

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Bachelor of Arts

Leo Enrique Rodriguez Diaz, Maracaibo, Venezuela

Bachelor of Science

Dale Grant Augustyn, Brecksville
Wilgus Burton, Jr., Miamisburg
David Wynn Carpenter, Lewisville
Jennifer Eunice Hoyte, Reynoldsburg
Gulseven Iyigun, Ankara, Turkey
Jill Ann Kallas, Johnstown
William Alvin Kinney, Bedford, MA
Anne Roberta Kummerle, Toledo
Philip Alan Mishins, South Euclid
Douglas David Moseley, West Chester
Karen Ruth Newcomb, Columbus
Hagai Ohel, Columbus
Gene A. Oleynik, Columbus
Dewey A. Ortiz, Buffalo, NY
Kenneth E. Parsons, Bloomingdale

Mark A. Powell, Warren
James Edward Rogan, Mount Vernon
Martin Allen Schmidt, Columbus
Christopher W. Shoemaker, Columbus
Cynthia Marie Spada, Worthington
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COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES

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Bachelor of Arts

Frank Apraku Agyepong, Columbus
Constance Anne Ambrose, Euclid
Rowena Willey Ashton, Columbus
Joyce Kay Askew, Gallipolis
Rosemarie Baljak, Columbus
Robert Richard Barksdale, Jr., Columbus
Jana McGlade Basham, Columbus
Nancy Lynn Bassett, Worthington
Sally Ann Beatty, Lake Park, FL
Kevin Hamilton Bell, Columbus
Karen L. Bender, Westerville
Sheila A. Blockovich, Columbus
William E. Bogart, Marion
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Tammy R. Bush, Middletown
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Kathleen Barbara Clark, Medina
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Candace Lee Clause, Oakland, NJ
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Mark Heath Crossman, Cincinnati
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Diane B. Frederick, Brecksville
John S. Gallick, III, Columbus
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Michele J. Greene, Cleveland
Sophia St. Clair Griffith, Columbus
Jane Elizabeth Grindstaff, Columbus
Brian David Hass, Columbus
Janet Lynn Hausberger, Columbus
Rebecca J. Hoelzer, Castalia
Mark D. Holden, Olmsted Falls
Patrick Michael Homoelle, Hilliard
William Harold Hurley, Worthington
Adriane Estelle Jackson, Cincinnati
John Joseph Jacobs, Columbus
Gary Anthony Hickerson Jones, Cleveland
William Lawrence Kahn, Columbus
Deborah A. Kaple, Sidney
Sharon L. Keller, Columbus
Karri Lynn Kessler, Lancaster
James G. Kniep, Toledo
Jane Krawczyk, Barrington, IL
Michael Andrew Kuna, Sidney
Clifford Thomas Labyk, Broadview Heights
Colleen S. Linzy, Toledo
Patrick M. Long, Lima
Paul Philip Lonsinger, Utica
Rebecca Marie Manson, Columbus
Mark Brad Marein, University Heights
Dorinda Ann Mark, South Bend, IN
Rob F. Maurer, Columbus
Hope Ellis Mayer, Weston, CT
Yvonne Denise McCarrroll, Columbus
Samuel Jack McCoy, Cambridge
Michael Neal McDonald, Columbus

George Davidson McElfresh, Jackson
 Diane Marie McKelvie, Columbus
 Eric D. McLellan, Oxford
 Mitch H. Melfi, Columbus
 Mark Alan Mesec, Houston, TX
 Kathryn Anne Miller, Columbus
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 Terry Lynn Mitchell, Fairfield
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 Mary Lucia Neary, Columbus
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 Kathy Lynn Newman, Galion
 Soutana Nolidis, Willowick
 Louis Michael Ocepcek, Barberton
 Molly Helene Oser, Columbus
 Nannette G. Parcher, Columbus
 Kimberley Clara Pattillo, Cleveland
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 Stuart L. Perry, Dublin
 Formosa Reeves, Cleveland
 Karen Alexis Richardson, Columbus
 Cynthia Marie Rippey, Columbus
 Joyce Ann Rogers, Miamisburg
 Stephen Lynn Rogers, Columbus
 Joseph Ruolo, Lyndhurst
 Robin Elizabeth Russell, San Jose, CA
 Mary Kimberley Ryan, Columbus
 Charles Thomas Sapp, Columbus
 Scott Wilson Schiff, Columbus
 Joyce Eden Schumacher, Dayton
 Richard Earl Seaman, Columbus
 Karen N. Shaltry, Columbus
 Marcy Lynn Shenker, Lorain
 Laura Rene Shoup, Rittman
 Michael V. Sickels, Gallipolis
 Deborah Marie Siegle, Columbus
 Myra Jean Smith, Dayton
 Sandra Lynn Smith, Columbus
 Shari Ann Snow, Warrensville Hts.
 Kirie Lee Snyder, Export, PA
 Diane L. Sondergelt, Columbus
 Mark Joseph Stanziano, Conneaut
 Dianna Lynn Statler, Amherst
 Carolyn S. Stevens, Ontario
 Galen T. Stover, Celina
 Susan L. Tuatay, Columbus
 JoAnn Marie Turnquist, Wheaton, IL
 David Bruce Tyack, Delaware
 Caroline Stevens Vorys, Gahanna
 Gwendolyn Parker Webb, APO, NY
 Michelle Denise White, New York, NY
 Sheila Ann Williams, Toledo

Bachelor of Science

Suzann Kay Atkin, Columbus
 Nancy Ellen Bartter, Seville
 James G. Bennett, Akron
 Steven M. Black, Columbus
 Craig Melvin Butler, Columbus
 Winfield Scott Cartwright, IV, Newark
 Mark David Cloud, Columbus
 Joleen Marie Criss, Floyds Knobs, IN
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 Richard A. Edgar, Worthington
 Rebecca Ann Fullen, Columbus
 Mary P. Gorman, Columbus
 Lori Ann Grossman, Youngstown
 Nancy Jean Lobaugh, Columbus
 James T. Miller, Columbus
 Crystal Lynn Oswalt, Middletown
 Geraldine Finnerty Picone, Ashland

David Joseph Riccardi, Cleveland
 Susan Marie Swift, Columbus
 Nicholas William Telew, East Massillon
 Deborah Marie Telfer, Hubbard
 Cynthia Lee Whittington, Fairborn
 Steven John Womer, Columbus

Bachelor of Arts in Journalism

Emily Wirth Baumgardner, Columbus
 Deborah Marie Beck, Lima
 Raymond Anthony Berardinelli,
 Mayfield Heights
 Douglas A. Burnip, Lisbon
 Zoe Caron, Covington
 Gregory Mark Codispoti, Westerville
 Andrea D. Cunningham, Columbus
 C. Scott Dale, North East, PA
 Denise Louise Drake, New Holland
 Alonzo Maxwell Ellis, Jr., Columbus
 Dorothy Jean Gast, Kansas City, MO
 Robert Bruce Gelchion, Westfield, NJ
 Jon Gurian, Columbus
 Benjamin F. Harrington Hicks,
 Columbus
 Thomas Wirth Holden, Bexley
 Anthony Keith James, Wintersville
 Jane E. Johnson, Fairborn
 Teresa Suzanne Kaliszewski,
 Ashland, MA
 Robert Monson Lakin, Columbus
 Jerald Kipp Monroe, Harrison
 Beverly Jean Mullet, Mansfield
 Maria Marie Murdock, Ridgeway
 Deborah A. Neal, Columbus
 Robert S. Nugart, Columbus
 Terri Kim Petersen, Lancaster
 Debra Lynn Phillips, Columbus
 David Alan Pressler, Barberton
 James P. Prusak, Pittsburgh, PA
 Sandra Puskarcik, Campbell
 Brendalee Charlene Reese, Lancaster
 Michael Jeffrey Samet, Cincinnati
 Vera M. Simms, Canton
 Michael J. Sivillo, Cleveland
 Carolyn Lee Snavley, Toledo
 Margaret Mary Viviano, Sandusky
 Gregory Scott West, Norwich
 Maury William Williams, III, Dayton
 Amy Christine Wissner, Brecksville

**COLLEGE OF
 ADMINISTRATIVE SCIENCE**

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 Business Administration**

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 LaJoyce Ann Austin, Cleveland
 Robert Scott Avery, Alta Spring, FL
 Philip Joseph Barbee, Columbus
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 Charles Lanier Barnett, Jr., Galion
 Maureen Ann Barsnack,
 Mingo Junction
 Carol Lynn Bauer, Louisville, KY
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 Bradley Jay Beaver, Bexley
 Blair Jeffrey Berkley, Plain City
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 Gregory Paul Bilyk, Euclid
 Susan E. Bloomfield, Columbus

Kelly Ann Bonanno, Lima
 Kenneth Richard Boock, Worthington
 Gary Alan Boring, Newark
 Linda Sue Brake, Fredericktown
 Carolyn Rose Brauner, Columbus
 David E. Brehm, Aurora
 Gregg H. Brown, Lima
 Lisa Marie Bryan, Delphos
 Wayne William Buck, Columbus
 Bernardine Lewis Butler, Cleveland
 James Robert Caldwell, Columbus
 Paul Frederick Calhoun, Euclid
 Denise Arlene Clark, Buffalo, NY
 Edward Alan Cole, Hiram
 Patrick Allen Connor, Columbus
 Douglas Drake Cooper, Wintersville
 Lawrence Patrick Corbett, Columbus
 Chris Alan Coy, Columbus
 Janice Marie Crews, Columbus
 Karen Monique Cuartero, Rye, NY
 James Scott Cummins, Lima
 Mikel Brent Cummings, Waynesfield
 Robert Allen Dallmer, Hamilton
 Margaret Ellen Dempsey, Norwalk
 David Michael Dennis, Baltimore
 Christina Sue DeVore, Columbus
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 Barbara Jean Dowd, Richmond, VA
 Kenneth Edward Downs, Columbus
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 Muhammed Hanief Edwards, Gahanna
 Robyn Sue Engel, Beachwood
 James Patrick Fagan, Cleveland
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 Richard Thomas Farrell, Hudson
 John F. Flick, Poland
 Catherine Ann Gage, Granville
 George Keith Gamble, Gahanna
 Steven Ray Gandee, Columbus
 James Thomas Gardner, Cincinnati
 David Louis Garringer,
 Washington C.H.
 Bryan Kirk Gillen, Chesapeake
 Kimbirly Dixon Goebel,
 Ft. Lauderdale, FL
 Edward David Goedeking, Gahanna
 Dwayne Earl Gould, Columbus
 James Michael Gribble, Canton
 William Newton Griffin, III, Columbus
 Kelle Caroline Gross, Lima
 Kevin Eugene Gum, Fairborn
 Jeffrey Lin Haidet, North Canton
 Michael Brent Harrah, Sylvania
 Thomas Daniel Harvey, Cape Coral, FL
 Jonathan Valno Hatcher,
 Deer Park, NY
 Christopher P. Hebert, Columbus
 Patrick Lee Heinzman, Columbus
 David William Henry, Columbus
 Michael Carl Hornsby, Cincinnati
 Stuart Neil Hosansky, Columbus
 Cynthia Lynn Hughes, Circleville
 Perry Richard Humphrey, Burton
 Barry Thomas Irwin, Columbus
 Carla Jon Johnson, Greenville
 Terry Ann Johnson, Cincinnati
 Garry Louis Kanter, Cleveland Hts.
 Paul Francis Kauffhold, Dayton
 Penelope Anne King, Mentor
 Ronnie Lynn King, Dayton
 Gary Willard Kinman, Grove City
 Randi Cheryl Kirksey, Alliance
 Ann Francis Kirwan, Worthington
 Patricia Ann Kistner, Columbus
 Russell Bernard Klein, Middleburg Hts.
 Judith Ann Kuess, Celina
 Joyce Ann LaFontaine, Circleville
 Patricia Ann Lambert, Columbus
 Terry Hess Lambert, Clendenin, WV
 Judith Ann Leco, Bedford
 Marjorie Lee Lelli, Wintersville

Thomas John Leonard, Amherst
 Judith Levinson, Cleveland Heights
 Donald Bernard Liebrecht, Delphos
 Janet Lynn Ligo, Cincinnati
 Jeffrey Robert Lucas, East Liverpool
 Barry F. Luse, Marion
 Betty June Marketch, Warren
 Norman Richard Marks, Youngstown
 Ronald James Marks, Parma
 Allen Russell Martindale, Columbus
 Ronald M. Matheke, Euclid
 Michael Hugh McDevitt,
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 James Perry McDougall, Marion
 Alan David McDowell, Wadsworth
 Mark James McGory, Marion
 Jon Mark McGuire, Dayton
 William Hubert McKinley, Columbus
 James Robert McMillin, Jr.,
 St. Louis, MO
 Marvin Keith McNamara, Columbus
 Jeffrey Allan Meissner, Cleveland
 Josey Ramon Meila, Bronx, NY
 Kathleen Ann Mendel, East Moline, IL
 Allan Robert Meyers, Aurora Shores
 Mary Catherine Miller, Archbold
 Thomas Joseph Mitchusson, Cincinnati
 Robert L. Moore, Parma
 John Michael Morman, Kalida
 Mark Joseph Mraz, Fairview Park
 Carol Susan Munson, Cincinnati
 John Allen Myers, Gallipolis
 Mary Elizabeth Nash, Cuyahoga Falls
 Derl David Oberlin, Logan
 Gary Thomas Orth, Columbus
 Frederick Stephen Pagura, Columbus
 Charles Joseph Pardi, Columbus
 Frank Charles Patronik, Rossford
 Michael Edwin Pickett, Parma
 Mark E. Potts, Columbus
 Della Victoria Pugh, Cleveland
 James David Ragsdale, Strongsville
 Robert James Ray, Whitehall
 Ellen Marie Reeb, Westerville
 William Spencer Reno, Mt. Sterling
 James Douglas Richison, Columbus
 Douglas Meade Rickettes, Columbus
 Bonnie Boeshart Roberts, Danville
 Bryan Keith Robinson, Columbus
 Edward Frank Roell, Reynoldsburg
 Christopher Jay Rohde, Columbus
 James Mathew Rosenberger,
 Chagrin Falls
 Nina Frances Roslovic, Columbus
 Richard Anthony Roten, Columbus
 Mary Ann Rucker, Bryan
 Manjot Kaur Sandhu, Columbus
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 Alexander Frederick Schaefer, Salem
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 John Anthony Sebek, Reynoldsburg
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 Kathleen Marie Selner, Enon
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 Janet Lynn Simon, New Milford, NJ
 Mary Beth Simon, Parma
 Louis Paul Simone, Aurora
 Christine Ann Smith, Zanesville
 Gary Allen Smith, Poland
 James Leonard Smith, Marion
 Keith James Smith, Norwalk
 Alan Gordon Solomon, Cincinnati
 Kimberly Ann Spicer, Uniontown
 David Alan Stafman, Beachwood
 Michael Gene Stoddard, Toledo
 Donald Richard Stose, Jr., Prospect
 Theresa Lee Strombotne, Worthington
 Robert Laurence Tarnow, Jr.,
 Seneca Falls, NY

Ronald Alan Taylor, Coshocton
 Harry M. Tepper, Beachwood
 Paul Richard Theibert, Columbus
 James Richard Thompson,
 Potomac, MD
 Steve Aref Toukan, Columbus
 Alan Jeffrey Trotsky, Southfield, MI
 Carmella Sue Turner, Reynoldsburg
 David Alan Turner, Greenview
 Robert Howard Unger, University Hts.
 Christopher Lee Vail, Mt. Vernon
 William Donald Van Zile, Orrville
 Julianne Maria Verne, Columbus
 William J. Verner, Columbus
 David Arthur Vogt, Norwalk
 William Francis Vohsing, Columbus
 Michael Martin Wathen, Columbus
 Karen Elizabeth Webb, Columbus
 Barbara Lee Wetterstroem, Columbus
 Sharon Kay Wharton, Bay Village
 Christine Marie Wilhelm, Lakewood
 David Nissan Wilkenfeld, Lyndhurst
 Thomas D. Will, McArthur
 Gregory P. Wilson, Columbus
 Sylvan Les Wilson, Columbus
 Mary Margaret Wisler, Galion
 Richard Lee Wright, Columbus
 Thomas Eugene Zimmerman, Lima

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

Jerry Steven Gauthier,
 Moundsville, WV
 Sheryl Leigh Goerke, St. Louis, MO

**COLLEGE OF AGRICULTURE
 AND HOME ECONOMICS**

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

George Michael Boka, Mingo Junction
 Susan Gloss Breech, Gallipolis
 Richard Jeffrey Cassidy, Warren
 Judy Teresa Condit, Delaware
 Ronald Gene Cooper, Columbus
 Bix Lee DiMeo, Freehold, NJ
 Douglas Edward Dix, Franklin
 Jay Deaver Drinko, Columbus
 Michael Eugene Foshee, Stoutsville
 Dana Lynn Frotscher, Cincinnati
 Daniel Joseph Griffin, Cincinnati
 Michael Dean Hansley, Pickerington
 Michael Kenneth Henninger, Laura
 David Alden Irvin, Rayland
 Evelyn Frances Johnston,
 Jersey City, NJ
 Lynn K. Krielow, Chagrin Falls
 Jeffrey Alan Lee, Bellbrook
 Billie Jo Lindsay, Columbus
 Iris Cathy Magoss, Williamsville, NY
 Deborah Susan Marsik, Fairview Park
 Walter Theodore Meinert, Jr.,
 Cincinnati
 Jill Ryder Miller, Norwalk
 Michelle Kay Minuck, Columbus
 Daniel Floyd Olzak, Columbus
 Jeffrey Wayne Pahl, Lexington
 Bruce Frederick Paras, Bedford
 Keith Allen Pervatt, Jackson
 Ross Daniel Pickard, McDermott
 Donald James Richards, Jr.,
 Willowick
 Leslie Sharon Robkoff, Whitestone, NY
 Robin Rene Rowland, Galena
 Adela Ethel Ruberry, Delaware
 Daniel David Stahl, Canton
 Ronald Thomas Stiebler, Maumee
 Mark Alan Stober, Holgate
 Mark Andrew Sullivan, Summit, NJ

Craig Stephen Walcheck, Cleveland
 Daniel Brent Wunderlich, Marietta

**Bachelor of Science in
 Food Technology**

Steve Craig Garber, Beach City
 Steven Lewis Gast, St. Henry
 Robert Allen Parris, Columbus
 James George Revelos, Middletown
 Diane Marie Skurkay, Manassas, PA
 Therese Elizabeth Spirmak, Strongsville
 Rose Lee Vogelmann, Columbus

Bachelor of Science in Nutrition

Patricia Ann Hammel, Linden, NJ
 Aaron Kimberley Messer, Cincinnati

School of Home Economics

**Bachelor of Science in
 Home Economics**

Jyl Louise Auxter, Lindsey
 Karen Ann Beal, Columbus
 Lori K. Bright, Findlay
 Mary Clouse Brown, Columbus
 Pamela Marie Buccitelli, Columbus
 Lisa Christina Charles, Lorain
 Mary Jane Clapper, Canton
 Cheryl Elaine Coffey, Dayton
 Carolyn Ann Engelfield, Newark
 Penelope R. Ettinger, Mantua
 Marjorie Bernard Fogle, New Vienna
 Teresa Jean Forney, Cincinnati
 Monica Ann Giordano, Cincinnati
 Linda Sue Grubb, Marion
 Celia Marie Guarasci, Columbus
 Vicki Jane Haden, Reynoldsburg
 Barbara Sue Hall, Loudonville
 Nancy Lee Harris, Kenton
 Ann Elizabeth Heil, Lima
 Vicki A. Heisser, Cleveland Hts.
 Susan Elaine Heyard, Canton
 Michele Jo Hiltbrand, Salem
 Deborah Ann Holland, Cincinnati
 Nancy Ann Hugel, Willoughby Hills
 Patricia Ann Ille, Norwood, NJ
 Christine Kayser, Columbus
 Kathleen Ellen Kellner, Columbus
 Carol Ann Larimer, Reynoldsburg
 Allison Renee Lucas, Greenville
 Pamela Sue Lynch, Sabina
 Elnora Patricia Mays, Cincinnati
 Kimberly Kay Miller, Republic
 Sharon Kay Moseley, Bucyrus
 Linda Irene Noble, Columbus
 Helen Ohanian, Columbus
 Penny Lynn Oliver, Lancaster
 Karen Evette Pearson, Cincinnati
 Catherine Anne Phillips, Kenton
 Sally Coburn Rathje, Leesburg
 Marilynn Louise Ravotti, Leachburg, PA
 Joyce Sheeley Rickels, Xenia
 Cindy Lee Saddle, Warren
 Deborah Jane Saliaris, Worthington
 Lynn Patricia Samad, Akron
 Melanie Jane Sanders, Toronto
 Maureen Ann Sanderson, Columbus
 Vicki Lynn Schlesinger, Columbus
 Leslie Ann Smith, Columbus
 Elise Marie Sunderman, Westerville
 Beth Ann Townley, Spring Valley
 Susan Diana Tuttle, Columbus
 Nancy Ellen Walker, Mt. Vernon
 Karen Marie Washington, Cleveland
 Lynn Marie Wearsch, Columbus
 Andrea Westerhausen, Findlay

Bachelor of Science in Nutrition

Susan Ann Mills, Columbus

**Bachelor of Science in
Restaurant Management**

Nadine Sue Ishmael, Columbus
Deborah Lynn Korting, Columbus
Marilyn Ann Marko, Toledo
Kathy Lynn Rothacker, Fairview Park

School of Natural Resources**Bachelor of Science in
Natural Resources**

Susan Leigh Agler, Delaware
Clinton David Beaver,
Canal Winchester
Nicklas Paul Bernier, Hamilton
Richard Carl Bush, II, Warren
Randall Marshall Byers, Columbus
Sherri Lee Drabek, Lyndhurst
James Norbert Erney, Columbus
Richard Walter Foster,
Middleburg Hts.
Ronald Adams Glover, Westerville
Robert Richard Golaszewski,
Columbus
Douglas B. Huber, Columbus
Kerry Brian Kern, Clayton
Laura Rose Kliem, South Euclid
Susan Carol Komocar, Euclid
Michael Keith Maynard, College Corner
John Steven McEwen, St. Clairsville
Joseph Francis Norman, Canton
Daryl Alan Rench, Tipp City
Timothy James Roche, Bay Village
Michael Wilson Sandwisch, Oak Harbor
Stephen Brian Shepherd, Cincinnati
Edward Frank Sokach, Mentor
Dennis Eugene Solon, Loudonville
Sue Ellen Watkins, Hilliard
Terry Finley White, Millersport
Sylvia Jean Wong, Cleveland Heights
Samuel Clayton Young, Hillsboro

**Agricultural Technical
Institute - Wooster****Associate in Applied Science**

Lisa Michelle Brandenburg, Smithville
Andre Anthony Caruso,
Cuyahoga Falls
Steven Michael Cholley, Wooster
Catherine Marie Cifranic, Brook Park
Richard Alan Daugherty, Chardon
Mark Thomas Ehret, Whitehouse
Andrew John Falatic, Newton Falls
Nancy Jean Fields, LaRue
Martha Jane Fox, Youngstown
Marie Marie Hawkins, Sandusky
Carl Edward Holtkamp-Alguire,
Wooster
Albert Edward Jackson, Akron
Joseph Paul Krake, Struthers
Christopher Robin Lavelle, Barnesville
Thomas Michael Locke, North Madison
Gary Dale Lowe, Wooster
Gregg Eugene Marsh, Mechanicsburg
Susan Dawn Minium, Bay Village
J. Frank Muse, Monclova
Daniel Harry Phillips, Seville
Douglas Norwood Ramey, Lancaster
Cynthia Anne Shoaf, Brunswick
Lewis James Tucker, Mogadore

COLLEGE OF DENTISTRY

Dean: Charles L. Howell

Doctor of Dental Surgery

Alan John Burley, Trenton; B.A.
Franklin Alan Landers, Columbus
Lloyd William Marland, III,
Parma Heights; B.A.
Karen Sue Schichtel, Travers City, MI;
A.B. (Mount Holyoke College);
M.A. (Michigan State University)
Gary Samuel Tisch, Shaker Heights;
B.S. (Ohio University)

COLLEGE OF EDUCATION

Dean: Frederick R. Cyphert

Bachelor of Science in Education

Sandra Yvonne Alexander, Toledo
Kathy Sue Alzfan, Columbus
Leesa Marie Arko, Garfield Heights
Julia Kay Barnett, New Philadelphia
Mary Beth Bennett, Columbus
Sheryl Elaine Bennett, Fairborn
Jose Antonio Bermudez, Lorain
Patricia Ann Bonfini, Bellaire
David Lawrence Brown, Columbus
Eric Alan Brundage, Dayton
Marjorie Ellen Burke, Mt. Vernon
Kelley Ann Caswell, Akron
Michael Timothy Chitwood, Columbus
Fidelia Chinyere Chukwuma,
Columbus
Allan Wayne Clayborn, Columbus
Melissa Susan Clifford, Columbus
Cheryl Miller Cline, Reynoldsburg
Raymond Paul Corbett, Columbus
Leonard D. Crosley, II, Lima
Bradley Lane Crow, Cleves
John Paul Doherty, Columbus
Judith Marie Donnerberg, Columbus
Leslie J. Dudley, Bellevue
Neita Suzanne Dunham, Mansfield
Sarah J. Dunn, Columbus
Judith Ann Duplaga, Cuyahoga Falls
Barbara Carr Edwards, Grove City
Virginia Lee Epps, Massillon
Theresa Bresler Eversole, Lima
Kelley Brentlinger Faler, Columbus
Deborah Rose Feist, Dayton
Joan Louise Fiddle, Columbus
Joni Ann Finkel, Columbus
B.A. (New York University)
Ilene Susan Fuerst, Beachwood
Deborah Carol Fulton, Huron
Theodore Lee Fuss, II, Gahanna
Jeffrey Walter Gafford, Columbus
William Joseph Gallagher, Columbus
Donald Carl Gibson, Bucyrus
Julie Wallace Gillette, Lakeview
Daniel Scott Gorfido, Medina
Timothy Milton Gray, Columbus
Karen Branham Groves, Columbus
Dorla Jean Hain, Columbus
Joseph Charles Healey, Cincinnati
Rita Catherine Hinz, Columbus
Elizabeth Bruner Howell, Batavia
Stephen Robert Hudak, Youngstown
W. Andrew Hug, Cincinnati
Cynthia Kay Hurst, Hebron
John L. Jackson, Columbus
Nanci Lynne Johnson, Columbus
Patricia Kathleen Johnson, Paulding
Diane C. Joseph, White Plains, NY
Jenny Kimberly Kanaan, Columbus
Susan Marie Karg, Strongsville
Robert Wallace Kirkpatrick,
Westerville

Kimberly Ann Knott, Worthington
Evonne Grither Kowitz, St. Ann, MO
Carole Sue Kuck, Wapakoneta
Leslie Ann Kuhn, Xenia
Linda Ellen Kurtz, University Heights
Cheryl Ann Lehman, Amherst
Loretta Diane Lentz, Louisville, KY
Lily Ann Lewis, Bradford
Kathy Sue Long, Troy
Mary Ilo Martz, Van Wert
Ira Howard Mauer, Yonkers, NY
Chris Alan McGonagle, Lima
Joyce McQuillan, Parma Heights
Jed Eric Metzger, Columbus
Juanita Jane Miller, Ashland
Carl Hendricks Moore, Westerville
Georg-Anne H. Mutchler, Bucyrus
Betty Goddard Nethers, Newark
Robin Sue Newman, Cleveland Heights
Adria Lynn Nyer, Cleveland
Frederick Leo Peterson, Columbus
Patricia Ann Powell, Warrensville Hts.
Pamela Ann Ptaszek, Worthington
Joanne Leslie Raymond, Columbus
William Gregory Reed, Grove City
Sandra Jane Rinehart, Granville
Ronald Charles Rucker, Columbus
Nathan Lee Russell, Arlington
Nancy Louise Saner, Bethel
Harold William Schnaudt, Columbus
Debra Lou Schreckengost,
North Canton
Barbara Hughes Schreiber, Carlisle, PA
Beverly Klein Seigel, Worthington
John E. Smarto, Gallion
Robert A. Spicer, Jr., Newark
Linda Lorraine Stalls, Springfield
Karen Steinhauer, Circleville
Laurie Ann Stephens, Columbus
Brent Dee Stewart, Jackson Center
Jon Thomas Stonebraker, Marion
Bradley Wayne Thomas, Harpster
Janet Zippie Tice, Lima
Mark Lane Tulley, Worthington
Susan Lee Umbleby, Hilliard
Cynthia Gay Vaughn,
Baton Rouge, LA
Mary Danner Virden, LaRue
Terrence Lee Vogler, Columbus
Sandra Marie Walden, Columbus
Craig Alban Weaver, Youngstown
Loralee Weaver, Paulding
Spencer Jon Wiersma, Mansfield
Sheryl Anne Williams, Powell
Linda Denise Wilson, Columbus
Thomas R. Wisener, Wapakoneta
Adelheid Evelyn Wooley, Columbus
Bonnie Lee Wutrich, Columbus
Mark Lee Youngpeter, Spencerville

Bachelor of Art Education

Colleen Mary Conway, Mt. Vernon
Elizabeth Peiss Coster, Columbus
Rebecca A. Gothard, South Vienna
Susan Gibbs Hood, Columbus
Nancy J. Lambert, Columbus
Ann Lynne Martin, Chillicothe
Linda Sue Nickman, Shaker Hts.
Stacey Elizabeth Shelly, Wooster
Kimberly Anna Smittle, Columbus
Dee Ann Williamson, Cedarville

Bachelor of Music Education

Timothy Don Brooks, Columbus
John William Fedchock, Highland Hts.
Paul Edward Mathews, Columbus
Nancy Lee Saultz, Enon

COLLEGE OF ENGINEERING

Dean: Donald D. Glower

Bachelor of Science in Aeronautical and Astronautical Engineering

David Charles Kelley, Bucyrus
Ronald Eugene Weisbrook, Aurora, IL

Bachelor of Science in Ceramic Engineering

Scot MacGregor Brainard, Columbus
Cheryl Ann Stefanski, Hopelawn, NJ
Phyllis Ann Blanks Stephens, Detroit, MI

Bachelor of Science in Chemical Engineering

Adela Beatriz Concha, Fairborn
Fred Owen Engelhardt, Alger
Randy Eugene Lady, Bucyrus
Robert William Morris, Jr., Bellefontaine
Thomas Howard Owens, Beaver
Ralph William Slone, Waverly

Civil Engineer

Karamat Qayum, Lahore, Pakistan

Bachelor of Science in Civil Engineering

Donald Harvey Dunn, Reynoldsburg
Bruce Allen Micklewright, Broadview Heights
James Everett Morris, Sabina

Bachelor of Science in Computer and Information Science

Thomas Joseph Beran, Austin, TX
Philip Paul Harris, Springfield
Carl J. Robb, Columbus

Electrical Engineer

Kambiz Shahnazi, Tehran, Iran

Bachelor of Science in Electrical Engineering

Joseph Amodeo, II, Cleveland Heights
Richard Kent Baker, Wheeling, WV
Marilyn Ann Carpenter, Columbus
Kirby Wesley Cartwright, Newark
Michael Eugene Cryder, Kingston
Ralph Edward Goddard, Jr., East Liverpool
Timothy H. Gore, Swanton
Bruce Edward Hale, Columbus
John B. Houk, Thornville
William Mark Johnson, Youngstown
Usamah Mohamad Khulusi, Beirut, Lebanon
Jeffrey Lynn Koehler, Thornville
Fredric Ross McQuillin, Elyria
James Franklin Nelson, Columbus
John David Thur, Richmond Heights
Stirling Edward Kern Watts, Columbus
George Klaus Weissbach, Sullivan
Raymond Eugene Zeune, Pataskala

Bachelor of Science in Industrial and Systems Engineering

David Robert Eystone, Sycamore
Stephen F. Moseley, Columbus
Diane Cornelia Oltean, Broadview Hts.

Francis Charles Richards, Newark
Kim Lee Whiteman, Lancaster

Bachelor of Science in Mechanical Engineering

Christopher John Blesch, Columbus
Fred William Boyle, Bedford
Randall George Breech, Gallipolis
Charles Randy Cooley, Jr., Galion
Eric Palmer Gifford, Cleveland Hts.
Ted Andrew Gilfert, Athens
Joseph Edward Greenawalt, Columbus
Dale Thomas Kingery, Cincinnati
Theodore Alan Lang, Woodville
Michael Jerard Lennon, Cincinnati
Randall Kirk Marker, Bellefontaine
James H. Meyer, Cincinnati
Edward Stanley Rickard, Columbus

Bachelor of Science in Metallurgical Engineering

Bruce Dale Berteau, Ashtabula

Bachelor of Science in Welding Engineering

Mike Leonard Carter, Waynesfield
D. Jeffrey Meredith, East Liverpool

Bachelor of Science in Architecture

Stephen Blane Anderson, Glastonbury, CT
Jack Emerson Bement, Wakeman
Jack Vanarb Berry, Jr., Andover, MA
Paul Manning Brasile, Reynoldsburg
Michael Manson Bryden, Wilmington, DE
Folorunso Folowosele, Ilesha, Nigeria
Gregg Lewis Gaber, Worthington
William George Gallagher, Cleveland
Jan Elyn Hulman, Dayton
William Bernard Krabacher, Waynesville
Martin Allen Livezey, Barnesville
Rick Eugene Mardis, Newark
James Robert Morrison, Findlay
Fereydon Ray Pezeshkan, Tehran, Iran
Michael Alan Rubin, Beachwood

Bachelor of Science in Landscape Architecture

Kathleen Marie Hanlon, Berea
Philip Gabriel Haikkila, Painesville
Kenneth Eugene Merritt, Mt. Vernon, NY
Thomas Henderson Wagner, Columbus

COLLEGE OF MEDICINE

Dean: Henry G. Cramblett, M.D.

Doctor of Medicine

Michael Alan Baumann, Kettering
B.A. (University of Dayton)
Michael Sherman Blue, Worthington
B.S. (Miami University)
Barry Scott George, East Palestine
B.S. (Youngstown State University)

Penelope Pensyl Halliday, Washington C. H.
B.S. (Bob Jones University)

Mary Lynn Kiacz, Dayton
B.S. (Wright State University)

Chris Allan Knight, Youngstown
B.S. (Westminster College)

Jane Marie Leiby, Parma
B.A. (Otterbein College)

Christian Victor Madsen, Fredonia, Pa.
B.A. (Malone College)

Michael Scott Magee, Carroll
B.S. (Ohio University)

Jerry Hayes McDaniel, Cincinnati
B.S. (Central State University)

Michael Joseph Muszynski, Poland
B.S. (Youngstown State University)

Leonard Joseph Paulozzi, North Olmsted
B.A. (Yale University)

James Daniel Radcliffe, Xenia
B.A. (Mount Vernon Nazarene College)

Jeanine Scherzinger, Cleves
B.A. (Miami University)

Jeffrey Bruce Studebaker, West Alexandria
B.S.

Christopher Patrick Sullivan, Akron
B.A.

Jackie Lynne Underwood, Rossford
B.M. (Miami University)

Clarence David Wright, III, Uniontown
B.A. (Ohio Wesleyan University)

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Debra Ann Czap, Martins Ferry
Jane Ann Frencho, Columbus
Janet Blanton Goodwin, Westerville
Teresa Lynn Kimmel, Wellington
Deborah Kay Turi, Delta

Certificate of Nurse Anesthetist

John Philip Battles, Columbus
A.S. Nursing (Jefferson State Junior College, Birmingham, Alabama)

Beth Ellen Berger, Springfield
R.N. (Riverside Hospital School of Nursing)

Cheryl Lynn Buchanan, Newark
R.N. (Mt. Carmel School of Nursing)

James Fraser Moore, Columbus
A.D. Nursing (University of Tennessee at Nashville)

Lois Jean Remely, Columbus
B.S. Nursing (University of Cincinnati)

Vareda Grace Zickafoose, Gahanna
R.N. (Mt. Carmel School of Nursing)

Certificate of Post Baccalaureate Medical Technologist

Judith Lynn Branham, Galloway
B.S.

Gerda Enid Dickey, Westerville
B.S.

Keith Allen Dickman, New Bremen
B.S.

Kenneth Fred Kerstein, Columbus
B.S.

Christine Marie Larson, Columbus
B.A. (Ohio Dominican College)

William Henry Smith, New Boston
B.S., M.S. (Ohio University)

School of Nursing

Bachelor of Science in Nursing

Michael Lee Buckingham, Dayton
Lorraine Marie Deck, Columbus
Heather L. Denlinger, Aurora
Katherine Louise Frebault, Columbus
Paulette Ann Gross, Toledo
Amelia Lynne Gruber, Columbus
Rhonda Wynn Harris, Milwaukee, WI
Barbara Jane Henry, Massillon
Patricia Lee Holland, Mt. Vernon
Nancy Margaret Hudson, Coshocton
Mary Ann Iannone, Toledo
Ilyse Beth Janovitz, Shaker Heights
Catherine Ann Khoury, Lakewood
Ellen Kay Kneller, Toledo
Susan Losoncy, Columbus
Diane Marie Mintz, Cleveland
Cynthia Ann Moore, Cleveland Heights
Heidi Stroschin Oberlin, Gahanna
Barbara Mallen Phillips, Chillicothe
Janet Kay Salamon, Columbus
Pamela O. Schmelzer, Columbus
Patricia Sue Skinner, Columbus
Elizabeth Prior Smith, Columbus
Lynn Ann Stazzone, Columbus
Cheryl Diane Tossey, Springfield

COLLEGE OF PHARMACY

Dean: Albert H. Soloway

Bachelor of Science in Pharmacy

Stephanie Graban, Campbell
Roger Lee Lewis, Toronto
Mary Braham Riegler, Columbus
Joseph Rocco Severinski, Campbell
Jimmy Wing Yee, Columbus
Sharon Lynn York, Proctorville

COLLEGE OF SOCIAL WORK

Dean: Robert O. Washington

Bachelor of Science in Social Welfare

Russell Craig Allbery, Olmsted Falls
Toni Elaine Bales, Bellefontaine
Jane Ann Cox, Ashland
Kay Ellen George, Paulding

Fay Marguerite Heazlit,
Franklin Furnace
Cindy Lee Heselov, Youngstown
Elizabeth Matina, Columbus
Sylvia Anne Neal, Akron
Belinda Jeanne Oatney, Lancaster
Karen Whalen, Springfield
Norma Jean Wharton, Columbus

GRADUATES WITH HONORS

Summa Cum Laude

Bradley Jay Beaver
Blair Jeffrey Berkley
Nancy Jean Fields
Ronald Adams Glover
Penelope Anne King
Carole Sue Kuck
Aaron Kimberly Messer
Juanita Jane Miller
Mary Ann Rucker
Nancy Lee Saultz
Robert Arthur Spicer, Jr.
David Alan Stafman
Michael Martin Wathen
Charles F. Whiting
Sheryl Anne Williams

Summa Cum Laude with distinction

Michael Keith Maynard
Catherine Anne Phillips

Summa Cum Laude with distinction in Zoology

Scott William Line

Cum Laude

Steven Patrick Altmiller
Joyce Kay Askew
Faith Elizabeth Bauer
Michael Alan Baumann
Karen Ann Beal
Michael John Bigi
Susan Lee Darmstadter
Barbara Jean Dowd
Leslie J. Dudley
Theresa Bresler Eversole
John S. Gallick, III
Ralph Edward Goddard, Jr.
Rebecca A. Gothard
Nancy Marie Hawkins
Rita Catherine Hinz
Kimberly Ann Knott
Betty Goddard Nethers
Molly Helene Oser
Ross Daniel Pickard
Sandra Jane Rinehart
Bryan Keith Robinson
Stephen Lynn Rogers
Melvin Joseph Sauder
Elizabeth Prior Smith
Diane L. Sondergelt
Cynthia Marie Spade
Therese Elizabeth Spirnack
Daniel David Stahl

David Bruce Tyack
Sandra Marie Walden
Christopher James Wilson

Cum Laude with distinction in Entomology

Douglas Edward Dix

With Distinction

Clinton David Beaver

With distinction in Agricultural Economics

Mark Alan Stober

With distinction in Computer and Information Science

Jennifer Eunice Hoyte

With distinction in International Studies

Ruth Sullivan Church

With distinction in Microbiology

Brian P. Hagerty

With honors in Liberal Arts

Stephan Douglas Boggs
David Wynn Carpenter
James B. Wilkens, Jr.

With distinction in Political Science With honors in the Liberal Arts

Susan L. Tuatay

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

Columbus, Ohio, September 7, 1979

The Board of Trustees met at its regular monthly meeting on Friday, September 7, 1979, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Patricia D. James, Chairman, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens, Daniel M. Galbreath and Edmund C. Redman.

* * *

Minutes of the last meeting were approved.

* * *

September 7, 1979 meeting, Board of Trustees

The Chairman, Mrs. James, called the meeting of the Board of Trustees to order at 12:00 noon. She requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering personnel related matters.

Present: Patricia D. James, Chairman, Warren J Smith, D. James Hilliker, Daniel M. Galbreath and Edmund C. Redman.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

RESOLUTIONS IN MEMORIAM

Resolution No. 80-13

Synopsis: Resolutions honoring the service of seven of this 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.

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

Richard N. Alpers

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 9, 1979, of Dr. Richard N. Alpers, Clinical Assistant Professor in the College of Dentistry.

Dr. Alpers received his D.D.S. degree from The Ohio State University in 1964. He was a member of the faculty of the College of Dentistry from 1965 until the present time. He also maintained a very successful practice.

Dr. Alpers was a member of the American Academy of Pedodontics, Columbus and American Society of Dentistry for Children, American Dental Association, Alpha Omega Dental Fraternity, Board of Directors of Childrens Mental Health Center and on the Dental Staff of Childrens Hospital.

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 7, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Charles L. Blackman

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 14, 1979, of Charles L. Blackman, Professor Emeritus in the Cooperative Extension Service.

Mr. Blackman was born November 21, 1893, at Peake Island, Maine. He attended high school in Portland, Maine, graduating in 1912. A bachelor of science degree in agriculture was received from the University of Maine in 1916. The master of science degree in dairy husbandry was secured from Iowa State College in 1917. He pursued additional graduate education both at the United States Department of Agriculture and at Colorado State University.

Mr. Blackman's employment prior to joining the Ohio Cooperative Extension Service included work as an assistant emergency demonstration agent in Iowa, an extension dairy husbandman in Iowa and a field secretary for the New England Holstein Association.

Mr. Blackman joined the faculty at The Ohio State University as specialist in animal husbandry on October 9, 1925. His title was changed to specialist in dairy science in July, 1939, and it was from such a position that Mr. Blackman retired in 1963. Employment with the Ohio Cooperative Extension Service was interrupted for three short leaves of absence when Mr. Blackman served on assignments in Colombia, South America.

Mr. Blackman was a dedicated and respected leader in the dairy industry in Ohio. He was well known for his statewide efforts in dairy educational programs and because of his efforts was well known and respected by professionals and by farmers throughout the state. His outstanding contributions in extension education will be long remembered.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Blackman 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 Mrs. Blackman as sincere appreciation of the Board's realization of the loss which the family, the University, and his many friends and associates have sustained.

Hiram W. Harshfield

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 20, 1979, of Hiram W. Harshfield, Professor Emeritus and formerly State 4-H Club Leader in the Cooperative Extension Service.

Mr. Harshfield was born February 8, 1899, at East Liberty, Ohio. He attended East Liberty High School and graduated there in 1917. A bachelor of science degree in agriculture was received from The Ohio State University in 1923 and a master of arts degree in school administration was received in 1927. Additional graduate education was undertaken at Cleveland College and also in 1940 and 1949 at The Ohio State University.

September 7, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Hiram W. Harshfield (contd)

Mr. Harshfield was employed in school teaching as a school principal in Medina and Cuyahoga Counties from 1921 through 1928 prior to his joining the staff of The Ohio State University as 4-H Club Agent in Cuyahoga County on January 1, 1929. On January 1, 1936, Mr. Harshfield became Assistant State 4-H Club Leader moving to the position of State 4-H Club Leader in 1954. Mr. Harshfield retired from that position on June 30, 1961.

Mr. Harshfield dedicated his life to service of youth. A ready hand, a willing spirit and ever-present smile and encouraging words and simple logic are terms that bring lasting and fond memories of Mr. Harshfield's association with professionals and 4-H members and leaders throughout Ohio. His service on regional and national committees brought him recognition throughout the country as the 4-H movement expanded and grew under his leadership.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Harshfield 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 of Mr. Harshfield as sincere appreciation of the Board's realization of the loss which the family, the University, and his many friends and associates have sustained.

Margaret Eloise Jones

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 9, 1979, of Margaret Eloise Jones, Associate Professor Emeritus in the Department of Mathematics.

Professor Jones was born November 22, 1895, in Pomeroy, Ohio. She was graduated from high school in Pomeroy and from The Ohio State University in 1919 with a Bachelor of Arts degree and a Bachelor of Science in Education degree. She was a member of Phi Beta Kappa. She obtained a Master of Arts degree from The Ohio State University in 1920 and did further graduate work in Mathematics at The Ohio State University and the University of Chicago.

Miss Jones taught at The Ohio State University from 1921 until her retirement in 1962 moving through the ranks from instructor to associate professor. She served as Executive Secretary of the Department of Mathematics from 1946 until her retirement. Miss Jones was dedicated to excellence in teaching and made an outstanding impact on many young people.

On behalf of the University community, the Board of Trustees expresses to the family of Professor Jones its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and 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.

September 7, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Sidney L. Pressey

The Board of Trustees of The Ohio State University expresses its sorrow upon the death of Sidney L. Pressey, Professor Emeritus, Department of Psychology, College of Social and Behavioral Sciences, on July 21, 1979.

Sidney L. Pressey was born in Brooklyn, New York, on December 28, 1888. He studied at Williams College for the A.B. degree which he received in 1912, and at Harvard University, earning the A.M. in 1915 and the Ph.D. in 1917. Before joining the faculty at Ohio State in the Department of Psychology, Dr. Pressey was Assistant Professor at Indiana University. He came to Ohio State in 1921 and was promoted to the rank of Professor in 1926, serving in that capacity until his retirement in 1959 when he was made Professor Emeritus.

Over the years, Professor Pressey was Visiting Professor at many distinguished universities including Teachers College of Columbia University, University of Utah, University of Hawaii, Colorado State University, University of Southern California, and the University of British Columbia.

While at Ohio State he represented his discipline in many important professional positions. He was a member of the American Psychological Association's Council of Representatives and served as President of the Division of Maturity and Age. He was also President of APA's Division of Teaching, President of the Midwestern Psychological Association, President of the Ohio Psychological Association, and Chairman of the Psychology Section of the American Association for the Advancement of Science.

Professor Pressey was a pioneer. He developed the first automatic recording self-instruction apparatus and also the first device for automatically scoring and diagnostically assessing tests. In the field of reading he developed one of the early demonstrations of the differential effects of different types of reading matter and one of the first systematic ways to measure vocabulary difficulty of reading matter.

Professor Pressey was committed to innovation; it showed in his work ranging from the development of teaching machines to his work dealing with the psychology of aging, based to a substantial extent on his own experiences. Throughout his entire career he promoted an interest in better serving the needs of the outstanding student. His association with Ohio State was one which reflected distinction and credit upon the University community.

On behalf of the University community, the Board of Trustees expresses its deepest sympathy to the family of Sidney L. Pressey. 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 of Sidney L. Pressey as sincere appreciation for the life he lived and the realization of the loss that his family, friends, and associates have sustained.

September 7, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Alma Frances Tapscott

The Board of Trustees of The Ohio State University expresses its sorrow at the death on July 16, 1979, of Alma Frances Tapscott, Professor Emeritus in the Department of Textiles and Clothing, School of Home Economics.

Miss Tapscott was born in Perry Township, Allen County, Ohio, on October 9, 1909. She received the Bachelor's degree from The Ohio State University in 1937 with a major in home economics and a minor in biological science and English. The M.A. degree was earned at Teachers College, Columbia University in June 1946 in clothing, textiles and related art.

Miss Tapscott taught vocational home economics at Hartford High School, Croton, Ohio, and Harding High School, Fairport Harbor, Ohio, from 1937 to 1945. In 1946-48 she served as Assistant Professor at Oregon State University and came to The Ohio State University in October 1948. In 1967 she was promoted to Associate Professor and in 1969 served as a consultant in textiles at ESALO, Brazil. She retired as Professor Emeritus in 1973.

Membership in professional societies included the American Home Economics Association and Ohio Home Economics Association and membership in honoraries included Omicron Nu, Kappa Delta Pi, Pi Lambda Theta, and Sigma Delta Epsilon.

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

Marc R. Tetalman

Friends and colleagues across the country were shocked and saddened by the death of Dr. Marc R. Tetalman. On June 28, without provocation, Dr. Tetalman was senselessly murdered during a robbery in the streets of downtown Atlanta. Dr. Tetalman was attending the annual meeting of the Society of Nuclear Medicine and had presented a scientific paper to that group.

Marc was born in Cleveland, Ohio, August 25, 1943, and received his early education in that city. After obtaining a B.A. degree from Boston University, he attended The University of Chicago School of Medicine and received his M.D. degree in 1968. He met his future wife Dale during medical school, and they were married following his rotating internship at Cedars of Lebanon Hospital in Los Angeles. He returned to The University of Chicago for his radiology residency. After his residency, he served as an Instructor in Radiology at the same institution for one year and he completed a fellowship in nuclear medicine at the same time. There was some dismay among his instructors when Dr. Tetalman elected to leave academic radiology and venture into private practice. He served as Director of Radiology at the Hammond Clinic from July 1973 until April 1975. Marc missed the stimulation of

September 7, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Marc R. Tetalman (contd)

academic life and came to The Ohio State University in May of 1975 as an Assistant Professor of Radiology. Subsequently he served as Assistant Director, Acting Director, and since 1977 as Director of the Division of Nuclear Medicine.

Marc conveyed his love of nuclear radiology to the residents who passed through his division and in May of this year they recognized his contribution to their education by electing him the Outstanding Teacher of the Year. Dr. Tetalman was a productive, gifted researcher with broad-ranging interests and he stimulated and encouraged residents to become involved in research. Under his leadership, the Division of Nuclear Medicine became one of the most promising and scientifically active parts of the Department of Radiology. Marc was the author of over 30 scientific publications and multiple presentations. He was a Bremer Foundation researcher in 1976. Marc established and maintained extremely high standards of quality in the clinical examinations of nuclear radiology and it was always his policy that the patient came first. Dr. Tetalman was loved and respected by those who worked under him. With affection, the Nuclear Medicine staff referred to him as "Super-T."

In the last few years, Dr. Tetalman was elected by the physicians in the department to participate in the management of the financial affairs. He did this with much ability, cooperating with and understanding different viewpoints. He helped find a reasonable pathway between individual desires and scientific needs.

Marc was a member of many professional and scientific organizations and served on the consulting staff of several area hospitals.

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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**ESTABLISHMENT OF "THE C. WILLIAM O'NEILL PROFESSORSHIP
IN LAW AND JUDICIAL ADMINISTRATION"**

Resolution No. 80-14

Synopsis: Establishment of "The C. William O'Neill Professorship in Law and Judicial Administration" is being proposed.

WHEREAS the Board of Trustees on January 14, 1965, approved a set of guidelines for the establishment of "Named Professorships," which was subsequently modified March 3, 1972, and renamed "Endowed Professorships" and was modified further on May 5, 1978; and

September 7, 1979 meeting, Board of Trustees

**ESTABLISHMENT OF "THE C. WILLIAM O'NEILL PROFESSORSHIP
IN LAW AND JUDICIAL ADMINISTRATION" (contd)**

WHEREAS gifts from many friends of the late Chief Justice C. William O'Neill have been received for the establishment of "The C. William O'Neill Professorship in Law and Judicial Administration"; and

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

WHEREAS the annual income is to be used to provide support for the work of a distinguished scholar and teacher in the College of Law with appointment to the O'Neill Professorship to be recommended to the Provost by the Dean of the College of Law for approval by the Board of Trustees; and

WHEREAS the fund has not yet reached the stipulated level for an "Endowed Professorship," but it is anticipated that that level should be reached soon; and

WHEREAS it is recommended that the income from the funds presently available should be used to support an O'Neill Professorship while efforts to complete the fund continue; and

WHEREAS should the need for this faculty position cease to exist or so diminish as to provide unused income, then the income may be used for any purpose recommended by the Dean of the College of Law, or if no such position then exists, for any purpose whatsoever as determined by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That "The C. William O'Neill Professorship in Law and Judicial Administration" be established in accordance with the wishes of the donors; and

BE IT FURTHER RESOLVED, That until the fund is fully subscribed, any appointment to fill the professorship will be on a year-to-year basis as a "Designated Professor."

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

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ESTABLISHMENT OF THE "PRESIDENTS CLUB PROFESSORSHIP IN LAW"

Resolution No. 80-15

Synopsis: Establishment of the "Presidents Club Professorship in Law," a Designated Professorship, is being proposed.

September 7, 1979 meeting, Board of Trustees

ESTABLISHMENT OF THE "PRESIDENTS CLUB PROFESSORSHIP IN LAW" (contd)

WHEREAS the Board of Trustees on March 3, 1972 approved a set of guidelines for the establishment of "Designated Professorships," which was subsequently modified May 5, 1978; and

WHEREAS in recent years many alumni and friends of the College of Law have joined the Presidents Club designating that their gifts be spent at the direction of the Dean of the College of Law to benefit the College; and

WHEREAS the Dean of the College of Law has decided to allocate one hundred and ten thousand dollars of such gifts for the purpose of supporting a Designated Professorship; and

WHEREAS the said sum of one hundred and ten thousand dollars 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; and

WHEREAS the annual income, and the principal sum, if necessary, is to be used to provide support for the work of a distinguished scholar and teacher in the College of Law with the appointment to the "Presidents Club Professorship in Law" to be recommended to the Provost by the Dean of the College of Law for approval by the Board of Trustees; and

WHEREAS the principal sum of one hundred and ten thousand dollars, with the interest to be earned thereon, is sufficient to support a Designated Professorship for a period of at least ten years; and

WHEREAS future allocations of funds to this account may be sufficient to convert it into an "Endowed Professorship"; and

WHEREAS should the need for this faculty position cease to exist, the income and principal may be used for any purpose recommended by the Dean of the College of Law, or if no such position then exists, for any purpose whatsoever as determined by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the "Presidents Club Professorship in Law" be established for a period of ten years to be renewed each year beyond the initial term so long as sufficient money remains in the fund to provide the requisite support; and

BE IT FURTHER RESOLVED, That if the principal of this fund should ever reach the sum of two hundred and fifty thousand dollars, the Professorship shall become an "Endowed Professorship" rather than a "Designated Professorship."

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

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September 7, 1979 meeting, Board of Trustees

ESTABLISHMENT OF POOLED INCOME FUND III

Resolution No. 80-16

Synopsis: Form of Agreement and Instrument of Transfer for Pooled Income Fund III is being proposed.

RESOLVED, That the form of Agreement and Instrument of Transfer, included on the following pages, with respect to the University's Pooled Income Fund III be, and they hereby are, approved, adopted, ratified and confirmed.

FURTHER RESOLVED, That the following four individuals be, and they hereby are, nominated and appointed to serve as trustees for donors transferring property to the University's Pooled Income Fund III, each to serve at the pleasure of the Board of Trustees of the University in accordance with the terms of the instruments establishing Pooled Income Fund III:

James W. Kristoff
James R. McCoy

Joseph S. Platt
Charles R. Traphagan

Upon motion of Dr. Jacob, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

CONTRIBUTION TO POOLED INCOME FUND III

OF THE OHIO STATE UNIVERSITY

(INSTRUMENT OF TRANSFER)

The undersigned _____, Donor, hereby transfers to the Trustees of The Ohio State University Pooled Income Fund III under the Agreement dated _____, 1979, the following property:

the sum of \$ _____

the securities or other properties listed in the Schedule 1 attached hereto,

subject to the following terms and conditions:

1. The transfer shall be effective on the _____ day of _____, 1979.
2. The property will be commingled with property transferred by other Donors who have made or make similar transfers, and will be subject in all respects to said Agreement, the terms and conditions of which are hereby adopted and made a part hereof. A copy of said Agreement is attached hereto.
3. The Donor retains for himself and creates for his spouse, _____, a lifetime income interest in the property, determined under said Agreement. The income

September 7, 1979 meeting, Board of Trustees

**CONTRIBUTION TO POOLED INCOME FUND III
OF THE OHIO STATE UNIVERSITY
(INSTRUMENT OF TRANSFER) (contd)**

distributable to the life income beneficiaries shall be paid in accordance with said Agreement:

(a) To the Donor during his life

(b) To the Donor's spouse, _____, if she survives Donor, during the remainder of her life.

The Donor retains the power exercisable only by will to revoke or terminate the income interest of his spouse.

4. An irrevocable remainder interest in the property is hereby transferred to The Ohio State University, to be severed from the Pooled Income Fund III and distributed to the University at the termination of said income interest, as provided in said Agreement.

5. The funds and properties so severed from the Pooled Income Fund III and distributed to the University shall be administered and expended by the University for the following purposes:

Signed by _____, Donor, and accepted by the Trustees of the Pooled Income Fund III, as of _____

DONOR:

TRUSTEES:

September 7, 1979 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY

POOLED INCOME FUND III

This Agreement between The Ohio State University (the University) and James R. McCoy, James W. Kristoff, Joseph S. Platt, and Charles R. Traphagan (the Trustees), executed as of the _____ day of _____, 1979.

W I T N E S S E T H:

The purpose and intent of this Agreement is to create The Ohio State University Pooled Income Fund III (the Trust), a pooled income fund as defined in Section 642 (c) (5) of the Internal Revenue Code and the regulations thereunder, through which donors may make contributions to the University subject to a retained life income interest. This Agreement and the Trust hereby created shall be construed and administered in a manner which is consistent with said statute and regulations.

1. *Contributions.* The Trust shall accept contributions of property (including money) from donors subject to the following terms and conditions:

(a) An irrevocable remainder interest in the property shall be contributed to or for the use of the University.

(b) The donor shall retain for himself and/or create for his spouse (to whom the donor is married at the time of the transfer) and/or other designated beneficiaries who are then alive and are acceptable to the Trustees, a lifetime income interest in the property transferred. If a spouse or other beneficiary is named as a co-beneficiary with the donor, the instrument of transfer shall designate the share of income payable to each and whether such shares are to be enjoyed concurrently and/or consecutively. The donor may retain the power exercisable only by will to revoke or terminate the income interest of his spouse or other designated beneficiary.

(c) Each instrument of transfer shall adopt and incorporate by reference all the terms and conditions of this Agreement, and each instrument of transfer shall in turn be adopted or incorporated by reference herein.

2. *Certain Properties Excluded.*

(a) The Trustees shall not accept or hold any property transferred under arrangements other than those specified in paragraph 1 of this Agreement.

(b) The Trustees shall not accept or invest in and the Trust shall not include any securities, the income from which is exempt from federal income tax.

3. *Commingling of Life Income Properties.* The property transferred to the Trust by each donor shall be commingled with and invested or reinvested with other property transferred to the Trust by other donors satisfying the requirements of paragraph 1 of this Agreement.

THE OHIO STATE UNIVERSITY
POOLED INCOME FUND III (contd)

4. *Fiscal Year - Valuation Dates.* The Trust shall operate on a fiscal year ending on June 30. The Trust property shall be valued on the first day of each fiscal year (including a fiscal period of less than 12 months), on the first day of each quarter-annual period, and on each date on which property is transferred to the Trust by a donor.

5. *Allocation and Distribution of Income.*

(a) The income share of each beneficiary for each quarter-annual period of the Trust shall be determined by the rate of return earned by the Trust for such period with respect to his income interest (computed on the basis of units of participation). Income distributions shall be paid quarterly not later than 20 days after the end of each quarter. An adjusting payment, if necessary, will be made during the taxable year or within the first sixty-five (65) days following its close to bring the total payments to the actual income to which the beneficiary or beneficiaries are entitled for the year.

(b) Each income interest retained or created shall be assigned a number of units of participation which number shall be computed by dividing the fair market value of the property transferred by the fair market value of a unit in the Trust immediately before such transfer. The fair market value of a unit in the Trust shall be determined by dividing the fair market value of all property in the Trust at such time by the number of units then in the Trust. Although the value of the units vary from time to time, all units in the Fund shall always have equal value.

(c) The amount of income allocated to each unit of participation in the Trust shall be determined by dividing the income of the Trust for the taxable year by the outstanding number of units in the Trust at the end of such year; provided, however, that in the allocation of income to units outstanding during only part of a year (or part of a quarter-annual period) the Trustees shall take into consideration the period of time during which such units were outstanding.

(d) The income interest of a beneficiary shall terminate with the last regular payment made before his death. The Trustees shall not be required to prorate any income payment to the date of the beneficiary's death.

6. *Classification of Income.*

(a) For purposes of this Agreement the term income refers to the ordinary income of the Trust after deducting any costs and expenses incurred by the Trust which are properly chargeable to income, determined under the law of Ohio, and such term has the same meaning as it does under Section 643 (b) of the Internal Revenue Code of 1954, or corresponding provisions of any subsequent federal tax law and the regulations thereunder.

THE OHIO STATE UNIVERSITY
POOLED INCOME FUND III (contd)

(b) In allocating receipts and disbursements as between principal and income, the Trustees shall be governed by good accounting practices. Specifically (without intending to limit this general rule) all net gains realized in the sale or other disposition of securities and other investments, capital gains distributions received from investment companies, mutual or common trust funds, liquidating distributions, and all other items not defined as income under Section 643 (b) of the Internal Revenue Code, shall be allocated to principal.

Despite any provision of this Trust to the contrary, the Trust shall not accept, hold, or invest or reinvest in, any mutual or common trust fund to which Section 584 of the Internal Revenue Code applies, which accepts, holds, or invests or reinvests in, any security the income from which is exempt from federal income tax.

7. Distribution of Remainder Interest.

(a) Upon the termination of an income interest, an amount equal to the value of the remainder interest in the property upon which the income interest was based shall be severed from the Trust and transferred to the University. The value of the remainder interest for such purpose shall be its value as of the date of the last regular payment made before the beneficiary's death.

(b) The instrument of transfer by the donor may include a statement of his intention or a direction as to the purposes for which the property is to be used by the University. Any such statement or direction shall be reviewed by the Trustees of the Trust and the transfer shall not be accepted unless such purposes are approved.

8. Maintenance of Trust - Trusteeship.

(a) The Trust has been created and will always be maintained by the University, and the Trustees shall be subject to the control of the University. The University may remove any one or more of the Trustees at any time without cause, and in case of such removal or other vacancy in the Trusteeship, the University shall designate one or more successor Trustees.

(b) No donor to the Trust or beneficiary of an income interest in the Trust shall be eligible to serve as Trustee, and no donor or beneficiary shall exercise any responsibilities, directly or indirectly, with respect to the Trust which would ordinarily be exercised by a Trustee.

(c) All expenses of operating the Trust, including any compensation payable to the Trustees, and all other costs and expenses, will be paid from the Trust.

9. Administrative Powers.

(a) Subject to the provisions of paragraph 10 and the rules and regulations applicable to pooled income funds as defined in Section 642 (c) (5) of the Internal

THE OHIO STATE UNIVERSITY
POOLED INCOME FUND III (contd)

Revenue Code, the Trustees shall have full and complete power and authority to administer the property in the Trust, including the power to retain, sell, assign, transfer, exchange, mortgage, pledge, contract with respect to, and in any manner dispose of any or all of the property; to lease property, including leases for terms extending beyond the period of the Trust; to execute any instruments or writings incidental to the exercise of their powers; to exercise any voting, subscription and other rights and privileges incidental to securities; and to cause securities to be registered in the name of a nominee. The Trustees are given broad discretion in the investment of funds, including the authority to invest in all types of securities - other than tax exempt securities, see paragraph 2 (b) - and other classes of property deemed to be in the best interests of the beneficiaries and the University. No person dealing with the Trustees shall be under a duty to see to the application of the proceeds of any transaction, and the execution of any instrument or paper by the Trustees shall be conclusive evidence to those dealing with them of their power so to act.

(b) The Trustees may consult with the managers and investment advisers holding the general endowment funds of the University, and may make use of University services in connection with purchases and sales of securities and other properties. It is intended, however, that this Trust shall at all times be maintained as a separate investment account operated by the Trustees. Detailed accounting records shall be maintained at all times, specifically identifying the assets included in the Trust and the income earned by such assets.

10. *Federal Tax Requirements.* The following specific prohibitions shall apply to the Trust, as a split-interest trust within the meaning of Section 4947 (b) of the Internal Revenue Code:

(a) The Trustees shall not engage in any act of self-dealing as defined in Section 4941 (d) of the Code.

(b) The Trustees shall not retain any excess business holdings as defined in Section 4943 (c) of the Code.

(c) The Trustees shall not make any investment in such manner as to subject the Trust to tax under Section 4944 of the Code.

(d) The Trustees shall not make any taxable expenditures as defined in Section 4945 (d) of the Code.

11. *Duration of Trust - Amendments.*

(a) The Trust shall remain in existence as long as any life income interests are outstanding, and thereafter until all property in the Trust has been transferred to the University.

September 7, 1979 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
POOLED INCOME FUND III (contd)

(b) This Agreement shall be irrevocable and shall not be subject to amendment except to comply with Section 642 (c) (5) of the Internal Revenue Code and the regulations thereunder, or corresponding provisions of any subsequent federal tax law or regulations.

Executed by the undersigned Trustees as of the date first written above.

Trustees

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BUDGET REVISION

Resolution No. 80-17

Synopsis: The provisional 1979-80 current funds budget is presented for adoption based on passage of the 1979-81 appropriation bill.

WHEREAS the provisional budget for 1979-80 was passed by the Board of Trustees on June 7, 1979 pending passage of an appropriations bill for 1979-81 by the General Assembly; and

WHEREAS an appropriations bill was passed in late July, 1979; and

WHEREAS the final appropriations bill contained few adjustments affecting The Ohio State University, the most significant being the passage of a pay increase for classified employees of approximately 11 per cent; and

WHEREAS the provisional budget for both income and expense has been changed to include this pay increase:

NOW THEREFORE

BE IT RESOLVED, That the revised current funds budget be accepted.

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

September 7, 1979 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1979-80 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1979-80
(IN THOUSANDS)

	Provisional Budget	Proposed Revised Budget
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$157,203	\$158,295
Libraries	9,614	9,865
Other Academic Support	2,835	2,936
Sponsored Programs Administration	2,639	2,639
Student Services	8,934	9,168
Plant Operation	28,266	29,267
Institutional Support	16,762	17,293
Total Instructional and General	\$226,253	\$229,463
Sponsored Research		
Research Foundation	\$ 34,935	\$ 34,935
Engineering Experiment Station	1,880	1,890
University Sponsored Programs	938	958
Other	3,000	3,000
Total Sponsored Research	\$ 40,753	\$ 40,783
Public Service		
University Hospitals	\$ 89,854	\$ 89,854
Cooperative Extension Service	20,887	20,887
University Sponsored Programs	2,679	2,714
Other	14,476	14,476
Conferences	2,694	2,694
Total Public Service	\$130,590	\$130,625
Student Aid	\$ 6,542	\$ 6,542

September 7, 1979 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1979-80 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1979-80
(IN THOUSANDS)

	Provisional Budget	Proposed Revised Budget
Columbus Campus (contd)		
Auxiliaries		
Student Housing	\$ 21,334	\$ 21,334
Intercollegiate Athletics	10,119	10,119
University Bookstores	5,318	5,318
Student Health Service	2,586	2,611
Student Unions	2,698	2,698
Parking Facilities	3,009	3,009
University Airport	1,765	1,765
Fawcett Center for Tomorrow	1,669	1,669
Other	886	886
Total Auxiliaries	\$ 49,384	\$ 49,409
TOTAL COLUMBUS CAMPUS	\$453,522	\$456,822
Regional Campuses		
Administration	\$ 196	\$ 201
Lima Campus	2,514	2,549
Mansfield Campus	2,398	2,443
Marion Campus	1,479	1,504
Newark Campus	2,041	2,071
Agricultural Technical Institute	2,848	2,883
Wright-Patterson Graduate Center	100	100
Total Regional Campuses	\$ 11,576	\$ 11,751
GRAND TOTAL	\$465,098	\$468,573

September 7, 1979 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1979-80 CURRENT FUNDS BUDGET
SOURCES OF INCOME TO SUPPORT 1979-80 BUDGET
(IN THOUSANDS)

	Estimated Income	Revised Estimated Income
Columbus Campus		
Government Appropriations		
State of Ohio	\$157,571	\$160,871
Federal	59,250	59,250
Other	5,650	5,650
Subtotal	\$222,471	\$225,771
Student Fees		
Instruction and General	\$ 61,735	\$ 61,735
Room and Board	17,743	17,743
Other	3,058	3,058
Subtotal	\$ 82,536	\$ 82,536
Other Income		
Auxiliary Sales and Charges	\$110,476	\$110,476
Department and University Services	16,247	16,247
Endowment Income	4,226	4,226
Gifts and Grants	15,957	15,957
Temporary Investments	3,000	3,000
Subtotal	\$149,906	\$149,906
TOTAL COLUMBUS CAMPUS	\$454,913	\$458,213
Regional Campuses		
Lima Campus	\$ 2,814	\$ 2,850
Mansfield Campus	2,712	2,758
Marion Campus	1,693	1,719
Newark Campus	2,321	2,352
Agricultural Technical Institute	3,068	3,103
Wright-Patterson Graduate Center	100	100
TOTAL REGIONAL CAMPUSES	\$ 12,707	\$ 12,882
GRAND TOTAL	\$467,620	\$471,095

PERSONNEL ACTIONS

Resolution No. 80-18

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the July 20, 1979 meeting of the Board, including the following Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles as detailed in the University Budget for 1979-80, be approved.

Appointments

Name: ROBERT A. BURNHAM
Titles: Dean, College of Education, and Professor, Academic Faculty of Educational Administration
Effective: October 1, 1979
Salary: \$50,000.00 (12 months)
Present Positions: Dean of the College of Education and Professor of Education, Illinois State University, Normal, Illinois

Name: J. BARTON BOYLE
Title: Hospital Administrator, University Hospitals
Effective: September 1, 1979
Salary: \$43,800.00 (12 months)
Present Position: Associate Director, Hospitals and Clinics, University of Missouri-Columbia Medical Center

Name: MARY JANICE DICKSON
Title: Associate Hospital Administrator - Nursing Services, University Hospitals
Effective: October 1, 1979
Salary: \$43,080.00 (12 months)
Present Position: Director of Nursing/Assistant Hospital Director for Nursing, University Hospital, University of Kentucky

Name: DALE KEITH OUZTS
Title: Director - Telecommunications
Effective: September 24, 1979
Salary: \$40,920.00 (12 months)
Present Position: Senior Vice President for Representation, National Public Radio, Washington, D. C.

September 7, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: TIMOTHY R. DONOGHUE
Titles: Associate Dean, Graduate School (75 per cent), and Professor, Department of Physics (25 per cent)
Effective: September 1, 1979
Salary: \$39,120.00 (12 months)
Present Position: Professor, Department of Physics, The Ohio State University

Leaves of Absence Without Salary

SIDNEY CHAFETZ, Professor, Department of Art, effective January 1, 1980 through September 30, 1980, to serve as a senior Fulbright Lecturer at the University of Belgrade, Yugoslavia.

HAO CHANG, Professor, Department of History, effective October 1, 1979 through December 31, 1979, to accept a research grant from the American Council of Learned Societies.

EUGENE B. FRILEY, Professor, Department of Art, effective October 1, 1979 through December 31, 1979, to serve as a visiting artist at the University of Hawaii.

MORGAN E. SHIPMAN, Professor, College of Law, effective October 1, 1979 through December 31, 1979, to serve as a visiting professor at New York University.

CARTER V. FINDLEY, Associate Professor, Department of History, effective October 1, 1979 through December 31, 1979, to accept a research grant awarded by the Joint Commission on the Near and Middle East of the American Council of Learned Societies and the Social Science Research Council.

PETER M. GERHART, Associate Professor, College of Law, effective October 1, 1979 through December 31, 1979, to serve as visiting associate professor at Georgetown University Law Center.

TIMOTHY E. GREGORY, Associate Professor, Department of History, effective October 1, 1979 through March 31, 1980, to accept the Samuel H. Kress Professorship of Hellenic Studies in Athens.

JAMES M. KITTELSON, Associate Professor, Department of History, effective October 1, 1979 through March 31, 1980, to accept a fellowship awarded by National Endowment for the Humanities.

September 7, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

DAVID L. STAMPE, Associate Professor, Department of Linguistics, effective January 1, 1980 through June 30, 1980, to accept an NEH Fellowship for study in Europe.

LARRY R. CAMP, Assistant Professor, Department of Art, effective October 1, 1979 through September 30, 1980, to conduct research, i.e., painting in New York City.

KEITH RANDALL EBERHARDT, Assistant Professor, Department of Statistics, effective October 1, 1979 through September 30, 1980, to continue work at the National Bureau of Standards on compliance sampling.

HELEN FEHERVARY, Assistant Professor, Department of German, effective October 1, 1979 through September 30, 1979, to accept a grant from Alexander-von-Humboldt Foundation in West Germany.

THOMAS OBREMSKI, Assistant Professor, Department of Statistics, effective October 1, 1979 through September 30, 1980, to accept a visiting position at the University of Denver.

LAWRENCE L. ROSE, Assistant Professor, Department of Computer and Information Science, effective October 1, 1979 through September 30, 1980, to work at Duquesne Systems, Pittsburgh, Pennsylvania.

GOLDEN JACKSON-MERGLER, Instructor, Cooperative Extension Service, effective September 15, 1979 through May 31, 1980, for graduate study to obtain a Ph.D. degree at The Ohio State University.

Professional Improvement Leaves

BYRON L. BONDURANT, Professor, Department of Agricultural Engineering, effective Autumn Quarter 1979 and Winter Quarter 1980.

DONALD R. LARSON, Associate Professor, Department of Romance Languages and Literatures, effective Autumn Quarter 1980 and Winter Quarter 1981.

JANE M. SNYDER, Associate Professor, Department of Classics, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

CHARLES G. S. WILLIAMS, Associate Professor, Department of Romance Languages and Literatures, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

September 7, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles

GLENN A. FRY, College of Optometry, with the title Professor Emeritus, effective July 1, 1979.

ISABEL MILLER, Academic Faculty of Early and Middle Childhood Education, with the title Associate Professor Emeritus, effective August 1, 1979.

MELBA D. WOODRUFF, Academic Faculty of Humanities Education, with the title Associate Professor Emeritus, effective September 1, 1979.

KENNETH E. ACKERMAN, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective September 1, 1979.

ARTHUR B. LEWIS, College of Dentistry (Orthodontics), with the title Assistant Professor Emeritus, effective July 1, 1979.

FADIL I. MERHEMIC, University Libraries, with the title Assistant Professor Emeritus, effective September 1, 1979.

MAURICE L. ZOXY, Department of Surgery, with the title Assistant Professor Emeritus, effective July 1, 1979.

Upon motion of Mr. Redman, seconded by Dr. Jacob, 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. 80-19

Synopsis: The reports on contracts, grants and gifts and the summary for July 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 Office of Business and Administration of the University, The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

September 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

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 Office of Business and Administration, the Engineering Experiment Station, and The Ohio State University Development Fund during the month of July 1979, be approved.

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

SUMMARY FOR JULY 1979

Source	No. of Projects	Support Level
Office of Business and Administration	11	\$2,465,807.61
The Ohio State University Research Foundation	104	4,529,858.93
Engineering Experiment Station	2	17,600.00
		\$7,013,266.54
		May 1979
The Ohio State University Development Fund	3,098 Donors	\$ 962,048.85
Establishment of Named Funds		
The John Rosebrough Memorial Scholarship Fund (Scholarships - College of Law)		\$ 4,381.00
Charles C. Callahan Scholarship Fund (Scholarships - College of Law)		\$ 3,430.00

September 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

Report from Presidents Club

Members to date	3,155
1979: year to date	312
New members - July 1979	32

New Presidents Club Members - July 1979

Carol O. Bush (Mrs. Charles A.)	Rosalie Levy
Raymond B. Casto	Leslie Loveless
Donald R. Cruickshank	Kathryne M. Makley
Marcel J. Daneault	Robert V. Marraro
Robert Euser	George N. Meeker
Richard L. Falter	Dana A. Miller
John J. Fromkes	Roger W. Miller
Susan C. Fromkes (Mrs. John J.)	Harland L. Mischler
Charles M. Galloway	Evelyn A. Moody
James E. Geis	R. Donald Rorapaugh
Charles F. Glander	Ronald T. Salyer
Raymond L. Grieselhuber	N. T. Shah
Edwina S. Jenkins (Mrs. Thomas G.)	Richard L. Swob
Diana T. Kakos (Mrs. Gerard S.)	Ronald W. Turscak
Melanie S. Kennedy (Mrs. Bruce H.)	Robert E. Watson
Keith M. Kulow	Frank Zidonis

September 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION

State of Ohio Contracts/Grants

\$830,582.37 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Trade and Industrial Teacher Education and Support Services, Academic Faculty of Vocational-Technical Education, July 1, 1979 through June 30, 1980.

\$574,568.47 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Teacher Education and Special Services in Vocational Agriculture, Department of Agricultural Education, July 1, 1979 through June 30, 1980.

\$250,859.71 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Research, Survey, Evaluation and Exemplary Programs, Department of Agricultural Education, July 1, 1979 through June 30, 1980.

\$247,137.28 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Distributive Education Teacher Education and Support Services, Academic Faculty of Vocational-Technical Education, July 1, 1979 through June 30, 1980.

\$233,043.42 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Teacher Education and Special Services in Vocational Home Economics, School of Home Economics, July 1, 1979 through June 30, 1980.

\$108,846.56 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Business and Office Teacher Education and Support Services, Academic Faculty of Vocational-Technical Education, July 1, 1979 through June 30, 1980.

\$106,036.80 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Guidance Services in Vocational Education, Academic Faculty of Vocational-Technical Education, July 1, 1979 through June 30, 1980.

\$95,000.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Vocational Educational Materials Laboratory Support, Academic Faculty of Vocational-Technical Education, July 1, 1979 through June 30, 1980.

\$16,583.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Developing a Model for Recruitment, Retention and Placement of Female Students in Secondary Vocational Education Programs Which Have Traditionally Been for Males, Department of Agricultural Education, July 1, 1979 through June 30, 1980.

September 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

State of Ohio Contracts/Grants (contd)

\$2,150.00 - State of Ohio, Ohio Historical Center, Columbus, Ohio, Regional Historic Preservation Office, Region 4A: Coshocton Survey Project, Mansfield Regional Campus, June 1, 1979 through August 31, 1979.

\$1,000.00 - State of Ohio, Ohio Historical Center, Columbus, Ohio, Ohio Historic Inventory: Mt. Vernon Knox County, Mansfield Regional Campus, June 1, 1979 through August 31, 1979.

TOTAL - STATE OF OHIO CONTRACTS/GRANTS **\$2,465,807.61**

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$246,212.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Community Services, Rockville, Maryland, Nutritional Status of Functionally Retarded Children, Nisonger Center for Mental Retardation (B. A. Whittle Kozlowski), 1 July 1979 through 30 June 1980. (Project 760695 - Continuation)

\$241,940.00 - U. S. Environmental Protection Agency, Washington, D. C., Development of a Tissue Selective *In Vivo* Bioassay for Environmental Agents Producing DNA Damage, Department of Radiology (R. W. Hart), 26 December 1978 through 25 December 1979. (Project 761447 - Continuation)

\$158,276.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Chemical Carcinogen Induced Neoplastic Transformation, Departments of Physiological Chemistry and Veterinary Pathobiology (G. E. Milo), 1 July 1979 through 31 December 1980. (Project 761756 - New)

\$144,000.00 - Department of Health, Education, and Welfare, Office of Education, Bureau of Education of the Handicapped, Washington, D. C., A Parent-Child Interaction Model for Assessment and Training of Severe Language Delay, Nisonger Center for Mental Retardation (J. D. MacDonald), 1 July 1979 through 30 June 1980. (Project 761189 - Continuation)

\$139,300.00 - U. S. Environmental Protection Agency, Washington, D. C., Limnological Investigations of Water Quality and Fish Larvae in Lake Erie, Center for Lake Erie Area Research (C. E. Herdendorf), 15 June 1979 through 14 June 1980. (Project 764440 - Continuation)

September 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$133,205.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Teacher Corps Operation and Training, Academic Faculty of Early and Middle Childhood Education (C. R. Williams and E. Freeman), 15 July 1979 through 14 July 1980. (Project 761660 - Continuation)

\$115,760.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Clinical Cancer Education Program, Department of Surgery and College of Medicine - Administration (G. J. Cerilli), 1 July 1979 through 30 June 1980. (Project 761412 - Continuation)

\$114,882.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Mechanisms of Organelle Transmission Genetics, Department of Genetics (C. W. Birky and P. S. Perlman), 1 August 1979 through 31 July 1980. (Project 760122 - Continuation)

\$105,670.00 - National Science Foundation, Washington, D. C., Extension and Application of a Theory of Information Flow and Analysis: The Use of Information in a Decision-Making Environment, Department of Computer and Information Science (M. C. Yovits), 1 August 1979 through 31 July 1981. (Project 761772 - Continuation)

\$85,442.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Development Grant, School of Nursing (J. S. Stevenson), 1 July 1979 through 30 June 1980. (Project 761747 - New)

\$84,701.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland, Biomedical Computing and Information Processing, College of Medicine - Administration (G. L. Trzebiatowski), 1 July 1979 through 30 June 1980. (Project 761133 - Continuation)

\$82,038.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Factors Modifying Blood Platelet Function in Diabetics, Department of Physiological Chemistry (H. W. Sprecher), 1 July 1979 through 30 June 1980. (Project 760745 - Continuation)

\$78,925.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Antigenicity of Precancerous Lesions in Animal Models, Department of Veterinary Pathobiology (R. G. Olsen and E. A. Hoover), 30 September 1979 through 29 September 1980. (Project 760918 - Continuation)

September 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$74,970.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, A Cancer Center Epidemiology Biostatistic Unit, Cancer Research Center (M. D. Keller and D. S. Yohn), 1 July 1979 through 30 June 1980. (Project 760789 - Continuation)

\$73,308.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Pathology of Mitochondria in Ischemic Myocardium, Department of Physiological Chemistry (G. P. Brierley), 30 June 1979 through 29 June 1980. (Project 761229 - Continuation)

\$69,890.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Advanced Psychiatric-Mental Health Nursing, School of Nursing (G. M. Sills), 1 July 1979 through 30 June 1980. (Project 761199 - Continuation)

\$66,880.00 - National Science Foundation, Washington, D. C., Applications of Differential Reflectivity Radar Measurements to SESAME, Department of Electrical Engineering (T. A. Seliga), 1 May 1979 through 30 April 1980. (Project 761725 - New)

\$66,733.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Polymerized Tumor Antigen-Adjuvant Immunotherapy, Department of Medicine (J. A. Neidhart), 1 July 1979 through 30 June 1980. (Project 761757 - New)

\$64,513.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, New Spectral Probes in Hemolytic Anemias, Department of Chemistry (J. O. Alben), 1 July 1979 through 30 June 1980. (Project 760289 - Continuation)

\$64,143.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Energy Output and Efficiency of Left Ventricle, Department of Physiology (H. P. Pieper), 1 July 1979 through 30 June 1980. (Project 764403 - Continuation)

\$63,566.00 - National Science Foundation, Washington, D. C., Synthesis and Studies of Selected Metal Carbonyl and Metalloborane Cluster Systems, Department of Chemistry (S. G. Shore), 1 September 1979 through 31 August 1980. (Project 761767 - Continuation)

September 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$60,779.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute on Aging, Bethesda, Maryland, Protein Stability and Aging in Anucleate Cells, Department of Microbiology (J. N. Reeve), 1 July 1979 through 30 June 1980. (Project 761724 - New)

\$60,076.00 - Department of Health, Education, and Welfare, Office of Education, Bureau of Education of the Handicapped, Washington, D. C., The Development of a Curriculum for Pediatric Residents in Handicapping Conditions, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 August 1979 through 30 June 1980. (Project 761774 - New)

\$59,336.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Human Thrombin: Binding and Recognition Sites, Department of Chemistry (L. J. Berliner), 1 July 1979 through 30 June 1980. (Project 761742 - New)

\$58,480.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Hyattsville, Maryland, Family Centered Program on Intervention, Nisonger Center for Mental Retardation (M. F. Chase), 1 July 1979 through 30 June 1980. (Project 760710 - Continuation)

\$58,026.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunotherapy of Experimental Lung Cancer, Department of Microbiology and Cancer Research Center (B. S. Zwillig), 1 August 1979 through 31 July 1980. (Project 760172 - Continuation)

\$56,496.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Enzyme Catalysis of Electron and Group Transfer, Department of Chemistry (P. A. Frey), 1 July 1979 through 30 June 1980. (Project 762811 - Continuation)

\$52,990.00 - National Endowment for the Humanities, Washington, D. C., International Cooperation in Publishing Records of Early English Drama, Center for Medieval and Renaissance Studies (S. J. Kahrl), 1 June 1979 through 31 May 1981. (Project 761741 - New)

\$52,300.00 - National Science Foundation, Washington, D. C., Carbenic Processes, Department of Chemistry (H. S. Shechter), 1 August 1979 through 31 July 1980. (Project 760835 - Continuation)

September 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$51,500.00 - National Science Foundation, Washington, D. C., Wave Properties of Heterogeneous Materials, Department of Physics (R. L. Mills, J. Korringa, and D. G. Stroud), 1 August 1979 through 31 July 1980. (Project 761213 - Continuation)

\$51,498.00 - National Science Foundation, Washington, D. C., Gaseous and Aqueous Corrosion of Ceramics, Department of Ceramic Engineering (D. W. Readey), 1 July 1979 through 30 June 1980. (Project 761183 - Continuation)

\$49,962.00 - U. S. Environmental Protection Agency, Washington, D. C., Chlorinated Hydrocarbons: Insecticide vs. Carcinogenic Action, Department of Radiology (R. W. Hart), College of Pharmacy (N. J. Lewis), and Department of Entomology (W. J. Collins), 18 July 1979 through 17 July 1980. (Project 760756 - Continuation)

\$49,815.00 - Department of Health, Education, and Welfare, Social Security Administration, Baltimore, Maryland, Limitation in Function and Disability, Mershon Center for Education in National Security (S. Z. Nagi), 1 May 1979 through 30 September 1979. (Project 761717 - New)

\$46,679.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Flavoenzyme Mechanisms: Redox and Non-Redox Reactions, Department of Chemistry (M. S. Jorns), 1 July 1979 through 30 June 1980. (Project 764374 - Continuation)

\$45,833.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Knowledge Interpretation Program (Educational Equity) (Phases I and II), The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1979 through 30 June 1980. (Project 761396 - Continuation)

\$42,784.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Sound Transmission in Lung, Departments of Veterinary Physiology and Pharmacology and Medicine (D. A. Rice) and Department of Veterinary Physiology and Pharmacology (R. L. Hamlin), 1 August 1979 through 31 July 1980. (Project 760728 - Continuation)

\$42,370.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Models and Mechanisms of Acute Lung Injury After Shock, Department of Surgery (B. D. Lowery), 1 July 1979 through 30 June 1980. (Project 761744 - New)

September 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$41,280.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Mechanisms of Nucleoside Kinase Regulation, Department of Biochemistry (D. H. Ives), 1 July 1979 through 30 June 1980. (Project 761732 - New)

\$40,505.00 - Department of the Army, U. S. Army Research Office, Research Triangle Park, North Carolina, Expansion of Geoecological Mapping Along the Yukon River-Prudhoe Bay Road and Within, Institute of Polar Studies and Department of Agronomy (K. R. Everett), 1 July 1979 through 30 June 1980. (Project 761776 - New)

\$40,000.00 - National Science Foundation, Washington, D. C., Interactions of Chloroplast Membrane Proteins, Department of Biochemistry (E. L. Gross), 1 July 1979 through 30 June 1980. (Project 761212 - Continuation)

\$39,918.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Pathogenesis of Animal Leukemia, Department of Veterinary Pathobiology (E. A. Hoover), 1 September 1979 through 31 August 1980. (Project 760928 - Continuation)

\$38,167.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Psychiatry (Child) Residency, Department of Psychiatry (L. E. Arnold), 1 July 1979 through 30 June 1980. (Project 761764 - New)

\$38,144.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, A Study of the Activities of IMPY and Its Metabolites, Department of Medicine (J. A. Neidhart), 1 August 1979 through 31 July 1980. (Project 761777 - New)

\$30,312.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Attention and Decision Processes in Pattern Matching, Department of Psychology (L. E. Krueger), 1 July 1979 through 30 June 1980. (Project 761743 - New)

\$29,984.00 - National Science Foundation, Washington, D. C., Stratigraphy and Sedimentary Petrology of the Polarstar Formation Ellsworth Mountains, Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (J. W. Collinson), 1 August 1979 through 31 July 1980. (Project 761770 - New)

September 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$29,892.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Clinical Education Coordination, School of Allied Medical Professions (F. M. Pierson), 1 July 1979 through 30 June 1980. (Project 760720 - Continuation)

\$29,279.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute on Aging, Bethesda, Maryland, Biosynthetic and Structural Studies in Phaeomelanin, Department of Chemistry (M. R. Chedekel), 1 July 1979 through 30 June 1980. (Project 761697 - New)

\$26,500.00 - National Science Foundation, Washington, D. C., On Some Combinatorial Problems and Their Applications, Department of Mathematics, (D. K. Ray-Chaudhuri), 1 July 1979 through 30 June 1981. (Project 761735 - Continuation)

\$20,500.00 - National Science Foundation, Washington, D. C., Geochronology and Petrology of the Eastern Pioneer Mountains, Montana, Department of Geology and Mineralogy (J. F. Sutter), 1 June 1979 through 31 May 1980. (Project 761754 - New)

\$20,169.00 - Sandia Laboratories, Albuquerque, New Mexico, Stress and Roof Subsidence Evaluations for Selected Coal Mine Pillar Geometries, Department of Engineering Mechanics (S. H. Advani and J. K. Lee), 23 July 1979 through 31 March 1980. (Project 761778 - New)

\$20,000.00 - National Science Foundation, Washington, D. C., Genesis of Mineralization Associated with Andean Intrusions, Northern Antarctica Peninsula Region, Institute of Polar Studies and Department of Geology and Mineralogy (D. E. Pride), 1 August 1979 through 31 July 1980. (Project 761769 - New)

\$20,000.00 - National Endowment for the Arts, Washington, D. C., Organization Grant Application, National Endowment for the Arts, Museum Purchase Plan, Arts Administration (B. Collings), 1 July 1979 through 30 June 1980. (Project 761761 - New)

\$20,000.00 - National Science Foundation, Washington, D. C., Geochemistry and Byrd-Darwin Glacier Area, Transantarctic Mountains, Antarctica, Department of Geology and Mineralogy and Institute of Polar Studies (G. Faure), 1 August 1979 through 31 July 1980. (Project 761084 - Continuation)

September 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$19,821.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute on Aging, Bethesda, Maryland, Photochemical and Structural Studies on Phaeomelanin, Department of Chemistry (M. R. Chedekel), 1 August 1979 through 31 July 1980. (Project 761760 - New)

\$18,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, ADI Relaxation Algorithms Applied to Grid Generation, Department of Mechanical Engineering (S. Nakamura), 1 July 1979 through 30 June 1980. (Project 760964 - New)

\$15,000.00 - Department of Energy, Oak Ridge Operations, Oak Ridge, Tennessee, The Pre-Freshman and Cooperative Education for Minorities in Engineering (PREFACE) Program at The Ohio State University, College of Engineering (M. M. McGee), 15 May 1979 through 30 June 1980. (Project 761755 - New)

\$14,120.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Dental Hygiene - Teacher Preparation (M. S.), School of Allied Medical Professions (D. C. Broski), 1 July 1979 through 30 June 1980. (Project 761227 - Continuation)

\$13,000.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Effects of Otoconial Deprivation on Gravity Receptors, Department of Otolaryngology (D. J. Lim and D. R. Trune), 1 August 1979 through 31 July 1980. (Project 761485 - New)

\$10,181.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Electronic Search Technology Applicable to the SETI Problem, Department of Electrical Engineering (J. D. Kraus), 1 August 1979 through 31 July 1980. (Project 760413 - Continuation)

\$9,405.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Foreign Language and Area Studies Centers and Fellowships - East Asian, Center for International Studies (J. S. Adams) and Department of Political Science (B. Richardson), 15 August 1979 through 14 August 1980. (Project 761749 - New)

\$9,130.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Development of a Vaccine Against the Lethal Exotoxin of *Pseudomonas aeruginosa*, Department of Microbiology (N. R. Baker), 1 June 1979 through 31 May 1980. (Project 761141 - Continuation)

September 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$9,095.00 - Department of Transportation, National Highway Traffic Safety Administration, Washington, D. C., Software Support System for Data Acquisition, Department of Electrical Engineering (H. Hemami), 29 June 1979 through 30 November 1979. (Project 761750 - New)

\$8,802.00 - Department of Transportation, National Highway Traffic Safety Administration, Washington, D. C., Development and Testing of a Hewlett-Packard PDP Data Link, Department of Electrical Engineering (H. Hemami), 29 June 1979 through 30 November 1979. (Project 761751 - New)

\$8,500.00 - National Science Foundation, Washington, D. C., Weil Representation and Applications to the Lifting Problem, Department of Mathematics (S. Rallis), 1 July 1979 through 30 June 1980. (Project 761100 - Continuation)

\$5,000.00 - National Science Foundation, Washington, D. C., Thermodynamics of Photosynthesis, Department of Biochemistry (R. T. Ross), 1 November 1979 through 31 January 1980. (Project 760529 - Continuation)

\$4,997.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Calculator Information Center, Academic Faculty of Science and Mathematics Education (M. N. Suydam), 1 July 1979 through 31 October 1979. (Project 761736 - Continuation)

\$4,110.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Foreign Language and Area Studies Centers and Fellowships - Near and Middle East, Center for International Studies (J. S. Adams) and Department of History (M. Waldman), 15 August 1979 through 14 August 1980. (Project 761759 - New)

\$3,561.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Medicine (H. G. Cramblett), 1 April 1979 through 31 March 1980. (Project 761078 - Continuation)

\$2,936.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, Graduate School (J. B. LaPidus), 1 April 1979 through 31 March 1980. (Project 764748 - Continuation)

\$1,932.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Developmental Biology - Interdisciplinary, Department of Zoology (R. A. Tassava), 1 July 1977 through 30 June 1978. (Project 760744 - Continuation)

September 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$1,500.00 - National Endowment for the Humanities, Washington, D. C., Profession in Crisis: Historical Perspective on Current Criticisms of Medicine, Department of History (J. C. Burnham), 1 July 1979 through 31 December 1979. (Project 761527 - Continuation)

\$956.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Pharmacy (A. H. Soloway), 1 April 1979 through 31 March 1980. (Project 760661 - Continuation)

\$830.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Veterinary Medicine (C. R. Smith), 1 April 1979 through 31 March 1980. (Project 762776 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$3,758,804.00**

State of Ohio Research Contracts/Grants

\$30,000.00 - State of Ohio, Department of Economic and Community Development, Office of Criminal Justice Service, Columbus, Ohio, Survey of Public Attitudes Concerning Crime and Criminal Justice, Department of Political Science (S. Thorson), 1 August 1979 through 30 November 1979. (Project 761765 - New)

\$9,500.00 - State of Ohio, Department of Health, Columbus, Ohio, A Study of the 1,122 Applicants Using Decision Analysis, School of Allied Medical Professions (P. C. Nutt), 15 July 1979 through 30 September 1980. (Project 761758 - New)

\$2,843.00 - The Ohio Program in the Humanities, Columbus, Ohio, Proud Black Images: Radio Presentations, Department of Black Studies (C. Nesbitt), 1 July 1979 through 31 December 1979. (Project 761256 - Continuation)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS **\$ 42,343.00**

Industrial, Private and Other Non-Federal Research Contracts/Grants

\$218,270.00 - The Procter and Gamble Company, Cincinnati, Ohio, Study of Dental Caries, College of Dentistry (W. A. Zacherl), 1 July 1979 through 30 June 1980. (Project 762065 - Continuation)

September 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$82,137.00 - The Procter and Gamble Company, Cincinnati, Ohio, Study of Dental Calculus, College of Dentistry (C. W. Conroy), 1 July 1979 through 30 June 1980. (Project 760029 - Continuation)

\$72,432.00 - The University of Michigan, Ann Arbor, Michigan, Genes on Mitochondrial DNA, Department of Genetics (P. S. Perlman), 1 July 1979 through 30 June 1980. (Project 761294 - Continuation)

\$63,316.00 - The Kroc Foundation, Santa Ynez, California, Canine Distemper Virus and Multiple Sclerosis, Department of Veterinary Pathobiology (S. Krakowka), 1 July 1979 through 30 June 1981. (Project 761738 - New)

\$46,600.00 - The Rockefeller Foundation, New York, New York, Internal Migration and Decentralization Policy in Venezuela, Academic Faculty of Labor and Human Resources, Center for Human Resource Research (S. C. Kelley and D. M. Ronchi), 1 July 1979 through 28 February 1981. (Project 761523 - New)

\$43,989.00 - Purdue University, West Lafayette, Indiana, Changes in the Economic Profile of Homeowners in Response to Recent Inflation, Department of Economics and Academic Faculty of Finance (E. J. Kane), 26 January 1979 through 31 December 1979. (Project 761684 - New)

\$28,587.00 - Marion County Comprehensive Employment and Training Act Program, Marion, Ohio, Training Program for Clients in Marion, Ohio, Local Area, Marion Campus (R. W. Felger) and The National Center for Research in Vocational Education (R. E. Taylor), 12 June 1979 through 11 December 1980. (Project 761666 - New)

\$25,225.00 - Madison Public Schools, London, Ohio, Martin W. Essex School for the Gifted, 1979, Academic Faculty for Exceptional Children (T. M. Stephens and R. H. Swassing), 1 June 1979 through 30 September 1980. (Project 761753 - New)

\$18,188.00 - Florida International University, Miami, Florida, Consortium for the Development of Professional Materials for Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 April 1979 through 31 March 1980. (Project 761775 - New)

\$15,000.00 - Paralyzed Veterans of America, Washington, D. C., Spinal Cord Injury State after Trauma, Department of Surgery (D. G. Yashon), 1 July 1979 through 30 June 1980. (Project 760740 - Continuation)

September 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Myocardial Calcium Regulation - Adaptation to Chronic Exercise, Department of Physiological Chemistry (A. J. Merola and A. C. Gillespie), 1 October 1979 through 30 September 1980. (Project 761672 - New)

\$10,000.00 - Battelle Memorial Institute, Columbus, Ohio, Markers for Selective Chemotherapeutic Testing *In Vitro*, Department of Physiological Chemistry and Comprehensive Cancer Center (R. W. Trewyn), 1 August 1979 through 31 January 1980. (Project 761745 - New)

\$10,000.00 - The United States Trotting Association, Columbus, Ohio, Equine Viral Rhinopneumonitis: Reinfection, Immunity, and Pathogenesis, Department of Veterinary Clinical Sciences (P. W. Murdick), 1 April 1979 through 31 March 1980. (Project 760159 - Continuation)

\$9,996.00 - Massachusetts Institute of Technology, Cambridge, Massachusetts, Flight Evaluation of the Aeroacoustics of a New General Aviation Propeller, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and K. D. Korkan) and Department of Aviation (G. S. Weislogel), 1 June 1979 through 31 December 1979. (Project 761708 - Continuation)

\$9,746.00 - University of Maine at Orono, Orono, Maine, A Study of the Interaction of the Ross Ice Shelf with Byrd Glacier, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot) and Institute of Polar Studies (H. H. Brecher), 1 June 1979 through 30 September 1979. (Project 761737 - New)

\$9,000.00 - Kidney Foundation of Central Ohio, Inc., Columbus, Ohio, Evaluation of Chronic Aluminum Neurotoxicity, College of Pharmacy (M. C. Gerald), 1 July 1979 through 30 June 1980. (Project 761748 - New)

\$8,600.00 - University of Dayton, Research Institute, Dayton, Ohio, Radiolabeling Tetrahydrodicyclopentadiene, College of Pharmacy (F. D. Cazer), 1 June 1979 through 15 September 1979. (Project 761734 - New)

\$7,080.00 - Ohio Wesleyan University, Delaware, Ohio, Assistance with Administration, Counseling, Programmatic and Training Services, Academic Faculty of Special Services (R. F. Rodgers), 5 August 1979 through 4 June 1980. (Project 761740 - Continuation)

\$6,000.00 - American Cancer Society - Ohio Division, Cleveland, Ohio, Human Macrophage Tumoricidal Activity, Department of Medicine (J. J. Rinehart), 1 July 1979 through 30 June 1980. (Project 761762 - New)

September 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$6,000.00 - American Cancer Society - Ohio Division, Cleveland, Ohio, N, N-dimethylasparagine. A Substitute for Asparaginase Therapy, Department of Biochemistry (G. P. Royer), 1 July 1979 through 30 June 1980. (Project 761726 - New)

\$5,782.00 - Exxon Education Foundation, New York, New York, Implementation of the Dartmouth Intensive Language Model, Department of Judaic and Near Eastern Languages and Literatures (V. A. Cairns), 1 July 1979 through 30 June 1980. (Project 761768 - New)

\$5,000.00 - The Petroleum Research Fund, American Chemical Society, Washington, D. C., Rapid Three-Carbon Annulations, Department of Chemistry (D. J. Hart), 1 July 1979 through 30 June 1981. (Project 761771 - New)

\$5,000.00 - World Health Organization, Special Programs for Research and Training in Tropical Diseases, Geneva, Switzerland, Development of *In Vitro* Production of Insect Pathogens in Invertebrate Cell Lines, Department of Entomology (W. F. Hink), 1 August 1979 through 31 July 1980. (Project 761121 - Continuation)

\$4,320.00 - Otterbein College, Westerville, Ohio, Assistance with Administration, Programming, and Policy Analysis, Academic Faculties of Special Services and Educational Administration (R. F. Rodgers), 7 September 1979 through 7 June 1980. (Project 761763 - New)

\$2,550.00 - Ohio Medical Indemnity Mutual Corporation, Worthington, Ohio, School Health Curriculum Project 4th Grade, School of Health, Physical Education and Recreation (P. Heit), 1 July 1979 through 1 September 1979. (Project 761746 - New)

\$2,456.00 - Safety Council, Columbus Area Chamber of Commerce, Columbus, Ohio, Technical Assistance in Developing Commercial Establishment Crime Prevention Curriculum, Department of Sociology (J. E. Scott), 1 August 1979 through 30 September 1979. (Project 761752 - New)

\$2,000.00 - The George Washington University, Washington, D. C., A Study of the Problems of Developing an Information System Concerning Energy Storage, The National Center for Research in Vocational Education (R. E. Taylor) 1 July 1979 through 31 August 1979. (Project 768020 - New)

September 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$437.93 - International Studies Association, Pittsburgh, Pennsylvania, Direction of the International Studies Association Curriculum Development Project, Department of Political Science (J. E. Harf), 1 August 1976 through 30 June 1977. (Project 760569 - Continuation)

TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS **\$ 728,711.93**

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$9,000.00 - American Iron and Steel Institute, Washington, D. C., for Columns Braced in Nonprinciple Directions, Department of Civil Engineering, July 13, 1979 through April 30, 1980. (EES 598/529078)

\$8,600.00 - Brick Institute of America, Canton, Ohio, for Passive Solar Energy Project for the Ohio State Fair Solar Home: Phase I Design and Documentation, Department of Architecture, June 1, 1979 through September 30, 1979. (EES 597/529077)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH AND DEVELOPMENT **\$ 17,600.00**

Sponsored Development Projects

\$70,766.00 from various sponsors for 36 development projects.

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$68,000.00 - General Motors Foundation, Inc., Detroit, Michigan: \$13,000.00 for Capital Campaign-Mechanical Engineering; \$11,000.00 for the Capital Campaign-Electrical Engineering; \$8,000.00 for the Capital Campaign-Industrial and Systems Engineering; \$7,000.00 for the Capital Campaign-Chemical Engineering; \$6,000.00 for the College of Engineering Special Fund; \$6,000.00 for the Engineering Mechanics Chairman's Discretionary Fund; \$6,000.00 for the Capital Campaign-Welding Engineering; \$5,000.00 for the Capital Campaign-Engineering Graphics; \$5,000.00 for the Capital Campaign-Metallurgical Engineering; and \$1,000.00 for the Affirmative Action Program in Engineering Fund.

September 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$50,000.00 - Battelle Memorial Institute, Columbus, Ohio, for the Battelle/Ohio State University Partnership in Engineering Education Fund.

\$30,501.44 - Louise Orr Scott Foundation, Columbus, Ohio: \$22,876.08 for the William Craig Orr and Mary Black Orr Scholarship in Medicine and \$7,625.36 for the William Craig Orr and Mary Black Orr Scholarship in Pharmacy.

\$26,625.00 - Arthur E. Shepard, Columbus, Ohio: \$26,125.00 for the Presidents Club Special Fund and \$500.00 for the Student Athlete Grant-in-Aid Fund.

\$26,220.00 - E. I. duPont de Nemours & Company, Wilmington, Delaware: \$14,220.00 for the Clinical Pharmacology Fund and \$12,000.00 for the Affirmative Action Program in Engineering Fund.

\$25,000.00 - The James W. Overstreet Trust, Columbus, Ohio, (given in the name of James W. Overstreet), for the Novice G. Fawcett Chair of Educational Administration.

\$21,600.00 - Eli Lilly and Company, Indianapolis, Indiana: \$16,000.00 for the Infectious Disease Research Fund and \$5,600.00 for the Lilly Research.

\$19,000.00 - The Bremer Foundation, Youngstown, Ohio, for the Bremer Foundation Fund.

\$18,350.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund.

\$17,686.80 - Systems Associates, Columbus, Ohio: \$9,872.47 for the Department of Medicine General Fund; \$4,116.70 for the Cardiology Support Fund; \$2,695.63 for the Clinical Pharmacology of Dobutamine - Eli Lilly Co.; \$1,002.00 (given in the name of Carol O. Bush) for the Cardiology Support Fund.

\$14,620.00 - The Procter & Gamble Company, Cincinnati, Ohio: \$7,660.00 for the Procter & Gamble Fellowship in Chemistry and \$6,960.00 for the Procter & Gamble Fellowship Fund in Chemical Engineering.

\$13,541.15 - Grant Hospital, Columbus, Ohio, for the Ophthalmology Teaching Fund.

\$11,208.00 - Pfizer, Inc., New York, New York, for the Infectious Disease Research Fund.

September 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$11,062.10 - William Howard Bay, M.D., Inc., Columbus, Ohio, (given in the name of William Howard Bay): \$6,565.78 for the Department of Medicine General Fund and \$4,496.32 for the Renal Disease Fund.

\$10,000.00 - BancOhio/Ohio National Bank, Columbus, Ohio, (given in the names of Robert G. Stevens and Kenneth R. Murray), for the Ohio 4-H Foundation Support Fund.

\$10,000.00 - Melanie S. Kennedy, M.D., Columbus, Ohio, for the Department of Pathology Educational and Research Discretionary Fund.

\$10,000.00 - The Kettering Fund, Dayton, Ohio, (given in the name of Mrs. Virginia Kempf), for the 4-H Camp Clifton Improvement Fund.

\$10,000.00 - N. T. Shah, M.D., Columbus, Ohio, for the Department of Pathology Educational and Research Discretionary Fund.

\$9,114.09 - Grace and Carl Baldwin Trust, Columbus, Ohio, for the Carl M. and Grace C. Baldwin Eye Care Fund.

\$9,094.00 - Bert C. Moore, Washington, D. C., for undesignated gifts.

\$8,903.76 - University Eye Surgeons, Inc., Columbus, Ohio, (given in the name of Richard H. Keates, M.D.), for the Eye Bank Fund.

\$6,000.00 - Central Ohio Center for Economic Education, for the Center for Economic Education.

\$6,000.00 - Melvin Moffitt Estate, San Antonio, Texas, for the Melvin E. Moffitt Memorial Fund.

\$6,000.00 - The Edward Orton, Jr., Ceramic Foundation, Columbus, Ohio, for the Orton Foundation Fellowship.

\$5,580.00 - Dr. Richard D. Gilson, Columbus, Ohio, for the Department of Aviation Chairman's Discretionary Fund.

\$5,500.00 - Owens Corning Fiberglas, Toledo, Ohio, for the Student Athlete Grant-in-Aid Fund.

\$5,200.00 - Dade Diagnostics, Inc., Aguada, Puerto Rico, for the Department of Veterinary Clinical Sciences Blood Coagulation Research Fund.

September 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$5,000.00 - Exxon Education Foundation, New York, New York, for the Exxon Graduate Fellowship in Chemical Engineering.

\$5,000.00 - McDonald's Restaurants of Ohio, Columbus, Ohio, for the Ohio 4-H Foundation Support Fund.

\$5,000.00 - Ohio Association of Garden Clubs, Inc., Orient, Ohio, for the Ohio Association of Garden Clubs Horticulture Scholarship.

\$5,000.00 - Ohio Turfgrass Foundation, Columbus, Ohio: \$2,500.00 for the Bio-Catalytic Soil Conditioners Research Fund and \$2,500.00 for the GCSAA Research Fund.

Gift-in-Kind

\$34,500.00 - JMR Instruments, Inc., Chatsworth, California, 1-JMR Doppler Survey Set for use in the Department of Geodetic Science.

Establishment of Named Funds

The John Rosebrough Memorial Scholarship Fund

The John Rosebrough Memorial Scholarship Fund was established September 7, 1979, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from friends of the late John Rosebrough, a former student in the College of Law from Ironton, 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 for students enrolled in the College of Law who have demonstrated academic ability and need for financial assistance. The selection of the recipient is to be made upon the recommendation of the University Scholarship Committee and the Dean of the College of Law.

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 law education.

September 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Charles C. Callahan Scholarship Fund

The Charles C. Callahan Scholarship Fund was established September 7, 1979, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends of the late Charles C. Callahan, a former professor in the College of Law.

All gifts are to be invested in the University's Permanent Endowment Fund, under the 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 Law who have demonstrated academic ability and need for financial assistance. The selection of the recipient is to be made upon the recommendation of the University Scholarship Committee and the Dean of the College of Law.

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 law education.

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EMPLOYMENT OF ARCHITECT/ENGINEER

**ST. JOHN ARENA
EXPANSION OF LOCKER ROOM FACILITIES**

Resolution No. 80-20

Synopsis: Employment of Architect for developing space in the basement of St. John Arena for use as a Locker Room facility.

WHEREAS the existing locker room facilities in St. John Arena are inadequate to accommodate the increased programs offered by the Department of Athletics; and

WHEREAS it has been determined to be feasible to develop space in the north basement of St. John Arena to provide approximately 7,500 square feet of space for showers, toilets and locker room facilities primarily in support of Women's Intercollegiate Athletics:

September 7, 1979 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER (contd)

**ST. JOHN ARENA
EXPANSION OF LOCKER ROOM FACILITIES (contd)**

NOW THEREFORE

BE IT RESOLVED, That the firm of Trott & Bean Architects, Columbus, Ohio, be employed to provide complete architectural services for this project including the preliminary plans, basic drawings, specifications, estimates of cost, necessary bidding documents and supervision of construction; and

BE IT FURTHER RESOLVED, That the fee for this service be negotiated between the firm and the Department of Administrative Services, Division of Public Works, with the total estimated project cost being \$271,975 with funds being provided by the Department of Athletics.

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

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PLANS AND SPECIFICATIONS

Resolution No. 80-21

Synopsis: Plans and specifications are being proposed for the following projects.

WHEREAS at the request of the Vice President for Business and Administration, the President recommends that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following projects:

DODD HALL AND MEANS HALL, EXTERIOR RESTORATION

Project:	Steam cleaning of all masonry surfaces, tuckpointing and all necessary repairs for complete restoration of deteriorated areas. Waterproof coating will be applied after all repairs are made.
Funding:	Budget Account 882018
Estimated Project Cost:	\$183,584.00

September 7, 1979 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

**VETERINARY HOSPITAL, RENOVATION OF
WASTE MATERIAL HANDLING SYSTEM**

Project: Remodel and modify waste material handling in the veterinary hospital facility. These improvements will reduce maintenance costs, improve occupant environment and safety.

Funding: Budget Account 882902

Estimated Project Cost: \$130,583.00

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 Administration 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 Mr. Hilliker, 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. 80-22

Synopsis: Contracts have been awarded for the projects listed on the following pages 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:

September 7, 1979 meeting, Board of Trustees

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

AGRONOMY, NATURAL RESOURCES AND PLANT PATHOLOGY

Description: Construction of a new four-story building located within the building complex of the College of Agriculture and Home Economics on the campus west of the Olentangy River. This building will provide essential and modern facilities necessary to accommodate the academic, research and extension programs of the Department of Agronomy, the School of Natural Resources and the Department of Plant Pathology. The departments are now located in four buildings in different areas of the campus.

General Contract

Date Received:	March 14, 1979
No. of Bids:	5
Low Bid:	\$ 6,320,000.00* **
High Bid:	\$ 7,635,000.00
Estimate of Cost:	\$ 5,440,913.00
Awarded to:	Setterlin Company (Columbus, Ohio)

Plumbing Contract

Date Received:	March 14, 1979
No. of Bids:	4
Low Bid:	\$ 718,000.00**
High Bid:	\$ 1,165,000.00
Estimate of Cost:	\$ 756,729.00
Awarded to:	Montoney's Heating & Piping (Columbus, Ohio)

*General, Fire Protection and Environmental Room Contracts in excess of the filed estimate of cost; however, the total price of all contracts is within 10 per cent of the total estimate of cost and the contracts, therefore, are being recommended for award as provided by Section 153.12 of the Ohio Revised Code.

** Less reduction of negotiated items.

September 7, 1979 meeting, Board of Trustees

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

AGRONOMY, NATURAL RESOURCES AND PLANT PATHOLOGY (contd)

**Heating, Ventilating and
Air Conditioning Contract**

Date Received:	March 14, 1979
No. of Bids:	5
Low Bid:	\$ 1,942,000.00**
High Bid:	\$ 2,221,000.00
Estimate of Cost:	\$ 1,971,951.00
Awarded to:	Kirk Williams Company, Inc. (Grove City, Ohio)

Electrical Contract

Date Received:	March 14, 1979
No. of Bids:	4
Low Bid:	\$ 1,422,850.00**
High Bid:	\$ 1,639,000.00
Estimate of Cost:	\$ 1,678,382.00
Awarded to:	Burroughs-Hatfield Electric, Division of Hatfield Electric Company (Columbus, Ohio)

Fire Protection Contract

Date Received:	July 6, 1979
No. of Bids:	3
Low Bid:	\$ 211,344.00*

*General, Fire Protection and Environmental Room Contracts in excess of the filed estimate of cost; however, the total price of all contracts is within 10 per cent of the total estimate of cost and the contracts, therefore, are being recommended for award as provided by Section 153.12 of the Ohio Revised Code.

**Less reduction of negotiated items.

September 7, 1979 meeting, Board of Trustees

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

AGRONOMY, NATURAL RESOURCES AND PLANT PATHOLOGY (contd)

Fire Protection Contract (contd)

High Bid:	\$ 251,186.00
Estimate of Cost:	\$ 209,100.00*
Awarded to:	Star Equipment, Division of Star Industries, Inc. (Columbus, Ohio)

Environmental Rooms Contract

Date Received:	July 6, 1979
No. of Bids:	3
Low Bid:	\$ 205,638.00*
High Bid:	\$ 350,811.00
Estimate of Cost:	\$ 205,600.00
Awarded to:	Warren-Sherer, Division of Kysor Industrial Corp. (Marshall, Michigan)

Growth Chambers Contract

Date Received:	March 14, 1979
No. of Bids:	1
Low Bid:	\$ 39,700.00
Estimate of Cost:	\$ 100,000.00
Awarded to:	Warren-Sherer, Division of Kysor Industrial Corp. (Marshall, Michigan)

*General, Fire Protection and Environmental Room Contracts in excess of the filed estimate of cost; however, the total price of all contracts is within 10 per cent of the total estimate of cost and the contracts, therefore, are being recommended for award as provided by Section 153.12 of the Ohio Revised Code.

September 7, 1979 meeting, Board of Trustees

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

AGRONOMY, NATURAL RESOURCES AND PLANT PATHOLOGY (contd)

Laboratory Equipment Contract

Date Received:	August 10, 1979
No. of Bids:	2
Low Bid:	\$ 829,497.00
High Bid:	\$ 849,239.00
Estimate of Cost:	\$ 860,468.00
Awarded to:	Kewaunee Scientific (Statesville, N. C.)
Total All Contracts:	\$11,689,029.00
Total Contingency Allowance:	\$ 31,193.20 which is .3 percent of construction contracts
Total Project Cost:	\$13,494,000.00
Funding:	H.B. 687, Item 315-703 (\$294,000.00) and H.B. 618, Item 315-103 (\$13,200,000.00)

UNIVERSITY HOSPITAL RENOVATION, PHASE II

Description: Improvements to patient-care accommodations, which are obsolete through the advancement of technology and have deteriorated due to normal use.

General Contract

Date Received:	August 16, 1979
No. of Bids:	2
Low Bid:	\$ 3,980,000.00
High Bid:	\$ 3,995,000.00
Estimate of Cost:	\$ 4,100,000.00
Awarded to:	The Setterlin Company (Columbus, Ohio)

September 7, 1979 meeting, Board of Trustees

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

UNIVERSITY HOSPITAL RENOVATION, PHASE II (contd)

**Heating, Ventilating and
Air Conditioning Contract**

Date Received:	August 16, 1979
No. of Bids:	3
Low Bid:	\$ 2,137,300.00*
High Bid:	\$ 2,559,000.00
Estimate of Cost:	\$ 2,050,000.00
Awarded to:	J. A. Guy, Inc. (Columbus, Ohio)

Plumbing Contract

Date Received:	August 16, 1979
No. of Bids:	2
Low Bid:	\$ 1,630,400.00*
High Bid:	\$ 1,684,000.00
Estimate of Cost:	\$ 1,450,000.00
Awarded to:	Sauer, Inc. (Columbus, Ohio)

Electrical Contract

Date Received:	August 16, 1979
No. of Bids:	3
Low Bid:	\$ 1,895,600.00
High Bid:	\$ 2,089,000.00

*Heating, Ventilating and Air Conditioning, Plumbing and Fire Protection contracts were in excess of the filed estimate of cost; however, the total price of all contracts is within 10 percent of the total estimate of cost and the contracts, therefore, are being recommended for award as provided by Section 153.12 of the Ohio Revised Code.

September 7, 1979 meeting, Board of Trustees

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

UNIVERSITY HOSPITAL RENOVATION, PHASE II (contd)

Electrical Contract (contd)

Estimate of Cost: \$ 1,950,000.00
Awarded to: States Electric Company (Columbus, Ohio)

Fire Protection Contract

Date Received: August 16, 1979
No. of Bids: 2
Low Bid: \$ 306,070.00*
High Bid: \$ 344,200.00
Estimate of Cost: \$ 250,000.00
Awarded to: Capital Fire Protection Co. (Columbus, Ohio)

Total All Contracts: \$ 9,949,370.00

Total Contingency Allowance: \$ 406,788.32 which is 4 percent of construction contracts

Total Project Cost: \$11,477,854.00

Funding: H.B. 618, Item 315-118 (University Hospital Renovation)
 (1977-79 Biennium)

*Heating, Ventilating and Air Conditioning, Plumbing and Fire Protection contracts were in excess of the filed estimate of cost; however, the total price of all contracts is within 10 percent of the total estimate of cost and the contracts, therefore, are being recommended for award as provided by Section 153.12 of the Ohio Revised Code.

ORTON HALL RENOVATION

Description: This building was constructed in 1893. The major renovation work for this project includes correction of deteriorated ground floor slab, improve building electrical and plumbing services, remedy certain conditions to comply with current building codes, provide safety systems, exterior repairs, provide air conditioning for a portion of the building, and make the building accessible for the physically handicapped.

September 7, 1979 meeting, Board of Trustees

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

ORTON HALL RENOVATION (contd)

General Contract

Date Received:	August 8, 1979
No. of Bids:	6
Low Bid:	\$ 613,715.00* **
High Bid:	\$ 683,800.00*
Estimate of Cost:	\$ 672,300.00*
Awarded to:	Payt Construction Co. (Columbus, Ohio)

**Heating, Ventilating and
Air Conditioning Contract**

Date Received:	August 8, 1979
No. of Bids:	4
Low Bid:	\$ 210,400.00*
High Bid:	\$ 221,700.00*
Estimate of Cost:	\$ 275,050.00*
Awarded to:	Farber Corporation (Columbus, Ohio)

Plumbing Contract

Date Received:	June 20, 1979
No. of Bids:	4
Low Bid:	\$ 76,450.00* ** ** **
High Bid:	\$ 122,600.00*
Estimate of Cost:	\$ 55,500.00*
Awarded to:	R. E. Meyers (Columbus, Ohio)

* Recommended alternates reflected in these figures.

** Includes negotiated items.

*** Plumbing Contract was in excess of the estimate of cost; however, the total price of all contracts is within 10 percent of the total estimate of cost and the contract, therefore, is being recommended for award as provided by Section 153.12 of the Ohio Revised Code.

September 7, 1979 meeting, Board of Trustees

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

ORTON HALL RENOVATION (contd)

Electrical Contract

Date Received:	June 20, 1979
No. of Bids:	5
Low Bid:	\$ 177,837.00* **
High Bid:	\$ 274,916.00*
Estimate of Cost:	\$ 197,000.00*
Awarded to:	Meisner Electric Co. (Columbus, Ohio)
Total All Contracts:	\$1,078,402.00
Total Contingency Allowance:	\$ 8,203.64 which is 1 percent of construction contracts
Total Project Cost:	\$1,198,500.00
Funding:	H.B. 618, Utilities and Renovation 1977-79 Biennium (\$1,170,000) and Ohio Board of Regents Safety Funds, Budget Account 885066 (\$28,500)

* Recommended alternates reflected in these figures.

** Includes negotiated items.

UNIVERSITY AIRPORT APRON AND RUNWAY IMPROVEMENTS

Description: Pavement resurfacing and improvements for a portion of the runways and aprons at the University Airport.

General Contract

Date Received:	August 3, 1979
No. of Bids:	5
Low Bid:	\$431,810.50*
High Bid:	\$608,809.85
Estimate of Cost:	\$460,136.00
Awarded to:	Ritz Paving, Inc. (Columbus, Ohio)

*Base bid only.

September 7, 1979 meeting, Board of Trustees

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

UNIVERSITY AIRPORT APRON AND RUNWAY IMPROVEMENTS (contd)

Total Contract: \$617,676.05*
Total Contingency Allowance: \$ 18,335.95 which is 3 percent of construction contract
Total Project Cost: \$737,012.00
Funding: Federal Aviation Administration Grant (\$724,000)
and Local, College of Engineering funds (\$13,012)

* Includes alternates accepted less negotiated items.

BIOLOGICAL SCIENCES BUILDING - ENERGY MODIFICATION PROJECTS

Description: This project is funded under the Ohio Board of Regents Energy Management Program and will implement recommended energy-reducing modifications to the building heating and air conditioning system based on a detailed energy analysis accomplished by The Ohio State University Energy Conservation Division and approved by The Ohio State University Energy Coordinating Committee. The work accomplished will provide for a 48 percent energy reduction and achieve a payback period of two and one-half years.

Mechanical Contract

Date Received: July 26, 1979
No. of Bids: 5
Low Bid: \$283,500.00*
High Bid: \$334,200.00*
Estimate of Cost: \$340,000.00*
Awarded to: Limbach Company (Columbus, Ohio)

Electrical Contract

Date Received: July 26, 1979
No. of Bids: 3
Low Bid: \$ 33,396.00*
High Bid: \$ 40,930.00*
Estimate of Cost: \$ 45,000.00*
Awarded to: Eastmoor Electric Co., Inc. (Columbus, Ohio)

* Recommended alternates reflected in these figures.

September 7, 1979 meeting, Board of Trustees

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

BIOLOGICAL SCIENCES BUILDING - ENERGY MODIFICATION PROJECTS (contd)

Total All Contracts:	\$316,896.00
Total Contingency Allowance:	\$ 30,999.28 which is 10 percent of construction contracts
Total Project Cost:	\$381,172.00
Funding:	Ohio Board of Regents, Energy Conservation Funds, H.B. 618, Item 235-019

**NORTHWOOD SCHOOL - HANDICAPPED BARRIER REMOVAL
(UNIVERSITY COMMUNITY SERVICES CENTER)**

Description: Eliminate physical barriers for use of this facility by the physically handicapped which is leased to the Northend Community Center Corporation as a not-for-profit community center.

General Contract

Date Received:	August 3, 1979
No. of Bids:	2
Low Bid:	\$139,700.00
High Bid:	\$140,950.00
Estimate of Cost:	\$147,350.00
Awarded to:	Lincoln Construction (Columbus, Ohio)

Plumbing Contract

Date Received:	August 3, 1979
No. of Bids:	3
Low Bid:	\$ 16,400.00*
High Bid:	\$ 24,400.00
Estimate of Cost:	\$ 14,200.00
Awarded to:	C. P. P., Inc. (Columbus, Ohio)

*Plumbing and Electrical bids were in excess of the filed estimate of cost. However, the total price of all contracts is within 10 percent of the total estimate of cost, and the contract, therefore, is being recommended for award as provided by Section 153.12 of the Ohio Revised Code.

September 7, 1979 meeting, Board of Trustees

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

**NORTHWOOD SCHOOL - HANDICAPPED BARRIER REMOVAL
(UNIVERSITY COMMUNITY SERVICES CENTER) (contd)**

Heating and Ventilating Contract

Date Received: August 3, 1979
No. of Bids: 2
Low Bid: \$ 32,270.00
High Bid: \$ 34,700.00
Estimate of Cost: \$ 38,100.00
Awarded to: R. H. Reeb Plumbing & Piping Co. (Columbus, Ohio)

Electrical Contract

Date Received: May 30, 1979
No. of Bids: 5
Low Bid: \$ 17,770.00* ** ***
High Bid: \$ 31,150.00**
Estimate of Cost: \$ 17,564.00**
Awarded to: Frush & Homan, Inc. (Columbus, Ohio)

Total All Contracts: \$205,912.00

Total Contingency Allowance: \$ 20,753.20 which is 10 percent of construction contracts

Total Project Cost: \$255,000.00

Funding: H.B. 618, Item 315-130 (University Community Services Center--\$100,000) and (City of Columbus, Department of Development--\$155,000)

*Plumbing and Electrical bids were in excess of the filed estimate of cost. However, the total price of all contracts is within 10 percent of the total estimate of cost, and the contract, therefore, is being recommended for award as provided by Section 153.12 of the Ohio Revised Code.

**Recommended alternates reflected in these figures.

***Includes deduction of \$228.00 in negotiated items which reduced the total contract amount awarded to Frush & Homan, Inc. to \$17,542.00.

September 7, 1979 meeting, Board of Trustees

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

ENERGY MODIFICATIONS TO BUILDINGS (PROJECT III)

Description: This project is the final project under the 1977-1979 Building Modification Program. It is a continuation of The Ohio State University's Energy Conservation Program to provide energy-reducing modifications in Botany and Zoology Building, Hughes Hall, and Sullivant Hall. Alternate bids will be requested for Founders Hall on the Newark Campus, Hopkins Hall, and Upham Hall. The modifications to be accomplished are based on detailed energy analysis and reports as approved by the Energy Conservation Coordinating Committee.

Heating, Ventilating and
Air Conditioning Contract

Date Received:	August 1, 1979
No. of Bids:	3
Low Bid:	\$186,920.00*
High Bid:	\$189,250.00*
Estimate of Cost:	\$199,100.00
Awarded to:	J. A. Guy, Inc. (Dublin, Ohio)
Total Contract:	\$186,920.00
Total Contingency Allowance:	\$ 7,129.09 which is 4 percent of construction contract
Total Project Cost:	\$215,609.44
Funding:	H.B. 618, Utilities and Renovation (1977-79 Biennium)

* Included acceptance of 69 mixing box units in the Botany and Zoology Building.

UTILITY TUNNEL REPAIRS (PHASE II)

Description: Repair of structural defects in utility distribution tunnels due to deterioration.

General Contract

Date Received:	July 25, 1979
No. of Bids:	3
Low Bid:	\$154,340.00*
High Bid:	\$252,525.00*
Estimate of Cost:	\$231,000.00*
Awarded to:	Waller and Lund, Inc. (Columbus, Ohio)

* Recommended alternates reflected in these figures.

September 7, 1979 meeting, Board of Trustees

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

UTILITY TUNNEL REPAIRS (PHASE II) (contd)

Total Contract: \$154,340.00
Total Contingency Allowance: \$ 8,000.00 which is 5 percent of construction contract
Additional Program Work: \$ 30,158.10*
Total Project Cost: \$195,905.65
Funding: H.B. 618, Utilities and Renovation (1977-79 Biennium)

*For installation of pipe support standards and repair of additional masonry area.

PARKING LOT REPAIRS--MAIN CAMPUS, VARIOUS LOCATIONS

Description: Parking Lot Repairs--Goss Laboratory--West Lot and Drive, East Baker, Electro-Science, Food Facility, Law Building, and University College--East Lot.

General Contract

Date Received: July 10, 1979
No. of Bids: 4
Low Bid: \$114,280.00
High Bid: \$155,520.00
Estimate of Cost: \$171,000.00
Awarded to: Baker Construction (Columbus, Ohio)
Total Contract: \$114,280.00
Total Contingency Allowance: \$ 24,612.90 which is 21 percent of construction contract
Total Project Cost: \$155,000.00
Funding: Budget Account 885071 (Parking Revenues)

NATURAL GAS LINE PROTECTION (PHASE I)

Description: Provide cathodic protection on 11,000 feet of gas distribution lines which will reduce corrosion of pipes.

September 7, 1979 meeting, Board of Trustees

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

NATURAL GAS LINE PROTECTION (PHASE I) (contd)

Mechanical Contract

Date Received:	July 24, 1979
No. of Bids:	3
Low Bid:	\$118,700.00*
High Bid:	\$148,500.00*
Estimate of Cost:	\$150,000.00*
Awarded to:	The Walker T. Dickerson Co. (Columbus, Ohio)
Total Contract:	\$118,700.00
Total Contingency Allowance:	\$ 8,459.00 which is 7 percent of construction contract
Total Project Cost:	\$130,000.00
Funding:	H.B. 618, Utilities and Renovation (1977-79 Biennium)

*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 reported.

Upon motion of Mr. Hilliker, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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LEASE - MCDONALD'S IN OHIO UNION

Resolution No. 80-23

Synopsis: Renewal of McDonald's Lease in the Ohio Union is being proposed.

WHEREAS the Board of Trustees entered into a one (1) year lease with four (4) one-year renewals on September 14, 1974, with McDonald's University Services, Inc., One McDonald's Plaza, Oak Brook, Illinois, for the purpose of providing food services in the Ohio Union; and

September 7, 1979 meeting, Board of Trustees

LEASE - MCDONALD'S IN OHIO UNION (contd)

WHEREAS the appropriate University offices and McDonald's have determined that it is in the best interests of both parties to renew said lease for an additional term ending June 30, 1984; and

WHEREAS the University and McDonald's have determined that the rent for said renewal shall be based on a percentage of gross sales; and

WHEREAS all other terms and conditions of the original lease shall remain in full force and effect:

NOW THEREFORE

BE IT RESOLVED, That the Secretary of the Board of Trustees be authorized to execute an addendum to the original lease dated September 14, 1974, with McDonald's University Services, Inc., to renew said term for an additional term ending June 30, 1984, with the rent for said term being based on the following percentage of gross sales: 8 percent for the period ending August 15, 1982; 8.5 percent for the period ending August 15, 1983; and 9 percent for the period ending June 30, 1984.

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

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APPOINTMENT OF INVESTMENT COUNSELORS

Resolution No. 80-24

BE IT RESOLVED, That upon the recommendation of the Fiscal Affairs Committee the following investment policies pertaining to the University's Investment Portfolio be implemented in accordance with the terms and conditions set forth.

Reappointment of National Investors Service of America, Inc. to counsel in the investment of between \$8,000,000 and \$12,000,000 of the Endowment;

Increase the amount of the Endowment managed by Tallasi Management Company from \$3,000,000 to \$5,000,000;

Increase the amount of the Endowment managed by Siebel Capital Management, Inc. from \$2,000,000 to \$3,500,000.

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

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September 7, 1979 meeting, Board of Trustees

**FEDERAL AVIATION ADMINISTRATION GRANT NO. DOT-FA79-GL-8017
UNIVERSITY AIRPORT APRON AND RUNWAY IMPROVEMENTS**

Resolution No. 80-25

Synopsis: The Federal Aviation Administration has awarded a grant to the University for University Airport (Don Scott Field) Apron and Runway Improvements.

WHEREAS The Ohio State University has applied for federal funding to the United States Federal Aviation Administration (FAA) to provide for airport improvements including construction and overlay of terminal apron, extension of terminal apron, widening of taxiway "A" between taxiway "C" and "B" and resurface of runway 5-23; and

WHEREAS the University has received from FAA Grant Agreement No. DOT-FA79-GL-8017, Project 5-39-0027-02 in the amount of \$724,000 for the development of airport improvements as specified in Grant Agreement dated August 27, 1979; attached hereto and made a part hereof by reference:

NOW THEREFORE

BE IT RESOLVED, That the Secretary of the Board of Trustees be authorized and directed to accept and execute on behalf of the Board of Trustees of The Ohio State University said FAA Grant Agreement for airport improvements.

Upon motion of Mr. Hilliker, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

**DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
GRANT AGREEMENT**

Part 1-Offer

Date of Offer August 27, 1979

Ohio State University Airport

Project No. 5-39-0027-02

Contract No. DOT-FA79-GL-8017

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

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

WHEREAS, the Sponsor has submitted to the FAA a Project Application (herein called an Application for Federal Assistance) dated August 14, 1979, for a grant of Federal funds for a project for development of the Ohio State University Airport (herein called the "Airport"), together with plans and specifications for such project, which Application for Federal Assistance, as approved by the FAA is hereby incorporated herein and made a part hereof; and

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

Land Reimbursement (approx. 58.27 ac.); Reconstruct and Overlay Terminal Apron (approx. 20,000 sy); Extend Terminal Apron (approx. 27,000 sy); Widen T/W "A" to 50' (approx. 2,150 sy) between T/W "C" and R/W 5; Overlay R/W 5-23 (approx. 1500' x 100').

all as more particularly described in the property map and plans and specifications incorporated in the said Application for Federal Assistance.

NOW THEREFORE, pursuant to and for the purpose of carrying out the provisions of the Airport and Airway Development Act of 1970, as amended (49 U.S.C. 1701 et seq.), and in consideration of (a) the Sponsor's adoption and ratification of the representations and assurances contained in said Application for Federal Assistance, and its acceptance of this

Offer as hereinafter provided, and (b) the benefits to accrue to the United States and the public from the accomplishment of the Project and the operation and maintenance of the Airport as herein provided, THE FEDERAL AVIATION ADMINISTRATION, FOR AND ON BEHALF OF THE UNITED STATES, HEREBY OFFERS AND AGREES to pay, as the United States share of the allowable costs incurred in accomplishing the Project, 80 Percentum of all eligible costs.

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

1. The maximum obligation of the United States payable under this Offer shall be \$724,000.00
2. The Sponsor shall:
 - a. begin accomplishment of the Project within Sixty days after acceptance of this Offer or such longer time as may be prescribed by the FAA, with failure to do so constituting just cause for termination of the obligations of the United States hereunder by the FAA;
 - b. carry out and complete the Project without undue delay and in accordance with the terms hereof, the Airport and Airway Development Act of 1970, as amended, and the Regulations of the FAA (14 CFR Part 152) in effect as of the date of acceptance of this Offer; which Regulations are hereinafter referred to as the "Regulations";
 - c. carry out and complete the Project in accordance with the plans and specifications and property map, incorporated herein, as they may be revised or modified with the approval of the FAA;
 - d. submit all financial reports on an accrual basis and if records are not maintained on an accrual basis, reports may be based on analysis or records or best estimates as required by the Regulations;
 - e. monitor performance under the Project to assure that time schedules are being met, projected work units by time periods are being accomplished, and that other performance goals are being achieved as established by the Regulations.
3. The allowable costs of the project shall not include any costs determined by the FAA to be ineligible for consideration as to allowability under the Regulations.
4. Payment of the United States share of the allowable project costs will be made pursuant to and in accordance with the provisions of the Regulations.

Final determination of the United States share will be based upon the final audit of the total amount of allowable project costs and settlement will be made for any upward or downward adjustments to the Federal share of costs. The grant closeout requirements will be in accordance with the Regulations.

5. The Sponsor shall operate and maintain the Airport as provided in the Application for Federal Assistance incorporated herein and specifically covenants and agrees in accordance with its Assurance 20 in Part V of said Application for Federal Assistance, and Section 30 of the Airport and Airway Development Act, as amended, that in its operation and the operation of all facilities thereof, neither it nor any person or organization occupying space or facilities thereon will discriminate against any person by reason of race, color, creed, national origin or sex in the use of the facilities provided for the public on the airport.
6. The FAA reserves the right to amend or withdraw this Offer at any time prior to its acceptance by the Sponsor.
7. The Sponsor agrees to effectuate the purposes of Section 30 of the Airport and Airway Development Act of 1970, as amended, by assuring that minority business enterprises shall have the maximum opportunity to participate in the performance of contracts financed in whole or in part with Federal funds provided under this agreement. For the purposes of this provision, "minority business enterprise" means a business enterprise that is owned or controlled by one or more socially or economically disadvantaged persons. Such disadvantage may arise from cultural, racial, religious, sex, national origin, chronic economic circumstances or background or other similar cause. Such persons may include, but are not limited to, blacks, not of Hispanic origin; persons of Hispanic origin; Asians or Pacific Islanders; American Indians; and Alaskan natives. Grantee further agrees to comply with such Regulations as may be issued by the Federal Aviation Administration to implement Section 30 of the Act.
8. This offer shall expire and the United States shall not be obligated to pay any part of the costs of the Project unless this Offer has been accepted by the Sponsor on or before September 30, 1979 or such subsequent date as may be prescribed in writing by the FAA.
9. The Sponsor hereby agrees that it will incorporate or cause to be incorporated into any contract for construction work, or modification thereof, as defined in the regulations of the Secretary of Labor at 41 CFR Chapter 60, which is paid for in whole or in part with funds obtained from the Federal Government or borrowed on the credit of the Federal Government pursuant to a grant, contract, loan insurance, or guarantee, or undertaken pursuant to

any Federal program involving such grant, contract, loan insurance, or guarantee, the following Equal Opportunity clause.

During the performance of this contract, the contractor agrees as follows:

- a. The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, or national origin. Such action shall include, but not be limited to, the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination, rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices (to be provided) setting forth the provisions of this nondiscrimination clause.
- b. The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, or national origin.
- c. The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice (to be provided) advising the said labor union or workers' representative of the contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- d. The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
- e. The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

- f. In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be cancelled, terminated, or suspended in whole or in part, and the contractor may be declared ineligible for further Government contracts or Federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

- g. The contractor will include the portion of the sentence immediately preceding paragraph a. and the provisions of paragraphs a. through g. in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to Section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance. Provided, however, that in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the administering agency, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

The Sponsor further agrees that it will be bound by the above Equal Opportunity clause with respect to its own employment practices when it participates in Federally assisted construction work: Provided, that if the applicant so participating is a State or local Government, the above Equal Opportunity clause is not applicable to any agency, instrumentality, or subdivision of such Government which does not participate in work on or under the contract.

The Sponsor agrees that it will assist and cooperate actively with the administering agency and the Secretary of Labor in obtaining the compliance of contractors and subcontractors with the Equal Opportunity clause and the rules, regulations, and relevant orders of the Secretary of Labor, that it will furnish the administering agency and the Secretary of Labor such information as they may require for the supervision of such compliance, and that it will otherwise assist the administering agency in the discharge of the agency's primary responsibility for securing compliance.

The Sponsor further agrees that it will refrain from entering into any contract or contract modification subject to Executive Order 11246 of September 24, 1965, with a contractor debarred from, or who has not demonstrated eligibility for, Government contracts and Federally assisted construction contracts pursuant to the Executive Order and will carry out such sanctions and penalties for violation of the Equal Opportunity clause as may be imposed upon contractors and subcontractors by the administering agency or the Secretary of Labor pursuant to Part III, Subpart D, of the Executive Order. In addition, the Sponsor agrees that if it fails or refuses to comply with these undertakings, the administering agency may take any or all of the following actions: cancel, terminate, or suspend in whole or in part this grant (contract, loan insurance, or guarantee); refrain from extending any further assistance to the Sponsor under the program with respect to which the failure or refund occurred, until satisfactory assurance of future compliance has been received from the Sponsor; or refer the case to the Department of Justice for appropriate legal proceedings.

10. The Sponsor hereby covenants and agrees that financial records of this project shall be established, maintained, and made available to appropriate personnel in conformity with Section 152.63 of the Regulations of the Federal Aviation Administration (14 CFR 152).
11. The Sponsor hereby covenants that it will not permit any permanent-type structures, other than structures required for aids to air navigation and such other structures as may be specifically excepted in writing by the FAA, to be erected on, and that it will cause any existing structures to be removed from, each area identified on the "Exhibit A" as "clear zone" or any portions thereof, concerning which the Sponsor has acquired a fee interest with Federal financial assistance, irrespective of whether such structures constitute an obstruction to air navigation.
12. It is understood and agreed that any and all reference to the term "Office of Management and Budget Circular No. A-102," as the same may appear in this agreement and any document incorporated and made a part thereof, shall be deemed to read and mean "General Services Administration Federal Management Circular FMC 74-7." It is also understood and agreed that wherever the term "Project Application" appears in the agreement or in any other documents constituting a part of this agreement, it shall be deemed to mean "Application for Federal Assistance, FAA Form 5100-100."
13. It is understood and agreed by and between the parties hereto that, should evidence be discovered during construction, that objects of archeologic or historic interest may be unearthed, then construction will be halted for a reasonable time to enable the responsible State official to assess the matter.

14. This project and all work performed thereunder is subject to the Clean Air Act and the Federal Water Pollution Control Act. Accordingly:
 - a. The Sponsor hereby stipulates that any facility to be utilized in performance under the grant or to benefit from the grant is not listed on the Environmental Protection Agency (EPA) List of Violating Facilities.
 - b. The Sponsor agrees to comply with all the requirements of Section 114 of the Clean Air Act and Section 308 of the Federal Water Pollution Control Act and all regulations issued thereunder.
 - c. The Sponsor shall notify the FAA of the receipt of any communication from the EPA indicating that a facility to be utilized for performance of or benefit from the grant is under consideration to be listed on the EPA List of Violating Facilities.
 - d. The Sponsor agrees that it will include or cause to be included in any contract or subcontract under the grant which exceeds \$100,000, the criteria and requirements in these subparagraphs (a) through (d).
15. Assurance Number 18 of Part V of the Project Application incorporated herein is amended by including at the end of the second sentence the following language:

“. . . including the requirement that (A) each air carrier, authorized to engage directly in air transportation pursuant to Section 401 or 402 of the Federal Aviation Act of 1958, using such airport shall be subject to nondiscriminatory and substantially comparable rates, fees, rentals, and other charges and nondiscriminatory conditions as are applicable to all such air carriers which make similar use of such airport and which utilize similar facilities, subject to reasonable classifications such as tenants or nontenants, and combined passenger and cargo flights or all cargo flights, and such classification or status as tenant shall not be unreasonably withheld by any Sponsor provided an air carrier assumes obligations substantially similar to those already imposed on tenant air carriers, and (B) each fixed base operator using a general aviation airport shall be subject to the same rates, fees, rentals, and other charges as are uniformly applicable to all other fixed base operators making the same or similar uses of such airport utilizing the same or similar facilities; provision (A) above shall not require the reformation of any lease or other contract entered into by a Sponsor before July 12, 1976. A Sponsor shall not require the reformation of any lease or other contract entered into by a Sponsor before July 1, 1975.”

16. It is understood and agreed that no part of the Federal share of an airport development project for which a grant is made under the Airport and Airway Development Act of 1970, as amended (49 U.S.C. 1701 et seq.), or under the Federal Airport Act, as amended (49 U.S.C. 1101 et seq.), shall be included in the rate base in establishing fees, rates, and charges for users of the airport.
17. It is understood and agreed by and between the parties hereto that, with regard to Number 31 of the Sponsor Assurances of FAA Form 5100-100, wherein reference is made to "Part II, paragraph 7(a), 7(b), and 7(c)," such reference shall be deemed to refer instead to "Part II, Section C, paragraphs 4(a), 4(b), and 4(c)."
18. The Sponsor will send a copy of all Invitations for Bids, advertised or negotiated, for concessions or other businesses at the airport to the appropriate Office of Minority Business Enterprise (OMBE) representative as identified by the FAA Regional Civil Rights Office. The Sponsor will disclose and make information about the contracts, contracting procedures and requirements available to the designated OMBE representative and minority firms on the same basis that such information is disclosed and made available to other organizations or firms. Responses by minority firms to Invitations for Bids shall be treated in the same manner as all other responses to the Invitations for Bids. Compliance with the preceding will be deemed to constitute compliance by the Sponsor with requirements of 49 CFR 21 Appendix C(a) (1) (x), Regulations of the Office of the Secretary of Transportation.
19. The Sponsor hereby agrees and covenants that any and all flood insurance coverage required by the Flood Disaster Protection Act of 1973 (P. L. 93-234), with respect to the buildings and/or personal property to be constructed and/or acquired under this project will be purchased prior to the acquisition or construction of any insurable interest and shall be maintained during the useful life of such buildings or personal property.
20. It is understood and agreed by and between the parties hereto that, the third sentence of Assurance No. 17, Part V of the project application, FAA Form 5100-100, Page 7 (4-76), is amended to read "However, these limitations on the duration of the covenants do not apply to the covenant against exclusive rights and real property acquired with Federal Funds."
21. The Federal Government does not now plan or contemplate the construction of any structure pursuant to Assurance No. 27 of Part V - Sponsor's Assurances of the Project Application, dated August 14, 1979, and, therefore, it is understood and agreed that the Sponsor is under no obligation to furnish any areas or rights without cost to the Federal Government under this Grant Agreement.

22. It is understood and agreed by and between the parties hereto that the FAA will not make payments for eligible project costs which exceed 90% of the maximum Grant Obligation or 90% of the latest estimated project costs, whichever is the lesser, until the Sponsor has submitted certification by the Engineer and Contractor, that each construction or specification item included in a payment application which would exceed the aforementioned controlling 90% limitation has been fully completed in accordance with the approved plans and specifications and represents final accepted quantities as determined by the specified method of measurement.

It is further understood and agreed that the FAA shall withhold the final 3% of the eligible project costs until the required "as-built" plans have been received and approved by the FAA, and that the FAA shall withhold the final 1% of the eligible project costs until the final project audit has been completed.

23. It is understood and agreed by and between the parties hereto that with respect to Paragraph 1, Part II - Section C of the Project Application dated and made a part hereof, that the Sponsor will take such action as is necessary, including enactment or appropriate zoning, to assure compatible usage of land adjacent to or in the vicinity of the airport.
24. It is understood and agreed by the parties hereto that the FAA shall not make nor be obligated to make any payments hereunder until the Sponsor has submitted evidence satisfactory to the FAA that they are in compliance with the terms and conditions of Amendment No. 1 to Grant Agreement for ADAP Project No. 8-39-0027-01.
25. It is understood and agreed that the United States will not be obligated to pay for the land interests to Parcels 1 thru 4, respectively, as shown on Exhibit "A", unless and until the Sponsor has submitted evidence of property interests satisfactory to the Federal Aviation Administration free and clear of all encumbrances deemed objectionable by the Federal Aviation Administration.

It is further understood and agreed by and between the parties hereto that the FAA shall not make nor be obligated to make payment for land interests to Parcels 1 thru 3, respectively, that are within defined clear zone limits for Runway 14 and Runway 9R, as cross-hatched in red pencil on attached Exhibit "A", until all permanent-type structures, other than structures required for aids to air navigation, located within said clear zone limits of each respective parcel have been removed.

The Sponsor's acceptance of this Offer and ratification and adoption of the Application for Federal Assistance incorporated herein shall be evidenced by execution of this instrument by the Sponsor, as hereinafter provided, and said Offer and Acceptance shall comprise a Grant Agreement, as provided by the Airport and Airway Development Act of 1970, as amended, constituting the obligations and rights of the United States and the Sponsor with respect to the accomplishment of the Project and the operation and maintenance of the Airport. Such Grant Agreement shall become effective upon the Sponsor's acceptance of this Offer and shall remain in full force and effect throughout the useful life of the facilities developed under the Project but in any event not to exceed twenty years from the date of said acceptance.

UNITED STATES OF AMERICA
FEDERAL AVIATION ADMINISTRATION

By (signed) Gerald L. Trout
(Title)
GERALD L. TROUT, Manager, DET ADO

Part II - Acceptance

The _____ does hereby ratify and adopt all statements, representations, warranties, covenants, and agreements contained in the Application for Federal Assistance and incorporated materials referred to in the foregoing Offer and does hereby accept said Offer and by such acceptance agrees to all the terms and conditions thereof.

Executed this _____ day of _____, 19 _____.

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

By _____

(SEAL)

Title: _____

Attest: _____

Title: _____

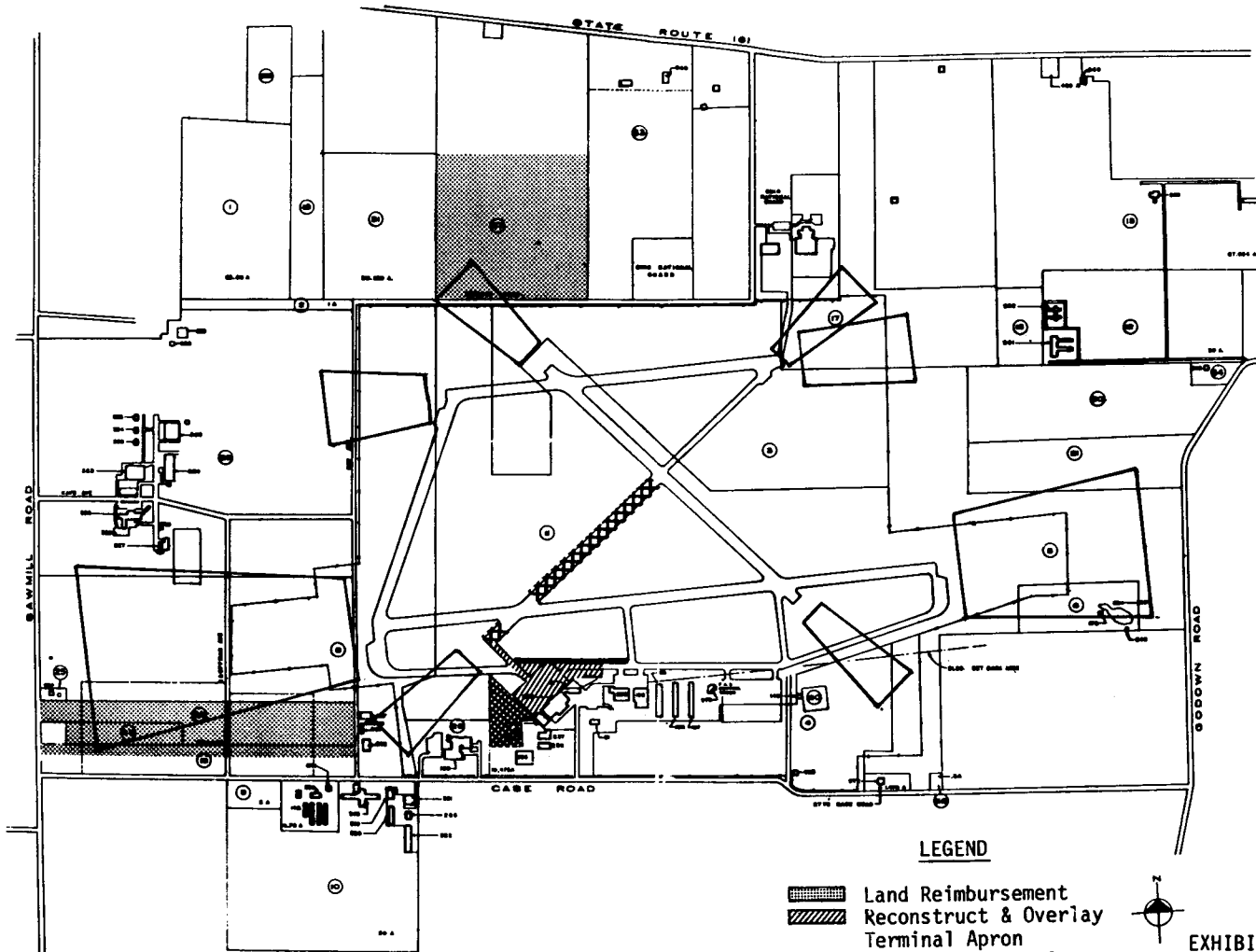
CERTIFICATE OF SPONSOR'S ATTORNEY

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

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

Dated at Columbus, Ohio, this _____ day of _____, 19 _____.

Title _____



LEGEND







-  Land Reimbursement
-  Reconstruct & Overlay Terminal Apron
-  Extend Terminal Apron
-  Widen T/W "A"
-  Overlay R/W 5-23
-  Clear Zone



EXHIBIT "A"

ADAP #5-39-0027-02
DON SCOTT FIELD
AUGUST 1979

PRESIDENT'S STATEMENT - HEALTH SCIENCES

I would like today to bring the Board of Trustees up to date on recent events in the health sciences area of the University and on our current planning efforts.

As you know, we have reactivated a search to fill the position of Vice President for Health Sciences of the University. In accord with requirements for affirmative action, we have advertised nationally for this position and are presently receiving nominations and applications from several geographic areas.

We have been promised help from the President of the Association of Academic Health Centers and have enlisted the aid of other leading health science educators across the country. It will not be easy to fill this important job; persons with those special qualifications required to administer a health sciences center are in extremely short supply and are employed at very substantial salaries. In this process we cannot rely on self-initiated applications alone but instead need an active search to find appropriate prospects and convince them to become candidates.

For the initial screening of candidates, I will look to Provost Reynolds to chair a committee composed of the health sciences deans and to advise me about suitable prospects. As candidates are brought to the campus for interviews, I am committed to the broadest possible consultation—all areas of the health sciences have a deep interest in this appointment.

It is obvious that the recruitment of a Vice President for Health Sciences is crucial to the comprehensive planning and management of the health sciences. However, despite the lack of a Vice President for Health Sciences, we must move ahead in our planning and consider a variety of ways in which we can improve the teaching, research, and public service programs in the health sciences, particularly in the University Hospitals.

The governance of University Hospitals is now an important item on the agenda of major universities with teaching hospitals. The character of the teaching hospital has undergone profound changes in the last few decades. Boards of trustees and university administrators everywhere are now struggling to develop organizational arrangements which are responsive to the radically different and shifting circumstances in which these teaching hospitals operate. Nationwide, there is a growing realization that clinging to outmoded forms of organization invites serious problems.

To oversimplify the background of this issue, teaching hospitals once dealt primarily with either indigent patients or with those patients "of interest" to the teaching and research process. The teaching hospital only indirectly and in a sense adventitiously served the community in which it was located. Today the typical university teaching hospital is engaged in a full range of patient services and has become more and more a community resource. Its scope of responsibility in daily activity now goes far beyond the needs of the College of Medicine in meeting its teaching and research obligations. There is a growing realization that the teaching

PRESIDENT'S STATEMENT - HEALTH SCIENCES (contd)

hospital must be the working laboratory for the other health sciences professions as well--nursing, pharmacy, dentistry, allied health, etc.

As a result of this changing role, universities have encountered sufficient fiscal and management problems to conclude that teaching hospitals require more attention than they have been receiving within the total set of university operations. Such hospitals have been plagued with staffing shortages in specialized personnel, compliance with complicated federal regulation and review processes, dependence on several outside sources of income, and an escalation of the conflicts which can occur between their teaching, research, and public service activities.

At OSU, it is clear that the University Hospitals operation has crossed a threshold of complexity that mandates special arrangements. Staffing shortages, particularly in nursing areas, must be remedied if the hospital's full complement of beds is to be available for patient care and educational activities. Careful analysis of personnel policies must be made to determine the extent to which university policies require modification when applied to hospitals. The role of University Hospitals in support of the educational programs in health sciences must be reassessed. The aspirations of the general public for OSU University Hospitals must be explored fully so that future directions can be established. The impact of federal government regulations, practices of third party payers, and trends in health care delivery must be assessed because these factors affect the Hospital's future environment.

In summary, the changing role of our teaching hospital dictates that we take a fresh look at the overall governance of University Hospitals. We have now begun such an appraisal. Both Dr. Vandament and Dr. Cramblett have in recent months assembled information on governance arrangements in teaching hospitals around the nation. That information must now be reviewed and set forward for consideration.

I want to say with all possible emphasis that we understand clearly that we deal with difficult and sensitive matters. The easiest course for the administration and the Board of Trustees is to do nothing, hoping that the familiar arrangements will serve us well. However, in my judgment, some changes are clearly necessary. As of today, I have no firm recommendations but am taking the following steps.

I am asking that the Provost organize immediately a Council of Health Sciences Deans which will, among other activities, review the role of the University Hospitals in the health sciences teaching programs and make appropriate recommendations in the near future.

I am also requesting that the Board establish as soon as possible an Ad Hoc Committee on Health Affairs to consider the preceding issues as we move ahead with our recruiting efforts for the Health Sciences Vice Presidency. We in the University administration will band every effort to provide the Committee with a comprehensive background and context on these matters.

September 7, 1979 meeting, Board of Trustees

COMMITTEE ON HEALTH SCIENCES

Resolution No. 80-26

WHEREAS at the July 12, 1974 meeting of the Board a reorganization of the Health Sciences was approved and the appointment of a Vice President for Health Sciences was authorized; and

WHEREAS the President has recommended that the Board appoint an Ad Hoc Committee on Health Affairs to review the overall governance of University Hospitals as well as the role of the Hospital in the Health Sciences teaching programs:

NOW THEREFORE

BE IT RESOLVED, That the Chairman appoint a Committee to form an Ad Hoc Committee on the Health Sciences affairs.

Upon motion of Mr. Havens, seconded by Mr. Hilliker, the foregoing resolution was adopted by unanimous roll call vote.

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PRESIDENT'S SALARY

Resolution No. 80-27

Synopsis: Proposed salary increase for President Enarson.

WHEREAS President Enarson has not received an increase in his base salary since September, 1975; and

WHEREAS it is the wish and expressed intent of this Board to adjust President Enarson's base salary of \$55,000 per annum when permitted by law; and

WHEREAS it is the further wish of this Board to minimize as much as possible the erosion of the compensation of the President of this University--a process which has resulted in the current base salary being far below that paid to the chief executive officers of peer institutions; and

WHEREAS it has been recommended by the Personnel Committee of this Board that President Enarson's salary be adjusted upward:

September 7, 1979 meeting, Board of Trustees

PRESIDENT'S SALARY (contd)

NOW THEREFORE

BE IT RESOLVED, That effective September 1, 1979, the annual salary (1979-1980) for Harold L. Enarson, President of The Ohio State University, currently \$55,000, is adjusted to \$63,306, and the Secretary of the Board of Trustees is hereby directed to implement this salary change for the President and to issue the appropriate Board of Trustees confirmation notice.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the foregoing resolution was adopted by unanimous roll call vote.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 80-28

RESOLVED, That the reports on the University's Investment Portfolio, dated July 17 and August 20, 1979, 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, October 5, 1979, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

Patricia D. James
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND FIFTY-FIRST MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, October 5, 1979

The Board of Trustees met at its regular monthly meeting on Friday, October 5, 1979, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Patricia D. James, Chairman, Howard D. Sirak, Chester Devenow, John D. Jacob, D. James Hilliker and John F. Havens.

* * *

Minutes of the last meeting were approved.

* * *

October 5, 1979 meeting, Board of Trustees

The Chairman, Mrs. James, called the meeting of the Board of Trustees to order at 12:15 p.m. She requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering personnel related issues.

Present: Patricia D. James, Chairman, Howard D. Sirak, Chester Devenow, John D. Jacob and D. James Hilliker.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

RESOLUTIONS IN MEMORIAM

Resolution No. 80-29

Synopsis: Resolutions honoring the service of three of this 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.

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

Gladys Branegan Chalkley

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 5, 1979, of Gladys Branegan Chalkley, Director Emeritus of the School of Home Economics.

Dr. Branegan was born on June 23, 1891. She received the B.S. degree in 1913 from the University of Wisconsin, the M.A. degree in 1920 and the Ph.D. in 1928 from Columbia University. She taught grade school in Nebraska, high school in Madison, Wisconsin and served as a home management specialist and state supervisor in the Extension Service at Montana State College. Dr. Branegan was Dean of Home Economics at Montana State College from 1921-45. In 1937-38 she spent one year in a Round the World Tour studying educational developments and opportunities for women in many countries visited and also attended a summer term at Oxford University, England. While on leave from Montana State College in 1944-45, she reorganized the Home Economics Department at Hunter College, New York.

She came to Ohio in 1945 as Director of the School of Home Economics and Chairman of the Department of Home Economics, the Ohio Agricultural Experiment Station. Under her leadership, the Home Economics Alumni Association was organized in 1946 and through this organization stimulated interest in recruitment at both the undergraduate and graduate levels. A high-quality student body and breadth of educational opportunity for the individual student were goals which guided a wide variety of effort and development under her

October 5, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Gladys Branegan Chalkley (contd)

administration. Dr. Branegan's leadership set new goals for the faculty and gave many individuals a new vision of expanding horizons. The Gladys Branegan Fellowship was established by the faculty in the Spring of 1955 and was the first graduate scholarship to promote graduate education in home economics.

Dr. Branegan was a member of a number of professional and social societies including A.A.A.S., A.H.E.A., N.E.A., A.A.U.W., D.A.R., P.E.O., Omicron Nu, Phi Upsilon Omicron, and Mortar Board. She was national president of the American Home Economics Association in 1940-42 and served on a number of important committees of that association.

Gladys Branegan resigned to marry Charles A. Chalkley and to reside in California, June 1955, after serving ten years as Director of the School of Home Economics.

Dr. Chalkley returned to Ohio in 1971 to speak at the 75th Anniversary Recognition Symposium of the School of Home Economics and was presented a Special Diamond Anniversary Award for her contributions to the School.

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

Michael Peppe

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 2, 1979, of Mike Peppe, Professor Emeritus in the School of Health, Physical Education and Recreation.

Mr. Peppe devoted his adult life to The Ohio State University. A 1927 graduate of The Ohio State University, he received his master's from Columbia in 1928 and joined the physical education staff of Ohio State in the fall of that year.

Mr. Peppe was the father of intercollegiate swimming at Ohio State. He started the sport in 1931 and served as head coach of the varsity swimming and diving teams for thirty-three years, retiring in 1963 after one of the most brilliant careers any coach in any sport has ever enjoyed.

During his remarkable tenure at OSU, Mike directed his teams to 33 major team titles: 12 Big Ten crowns, 11 NCAA championships and 10 A.A.U. titles. No other collegiate coach has ever matched that record, and no other university has yet matched Ohio State's incredible number of NCAA titles.

Mr. Peppe's dual meet record was equally impressive, a sparkling 179 victories against just 39 setbacks for a winning percentage of 82.1.

October 5, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Michael Peppe (contd)

Under Mike's tutelage, Buckeye swimmers and divers amassed a total of 312 individual championships. Of those 312, 137 were won by OSU divers, who dominated collegiate diving in the United States for nearly two decades.

Mr. Peppe produced numerous Olympians, including five Gold Medal winners. The twenty-five man 1952 Olympic team included nine Ohio Staters.

Mike's many honors include twice serving as diving coach for the U. S. Olympic team and being named diving coach for the first Pan American Games in 1951. He served two terms as president of the American College Swimming Coaches and was Chairman of the NCAA Diving Committee for many years.

Mr. Peppe has traveled the globe with various U. S. teams, holding clinics and serving as an ambassador of good will for the United States. He was a guiding force behind swimming and diving both in this country and around the world. Upon his retirement he was elected to the International Swimming and Diving Hall of Fame and was a charter member in The Ohio State University Sports Hall of Fame.

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

Burrell B. Spohn

The Board of Trustees of The Ohio State University expresses its sorrow at the death on August 30, 1979, of Burrell B. Spohn, Professor Emeritus.

Mr. Spohn was born May 16, 1882, at Junction City, Ohio. He lived on the home farm and attended preparatory school for Ohio University. He received the Bachelor of Science in Education Degree from Ohio University in 1913 followed by graduate work at Cornell and Ohio State Universities.

Mr. Spohn spent the early years of his career in the public schools, as teacher and superintendent. He joined The Ohio State University faculty on September 1, 1917, as 4-H Club Leader. From 1923 until 1935 he served as district supervisor of county agents, and on October 1, 1935, was named supervisor of projects and programs.

He retired December 31, 1949, after a distinguished career. His contributions to Extension and The Ohio State University will be long remembered.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Spohn its deepest sympathy. It was directed that this resolution be inscribed in the

October 5, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Burrell B. Spohn (contd)

minutes of the Board of Trustees and that a copy be tendered to his daughter-in-law, Helen Spohn, as evidence of the Board's realization of the loss which the family, the University, and his many friends and associates have sustained.

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**APPOINTMENT OF TRUSTEES ON THE
POOLED INCOME TRUST FUNDS I, II AND III**

Resolution No. 80-30

Synopsis: Trustees on the Pooled Income Trust Funds I, II and III are presented for approval.

WHEREAS the Board of Trustees by action of December 4, 1970, established a pooled income fund as a convenient means for University benefactors to contribute financial support to the University and at the same time retain income during their lifetime; and

WHEREAS the Board on September 10, 1976 nominated and appointed four individuals to serve as trustees on Pooled Income Trust Funds I and II; and

WHEREAS the replacement of one trustee was made on October 6, 1978:

NOW THEREFORE

BE IT RESOLVED, That the following current members be reconfirmed as trustees on the Pooled Income Trust Funds I, II and III:

James R. McCoy
Charles R. Traphagan
James W. Kristoff

and that John H. Lahey replace Joseph S. Platt as the fourth trustee.

Upon motion of Dr. Jacob, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 80-31

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments, Leaves of Absence Without Salary, and Emeritus Titles are recommended for approval.

October 5, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the September 7, 1979 meeting of the Board, including the following Appointments, Leaves of Absence Without Salary, and Emeritus Titles as detailed in the University Budget for 1979-80, be approved.

Appointments

Name: DAVID W. KRAMER
Titles: Dean and Director, Mansfield Campus
Effective: January 1, 1980
Salary: \$42,000.00 (12 months)
Present Position: Assistant to Chief Academic Vice President and Director of the Faculty Record Systems, Indiana University, Bloomington, Indiana

Name: HOWARD M. FEDERSPIEL
Titles: Acting Dean and Director, Newark Campus, and Professor, Department of Political Science
Effective: September 5, 1979
Salary: \$30,000.00 (12 months)
Present Positions: Associate Dean, Newark Campus, and Professor, Department of Political Science

Name: LAWRENCE HERMAN
Title: Professor (Presidents Club Professorship in Law)
College: Law
Effective: October 1, 1979
Salary: \$44,040.00 (9 months)
Present Position: Professor, College of Law

Name: ROBERT L. WILLS
Title: Professor (The C. William O'Neill Professorship in Law and Judicial Administration)
College: Law
Effective: October 1, 1979
Salary: \$42,564.00 (9 months)
Present Position: Professor, College of Law

Name: JAMES W. SHANK
Title: Director, Transportation Research Center of Ohio
Department: Engineering Experiment Station
Effective: November 1, 1979
Salary: \$45,960.00 (12 months)
Present Position: Director, New Model Launch, Department of Engineering, Chrysler Corporation, Highland Park, Michigan

October 5, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary

CECIL GOUKE, Professor, Department of Black Studies, effective January 1, 1980 through June 30, 1980, and Department of Economics, effective October 1, 1979 through September 30, 1980, to accept a Fulbright grant to lecture at the University of Dar-es-Salaam, Tanzania.

GEORGE E. MASON, Associate Professor, Department of Civil Engineering, effective October 1, 1979 through September 30, 1980, to work as project manager for Guy F. Atkinson Construction Company.

JAMES THOM ANDERSEN, Assistant Professor, Department of Photography and Cinema, effective January 1, 1980 through June 30, 1980, to pursue research under a Guggenheim Fellowship.

OLGA K. GARNICA, Assistant Professor, Department of Linguistics, effective October 18, 1979 through December 31, 1979, for personal reasons.

PATRICIA I. MAHIEU, Assistant Professor, Academic Faculty of Early and Middle Childhood Education (Newark Campus), effective October 1, 1979 through September 30, 1980, to do research.

Emeritus Titles

RICHARD H. WILSON, Department of Agricultural Education, with the title Professor Emeritus, effective October 1, 1979.

HARRY G. BINAU, JR., Department of Photography and Cinema, with the title Associate Professor Emeritus, effective July 1, 1979.

LIIVU SHIRLEY, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective September 1, 1979.

Upon motion of Mr. Devenow, seconded by Dr. Sirak, 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. 80-32

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

October 5, 1979 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 Office of Business and Administration of the University, 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 Office of Business and Administration, the Engineering Experiment Station, and The Ohio State University Development Fund during the month of August 1979, be approved.

Upon motion of Dr. Jacob, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

SUMMARY FOR AUGUST 1979

Source	No. of Projects	Support Level
Office of Business and Administration	8	\$ 1,509,572.00
The Ohio State University Research Foundation	105	11,159,919.93
Engineering Experiment Station	2	86,479.00
		\$12,755,970.93
	June 1979	
The Ohio State University Development Fund	11,894 Donors	\$ 1,192,272.00
Establishment of Named Funds		
The Kenesaw S. Shumate Memorial Fund (Scholarships to graduate students in water resources area)		\$ 11,000.00

October 5, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR AUGUST 1979 (contd)

Establishment of Named Funds (contd)

The Ohio Association of Garden Clubs Horticulture Scholarship (Scholarships to undergraduate students in floriculture or landscape horticulture)	\$	5,000.00
The William H. Whirl Scholarship Fund (Scholarships - chemical engineering)	\$	5,000.00
The Earl F. Miller II Memorial Fund (Scholarships for undergraduate students or fellowships for graduate students in College of Optometry)	\$	4,475.00

Report from Presidents Club

Members to date	3,183
1979: year to date	341
New members - August 1979	29

New Presidents Club Members - August 1979

John A. Adams	John C. Neff
Michael H. Anderson	Scott J. Nicholson
Raymond Frankell, Jr.	Jack R. Parrish
Robert E. Fry, Jr.	Richard J. Reis
C. Neilson Griffith	Richard Rosacker
Jack Hill	Roseann M. Stafford
Lloyd A. Horrocks	Theophil T. Sutton
Joseph J. Horst	Robert D. Thomas
Ralph W. Howard	James R. Vanzant
Jack L. Howell	Jerome W. Vogel
Mary Jane Howell (Mrs. Jack)	Harold F. Willis
Stephen N. Kolodzik	Thomas E. Workman
Robert E. Martini	Floyd E. Younkin
Kathryn Mitchell (In Memoriam)	Mary Jane Zuspan (Mrs. Frederick P.)
Gilbert Mitchell (In Memoriam)	

October 5, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Research Contracts/Grants

\$724,000.00 - Department of Transportation, Federal Aviation Administration, Washington, D. C., University Airport Apron and Runway Improvements, College of Engineering, Department of Aviation, September 1, 1978 through August 31, 1979. (Contract No. DOT-FA79-GL-8017)

\$100,000.00 - U. S. Agency for International Development, Office of Contract Management, Washington, D. C., Matching Formula Title XII University Strengthening Grant, College of Agriculture and Home Economics, July 23, 1979 through July 22, 1980. (Grant No. AID/DSAN-XII-G-0164)

\$28,910.00 - U. S. Department of Justice, Law Enforcement Assistance Administration, Washington, D. C., Law Enforcement Education Program, Student Financial Aids, August 1, 1979 through July 31, 1980. (Grant No. 79LPAX0940)

\$12,250.00 - Small Business Administration, Washington, D. C., Management Counseling and Technical Assistance, College of Administrative Science, October 10, 1978 through October 9, 1979. (Grant No. SBA-2265-MA-79)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$ 865,160.00**

State of Ohio Research Contracts/Grants

\$400,000.00 - State of Ohio, Department of Education, Columbus, Ohio, Teacher Education Redesign, College of Education, July 1, 1979 through June 30, 1980.

\$67,176.00 - State of Ohio, Department of Education, Vocational Division, Columbus, Ohio, Vocational Achievement Test Development, Academic Faculty of Vocational-Technical Education, July 1, 1979 through June 30, 1980.

\$20,640.00 - State of Ohio, Rehabilitation Services Commission, Columbus, Ohio, Cooperative Training/Employment Project for the Physically Handicapped, Office of Personnel Services, September 1, 1979 through June 30, 1980.

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS **\$ 487,816.00**

Other Non-Federal Research Contract/Grant

\$156,596.00 - Republic of Korea, Ministry of Education, Seoul, Korea, INTEC Korean Training Program, Academic Faculty of Industrial Technology, September 6, 1979 through December 6, 1979.

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REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$1,190,035.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Cancer Center Support Grant, Cancer Research Center (D. S. Yohn), 1 July 1979 through 30 June 1980. (Project 763976 - Continuation)

\$492,576.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Spinal Cord Injury Research Center, Department of Surgery (W. E. Hunt), 1 September 1979 through 31 August 1980. (Project 763358 - Continuation)

\$204,788.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Ohio Statewide Cancer Control Support Development Grant, Cancer Research Center (C. J. Cavalaris), 1 September 1979 through 31 August 1980. (Project 761832 - New)

\$195,159.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Otitis Media with Effusion, Department of Otolaryngology (D. J. Lim), 1 September 1979 through 31 August 1980. (Project 760043 - Continuation)

\$180,000.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Office of Sea Grant Programs, Rockville, Maryland, The Ohio Sea Grant Program Proposal, Center for Lake Erie Area Research (C. E. Herdendorf and J. M. Reutter), 1 September 1979 through 31 August 1980. (Project 761831 - New)

\$146,730.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Language and Area Center for Slavic and East European Studies, Graduate School Administration (J. B. LaPidus) and Department of Slavic Languages and Literatures (L. I. Twarog), 15 August 1979 through 14 August 1980. (Project 761827 - New)

\$143,401.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Nursing, Hyattsville, Maryland, Professional Nurse Traineeship Program, School of Nursing (E. L. Fritz), 1 August 1979 through 31 July 1980. (Project 760803 - 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)

\$124,989.00 - Department of the Navy, Naval Regional Contracting Office, Long Beach, California, Formulate Quasi-Optical Techniques for Antennas at UHF, Department of Electrical Engineering, ElectroScience Laboratory (C. H. Walter, R. J. Markefka, and R. C. Rudduck), 1 August 1979 through 31 July 1980. (Project 761784 - New)

\$116,833.00 - Department of Health, Education, and Welfare, Office of Education, Bureau for Education of the Handicapped, Washington, D. C., Demonstration of Transitional Services for Severely and Profoundly Retarded School Age Children Across a Variety of Ecological Settings, Nisonger Center for Mental Retardation (V. Cotter), 1 September 1979 through 31 August 1980. (Project 761390 - Continuation)

\$109,194.00 - Department of Health, Education, and Welfare, Office of Education, Bureau for Education of the Handicapped, Washington, D. C., A Model Program for School Aged Mildly Handicapped Children and Their Parents, Academic Faculty for Exceptional Children (T. E. Heron and W. L. Heward), 1 September 1979 through 31 August 1980. (Project 761808 - New)

\$100,236.00 - National Science Foundation, Washington, D. C., Hot Corrosion of Metals and Alloys by Fused Salts, Department of Metallurgical Engineering (R. A. Rapp), 1 August 1979 through 31 July 1980. (Project 761799 - Continuation)

\$95,334.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Intrarenal Pressure and Renal Function, Department of Medicine (L. A. Herbert), 1 July 1979 through 30 June 1980. (Project 761786 - New)

\$91,896.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Ion Transport by Heart Mitochondria, Department of Physiological Chemistry (G. P. Brierley), 1 September 1979 through 31 August 1980. (Project 760026 - Continuation)

\$83,797.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Hypocholesterolemic Agents: Stereochemical Studies, College of Pharmacy (D. T. Witiak and D. R. Feller) and Department of Pathology (H. A. I. Newman), 1 September 1979 through 31 August 1980. (Project 762769 - 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)

\$79,096.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, The Role of Oxygen Radicals on Effector/Tumor Cells, Department of Medicine (A. L. Sagone), 1 September 1979 through 31 August 1980. (Project 761287 - Continuation)

\$77,797.00 - Department of the Interior, Office of Water Research and Technology, Washington, D. C., Use of *Myxococcus* PC02 to Control Aquatic Algae, Engineering Experiment Station, Water Resources Center (R. C. Stiefel), 1 September 1979 through 30 September 1982. (Project 761800 - New)

\$73,930.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Chemical and Molecular Biological Aspects of Alkylhydrazine-induced Carcinogenesis in Human Cells *In Vitro*, College of Pharmacy (D. T. Witiak), 1 September 1979 through 30 June 1980. (Project 761810 - New)

\$73,487.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Myelin Biosynthesis and Turnover, Department of Physiological Chemistry (L. A. Horrocks), 1 August 1979 through 31 July 1980. (Project 760039 - Continuation)

\$73,356.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Pain Mechanisms after Spinal Cord Lesions, Department of Anatomy (J. C. Bresnahan), 1 September 1979 through 31 August 1980. (Project 761283 - Continuation)

\$72,513.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunity to Tumor - Localized, Chemically-Modified Drugs, Department of Pathology (R. F. Barth), 1 August 1979 through 31 July 1980. (Project 761801 - New)

\$70,025.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Development of Prostaglandin System Antagonist, Department of Physiological Chemistry (H. W. Sprecher), 15 August 1979 through 14 August 1980. (Project 761288 - Continuation)

\$65,052.00 - National Science Foundation, Washington, D. C., Theory of Social Impact, Department of Psychology (B. Latane), 1 September 1979 through 31 August 1980. (Project 760485 - 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)

\$63,425.00 - National Science Foundation, Washington, D. C., A Multistage Molecular Model for Neoplastic Transformation in Rats, Department of Microbiology (P. C. Kimball), 15 August 1979 through 31 August 1980. (Project 761782 - New)

\$63,000.00 - National Science Foundation, Washington, D. C., Totally Synthetic Heme Protein Models, Department of Chemistry (D. H. Busch), 1 August 1979 through 31 July 1980. (Project 761152 - Continuation)

\$60,417.00 - Department of Energy, Chicago Operations and Regional Office, Argonne, Illinois, An FMN Photosystem I Solar Battery, Department of Biochemistry (E. Gross), 1 September 1979 through 31 August 1980. (Project 761812 - New)

\$60,000.00 - National Science Foundation, Washington, D. C., Engineering Specialized Research Equipment: High Data Rate Real-Time Processor for Chemical Engineering Research, Department of Chemical Engineering (J. L. Zakin and R. D. Mohler), 15 July 1979 through 31 July 1980. (Project 761781 - New)

\$59,914.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Cardio-Respiratory-Renal Stress Reactions, Department of Psychiatry (S. A. Corson), 1 July 1979 through 30 June 1980. (Project 761208 - Continuation)

\$58,000.00 - National Science Foundation, Washington, D. C., Doubled-Haploids in *Arabidopsis*, Department of Genetics (R. L. Scholl), 1 September 1979 through 31 August 1981. (Project 761818 - New)

\$56,986.00 - Department of Labor, Washington, D. C., Occupational Noise, Department of Otolaryngology (W. Melnick), 1 September 1979 through 31 August 1980. (Project 761779 - New)

\$56,363.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Development of Effective Therapy for Sickle Cell Disease, Department of Medicine (S. P. Balcerzak), 26 June 1979 through 31 July 1980. (Project 760079 - Continuation)

\$55,000.00 - National Science Foundation, Washington, D. C., Developmental Studies in Haploid Embryogenesis, Department of Botany (V. Raghavan), 1 September 1979 through 31 August 1981. (Project 761820 - 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)

\$51,376.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Surface Differentiation of Developing Hemic Cells, Department of Anatomy (G. A. Ackerman), 1 September 1979 through 31 August 1980. (Project 761280 - Continuation)

\$49,958.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Analysis of Airborne Antenna Patterns, Department of Electrical Engineering, ElectroScience Laboratory (W. D. Burnside), 16 January 1980 through 15 January 1981. (Project 761012 - Continuation)

\$48,723.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, A Model for Medical Treatments Evaluation, Department of Statistics (E. J. Dudewicz and J. Hsu), 1 September 1979 through 31 August 1980. (Project 761814 - New)

\$48,238.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Laboratory Infrared Studies of Molecules of Atmospheric and Astrophysical Interest, Department of Physics (K. N. Rao), 1 October 1979 through 30 September 1980. (Project 760527 - Continuation)

\$45,600.00 - National Science Foundation, Washington, D. C., Chemistry of Metal-Carbon Sigma Bonds, Department of Chemistry (A. A. Wojcicki), 1 July 1979 through 30 June 1980. (Project 761787 - Continuation)

\$45,494.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Alpha-Adrenergic and Dopaminergic Stereochemical Studies, College of Pharmacy (D. D. Miller), 1 September 1979 through 31 August 1980. (Project 761349 - Continuation)

\$45,199.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute on Drug Abuse, Rockville, Maryland, Biotransformation of Cannabinoids by Microorganisms, College of Pharmacy (L. W. Robertson), 1 August 1979 through 31 July 1980. (Project 760386 - Continuation)

\$43,400.00 - National Science Foundation, Washington, D. C., Principles of Metal Erosion Resistance, Department of Metallurgical Engineering (P. G. Shewmon), 1 September 1979 through 31 August 1980. (Project 761241 - 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)

\$42,600.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, *In Vitro* Immunoglobulin Production in Hepatitis, Department of Medicine (R. L. Whisler), 1 September 1979 through 31 August 1980. (Project 761407 - Continuation)

\$40,984.00 - Department of Energy, Albuquerque, New Mexico, Salt-Gradient Solar Pond Development, Department of Physics (C. E. Nielsen), 1 July 1979 through 31 January 1980. (Project 760904 - Continuation)

\$40,600.00 - National Science Foundation, Washington, D. C., Equipment Grant: Acquisition of Electron Microscope, Department of Entomology (G. R. Stairs), 1 August 1979 through 31 July 1980. (Project 761783 - New)

\$39,964.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Application of Optical Computing Techniques to Jet Engine Control, Department of Electrical Engineering, ElectroScience Laboratory (S. A. Collins), 1 August 1979 through 31 July 1980. (Project 761795 - New)

\$38,777.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Clinical Implications of Vergence-Anomaly, College of Optometry (R. Jones), 1 August 1979 through 31 July 1980. (Project 761249 - Continuation)

\$38,000.00 - National Science Foundation, Washington, D. C., Extension of Complex Coordinate and Complex Basis Function Techniques to Molecular Systems: Resonances and Photoionization, Department of Chemistry (C. W. McCurdy, Jr.), 1 November 1979 through 31 October 1980. (Project 761834 - New)

\$37,431.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Gene Expression and Enzyme Synthesis in *Neurospora*, Department of Biochemistry (G. A. Marzluf), 1 July 1979 through 30 June 1980. (Project 760743 - Continuation)

\$36,741.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Biochemical Applications of Osmium Chemistry, Department of Biochemistry (E. J. Behrman), 1 September 1979 through 31 August 1980. (Project 760123 - 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)

\$36,474.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Isolation and Genetic Analysis of Sporulation Genes, Department of Microbiology (D. H. Dean), 1 August 1979 through 31 July 1980. (Project 761218 - Continuation)

\$35,446.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Intestinal Secretion Neurochemical Receptor Mechanisms, College of Pharmacy (T. S. Gaginella), 1 September 1979 through 31 August 1980. (Project 761266 - Continuation)

\$33,496.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis of Carcinogenic Compounds, Department of Chemistry (M. S. Newman and D. W. Meek), 1 August 1979 through 31 May 1980. (Project 761809 - Continuation)

\$32,026.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Intestinal Secretion: Receptor Mechanisms, College of Pharmacy (T. S. Gaginella), 1 September 1979 through 31 August 1980. (Project 761373 - Continuation)

\$31,011.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, A New Method for Analysis of Coronary Artery Behavior, Department of Surgery (T. E. Williams and J. F. Cornhill), 1 July 1979 through 30 June 1980. (Project 761222 - Continuation)

\$29,996.00 - National Science Foundation, Washington, D. C., Statistical Methods for Algorithm Design and Analysis, Department of Computer and Information Science (B. W. Weide), 1 October 1979 through 30 September 1981. (Project 761829 - New)

\$28,300.00 - National Science Foundation, Washington, D. C., Electron Microscopy of Fossil Pollen and Spores, Department of Botany (T. N. Taylor), 1 August 1979 through 31 July 1980. (Project 760834 - Continuation)

\$25,883.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Vestibular Control of Posture, Department of Otolaryngology (C. W. Stockwell), 1 September 1979 through 31 August 1980. (Project 760820 - 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)

\$24,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Scattering of Acoustic Waves by a Finite Cylinder Immersed in Water, Department of Engineering Mechanics (V. V. Varadan and V. K. Varadan), 1 September 1979 through 31 August 1980. (Project 761805 - New)

\$24,000.00 - Department of Energy, Argonne National Laboratory, Argonne, Illinois, Development of Computer Simulations for Landfill Methane Recovery, Department of Civil Engineering (C. A. Moore), 12 July 1979 through 31 December 1979. (Project 761802 - New)

\$22,000.00 - National Endowment for the Humanities, Washington, D. C., The Worlds of James Thurber, Telecommunications Center (M. Durea), 1 September 1979 through 30 November 1979. (Project 761780 - New)

\$20,945.00 - Department of Health, Education, and Welfare, Office of Human Development, Rehabilitation Services Administration, Region V, Chicago, Illinois, Traineeships in Speech Pathology and Audiology, Department of Communication (E. J. Hardick), 1 September 1979 through 31 August 1980. (Project 760885 - Continuation)

\$18,596.00 - Department of Transportation, Federal Highway Administration, Washington, D. C., Field Test and Evaluation Center for Eastern States, Engineering Experiment Station (E. A. Whitehurst), 1 February 1979 through 31 March 1979. (Project 760347 - Continuation)

\$17,058.00 - Defense Mapping Agency, Hydrographic/Topographic Center, Washington, D. C., Research Related to Inertial Surveying Systems, Department of Geodetic Science (I. I. Mueller), 1 August 1979 through 30 September 1979. (Project 761793 - New)

\$16,805.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Associated Health Professions, Hyattsville, Maryland, Allied Health Educators Training Institute, School of Allied Medical Professions (D. C. Broski), 11 September 1979 through 30 June 1980. (Project 761789 - New)

\$16,600.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Pathogenesis of Canine Distemper Demyelinating Encephalitis, Department of Veterinary Pathobiology (A. Koestner), 1 August 1979 through 31 July 1980. (Project 761225 - 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)

\$10,414.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Mechanical Control and Energetics of Muscle Contraction, Department of Physiology (E. Bozler, J. A. Grossie and J. A. Rall), 1 September 1979 through 31 August 1980. (Project 760924 - Continuation)

\$10,302.00 - Department of Energy, Argonne National Laboratory, Argonne, Illinois, Studies of Mycorrhizal Symbioses and Heavy Metal Accumulation of Tree Seedlings Used in Reclamation of Strip-Mine Spoil Banks, Department of Botany (E. Rudolph), 1 August 1979 through 15 September 1980. (Project 761798 - New)

\$9,998.00 - Department of the Interior, Fish and Wildlife Service, Atlanta, Georgia, The Taxonomic Evaluation of the Duck River *Pleurocera* Species, Department of Zoology (D. H. Stansbery and C. Stein), 1 August 1979 through 31 July 1981. (Project 761785 - New)

\$8,412.00 - Department of Health, Education, and Welfare, Office of Human Development, Office of Rehabilitation Services, Region V, Chicago, Illinois, Traineeships in Physical Therapy, School of Allied Medical Professions (F. M. Pierson), 1 September 1979 through 31 August 1980. (Project 760804 - Continuation)

\$8,046.00 - Department of the Air Force, Newark Air Force Station, Newark Air Force Station, Ohio, Engineering Refresher Course, Department of Engineering Graphics (A. Romeo), 1 August 1979 through 31 October 1979. (Project 761788 - New)

\$5,000.00 - National Science Foundation, Washington, D. C., Symposium on Molecular Spectroscopy, Columbus, Ohio; 1980, Department of Physics (K. N. Rao), 1 September 1979 through 31 August 1980. (Project 761843 - Continuation)

\$2,000.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Post-Transcriptional Control in Eukaryotic Cells, Department of Physiological Chemistry (T. E. Webb), 1 April 1979 through 31 March 1980. (Project 760063 - Continuation)

\$792.00 - Department of Labor, Washington, D. C., Occupational Noise, Department of Otolaryngology (W. Melnick), 1 September 1979 through 31 August 1980. (Project 761779 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS

\$5,554,014.00

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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

\$222,968.00 - State of Ohio, Department of Energy, Columbus, Ohio, Proposal for Development and Delivery of a Boiler Efficiency and Safety Training Program, Program for Energy Research, Education, and Public Safety, Graduate School (R. E. Bailey), 15 August 1979 through 14 August 1981. (Project 761813 - New)

\$58,400.00 - Ohio Youth Commission, Columbus, Ohio, Intern Training for Teaching Academic and Social Skills to Special Education Students, Academic Faculty for Exceptional Children (T. M. Stephens and D. S. Hill), 1 September 1979 through 30 June 1980. (Project 761816 - New)

\$44,997.00 - State of Ohio, Department of Economic and Community Development, Division of Crime Prevention, Columbus, Ohio, Rural Crime Prevention Center, Department of Agricultural Economics and Rural Sociology (G. H. Phillips), 1 May 1979 through 30 April 1980. (Project 761766 - New)

\$36,374.00 - State of Ohio, Department of Energy, Columbus, Ohio, A Proposal for the Training of Qualified Energy Auditors, Program for Energy Research, Education, and Public Service, Graduate School (R. E. Bailey), 7 August 1979 through 31 December 1979. (Project 761819 - New)

\$27,766.00 - Ohio Youth Commission, Columbus, Ohio, Buckeye Youth Center Visual Response System Project, Academic Faculty for Exceptional Children (W. L. Heward), 1 September 1979 through 30 June 1980. (Project 761817 - New)

\$10,000.00 - The Ohio Arts Council, Columbus, Ohio, Three Computer Animated Color Videotapes, Arts Administration (C. A. Csuri), 1 July 1979 through 30 June 1980. (Project 761837 - New)

\$9,140.00 - Ohio Youth Commission, Columbus, Ohio, Intern Training for Teaching Academic and Social Skills to Special Education Students, Academic Faculty for Exceptional Children (T. M. Stephens and D. S. Hill) 1 September 1979 through 30 June 1980. (Project 761815 - New)

\$4,153.00 - Ohio Historical Society, Ohio Historic Preservation Office, Columbus, Ohio, A Proposal for an Archaeological Survey of a Portion of Sandusky County, Department of Anthropology (W. Dancy), 1 August 1979 through 30 September 1980. (Project 761806 - New)

\$4,069.00 - State of Ohio, Division of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Development and Demonstration of a Habilitative Program for Disturbed Retarded Institutional Residents, Nisonger Center for Mental Retardation (B. Edmonson), 1 July 1979 through 31 July 1979. (Project 761823 - 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)

\$1,767.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Provision of Technical Assistance to the Ohio Occupational Information Coordinating Committee, Academic Faculty of Labor and Human Resources and Department of Economics (S. Kelley), 1 July 1979 through 30 June 1980. (Project 761713 - Continuation)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$ 419,634.00

Industrial, Private and Other Non-Federal Research Contracts/Grants

\$137,252.00 - Hospital Financial Management Association, Chicago, Illinois, The Development of a Financial Analysis Service for the Hospital Industry, School of Allied Medical Professions (W. O. Cleverley), 1 July 1979 through 30 June 1980. (Project 761794 - New)

\$130,492.00 - Ohio Farm Bureau Development Corporation, Columbus, Ohio, Monitoring Public Health and Animal Health on Farms Receiving Sludge, Department of Veterinary Preventive Medicine (C. R. Dorn), 1 October 1979 through 30 September 1980. (Project 760949 - Continuation)

\$75,000.00 - American Cancer Society - Ohio Division, Cleveland, Ohio, Application for a Grant to Help Create an American Cancer Society Professorship of Clinical Oncology, Department of Surgery (J. P. Minton), 1 July 1979 through 30 June 1982. (Project 761833 - New)

\$58,800.00 - City of Columbus, Department of Finance, Columbus, Ohio, Quality of Working Life Demonstration Effort, Academic Faculty of Labor and Human Resources (D. M. Ronchi), 23 August 1979 through 30 June 1980. (Project 760790 - Continuation)

\$35,150.00 - Clarkson College of Technology, Potsdam, New York, Air to Ground Measurements, Processing and Analysis of Moving Tactical Ground Targets, Department of Electrical Engineering, ElectroScience Laboratory (A. Ksienski), 14 August 1979 through 30 September 1979. (Project 761830 - New)

\$30,000.00 - The Petroleum Research Fund, The American Chemical Society, Washington, D. C., Synthetic and Mechanistic Aspects of Regiospecific Photocycloaddition Reactions, Department of Chemistry (J. S. Swenton), 1 September 1979 through 31 August 1981. (Project 761824 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$22,549.00 - Battelle Memorial Institute, Battelle Columbus Laboratories, Columbus, Ohio, Relation Between Microstructure and Fracture Toughness in a High Toughness, Complex, Low Alloy Steel, Department of Metallurgical Engineering (J. P. Hirth), 15 August 1979 through 14 August 1980. (Project 761376 - Continuation)

\$21,000.00 - The National Foundation - March of Dimes, White Plains, New York, Effect of Hypoxia, Pyrogen and Blood Glucose on Thermosensitive Hypothalamic Neurons in the Developing Brain, Department of Physiology (J. A. Boulant), 1 July 1979 through 30 June 1980. (Project 761191 - Continuation)

\$20,000.00 - Office of Nuclear Waste Isolation, Battelle Memorial Institute, Columbus, Ohio, Experimental and Analytical Studies of the Thermal Aspects of Deep Geological Disposal of Commercial Nuclear Wastes, Department of Mechanical Engineering (F. A. Kulacki), 1 July 1979 through 31 October 1979. (Project 761731 - New)

\$18,639.00 - Virginia State Corporation Commission, Richmond, Virginia, Investigate Methods to Utilize the Production Cost Simulation Model on the Electric Utilities Serving the Commonwealth of Virginia That Are Part of a Power Pool, National Regulatory Research Institute (D. N. Jones and M. S. Gerber), 1 August 1979 through 31 October 1979. (Project 761797 - New)

\$13,928.00 - Association for Brain Tumor Research, Chicago, Illinois, Epigenetic and Nerve Growth Factor Studies, Department of Veterinary Pathobiology (A. Koestner), 1 July 1979 through 30 June 1980. (Project 761733 - New)

\$12,210.00 - Kentucky Utilities Company, Lexington, Kentucky, Survey Species Composition and Abundance of Freshwater Mussels in the Ohio River, Department of Zoology (D. H. Stansbery), 15 July 1979 through 15 September 1979. (Project 761773 - New)

\$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Cardiovascular Effects of Dobutamine in Atherosclerotic-Ischemic Heart Disease, Department of Medicine (C. V. Leier and R. D. Magorien), 1 July 1979 through 30 June 1980. (Project 761821 - New)

\$10,800.00 - World Health Organization, Geneva, Switzerland, Establishment of an Integrated System for the Characterization of Microsporidian Parasites, Department of Entomology (J. D. Briggs), 1 July 1979 through 30 June 1980. (Project 760976 - Continuation)

October 5, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$10,000.00 - American Petroleum Institute, Washington, D. C., API Readability Analysis, Department of Psychology (E. T. Cornelius, III), 1 August 1979 through 31 January 1980. (Project 761804 - New)

\$9,730.00 - Morris Animal Foundation, Englewood, Colorado, Culture and Characterization of Bone Marrow Cells from Normal Cats and Cats with Neoplastic Anemia, Department of Veterinary Pathobiology (E. A. Hoover), 1 August 1979 through 31 July 1980. (Project 761825 - New)

\$7,370.00 - Safety Council, Columbus Area Chamber of Commerce, Columbus, Ohio, Technical Assistance in Developing Commercial Establishment Crime Prevention Curriculum, Department of Sociology (J. E. Scott), 1 August 1979 through 1 December 1979. (Project 761752 - Continuation)

\$7,311.00 - University of Illinois, Champaign, Illinois, Ohio River Basin Energy Study - Phase II, Department of City and Regional Planning (S. I. Gordon), 1 August 1979 through 31 October 1979. (Project 761633 - Continuation)

\$6,090.00 - Women's Action Collective, Inc., Columbus, Ohio, Research Coordination for Rape Prevention, Department of Philosophy (R. G. Turnbull), 1 September 1979 through 31 May 1980. (Project 760643 - Continuation)

\$5,692.00 - Southwest Oncology Group, Kansas City, Kansas, Multidisciplinary Participation in Cancer Control Activities of the Southwest Oncology Group, Department of Medicine (H. E. Wilson) and Department of Pathology (R. O'Toole), 1 July 1979 through 31 December 1979. (Project 761460 - Continuation)

\$4,900.00 - Ohio Farm Bureau Development Corporation, Columbus, Ohio, Microbiological Analysis of Runoff Water, Department of Microbiology (P. R. Dugan), 23 July 1979 through 31 January 1980. (Project 761811 - New)

\$3,000.00 - American Society of Medical Technologists, Education and Research Fund, Inc., Bellaire, Texas, Study of the Erythrocyte Stroma: Potential for Use in Autoabsorption of Warm and Cold Autoagglutinins, Department of Pathology (M. S. Kennedy and A. Waheed), 1 August 1979 through 31 July 1980. (Project 761828 - New)

\$3,000.00 - North Central Technical College, Mansfield, Ohio; John C. Calhoun State Community College, Decatur, Alabama; Oakton Community College, Morton Grove, Illinois; National Alliance of Postsecondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1979 through 30 June 1980. (Project 761599 - Continuation)

October 5, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$1,500.00 - Greater Columbus Arts Council, Columbus, Ohio, Public Film, Photography and Video Exhibition in Columbus, Department of Photography and Cinema (J. R. Green), 1 July 1979 through 14 April 1980. (Project 761822 - New)

TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS **\$ 656,413.00**

ENGINEERING EXPERIMENT STATION

State of Ohio Sponsored Research and Development

\$30,859.00 - State of Ohio, Department of Transportation, Columbus, Ohio, for Investigation of Asphalt Pavement Recycling in Ohio: A Laboratory and Field Investigation, Department of Civil Engineering, September 4, 1979 through September 3, 1980. (EES 599-529079)

Industrial and Other Sponsored Research and Development

\$55,620.00 - The Ohio State University Office of Physical Facilities, Columbus, Ohio, for Continued Study of Energy Conservation for University Buildings, Department of Mechanical Engineering, July 1, 1979 through June 30, 1980. (EES 468-529008, Extension 8)

Sponsored Development Projects

\$30,908.00 from various sponsors for 38 development projects.

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$99,990.00 - Honda Motor Co., Ltd., Tokyo, Japan, for the East Asian Studies Program Fund.

\$25,000.00 - Grand Aerie Fraternal Order of Eagles, Milwaukee, Wisconsin, (given in the name of Woody Hayes), for the Eagles Fund for Cardiology Research.

\$24,757.50 - Pfizer, Inc., Groton, Connecticut: \$16,810.00 for the Clinical Pharmacology Fund; \$5,447.50 for the Infectious Disease Research Fund; \$1,500.00 for the Department of Medicine Fund; and \$1,000.00 for the Antibiotic Research Rotary.

October 5, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$20,020.55 - Retinal Consultants, Inc., Columbus, Ohio: \$16,298.13 for the Retina Research Fund and \$3,722.42 for the Ophthalmology Photography Fund.

\$20,000.00 - Standard Oil Company, Cleveland, Ohio: \$10,000.00 for the College of Engineering Campaign Fund; \$5,000.00 for the Sohio Chemical Engineering Fund; \$2,500.00 for the College of Engineering Special Fund; and \$2,500.00 for the Affirmative Action Program in Engineering Fund.

\$16,950.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund.

\$15,000.00 - Mr. and Mrs. John W. Galbreath, Columbus, Ohio, for The C. William O'Neill Professorship of Law Fund.

\$15,000.00 - Mrs. Elizabeth Randall, Knoxville, Tennessee, for the William J. McCaughey Fellowship in Mineralogy Fund.

\$14,600.00 - The Refractories Institute, Pittsburgh, Pennsylvania, for the Refractories Institute Research Fund.

\$13,163.17 - Sisa Incorporated, Cambridge, Massachusetts, for the Clinical Pharmacology Fund.

\$10,078.13 - Foundation for Endowment of a Chair at Ohio State University, New York, New York, for the Meshulam Riklis Chair in Business and Its Environment Fund.

\$10,000.00 - Anderson Clayton Foods, Dallas, Texas, for the Anderson Clayton Graduate Fund for Casein Research.

\$10,000.00 - Eastman Kodak Company, Rochester, New York, for the Eastman Kodak Company Fund in Chemistry.

\$10,000.00 - Ford Motor Company Fund, Dearborn, Michigan, for the Advanced Design Methods Laboratory - Mechanical Engineering.

\$10,000.00 - John C. Neff, M.D., Columbus, Ohio, for the Department of Pathology Educational and Research Discretionary Fund.

\$10,000.00 - Estate Under the Will of Margaret G. Outcault, Paris, Michigan, for the College of Engineering Special Fund.

October 5, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$9,500.00 - Phi Beta Psi Sorority Grand Chapter, Lima, Ohio, for the Cancer Research Fund.

\$9,100.00 - Mrs. Ruth S. Utley, Columbus, Ohio, for the Francis Lee Utley Memorial Fountain in the Main Library.

\$8,901.71 - University Eye Surgeons, Columbus, Ohio, (given in the name of Richard H. Keates, M.D.), for the Eye Bank Fund.

\$8,400.00 - INCO Limited, New York, New York, for the International Nickel Company Fellowship Fund.

\$7,367.14 - Grand Chapter of Ohio Order of the Eastern Star, Danville, Ohio, for the Cancer Research Fund.

\$7,136.09 - Systems Associates, Columbus, Ohio, for the Cardiology Support Fund.

\$5,575.00 - Charles F. Sinsabaugh, M.D., Newark, Ohio, for the College of Medicine Alumni Society Fund.

\$5,000.00 - City National Bank, Columbus, Ohio, for The C. William O'Neill Professorship of Law Fund.

\$5,000.00 - Midland Ross Corporation, Urbana, Ohio, for the Student Athlete Grant-in-Aid Fund.

\$5,000.00 - Minnesota Mining and Manufacturing Company, St. Paul, Minnesota, for the William G. Pace, III Fund.

\$5,000.00 - The George Fund Foundation, Cleveland, Ohio, for the Ohio 4-H Foundation Support Fund.

\$5,000.00 - Trust Under the Will of Myron E. Speck, Cleveland, Ohio, for the Dr. M. Henry and Myron E. Speck Fund.

Gift-in-Kind

\$5,603.00 - Continental Office Furniture, Columbus, Ohio, (given in the name of Frank Kass), office furniture for the Department of Athletics.

October 5, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds

The Kenesaw S. Shumate Memorial Fund

The Kenesaw S. Shumate Memorial Fund was established October 5, 1979, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends and colleagues of Kenesaw S. Shumate, Professor of Civil Engineering and Chemical Engineering, and former Director of the Water Resources Center, late of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under 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 assistance to graduate students pursuing a degree in the water resources area. The selection is to be made upon the recommendation of the Scholarship Committee of the Water Resources Center and would be based on nominations submitted by the graduate student's faculty advisor.

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 official of the University who is then directly responsible for the Water Resources Center activities.

The Ohio Association of Garden Clubs Horticulture Scholarship

The Ohio Association of Garden Clubs Horticulture Scholarship was established October 5, 1979, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from The Ohio Association of Garden Clubs, Inc.

All gifts are to be invested in the University's Permanent Endowment Fund, under the 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 for a junior or undergraduate student who has demonstrated academic ability, with a preference given to students enrolled in either the Floriculture or Landscape Horticulture program areas. The selection of the recipient is to be made upon the recommendation of the Department of Horticulture Scholarship Committee to the College of Agriculture and Home Economics Scholarship Committee.

October 5, 1979 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 Ohio Association of Garden Clubs Horticulture Scholarship (contd)

Should the need for this scholarship 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 education.

The William H. Whirl Scholarship Fund

The William H. Whirl Scholarship Fund was established October 5, 1979, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Estate of Elizabeth H. Whirl, Columbus, Ohio, B.A. '21, B.S.Ed. '21, in memory of her husband, William H. Whirl, B.Ch.E. '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 is to be used to award one or more scholarships to students planning to study chemical engineering. All requisitions for funds for the awards will be approved by the Chairperson of 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 Chairperson of the Department of Chemical Engineering and the Dean of the College of Engineering.

The Earl F. Miller II Memorial Fund

The Earl F. Miller II Memorial Fund was established October 5, 1979, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from members of the Optometry Class of 1952.

All gifts are to be invested in the University's Permanent Endowment Fund, under the 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 undergraduate students, or fellowships for graduate students, in the College of Optometry who have demonstrated interest

October 5, 1979 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 Earl F. Miller II Memorial Fund (contd)

in physiological optics. The selection of the recipient is to be made upon the recommendation of the Dean of the College of Optometry in conjunction with the Director of Financial Aids.

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 the College of Optometry.

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PLANS AND SPECIFICATIONS

Resolution No. 80-33

Synopsis: Plans and specifications are being proposed for the following project.

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

NORTH DORMITORIES, RETROFITTING OF HVAC SYSTEM

Project: Improvements to the heating, ventilating and air conditioning system to meet current energy conservation programs.

Funding: Budget Account 885088 (Housing and Urban Development loan to The Ohio State University Residence and Dining Halls).

Estimated Project Cost: \$362,000.00

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 Administration be authorized to sign the plans and specifications for this project and, in accordance with established University procedures, to request bids and, if

October 5, 1979 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

NORTH DORMITORIES, RETROFITTING OF HVAC SYSTEM (contd)

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

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REPORT OF AWARD OF CONTRACTS

Resolution No. 80-34

Synopsis: Contracts have been awarded for the project to the lowest and best bidder 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 project:

DENTISTRY LABORATORIES RENOVATION (ORAL SURGERY)

Description: Provide additional clinic chairs, alteration and renovation of two surgery areas, recovery suite and the oral surgery department's administrative area.

General Contract

Date Received:	August 30, 1979
No. of Bids:	5
Low Bid:	\$ 36,880.00*
High Bid:	\$ 46,900.00*
Estimate of Cost:	\$ 41,200.00*
Awarded to:	Ed Ross Construction Co. (Westerville, Ohio)

*Recommended alternates reflected in these figures.

October 5, 1979 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

DENTISTRY LABORATORIES RENOVATION (ORAL SURGERY) (contd)

Plumbing Contract

Date Received: August 30, 1979
No. of Bids: 3
Low Bid: \$ 50,500.00*
High Bid: \$ 65,500.00*
Estimate of Cost: \$ 52,000.00*
Awarded to: Radico, Inc. (Columbus, Ohio)

Heating, Ventilating and Air Conditioning Contract

Date Received: August 30, 1979
No. of Bids: 1
Low Bid: \$ 57,900.00*
Estimate of Cost: \$ 63,500.00*
Awarded to: Kirk Williams Company, Inc. (Grove City, Ohio)

Electrical Contract

Date Received: July 6, 1979
No. of Bids: 5
Low Bid: \$ 21,444.00*
High Bid: \$ 27,771.00*
Estimate of Cost: \$ 24,472.00*
Awarded to: J & L Electric Co. (Columbus, Ohio)

Total All Contracts: \$166,724.00

Total Project Cost: \$188,996.82

Funding: H.B. 618, Utilities and Renovation 1977-79 Biennium (\$127,000.00)
and Local University Funds in the sum of (\$61,996.82)

*Recommended alternates reflected in these figures.

October 5, 1979 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS (contd)

DENTISTRY LABORATORIES RENOVATION (ORAL SURGERY) (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 for the project listed above are hereby reported.

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

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**ACCESSION OF PROPERTY - 134.40 ACRES AND 44.33 ACRES,
GOOD HOPE TOWNSHIP, HOCKING COUNTY, OHIO**

Resolution No. 80-35

Synopsis: Accession of Property - 134.40 acres and 44.33 acres adjoining Barnebey Center and situated in Good Hope Township, Hocking County, Ohio.

WHEREAS the University has been provided with an opportunity to acquire the following property: two tracts of land consisting of 134.40 acres and 44.33 acres adjoining the Barnebey Center in Good Hope Township, Hocking County, Ohio; and

WHEREAS Mrs. Annabelle E. Hoge of Lancaster, Ohio, has offered to make a gift of said property to the University, subject to the reservation of the income during her life from the gas storage lease and the right to one-half of proceeds from the sale of timber from the property in the event such timber is sold during her lifetime; and

WHEREAS Mrs. Hoge has requested that said property be retained by the University for conservation for ten years or until her death, whichever shall occur last:

NOW THEREFORE

BE IT RESOLVED, That the property be accepted as a gift to the University through the Development Fund from Mrs. Annabelle E. Hoge through her conveyance of a General Warranty Deed to the Board of Trustees of The Ohio State University; and

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Administration be authorized to acquire title to said property in the name of the Board of Trustees of The Ohio State University.

Dr. Sirak: How is that land to be maintained?

President Enarson: Well, it's--I think I know the answer, but I'll ask Dick to handle it.

October 5, 1979 meeting, Board of Trustees

**ACCESSION OF PROPERTY - 134.40 ACRES AND 44.33 ACRES,
GOOD HOPE TOWNSHIP, HOCKING COUNTY, OHIO (contd)**

Mr. Jackson: The property is to be maintained by us.

Dr. Sirak: What does that amount to a year? Minimal?

Mr. Jackson:

Well, whatever it takes in order to do it, I suspect that for the most part, we are talking about no maintenance. It's in terms of the existing use of the property, if there is to be a sale of lumber then obviously there is some income from it. It is essentially virgin land.

Dr. Jacob:

It states that for ten years or more, it's to be maintained in conservation, which to me means no change.

President Enarson: Some selective timbering--

Mr. Devenow: Well, maybe we can sell our timber off of Barnebey.

Upon motion of Dr. Jacob, seconded by Mr. Devenow, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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INVESTMENT COUNSELORS

Resolution No. 80-36

Synopsis: Change in amount of funds under advisement of National Investors Services of America, Inc., is recommended.

WHEREAS it is desired to maximize the return on University investments within the policies of the Board of Trustees; and

WHEREAS the University is attempting to identify funds that may be invested for an extended period of time; and

WHEREAS the Trustees have authorized the use of National Investors Services of America, Inc., to advise the University on the investment of University funds in an amount not exceeding \$12 million:

NOW THEREFORE

BE IT RESOLVED, That the amount of funds under advisement of National Investors Services of America, Inc., be increased to an amount not to exceed \$20 million.

October 5, 1979 meeting, Board of Trustees

INVESTMENT COUNSELORS (contd)

Mr. Kristoff:

At the present time, we are utilizing the services of National Investors Services for the management not to exceed \$12 million, and we've been pleased with their performance, and we would like to maximize the amount of funds that we can extend the maturities on. And even though, at this time, we wouldn't be increasing maturities, we would like to have the flexibility to channel more funds to their portfolio when we are ready to have the maturities extended. So we're requesting that we increase the amount that we can have under the advisement of National Investors Services from \$12 million to \$20 million.

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

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STATEMENT ON THREAT TO OSU'S CAPITAL IMPROVEMENTS PROJECTS BY PRESIDENT HAROLD ENARSON

I want to comment on the capital improvements bill now under consideration in the General Assembly.

Recent press reports indicate that members of the Senate Finance Committee may propose deep cuts in the capital improvements recommended for this University by the Governor and approved by the House. While no final action has been taken by the Senate Committee, these reports are deeply disturbing. Let me briefly review recent developments.

On September 18 Governor Rhodes submitted his recommendations to the General Assembly for capital improvements for the state for 1979-81. He proposed \$488 million for higher education, of which \$89.1 million, or roughly 18 percent, was recommended for Ohio State. (Attached you will find a list of the projects recommended for OSU.)

Let me intersperse with this comment.

The enrollment of Ohio State as a share of the total postsecondary enrollment in publicly supported institutions is approximately 18 percent, but that's not the most valid measure. The most valid measure of our capital needs, which of necessity must reflect the types of programs we have here, would be our subsidies--because the subsidies, you see, would reflect the fact of our graduate and professional program. On that score, the OSU budget is roughly one fourth of the budget. So anytime you're talking about the capital improvements bill and anytime you're talking about Ohio State getting its share, you'd better be looking and the public better be looking and the legislature better be looking at roughly one fourth of whatever is appropriated for higher education.

October 5, 1979 meeting, Board of Trustees

**STATEMENT ON THREAT TO OSU'S CAPITAL IMPROVEMENTS PROJECTS
BY PRESIDENT HAROLD ENARSON (contd)**

On September 20, members of the House concurred in the Governor's recommendations and added two projects to those proposed for the University. By a decisive, bipartisan vote of 70-23, they approved the capital improvements bill (House Bill 834) and sent it to the Senate.

There the bill was referred to the Senate Finance Committee. Hearings were held this week. As of this hour, the Finance Committee has taken no official action on the bill. Action is not expected until next week.

Meanwhile, we cannot ignore the reports that deep cuts in Ohio State's projects are being considered. Indeed, of the total cuts being discussed for all institutions of higher education in the state, this University *alone* reportedly would bear almost half.

We have been assured by Senate leaders that no final decisions have been made. Yet I feel obliged to alert this Board and the people of Ohio to the consequences of such severe cuts as those which have been discussed in recent days.

First, let me make one point clear. It is not my province to propose what the level of funding should be to meet the capital needs of the state for the next two years. Setting that amount is a policy matter which is the prerogative of our elected state officials.

Indeed, members of the General Assembly may ultimately conclude that a level of capital funding somewhat lower than that now in House Bill 834 is what is needed at this time. If this turns out to be the case, however, we would certainly expect that any cuts would be applied fairly and equitably across the agencies of government and across higher education.

Overall funding levels, then, must be set by those in government. My responsibility, as president of this University, is to plan for the years ahead. My responsibility is to recommend those orderly steps which must be taken now if this University is to be ready to deliver to the people of Ohio the services they will expect from Ohio State in the 1980's and beyond. And to meet this responsibility, I must speak out when possible legislative or other actions threaten this University's ability to deliver quality educational and public services to the citizens of this state.

It is absolutely essential that all of us who care about The Ohio State University understand the significance of the projects recommended by the Governor and approved by the House. The projects fall into three broad groups.

- * The largest group is in the health sciences: \$53 million or 59 percent of the total. Major projects include:

October 5, 1979 meeting, Board of Trustees

**STATEMENT ON THREAT TO OSU'S CAPITAL IMPROVEMENTS PROJECTS
BY PRESIDENT HAROLD ENARSON (contd)**

\$25 million for a cancer institute, for both in-patient and out-patient care.

\$7 million to modernize radiation therapy facilities.

\$4 million for a cancer center research laboratory.

\$5 million for an Ohio Arthritis Center, to focus and expand OSU's work on this crippling disease.

\$1.6 million for a Geriatric Center, to advance our efforts in this high-priority field.

\$6 million for health center access improvements.

\$4.4 million for veterinary science, adding needed space to Sisson Hall for basic animal science and care.

- * The next largest category is that of replacement or renovation of out-moded facilities: \$21.9 million or 24 percent of the total. Projects in this group include:

\$5.2 million for an agricultural engineering building to replace outdated Ives Hall.

\$9.5 million to replace the sawtooth section of McPherson Laboratory with a modern building for undergraduate chemistry students.

\$6.5 million for utilities and renovations, to continue our essential program of keeping our older buildings up to date and usable.

\$747,000 for University Hospital renovations.

- * The final category reflects efforts to increase the University's capacity to meet various public needs. It includes:

\$10 million, representing 11 percent of total funds proposed, to be used for an Aerodynamics Testing Center at the Transportation Research Center which OSU operates near Marysville. This facility would be a significant addition to the University's expanding efforts in transportation research and testing.

October 5, 1979 meeting, Board of Trustees

**STATEMENT ON THREAT TO OSU'S CAPITAL IMPROVEMENTS PROJECTS
BY PRESIDENT HAROLD ENARSON (contd)**

Each project is important to us. But clearly the area which may be in greatest danger is also the area of greatest concern and importance to the people of the state--the area of health. And it was in this area that press accounts indicated that consideration apparently was being given at one point to cutting all funds for cancer research and patient care. Such cuts would be a tragic mistake, in my judgment.

Ohio has within its reach the opportunity to create a center for cancer research and treatment as fine as any in the nation. The foundation has been laid at this University.

In the past decade, the General Assembly has financed major expansions in the health sciences on this campus. This support, plus the rapidly growing expertise of our faculty in cancer research and treatment, led the National Cancer Institute to designate Ohio State as a national Comprehensive Cancer Research and Demonstration Center. We are the only such center in Ohio. We are one of only 21 such centers in the nation.

It makes no sense whatsoever--when the medical programs and facilities of this University have reached the threshold of national leadership and excellence--for the state to hold back its support now. We must build on the growing strength we have. The Governor's recommendations, endorsed soundly by members of the House, would permit the orderly development of our capability to better serve the vital health needs of the people of Ohio.

Let there be no misunderstanding about what is at stake. The decisions soon to be made in the Senate will profoundly affect this University's ability to serve the people of Ohio in the coming decade. These decisions go to the heart of our mission as a land-grant university and as the only comprehensive university in Ohio which offers the full range of graduate and professional programs.

Ohio State is acknowledged as one of the finest universities in the country. It got that way for many reasons, not the least of which was the vision which led governors and state legislators to establish and build a great center of learning to serve all the people of the state. Their goal was to help Ohioans get an education and lead better, healthier, more productive lives.

We know that the decisions facing members of the Senate and the General Assembly are complex and difficult. But it is our fervent hope--indeed, it is our expectation--that the leaders and members of the General Assembly will reconcile any remaining differences in a way that will not foreclose the prospect of healthier, happier lives for the people of our state in the years ahead.

October 5, 1979 meeting, Board of Trustees

**CAPITAL IMPROVEMENTS RECOMMENDED IN HOUSE BILL 834
FOR THE OHIO STATE UNIVERSITY**

For Health Sciences--\$53,000,000

\$36,000,000 -- cancer research and treatment, including:

\$25,000,000 -- Cancer Institute Hospital
\$ 7,000,000 -- radiation therapy
\$ 4,000,000 -- cancer research laboratory (to be used in conjunction
with the Comprehensive Cancer Research and Demon-
stration Center)

\$ 5,000,000 -- Ohio Arthritis Center
\$ 1,600,000 -- Geriatric Center
\$ 6,000,000 -- Health Center access improvements
\$ 4,400,000 -- veterinary science addition

For Replacement/Renovation of Outdated Facilities -- \$21,947,000

\$ 9,500,000 -- replace sawtooth section of McPherson Lab
\$ 5,200,000 -- replace agricultural engineering building
\$ 6,500,000 -- general utilities and renovations
\$ 747,000 -- renovation in University Hospital

To Meet Specialized Public Needs -- \$10,000,000

\$10,000,000 -- Aerodynamics Testing Center for transportation research

Other Projects -- \$ 5,365,000

\$ 2,425,000 -- teaching, recreation, and support facilities at the Agricultural
Technical Institute
\$ 1,500,000 -- Marion Campus student recreation and physical education facility
\$ 300,000 -- Marion Campus child care center
\$ 500,000 -- Bee Laboratory*
\$ 640,000 -- Community Extension Center (Columbus) operated by the Depart-
ment of Black Studies*

*Projects added by the House to the Governor's recommendation.

October 5, 1979 meeting, Board of Trustees

DISCUSSION - OSU'S CAPITAL IMPROVEMENTS PROJECTS

President Enarson:

That concludes the written statement, and you will find as a final concluding attachment, a page which repeats the breakdown which I covered in narrative form. We are obviously going to see that this statement gets wide distribution. Beyond that, it's very difficult to see what more the University can do to present its case. If news accounts in this morning's paper are to be believed, there is no intention on the part of the Committee to hold hearings this coming week and that is entirely understandable because every institution and every community in the state has a stake in this bill, and I can understand the desire of the legislative leadership to get the matter resolved so they can move on to other matters.

Dr. Sirak:

Harold, do you have any further reading other than what's appeared in the paper--you probably don't--on what aspects of the health center--half of it's going to come out; theoretically you've got about \$85 million, roughly, tied up in this, and if they cut out \$45 million, does that mean they're going to cut out all of the health areas projects or do you have any idea of their priorities?

President Enarson:

I think it's obvious to the Board that we are in a difficult and awkward situation. It is true, we assume it to be true, that no final decisions have been made. Therefore, we are open to the charge of crying wolf. We also believe it to be true that there have, in fact, been very, very serious discussions and at least some tentative decisions along the lines indicated. Now, we do not have the text of any proposed drafts which would have--which would show the particular facilities that are being described. But again, if the newspaper accounts are to be believed--and I am not prepared to say that we believe them or disbelieve them--there was contemplation of very severe cuts of an order of magnitude which would have not only eliminated the proposed \$25 million cancer institute hospital--which in a sense could be thought of as a kind of next step in a progression--but cuts along the order of magnitude suggested would of necessity had to have included some \$7 - 7-1/2 million requested for radiation therapy and the \$4 million recommended for new facilities. Incidentally, on the latter, we of course are talking about matching funds with the federal government. Now I neglected to mention, I should have gotten it into the report, that about a year ago, as I recall, a site visit team representing the National Cancer Institute came through and their comments about radiation therapy were extremely critical. They made their case most persuasively and it was at that time with Dean Cramblett's help, we came to this Board and reported on this, and you may recall that we were a little bit late in the capital budget process, and we had been forced at an earlier date to submit our request to the Board of Regents. The Board of Regents, you will recall, had set a rough target of \$150 million capital improvements for the entire state. And so, the Board was understandably reluctant to even consider our late request. I don't think they

October 5, 1979 meeting, Board of Trustees

DISCUSSION - OSU'S CAPITAL IMPROVEMENTS PROJECTS (contd)

President Enarson: (contd)

were faulting it on substantive grounds, but they simply had a ceiling and anything that came in late couldn't be accommodated. We did report our problem to state officials including the office of the Governor, and of course that was included. I think it would be a crippling blow to us if we did not secure funds for radiation therapy, and I think it would be folly for the legislature not to appropriate \$4 million with the understanding that we would use it if and when we secured matching funds from the state--

Dr Sirak: Federal government.

President Enarson:

From the federal government. We have had enough of this business of not getting enough of our share of federal funds.

Dr. Sirak:

Harold, have you heard any more about the possibility of moving the cancer hospital to Cleveland? Is there any update on that?

President Enarson:

Well, I only know, as Will Rogers used to say, 'what I've read in the papers.'

Dr. Sirak: Well, I've read that too.

President Enarson:

Yes. The reports were that some amount, fairly substantial amount, had been promised to Cleveland. If that's true, there's real irony in this because their attention level wasn't sufficiently great to propose this until the discovery that the money might be appropriated to Columbus. I have my own views on that. I trust they are transparent.

Dr. Sirak:

Do we have a mechanism or do we have some plans--ongoing plan other than just publishing our feelings publicly like this--of reaching the powers that be at the legislature to make them understand, to better understand how important things like the cancer radiation therapy area is, the research lab is, and these things?

President Enarson:

The answer is 'yes' and let me recount briefly what we have done the moment these stories broke. We met with the Franklin County delegation and it was a very

October 5, 1979 meeting, Board of Trustees

DISCUSSION - OSU'S CAPITAL IMPROVEMENTS PROJECTS (contd)

President Enarson: (contd)

productive meeting I'm told (I was out of town at the time), and they promised all the help that they could give. Bill Napier and I were--requested--an appointment with Mr. Ocasek and did spend some time with him, and I sketched to the best of my ability the background and the history of our interest in the health sciences, where I thought we stood, and responded to all his questions. He, as I am sure you would guess, expressed deep concern about the total level of funding, and as I said in my written statement, that's not something the President has any business speaking to. I just expressed the hope that they'll give sympathetic consideration to what we were doing. Now we are in close, constant touch with the leadership and there'll be some further appointments honored early next week. But I think we all know something about the mysteries of Ohio politics and all votes are not free and equal. There is such a thing as leadership down there, and such a thing as followership.

Dr. Sirak:

Well, I'm speaking as a taxpayer. I'm saying that if the legislators feel that we don't have enough money to fund a budget of this magnitude and that we need to cut back, I don't have any great quarrel with that. As a matter of fact, I would kind of like to see it because I've seen so much of the other. But if they're going to move a sizable sum of money, say to build a cancer hospital or a portion of it up in Cleveland, I think that has to be construed as nothing more than just politics, really, and with no regard for need or usage or merit. The cancer radiation therapy unit is something that I think this institution needs badly because I think to some extent our accreditation turns on that; quality of our residency programs over there turn on that, certainly. It's something that's been ongoing, an ongoing need that's been expressed for quite a few years. I think this and certainly other areas--I just hope that this is made plain to Senator Meshel and Oliver Ocasek and other individuals that--

President Enarson:

I certainly concur and I have expressed the hope that consideration of the possible cancer institute hospital not be allowed to blur the separate and separable issue of the adequacy of current facilities--our adequacy to provide both patient care and instruction; and there can be no shadow of doubt about the inadequacy of our radiation therapy facilities.

Dr. Sirak:

Well, and things like our hospital renovation, something that ought to be done, and some of our other buildings too for that matter.

October 5, 1979 meeting, Board of Trustees

DISCUSSION - OSU'S CAPITAL IMPROVEMENTS PROJECTS (contd)

President Enarson:

Now as I indicated, one thing troubles me a great deal. I guess I'm sure we all feel strongly if there are to be cuts, they should be imposed equitably. Here we face a fairly tough situation. We are regarded as the big, rich fellow on the hill and legislators sometimes tend to look at the dollars being made available to each of the other eleven institutions and they see Ohio State getting, let's say, twice as much as X University and getting more than anyone else, and they say, 'well, let's take some money away from Ohio State.' They're overlooking the fact that we are five times as large as some of the smaller universities in the state, and I repeat the point as a rough kind of judgment if we don't get roughly one quarter we are really not getting our share. And again, we have a distinctive mission that in no way puts down the role of the other universities in the state; and I remind us that we are the land-grant university, and we are the only comprehensive university with the full range of programs here.

Dr. Sirak:

Do we know what the enrollment figures are for the other state universities--what the trend has been, for example, for Case Western or some of the other schools out of the twelve? Do we have those numbers? We know ours is going up.

President Enarson:

Well, I'll just say this, that some of the private universities of the state have great difficulty filling their freshman class, and there is some decline in some of those universities, but that's a matter of fact and not of speculation. Incidentally, I'd hoped to have some more definitive information on the enrollment for Ohio State for the fall quarter. As you will recall, we don't do the official count till the 14th day--or, more precisely, the official count for reimbursement purposes on the 14th day--but collecting all that data and getting it sorted out and getting a final figure that is truly final, takes us a bit of time. We think we are in good shape. I would like to reassure the Board on that score. Incidentally, there seems to have been a moderate increase in overall enrollment this year in public universities throughout Ohio and in some but not all of the private colleges and universities. If anybody has any suggestions as to what we can do; if we could only figure our equivalent of the two-minute play that Earle Bruce had up his sleeve that carried him down the field in one minute and forty-one seconds on national television, we'd love to do a spectacular on this.

Dr. Sirak:

I think one of the things you take from that is, do the opposite--you don't pass.

President Enarson: No comment.

--o--

October 5, 1979 meeting, Board of Trustees

AD HOC COMMITTEE FOR HEALTH AFFAIRS

Mrs. James:

There is one more item that I would like to bring to your attention before we adjourn. As you will recall, at the recommendation of the President, we established an Ad Hoc Committee for Health Affairs at our last Board meeting. In the interim, I have appointed members to that Committee as follows:

Daniel M. Galbreath, Chairman
Howard D. Sirak
Warren J Smith
Patricia D. James, Ex Officio

I think a pretty good indication of the Board's interest and concern in this matter is that the Committee has already met in its organizational kind of meeting and will meet again at the discretion of the Chairman in consultation with the President.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 80-37

RESOLVED, That the report on the University's Investment Portfolio, dated September 21, 1979, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

--o--

Thereupon the Board adjourned to meet Friday, November 30, 1979, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

Patricia D. James
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND FIFTY-SECOND MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, November 30, 1979

The Board of Trustees met at its regular monthly meeting on Friday, November 30, 1979, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Patricia D. James, Chairman, Howard D. Sirak, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens, Daniel M. Galbreath and Edmund C. Redman.

* * *

Minutes of the last meeting were approved.

* * *

November 30, 1979 meeting, Board of Trustees

The Chairman, Mrs. James, called the meeting of the Board of Trustees to order at 12:00 noon. She requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering personnel related issues.

Present: Patricia D. James, Chairman, Howard D. Sirak, John D. Jacob, D. James Hilliker, John F. Havens and Edmund C. Redman.

The meeting of the Board of Trustees reconvened at 1:30 pm.

RESOLUTIONS IN MEMORIAM

Resolution No. 80-38

Synopsis: Resolutions honoring the service of twelve of this 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.

Upon motion of Dr. Sirak, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Edmund D. Ayres

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 9, 1979, of Edmund D. Ayres, Professor Emeritus in the Department of Electrical Engineering.

After receiving the B.A. degree from Miami University in 1920 and the S.B. and S.M. degrees from the Massachusetts Institute of Technology in 1922 and 1923, Professor Ayres first spent seven years in industrial positions, with General Electric Company and with Jackson and Moreland, Engineers. From 1930 until 1942, he served on the faculty of the University of Wisconsin teaching electrical engineering and engineering economics. His tenure at the University of Wisconsin included five years as Chairman of the Department of Engineering Economics.

Professor Ayres' service to The Ohio State University began in 1942 and was continuous until his retirement in 1969. His principal teaching activities were concentrated upon engineering economics and power systems engineering. He was passionate in his belief that engineering graduates should be schooled in engineering economics. He fostered its inclusion in the curriculum at OSU and also worked through professional organizations for its inclusion in the curricula of other universities. In 1954, Professor Ayres co-authored a textbook, *Engineering Economics*, with Robert T. Livingston.

Professor Ayres typified the high ideals of scholarship and service which are the very cornerstones of a university's existence. He worked diligently and unceasingly to improve the

November 30, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Edmund D. Ayres (contd)

quality of his stewardship to his students. He used his off-duty quarter each year to improve his competence by working for one of a large number of electric utility companies. He also served as employment counselor and advisor for electrical engineering students, helping virtually countless numbers of new graduates and alumni to find suitable employment. Professor Ayres' service to his profession was also exemplary. At various times he held important positions in both local and national units of the American Institute of Electrical Engineers. He participated actively in the work of many other professional organizations as well.

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

Wilbur C. Batchelor

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 7, 1979, of Wilbur C. Batchelor, Professor Emeritus in the College of Social Work.

Dr. Batchelor was born May 6, 1890, in Canajoharie, New York. He was reared there and in New England. He attended Springfield (Massachusetts) College and received his bachelor of physical education degree in 1913. On a scholarship, he later went to Clark University, Worcester, Massachusetts, and earned his master of arts degree in psychology in 1919. In 1931 he received the honorary master of physical education degree from Springfield College, and in 1936 he earned the degree of doctor of education from the University of Pittsburgh. He was a member of the Alpha Kappa Alpha honorary fraternity and an honorary member of Alpha Phi Omega service fraternity.

Dr. Batchelor's broad professional experience included service as Professor of Physical Education and Hygiene and Director of Athletics, Rensselaer Polytechnic Institute, 1915-1920; Adjunct Professor of Education, Texas Woman's College and Texas Christian University, 1923-1925; Director of Recreation, City of Utica, New York, 1920-1923, and Fort Worth, Texas, 1923-1925; Director of Recreation, City of Pittsburgh and Board of Education, 1925-1935; Lecturer, Pennsylvania College for Women, Carnegie Institute of Technology and University of Pittsburgh, 1925-1935; Visiting Professor, University of Texas, summer of 1936.

Dr. Batchelor joined the faculty at The Ohio State University in 1935. He was a leading educator in the fields of social group work, youth services, and public recreation. He was a prolific writer and his work was published in many leading journals. He served on countless municipal, county, state, national and international commissions, associations and boards--often as a charter member--contributing to the future well-being of the American people.

November 30, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Wilbur C. Batchelor (contd)

Dr. Batchelor was a dedicated and respected leader in the development of parks and public recreation. Examples of his research and planning in this area exist throughout the United States. His retirement in 1960 marked more than 50 years as a pioneer in the development of the Social Settlement Movement Inter-racial Commissions, the YMCA, scouting, camping and hosteling. His influence was international in scope. He will long be remembered for his outstanding contributions. He will best be remembered as a warm, humorous human being and teacher who was an inspiration to his students.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Batchelor 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 which the family, the University and his many friends and associates have sustained.

Helen A. Cameron

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 5, 1979, of Helen A. Cameron, Professor Emeritus in the Department of Economics.

Helen A. Cameron was a long-term and effective member of the University family. She took three degrees here: B.A. in 1926, M.B.A. in 1955, and Ph.D. in Economics in 1960.

After raising her family, she engaged in a second career as a member of the economics faculty of this University beginning in 1960. Mrs. Cameron was an effective member of the instructional staff specializing in public finance. Her scholarship and writing resulted in the publication of several widely accepted books and monographs. In addition, she served on numerous occasions as a technical consultant on fiscal and public policy questions to both governmental and citizens' groups.

Dr. Cameron also was active in the work of several societies, serving as an officer in the Columbus Chapters of the American Association of University Women, the National Society of Arts and Letters and the American Statistical Association.

Dr. Cameron was an effective teacher, a productive scholar, and a faithful participant in the policy-formation process. Her contributions to this University and the community merit continued appreciation.

On behalf of the University community, the Board of Trustees expresses to the family of Helen A. Cameron 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 sincere appreciation of the Board's realization of the loss that the family, the University, and her many friends and associates have sustained.

November 30, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

John de Gara

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 26, 1979, of John de Gara, Professor Emeritus in the University Libraries.

Professor de Gara was born on February 9, 1901, in Debrecen, Hungary. He received a baccalaureate diploma from Presbyterian Gymnasium in Hungary and his doctor of philosophy degree from the University of Hamburg. His master's degree in library science was earned at Indiana University.

After World War II, Professor de Gara served as an official of the Hungary Ministry of Agriculture and was stationed in the French occupation zones of Austria and Germany. After coming to the United States, Professor de Gara served as an interpreter and as an instructor for the Air Force Language School at Indiana University. He became a naturalized citizen in 1956.

On February 1, 1957, Professor de Gara joined the staff of The Ohio State University Libraries, where he served as a cataloger until November 13, 1957, when he was named Head, Agriculture Library. He served in that position until his retirement on September 30, 1970.

His contributions to collection development and his continuing striving for improvements in library services for the students and faculty made him a valuable member of the University community.

On behalf of the University community, the Board of Trustees expresses to his wife, Margaret Wertheim, and to his son, John P. de Gara, 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 sympathy and respect.

Geza Freud

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 27, 1979, of Geza Freud, Professor in the Department of Mathematics.

Professor Freud was born on January 4, 1922, in Budapest, Hungary. He graduated from the Technical University of Budapest in 1950 with a Master of Science degree in electrical engineering. He obtained his Ph.D. degree in mathematics from the Academy of Sciences, Hungary, in 1954. From 1952 until 1974, Professor Freud headed the Approximation Theory Group at the Mathematics Institute of the Hungarian Academy of Sciences, Budapest. During this period, Professor Freud wrote over a hundred scientific works, among them a book entitled, *Orthogonal Polynomials*. For his efforts, Professor Freud was awarded several prizes.

Professor Freud taught at The Ohio State University from 1975 until his death in 1979. He had many graduate students and he played an important role in revitalizing classical

November 30, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Geza Freud (contd)

analysis in the Department of Mathematics. Professor Freud was dedicated to excellence in teaching, service and research, and made an outstanding impact on many of his pupils and colleagues.

On behalf of the University community, the Board of Trustees expresses to the family of Professor Freud 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 which the family and The Ohio State University have sustained.

Lowry W. Harding

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 16, 1979, of Lowry W. Harding, Professor Emeritus in the College of Education.

Dr. Harding, a native Virginian, received his Bachelor of Arts degree from Lynchburg College in 1929. He earned his Master of Arts degree from the University of Virginia in 1935. He was granted the Ph.D. degree from The Ohio State University in 1941, at which time he joined the faculty of the College of Education at Ohio State as Assistant Professor.

Prior to coming to Ohio State, he served as a teacher and an administrator in the public schools of Virginia. Dr. Harding was advanced to the rank of Associate Professor in 1944 and was promoted to Professor in 1950.

During World War II, Dr. Harding served 24 months with the United States Navy as a gunnery officer.

Lowry Harding served as a Visiting Professor at the College of William and Mary, University of Arkansas, Case Western Reserve University, Northwestern University and University of Virginia.

Dr. Harding was the author of numerous outstanding books and articles dealing with the improvement of teaching. He was a nationally known authority on the teaching of mathematics in the elementary school. As an editor of professional books in the field of education, he gained a reputation as a perceptive and conscientious educator. As a member of numerous school evaluation teams, he was instrumental in improving a score of school systems. He devoted many years of his life to the development of a comprehensive testing program for the improvement of the teaching of arithmetic.

On behalf of the University community, the Board of Trustees expresses to the family of Lowry W. Harding 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 sincere appreciation of the Board's realization of the loss that the family, the University, and his many friends and associates have sustained.

November 30, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

James V. Logan

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 25, 1979, of James V. Logan, Professor Emeritus in the Department of English.

Dr. Logan was born on June 25, 1901. He received the degree of bachelor of arts from Washington and Lee University in 1924, and the master's and doctor's degrees in English literature from Princeton University in 1927 and 1932 respectively. Before joining The Ohio State University faculty in 1935, he held appointments at Princeton, Eastern Kentucky State Teachers College, University of Pittsburgh, and Kansas State Teachers College (now Wichita State University). He was also a visiting professor of English at Northwestern University in 1949. He retired as Professor Emeritus in 1971.

Although the subject of his first book, published by the Princeton University Press in 1936, was the eighteenth-century English poet Erasmus Darwin, Dr. Logan was best known for his contributions to Wordsworth studies. In addition to articles and reviews, he was the author of *Wordsworthian Criticism: A Guide and Bibliography*, published by The Ohio State University Press in 1947, with a revised edition in 1961. He also edited a collection of essays entitled, *Some British Romantics*, published by the same press in 1966, and for a number of years was a contributor to the annual bibliography of scholarship in the romantic movement sponsored by the Modern Language Association of America.

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

John C. Morrow

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 2, 1979, of John Charles Morrow, Professor of Theatre in the College of the Arts.

Professor Morrow was born in Cleveland, Ohio, in 1934 and graduated from Kent State University in 1956 with a degree in speech and theatre. Following one year of high school teaching at Milan, Ohio, and two years of graduate study at the University of Wisconsin-Madison, he completed the degree of Doctor of Philosophy at The Ohio State University in 1963. He was appointed Assistant Professor in the same year and was promoted to Associate Professor in 1967. Six years later, in 1973, he received the rank of Professor.

During his twenty years of association with The Ohio State University, Professor Morrow was particularly noted for his work with the Theatre Research Institute (formerly called OSU Theatre Collection) for which he served as Managing Director for many years, and for his interest in international theatre research. He participated in two summer Shakespeare Institutes at Stratford-upon-Avon and led six summer research seminars to England and Scandinavia. He served on the Advisory Committee of the Center for Medieval and Renaissance Studies, on the Graduate Council, and for several years as chairman of the departmental graduate committee.

November 30, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

John C. Morrow (contd)

Professor Morrow directed numerous major productions in old University Hall, Stadium Theatre, Sullivant Hall, Hughes Hall, Stadium II, and Thurber Theatre. He was frequently called upon to stage productions in the central Ohio area and served as guest director at Players Theatre of Columbus, Otterbein College, and the Jewish Center. He directed *Murder in the Cathedral* in Saint Joseph Cathedral in Fall 1978 for the centennial celebration and in Spring 1979 received the Greater Columbus Arts Council award as honored artist of the year.

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

Henry L. Plaine

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 28, 1979, of Dr. Henry L. Plaine, Assistant Dean of the College of Biological Sciences and Professor in the Department of Genetics.

Dr. Plaine was born in Baltimore, Maryland, on September 3, 1925. He attended Baltimore Patterson Park High School and in 1943 entered the U. S. Army and served with distinction in the Medical Corps during World War II. He was awarded the Purple Heart, Bronze Star, and the Combat-Medic Medal in addition to regular campaign, service and victory medals. Following his service discharge he entered Johns Hopkins University and earned a B.A. degree in 1950 and a Ph.D. in 1954 with major emphasis in biology and genetics.

He was first employed at The Ohio State University in October, 1954, as an Assistant Professor in the Department of Zoology and Entomology and was promoted to Associate Professor in 1959. In 1968 he was promoted to Professor and appointed Assistant Dean of the College of Biological Sciences and served in this capacity until his death.

Dr. Plaine's membership in professional societies included the American Genetics Association, Genetic Society of America, American Society for Human Genetics, Sigma Xi, Society for the Study of Evolution and the Conference of Biological Editors. He was a Fellow of the American Association for the Advancement of Science and The Ohio Academy of Science.

His scientific career was best recognized by his pioneering research into the genetic damage caused by X-rays, where he employed the well-known fruit fly model system for his investigations. Dr. Plaine's research led to an early understanding of the mode of action of irradiation-induced genetic defects and this led to an early publication on the use of cysteine as a counteractant to irradiation-induced cell damage. He contributed numerous publications to scholarly journals. He served as Editor-in-Chief of *The Ohio Journal of Science* from 1956 through 1962 and as an editorial referee for the journal, *Genetics*.

November 30, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Henry L. Plaine (contd)

His later role as an administrator was characterized both by his dedicated service to undergraduate students as advisor to hundreds of biology majors and by his unique ability to skillfully administer the curricular affairs of the College.

On behalf of the University community, the Board of Trustees expresses to the family 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 sincere expression of the Board's realization of the loss which the family and The Ohio State University have sustained.

James E. Pollard

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 13, 1979, of Dr. James E. Pollard, Professor Emeritus in the School of Journalism.

Dr. Pollard devoted most of his life to The Ohio State University, first as a student and later as a staff and faculty member. A native of Pennsylvania, he held his bachelor's, master's and doctoral degrees from Ohio State. He served as a teaching assistant in the political science department in 1920-21, was director of Ohio State's News Bureau from 1923 to 1933, and joined the journalism faculty in 1932. He was acting director of the School of Journalism from 1934 to 1938, and director (the School's second) from 1938 to 1958. He served as University Historian from 1958 until his retirement from full-time duties in 1965, and from 1965 until his death served as a consultant to the Office of Educational Services.

While he was the author of some 15 books and innumerable articles, his *The Presidents and the Press*, a book published in 1947, was his best-known work. A detailed account of the relationships of presidents and the press from Washington until Franklin Roosevelt, the book won the 1947 Sigma Delta Chi Distinguished Service Award for research in journalism. It still is without peer in its field.

In 1955, Dr. Pollard was elected president of the American Association of Schools and Departments of Journalism, an organization of accredited journalism teaching units. He served as national president of Kappa Tau Alpha, honorary journalism fraternity, along with many other memberships in national organizations related to journalism and the freedom of information.

He was continually in the forefront of efforts to make American journalism better, and many students of his will remember his daily admonition to each class, "Accuracy, accuracy, accuracy." His own writings and teachings reflected that philosophy, and when Jim Pollard wrote or said something everyone could be certain it was as true as man could make it.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. James E. Pollard 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 sincere appreciation of the Board's realization of the loss that the family, the University, and his many friends and associates have sustained.

November 30, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Anne Stone Schorr

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 1, 1979, of Anne Stone Schorr, Instructor Emeritus in the Department of English.

Anne Stone Schorr received a Bachelor of Arts degree with a major in English from The Ohio State University in 1933. She taught in the Department of English from 1956 to 1967 when she joined the staff of Novice Fawcett, President of the University. In 1972 she rejoined the English faculty and taught until her retirement in 1975. Her special competence was in the teaching of composition and business writing.

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.

Herbert B. VanderPoel

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 1, 1979, of Herbert B. VanderPoel, County Extension Agent Emeritus.

Mr. VanderPoel was born October 12, 1899, in Springfield, Massachusetts. A Bachelor of Science in Agriculture degree was received from Syracuse University in 1922. Additional education with credit toward a Master of Science degree was secured from The Ohio State University, Iowa State College and Colorado State University.

Mr. VanderPoel served in the U. S. Army in 1918 and 1919 prior to enrolling in college. He taught vocational agriculture in Washington County from 1922 to 1943 prior to joining the American Red Cross as field director in Africa and Italy for two years. Mr. VanderPoel joined the faculty of The Ohio State University as a County Extension Agent in Washington County on June 1, 1946.

Mr. VanderPoel was a dedicated and highly respected agricultural leader in Washington County. He was well known and respected among his peers on the Extension faculty. He is remembered for his outstanding contributions to the agricultural industry, particularly in the area of vegetable production.

On behalf of the University, the Board of Trustees expresses to the family of Mr. VanderPoel 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 sincere appreciation of the Board's realization of the loss which the family, the University and his many friends and associates have sustained.

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November 30, 1979 meeting, Board of Trustees

BUDGET SUMMARY (FOURTH QUARTER, 1978-79)

Resolution No. 80-39

Synopsis: The Fourth Quarter Summary Report of the current funds budget is presented for review.

WHEREAS the Fourth Quarter report of the current funds budget for fiscal year ending June 30, 1979 is presented for review; and

WHEREAS it is noted that the actual budget/expenditures and income do not represent significant changes from those presented for the third quarter; i.e., the income varies from the third quarter estimates by 1.9 per cent and the budget expenditure figures by 0.3 per cent from the third quarter budget due primarily to greater activity of earnings and sponsored programs; and

WHEREAS the differences between budget/expenditures and income totals, due primarily to planned restoration of balances and capital expenditure replacements, were less than 0.8 per cent:

NOW THEREFORE

BE IT RESOLVED, That the budget report for the fourth quarter, including transfers to plant funds processed for the fiscal year ending June 30, 1979, be accepted.

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

THE OHIO STATE UNIVERSITY
CURRENT FUNDS BUDGET
ACTUAL EXPENDITURES/BUDGETS FOR 1978-79
(IN THOUSANDS)

	Estimated 1978-79	Actual 1978-79
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$145,961	\$145,367
Libraries	8,369	8,612
Other Academic Support	2,493	2,478
Sponsored Programs Administration	2,244	2,488
Student Services	7,990	7,834
Plant Operation	25,849	23,182
Institutional Support	15,249	16,193
Total Instruction and General	\$208,155	\$206,154
Sponsored Research		
Research Foundation	\$ 32,770	\$ 33,453
Engineering Experiment Station	2,093	2,086
University Sponsored Programs	916	1,120
Other	3,001	2,261
Total Sponsored Research	\$ 38,780	\$ 38,920

November 30, 1979 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
CURRENT FUNDS BUDGET
ACTUAL EXPENDITURES/BUDGETS FOR 1978-79
(IN THOUSANDS)

	Estimated 1978-79	Actual 1978-79
Columbus Campus (contd)		
Public Service		
University Hospitals	\$ 81,558	\$ 82,483
Cooperative Extension Service	20,139	19,871
University Sponsored Programs	2,422	2,729
Other	13,677	14,451
Conferences	2,535	2,611
Total Public Service	\$120,331	\$122,145
Student Aid	\$ 6,222	\$ 6,110
Auxiliaries		
Student Housing	\$ 19,302	\$ 19,246
Intercollegiate Athletics	8,254	8,998
University Bookstores	4,767	5,053
Student Health Service	2,384	2,384
Student Unions	2,474	2,687
Parking Facilities	2,572	2,611
University Airport	1,901	2,033
Fawcett Center for Tomorrow	1,514	1,612
Other	807	773
Total Auxiliaries	\$ 43,975	\$ 45,397
TOTAL COLUMBUS CAMPUS	\$417,463	\$418,726
Regional Campuses		
Administration	\$ 179	\$ 143
Lima Campus	2,291	2,506
Mansfield Campus	2,290	2,306
Marion Campus	1,353	1,351
Newark Campus	2,101	2,031
Agricultural Technical Institute	2,413	2,534
Wright-Patterson Graduate Center	125	117
TOTAL REGIONAL CAMPUSES	\$ 10,752	\$ 10,988
TOTAL ALL CAMPUSES	\$428,215	\$429,714
Construction and Equipment Reserves	-0-	\$ 5,500
GRAND TOTAL	\$428,215	\$435,214

November 30, 1979 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
CURRENT FUNDS BUDGET
SOURCES OF INCOME TO SUPPORT EXPENDITURES/BUDGETS FOR 1978-79
(IN THOUSANDS)

	Estimated 1978-79	Actual 1978-79
Columbus Campus		
Government Appropriations		
State of Ohio	\$143,070	\$143,394
Federal	56,670	57,932
Other	5,345	6,156
Subtotal	\$205,085	\$207,482
Student Fees		
Instruction and General	\$ 58,830	\$ 58,946
Room and Board	16,158	16,447
Other	2,887	3,081
Subtotal	\$ 77,875	\$ 78,474
Other Income		
Auxiliary Sales and Charges	\$ 98,461	\$100,293
Department and University Services	17,654	17,489
Endowment Income	3,637	3,940
Gifts and Grants	12,717	12,612
Temporary Investments	2,800	6,396
Subtotal	\$135,269	\$140,730
TOTAL COLUMBUS CAMPUS	\$418,229	\$426,686
Regional Campuses		
Lima Campus	\$ 2,623	\$ 2,592
Mansfield Campus	2,656	2,648
Marion Campus	1,552	1,518
Newark Campus	2,424	2,269
Agricultural Technical Institute	2,625	2,726
Wright-Patterson Graduate Center	125	97
TOTAL REGIONAL CAMPUSES	\$ 12,005	\$ 11,850
GRAND TOTAL	\$430,234	\$438,536

TRANSFERS TO PLANT FUNDS - FISCAL YEAR 1978-79

Account Description	Account Number	Transferred from Account Number	Amount
Unexpended Plant Funds - Capital:			
Optometry Addition	082003	011035	\$ (37,977.82)
		025505	(31,154.05)
Means Hall - ICU	082009	019000	156.29
Polo Field - Parking Lot	082010	016007	(87,096.32)
Hospital - ICU	082013	019000	11,018.00
Eleventh Avenue Ramp	082014	016007	400,000.00
East Stadium Research Space	082015	010000	(44,642.57)
Tennis Courts	082019	010000	(804.48)
Starling-Loving Remodeling	082020	019000	60,000.00
Eisenhower Hall Remodeling	082026	032990	(10,947.41)
Land Purchases	082027	010000	81,018.60
Traffic Signals	082030	016007	45,000.00
Finley Farm - Horse Barn	082033	011020	9,000.00
		011052	28,500.00
		033717	10,000.00
Veterinary Medicine - Fixed Equipment	082034	010000	589.85
Lima Campus - Metal Building	082035	010928	50,820.00
Weigel Hall	082037	010000	240,000.00
Zoology - Storage Building	082038	010000	20,100.00
		059279	2,500.00
Cancer Center	082039	010000	100,000.00
Total Unexpended Plant Funds - Capital			\$ 846,080.09
Unexpended Plant Funds - Renewals and			
Replacements:			
Garage - Temporary Vet Clinic	085036	010000	\$ (3,551.09)
Scott Hall Fire	085037	010000	(8,639.34)
Laundry Boiler	085044	014004	(9,982.00)
Goss Laboratory - Cancer Facility	085045	010000	(1,462.08)
Administration Building - Remodeling	085048	010000	(2,257.00)
Lima Campus - Remodeling	085050	010928	(394.97)
Page and Hagerty Halls	085059	010000	16,724.00
		034754	31,211.50
Lima - Phase II - Remodeling	085063	010928	(2,755.00)
Galvin Hall and Technical Lab	085064	010928	(14,257.00)
Public Safety Building	085067	016007	156,000.00
Mansfield Parking Area No. 5	085068	010942	(13,875.31)
Lincoln Tower - University Systems	085070	010000	(8,953.00)
Parking Lot Repairs	085071	010000	51,000.00
		016007	383,000.00

November 30, 1979 meeting, Board of Trustees

TRANSFERS TO PLANT FUNDS - FISCAL YEAR 1978-79 (contd)

Account Description	Account Number	Transferred from Account Number	Amount
Unexpended Plant Funds - Renewals and Replacements: (contd)			
Computer Design Lab	085072	010000	\$ 62,769.30
		012900	5,000.00
		033752	28,350.00
Baker Systems Engineering Building	085075	010000	(9,918.00)
Ramseyer Hall	085076	010000	36,431.00
Wiseman Hall	085077	010000	169,280.00
Galvin Hall Compressor	085078	010928	77,830.00
Larkins Hall Ventilation	085079	010000	32,151.00
Ohio Union Remodeling	085081	010000	75,503.00
Barnebey Center Improvements	085082	033136	10,000.00
Hagerty Hall Remodeling	085084	050193	4,000.00
		059282	34,851.00
Golf Course Bridge	085085	016019	18,424.14
Robinson Lab Remodeling	085086	010000	47,740.00
Sisson Hall Improvements	085087	010000	33,000.00
North Dormitories - Retrofitting	085088	016024	29,700.00
Lincoln Tower Remodeling	085089	010000	28,464.00
Johnston Lab - Phase I	085090	010000	30,000.00
Newark Parking Lots	085091	010971	60,559.00
Pole Barn Repair	085094	010000	7,679.00
		011052	13,061.00
		050110	5,800.00
Lima Parking Lots	085095	010928	97,252.00
Galvin Hall Remodeling	085096	010928	35,910.00
Lima Tennis Courts	085097	010928	24,545.00
McPherson Lab Remodeling	085098	010000	38,850.50
Graves Hall Remodeling	085100	010000	28,000.00
		032927	7,000.00
Total Unexpended Plant Funds - Renewals and Replacements			\$ 1,604,040.65
Reserves - Repairs and Replacements:			
Registration Services	086904	010000	\$ 1,239.00
Business and Administration	086905	010000	7,200.00
University Systems	086906	010000	3,610.00
Business Management	086907	010000	22,000.00
University Treasurer	086908	010000	(4,800.00)
Physical Facilities	086909	010000	119,307.35
Police	086910	010000	27,443.20
Construction Projects Contingency	086999	010000	4,000,000.00

November 30, 1979 meeting, Board of Trustees

TRANSFERS TO PLANT FUNDS - FISCAL YEAR 1978-79 (contd)

Account Description	Account Number	Transferred from Account Number	Amount
Reserves - Repairs and Replacements: (contd)			
Equipment Reserve Matching	086999	010000	\$ 1,500,000.00
Stores	086913	014001	30,300.00
Laundry	086914	014004	150,000.00
		014100	400,000.00
Office Equipment Repair	086915	014003	25,800.00
Printing Facility	086916	014002	161,200.00
Transportation	086917	014100	85,000.00
Bookstore	086918	014100	29,000.00
		016003	5,000.00
Physical Facilities - Improvements	086920	010000	(20,232.00)
		014011	65,000.00
		014110	38,686.09
University Airport	086921	011541	7,670.50
		016014	153,285.27
Fire Safety	086923	010000	(1,205.00)
Housing Commission No. 2	086925	016102	6,500.00
University Properties	086926	016300	1,200.00
Endowment Properties	086927	016350	18,400.00
North Campus Apartments	086928	016390	2,350.00
Property Management	086929	016015	2,250.00
University Properties - Improvements	086930	016300	7,900.00
Endowment Properties - Improvements	086931	016350	104,500.00
Housing Commission No. 1 - Improvements	086933	016101	20,000.00
Housing Commission No. 2 - Improvements	086934	016102	2,000.00
Drake Union	086935	016005	20,000.00
Ohio Union	086936	016020	20,000.00
Rathskeller	086939	014100	16,000.00
		016012	8,000.00
Food Facility - Improvements	086940	014006	10,000.00
		014100	12,000.00
Stores - Improvements	086943	014100	5,869.00
University Hospital - Capital Equipment	086995	019000	3,189,997.00
Total Reserves - Repairs and Replacements			\$10,252,470.41
Total Transfers to Plant Funds			\$12,702,591.15

TRANSFERS TO PLANT FUNDS - FISCAL YEAR 1978-79 (contd)

RECAP

Current General	010000	\$ 6,673,635.24
Current General - Regional Campuses	0109xx	315,633.72
Current General - Department Earnings	011xxx	20,253.68
Current General - EES	012900	5,000.00
Current General - Service Accounts	014xxx	1,018,873.09
Auxiliary Enterprises	016xxx	1,316,413.09
Hospital	019000	3,261,171.29
Current Restricted - Endowment	02xxxx	(31,154.05)
Current Restricted - Development Fund	03xxxx	75,614.09
Current Restricted - Other	05xxxx	47,151.00
Total		\$12,702,591.15
Current Unrestricted Funds		\$12,610,980.11
Current Restricted Funds		91,611.04
Total Transfers to Plant Funds		\$12,702,591.15

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BUDGET SUMMARY (FIRST QUARTER, 1979-80)

Resolution No. 80-40

Synopsis: First Quarter Budget Summary, 1979-80 is presented for review and acceptance.

This Budget Summary for the first quarter 1979-80 contains revised estimates of resource and expenditure/commitment projections as actual data have become available. Changes to the September, 1979 budget have been made to the core Unrestricted Fund estimates of the Columbus Campus representing revised projections of temporary investment income. Included with this budget, is a proposed change in the application fee charged to all foreign students for applications submitted for Spring, 1980. This fee change, an increase to \$25, is recommended to recognize the higher costs of processing these applications. Slight upward revisions in the Restricted Fund estimates reflect redistribution based on first quarter activity. The upward revisions in the auxiliary and earning operations income/expense projects reflect corrections in expected activity of Student Housing and University Airport operations.

WHEREAS the first quarter report of the 1979-80 Current Funds Budget, covering the period July through September, 1979, is presented for review by the Board of Trustees and its income/expense estimates deviate by less than one per cent from the 1979-80 budget approved by the Board in September, 1979; and

WHEREAS an increase in the application fee charged to foreign students is proposed to cover increased processing costs; and

WHEREAS the projected expenditures and commitments of the first quarter report for 1979-80 are supported by adequate income:

November 30, 1979 meeting, Board of Trustees

BUDGET SUMMARY (FIRST QUARTER, 1979-80) (contd)

NOW THEREFORE

BE IT RESOLVED, That the accompanying first quarter budget report be accepted, including the recommended application fee change.

Upon motion of Dr. Jacob, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

**THE OHIO STATE UNIVERSITY
1979-80 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1979-80
(IN THOUSANDS)**

	Budget Approved September 7, 1979	Proposed Revised Budget
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$158,295	\$159,600
Libraries	9,865	10,195
Other Academic Support	2,936	2,936
Sponsored Programs Administration	2,639	2,639
Student Services	9,168	9,243
Plant Operation	29,267	28,922
Institutional Support	17,293	17,818
Total Instruction and General	\$229,463	\$231,353
Sponsored Research		
Research Foundation	\$ 34,935	\$ 34,935
Engineering Experiment Station	1,890	1,890
University Sponsored Programs	958	983
Other	3,000	3,000
Total Sponsored Research	\$ 40,783	\$ 40,808
Public Service		
University Hospitals	\$ 89,854	\$ 89,854
Cooperative Extension Service	20,887	20,887
University Sponsored Programs	2,714	2,739
Other	14,476	14,526
Conferences	2,694	2,694
Total Public Service	\$130,625	\$130,700
Student Aid	\$ 6,542	\$ 6,557

November 30, 1979 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1979-80 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1979-80
(IN THOUSANDS)

	Budget Approved September 7, 1979	Proposed Revised Budget
Columbus Campus (contd)		
Auxiliaries		
Student Housing	\$ 21,334	\$ 21,584
Intercollegiate Athletics	10,119	10,119
University Bookstores	5,318	5,318
Student Health Service	2,611	2,611
Student Unions	2,698	2,698
Parking Facilities	3,009	3,009
University Airport	1,765	2,182
Fawcett Center for Tomorrow	1,669	1,669
Other	886	886
Total Auxiliaries	\$ 49,409	\$ 50,076
TOTAL COLUMBUS CAMPUS	\$456,822	\$459,494
Regional Campuses		
Administration	\$ 201	\$ 201
Lima Campus	2,549	2,549
Mansfield Campus	2,443	2,443
Marion Campus	1,504	1,504
Newark Campus	2,071	2,071
Agricultural Technical Institute	2,883	2,883
Wright-Patterson Graduate Center	100	100
TOTAL REGIONAL CAMPUSES	\$ 11,751	\$ 11,751
GRAND TOTAL	\$468,573	\$471,245

November 30, 1979 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1979-80 CURRENT FUNDS BUDGET
SOURCES OF INCOME TO SUPPORT 1979-80 BUDGET
(IN THOUSANDS)

	Estimated Income September 7, 1979	Revised Estimated Income
Columbus Campus		
Government Appropriations		
State of Ohio	\$160,871	\$160,871
Federal	59,250	59,400
Other	5,650	5,650
Subtotal	\$225,771	\$225,921
Student Fees		
Instruction and General	\$ 61,735	\$ 61,735
Room and Board	17,743	17,743
Other	3,058	3,058
Subtotal	\$ 82,536	\$ 82,536
Other Income		
Auxiliary Sales and Charges	\$110,476	\$111,143
Department and University Services	16,247	16,247
Endowment Income	4,226	4,226
Gifts and Grants	15,957	16,057
Temporary Investments	3,000	6,000
Subtotal	\$149,906	\$153,673
TOTAL COLUMBUS CAMPUS	\$458,213	\$462,130
Regional Campuses		
Lima Campus	\$ 2,850	\$ 2,850
Mansfield Campus	2,758	2,758
Marion Campus	1,719	1,719
Newark Campus	2,352	2,352
Agricultural Technical Institute	3,103	3,103
Wright-Patterson Graduate Center	100	100
TOTAL REGIONAL CAMPUSES	\$ 12,882	\$ 12,882
GRAND TOTAL	\$471,095	\$475,012

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November 30, 1979 meeting, Board of Trustees

DEGREES AND CERTIFICATES - AUTUMN QUARTER COMMENCEMENT

Resolution No. 80-41

Synopsis: Approval is being requested for awarding degrees and certificates for Autumn 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 the names of persons who have completed degree and certificate requirements in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on December 7, 1979, 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 Dr. Sirak, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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HONORARY DEGREE

Resolution No. 80-42

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, recommends to the Board of Trustees awarding of the honorary degree as listed below:

Robert M. Duncan

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 Dr. Sirak, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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November 30, 1979 meeting, Board of Trustees

**RENAMING OF ERNST & ERNST PROFESSORSHIP IN ACCOUNTING
TO ERNST & WHINNEY PROFESSORSHIP IN ACCOUNTING**

Resolution No. 80-43

Synopsis: Renaming of Ernst & Ernst Professorship in Accounting to Ernst & Whinney Professorship in Accounting is being recommended.

WHEREAS the Ernst & Ernst Professorship in Accounting was established by action of the Board of Trustees on February 3, 1978; and

WHEREAS the name of the firm has been changed from Ernst & Ernst to Ernst & Whinney, effective July 1, 1979:

NOW THEREFORE

BE IT RESOLVED, That the Ernst & Ernst Professorship in Accounting be officially re-named the Ernst & Whinney Professorship in Accounting to reflect this change.

Upon motion of Dr. Sirak, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**ESTABLISHMENT OF A PROGRAM LEADING TO A PH.D. DEGREE
IN LABOR AND HUMAN RESOURCES**

Resolution No. 80-44

Synopsis: Establishment of a program leading to a Ph.D. degree in Labor and Human Resources is presented for approval.

WHEREAS the Board of Trustees authorized the granting of the Bachelor of Science in Labor and Human Resources degree on January 9, 1976 and the Master of Labor and Human Resources degree on June 8, 1977; and

WHEREAS the Faculty of Labor and Human Resources has proposed a new program to be known as the Doctor of Philosophy in Labor and Human Resources; and

WHEREAS the Doctor of Philosophy program is designed to meet a demonstrated need for qualified candidates to fill research and teaching positions in colleges, universities, and other research-oriented institutions, and leadership positions in industry and government; and

WHEREAS The Ohio State University program will be the only program in this area of study which is available in the State of Ohio's colleges/universities:

November 30, 1979 meeting, Board of Trustees

**ESTABLISHMENT OF A PROGRAM LEADING TO A PH.D. DEGREE
IN LABOR AND HUMAN RESOURCES (contd)**

NOW THEREFORE

BE IT RESOLVED, That the recommendation of the University Senate for the establishment of a Doctor of Philosophy degree program in the field of labor and human resources be approved; and

BE IT FURTHER RESOLVED, That pursuant to section 3333.04(N) of the Revised Code, this proposal be forwarded to the Board of Regents for approval with the program to become operative upon approval by the Board of Regents.

Upon motion of Dr. Jacob, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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CREATION OF UNIVERSITY HOSPITALS BOARD

Resolution No. 80-45

Synopsis: An amendment to the Bylaws of the Board of Trustees creating a University Hospitals Board is proposed.

WHEREAS the Board of Trustees on September 7, 1979, created an ad hoc Committee on Health Affairs to review and make recommendations concerning the governance of University Hospitals; and

WHEREAS that Committee has reviewed the governance arrangements for the teaching hospitals of several universities and received the advice of university health sciences faculty and staff; and

WHEREAS that Committee has concluded on the basis of its studies that a Hospitals Board is desirable to assist the Board of Trustees in meeting its responsibilities for providing health care in University Hospitals:

NOW THEREFORE

BE IT RESOLVED, That Bylaw 3335-1-03 hereby is amended by adding thereto subsection (U) to read as follows:

3335-1-03 Administration of the university.

(U) University hospitals board.

- (1) The university hospitals board shall be responsible to the board of trustees for the oversight of patient care services in university hospitals.

November 30, 1979 meeting, Board of Trustees

CREATION OF UNIVERSITY HOSPITALS BOARD (contd)

The hospitals board shall be accountable through the vice president for health sciences, or other designee of the president, and the president to the university board of trustees. The bylaws of the hospitals board will be subject to the approval of the university board of trustees.

- (2) The hospitals board shall be comprised of three members of the university board of trustees and twelve other persons, selected from the general public who shall be appointed by the university board of trustees in consultation with the president.

BE IT FURTHER RESOLVED, That the attached *Policy Statement on University Hospitals Governance* hereby is approved as the basis for the creation of the University Hospitals Board, its bylaws, and its operating procedures; and

BE IT FURTHER RESOLVED, That the ad hoc Committee on Health Affairs, in consultation with the President, hereby is charged with taking actions necessary to implement the preceding bylaw change.

Mr. Smith:

I believe from my own standpoint, I'll leave it to our Chairman as to how he wants to handle it. The Educational Affairs Committee reviewed it this morning.

President Enarson:

I think at the risk of stating the obvious, we all perceive this as an extremely important step on a very important matter, and I am pleased to recommend to the Board the amendment of the Bylaws as shown here.

Mr. Galbreath:

Madam Chairman, if anybody would like further elaboration on this, I will be more than glad to speak to it. We've been meeting; I don't know how many meetings we have had, but we've had quite a few. Bill Vandament has given us a great deal of guidance by comparing our proposed direction with what has already taken place at some other similar institutions and boards. We've met with many groups from the University Hospitals to counsel with them and ask for their judgment and support. So this has not, certainly, been a quickly or hastily put together program, but your committee feels very strongly and unanimously, quite obviously, that this is the route to go and I hope you can give us a platform for building an even finer institution.

Mrs. James:

Dr. Sirak or Mr. Smith, would you like to say something? I would like to say that we certainly are grateful for the work that you have done with such dispatch and efficiency. We all are concerned about this issue and in our charge to the committee we wanted to get this addressed and get it worked out as quickly as possible so

CREATION OF UNIVERSITY HOSPITALS BOARD (contd)

Mrs. James: (contd)

that we can move forward. We certainly want to thank Dr. Vandament, Provost Reynolds and Dr. Cramblett, in addition to the President, for their help and support in our efforts. We realize that this is not the end of our work, but it is a good beginning.

Mr. Galbreath:

We would have one more thing. Because of the significance of this the question might arise, 'What's next?' At the meeting this morning, we were further charged with the responsibility of going the next step which is now to begin to develop bylaws for this governing board, and the constituency of the Board--whether they come from the community at large or from around the state. So there is still a great deal to be done, but this puts it on the table that we believe strongly that this is the route we should go.

Upon motion of Dr. Sirak, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

POLICY STATEMENT ON UNIVERSITY HOSPITALS GOVERNANCE

1. A University Hospitals Board will be created to oversee the quality and cost containment of patient care services in University Hospitals. This Board will also advise the University Board of Trustees on such matters as the Hospitals capital plans and its Current Funds Budget, all of which will be subject to periodic review by the Board of Trustees.
 - a. The Hospitals Board will be composed of three members of the OSU Board of Trustees and 12 citizens from the general public (citizen members), all appointed by the OSU Board of Trustees in consultation with the President of the University. No employee of the University shall be eligible for Board membership.
 - b. Insofar as feasible, the selection criteria will ensure that the Hospital Board membership will include persons with business expertise, persons with legal expertise, persons with knowledge of health care issues, and persons who can assist the Hospitals in its relations with the public and governmental entities. Selection processes will incorporate the affirmative action policies of the University.
 - c. The standard terms of the 12 citizen members will be three years. Of the original 12 such members, four will be appointed for three years, four will be appointed for two years, and four will be appointed for one year. At the discretion of the OSU Board of Trustees, any citizen member may serve two consecutive terms. Original members with two- or one-year initial appointments may serve two full terms in addition to the initial partial terms.

POLICY STATEMENT ON UNIVERSITY HOSPITALS GOVERNANCE (contd)

- d. In addition to the Hospitals Board members, the following will participate in deliberations at the Board's request, and will receive agenda and minutes, and will be invited to submit agenda items:
- Director of University Hospitals
Members, Council of Health Sciences Deans
Medical Director of University Hospitals
Chief, Hospitals Medical Staff, or equivalent position
- e. The Vice President for Health Sciences will serve as the University's primary administrative contact with the Hospitals Board and will assist the Chairman of the Board in establishing the agenda for Board meetings.
- f. The Director of University Hospitals will serve as the non-voting secretary to the Board and provide staff services for the Board.
2. The Hospitals Board will be delegated authority permissible under Ohio law. It is understood that the University Board of Trustees cannot delegate its ultimate duties and responsibilities for governing the Hospitals, including those for the fiscal health of the University Hospitals, its personnel policies, or the definition of the Hospitals' mission. The Hospitals Board will have responsibilities to the Board of Trustees in the following areas:
- a. Oversight of patient services, including admissions and quality assurance policies and practices developed by the Hospitals' staff.
- b. Oversight of relationships with outside agencies, both private and public.
- c. Oversight of Hospitals' compliance with federal and state laws.
- d. Oversight of Hospitals' accreditation process.
- e. Approval of Medical, Dental, and Hospital Pharmacy Staff appointments, clinical privileges, and disciplinary actions upon the recommendation of the appropriate official.
- f. Approval of Medical Staff bylaws.
- g. Review of current funds and capital budgets prior to their submission to the OSU Board of Trustees by the University President.
- h. Recommendations to the Vice President for Health Sciences on matters of institutional income and expenditures, fees for institutional services, and utilization of Hospitals' services.

The Hospitals Board may choose to have a periodic review of Hospitals activities by a Board of Visitors. The Visitors, consisting of persons of national eminence in the health care field, would be selected in consultation with the President of the University.

POLICY STATEMENT ON UNIVERSITY HOSPITALS GOVERNANCE (contd)

3. To ensure that the OSU Board of Trustees meets its governance obligations as specified by Ohio law (See Am. Sub. H.B. No. 204, Sec. 121), the Hospitals Board will be accountable through the Vice President for Health Sciences and the President to the Board of Trustees. In the absence of a Vice President for Health Sciences, the President will designate an officer of the University administration who will be accountable to him directly for the operation of the Hospitals.
 - a. The appointment of the Director of University Hospitals will be approved by the OSU Board of Trustees upon recommendation of the President of the University following consultation with the Hospitals Board.
 - b. Recommendations and reports of the Hospitals Board that require OSU Board of Trustees' approval will be communicated through the Vice President for Health Sciences and the President of the University to the OSU Board of Trustees.
 - c. The OSU Board of Trustees will continue to hold the President of the University responsible for the conduct of the academic programs and for ensuring that the Hospitals are operated in a manner consistent with University and State policies.
4. The OSU Board of Trustees will adopt a mission statement for the University Hospitals which defines the University's expectations regarding: (a) the patient care activities of the Hospitals, and (b) the Hospitals' role in its teaching and research programs. This statement will be developed initially by the ad hoc Committee on Health Affairs of the OSU Board of Trustees with advice from the Council of Health Sciences Deans, the Acting Vice President for Medical Affairs, and the Executive Committee of University Hospitals. Subsequent revisions to this mission statement will be prepared by the University administration, following consultation with the Hospitals Board, for submission to the OSU Board of Trustees for approval.

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DEFINITION OF REGULAR EMPLOYEE VERSUS STUDENT-EMPLOYEE STATUS

Resolution No. 80-46

Synopsis: Definition of regular employee versus student-employee is proposed.

WHEREAS regular employment is defined as employment which is continuous in nature with the University and carries with it the term "regular appointment" and customarily requires the services of an individual on a regularly scheduled and continuing basis; and

WHEREAS an individual who is employed by the University but whose association with the University relates primarily to the pursuit of an academic program has traditionally been regarded as a student-employee; and

November 30, 1979 meeting, Board of Trustees

**DEFINITION OF REGULAR EMPLOYEE VERSUS
STUDENT-EMPLOYEE STATUS (contd)**

WHEREAS there is a need to establish a more definitive policy about University-paid benefits entitlements of regular employees who are also enrolled as full-time students of the University:

NOW THEREFORE

BE IT RESOLVED, That effective April 1, 1980 regular employees who are also enrolled as students in degree-granting or other credit programs of the University for more than eight (8) hours as undergraduate students or more than six (6) hours as graduate students in any one quarter shall be classified as student-employees, and as such shall be ineligible for University-paid benefits with the exception of the Employee Fee Reimbursement program; and

BE IT FURTHER RESOLVED, That exception to this policy may be made for regular employees with five years or more of service upon recommendation of the appropriate administrative official and concurrence of the Office of Personnel Services.

Upon motion of Mr. Hilliker, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY

Resolution No. 80-47

Synopsis: Approval of amendments to Rules of the University Faculty (3335-5-02 and 3335-5-04) is 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 *Rules of the University Faculty* as approved by the University Senate:

3335-5-02 Appointments and continuing employment; conditions upon.

Investigation of allegations of membership resulting from fifth amendment privileges would be beyond the scope of the faculty hearing committee and invocation of the fifth amendment is not an admission of membership in organizations which advocate the overthrow of the government of the United States.

3335-5-04 Hearing procedures for complaints against regular and auxiliary faculty members.

The failure of a faculty member to meet faculty obligations for reasons of physical or mental disability should be dealt with as fairly and humanely as possible;

AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

and decisions to terminate an appointment, to arrange early retirement or to change the assignment of duties of a faculty member for medical reasons should occur after appropriate consultation with the faculty member.

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to *Rules of the University Faculty*, as approved by the University Senate on June 2, 1979, be adopted by the Board of Trustees for inclusion in the next publication of the *Rules of the University Faculty*.

Upon motion of Mr. Smith, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

RULES

3335-5-02 Appointments and continuing employment; conditions upon.*

- (C) In defense of the freedom of those who teach and those who learn, and of the governmental system upon which such freedom is dependent, the conditions hereinafter set forth shall govern all initial appointments and continuing employment by the university.
- (D) It shall be sufficient cause for the removal of any officer, teacher or employee of the university, pursuant to the procedures set forth in rule 3335-5-04 of the Administrative Code, that such officer, employee, or teacher advocate, or have membership in an organization which is generally known to advocate the overthrow of the government of the United States, or of the state of Ohio, by force, violence or other unlawful means. (Reference is made to the provisions of section 124.36 of the Revised Code.)

3335-5-04 Hearing procedures for complaints against regular and auxiliary faculty members.*

(A) Definitions and construction.

- (6) Allegations of gross or serious incompetence (hereinafter "incompetence") shall be judged by reference to the qualities and conditions under which tenure is customarily established at this university, to wit: competence with respect to teaching, service, and research. Accordingly, gross or serious incompetence shall refer to a faculty member's failure to meet his defined faculty obligations.
- (7) In cases of presumed physical or mental disability, decisions to terminate a tenured appointment, or a non-tenured appointment before the end of the appointment, for medical reasons will be based upon clear and convincing

* Rule initiated by board of trustees.

RULES (contd)

medical evidence. A decision to terminate an appointment to change the assigned duties of the faculty member or to arrange retirement because of medical reasons will be reached only after there has been appropriate consultation and the faculty member or his representative has been informed of the basis for the proposed action, and has been afforded an opportunity to present the position of the faculty member and to respond to the evidence. If the faculty member so requests, the evidence will be reviewed by the faculty hearing committee before a final decision with regard to termination or retirement is made by the board of trustees upon the recommendation of the president of the university. A similar right shall be afforded to the faculty member before a permanent change in duties is instituted for medical reasons. This shall not, however, prohibit a temporary and immediate reassignment of duties where clear danger exists to the faculty member or the university because of physical or mental impairment.

- (8) Complaints alleging grave misconduct shall refer only to activities that, if proved, seriously impair a faculty member's effectiveness in meeting his defined teaching, service, and research obligations.
 - (9) The designation department chairman in this rule includes academic faculty chairman, division chairman, and school director.
- (E) The faculty hearing committee.
- (6) At the conclusion of the proceedings, the hearing panel shall make separate written findings of fact and a recommendation as to a sanction, if any, to be imposed pursuant to paragraph (H) of this rule. Such findings of fact and recommendation, together with a complete transcript of the proceedings, shall be transmitted to the president of the university and to the respondent.
- (G) Board of trustees.

The board of trustees, in reviewing and deciding upon a dismissal case, has the ultimate authority to take that action necessary to promote the best interest of the university and to protect the rights of the individual. The board, based on a review of the record of the hearing panel, may accept or reject any recommendation of the president, or may sustain, revoke or modify any action taken by the president.

- (1) If the president recommends termination, the board may approve the recommendation, disapprove the recommendation and dismiss the complaint, or disapprove the recommendation and modify the sanction subject to paragraph (G) (2) of this rule.
- (2) If the board rejects a recommendation of termination, it shall state its reasons in writing and provide an opportunity for the president, the respondent, and the hearing panel to respond thereto in writing.

RULES (contd)

- (3) Should the president dismiss a complaint against a respondent, or impose a sanction less than termination, the board, or any committee thereof, may on its own motion review the matter and request written or oral statements of their respective positions from the president, the respondent, and the hearing panel.
 - (4) In reviewing and deciding on dismissal cases, the board shall give the respondent an opportunity to present to it arguments in writing, or in person or both.
- (H) Sanctions applicable to established cases of incompetence or grave misconduct.

Sanctions shall be selected from the following:

- (1) Recorded censure, administered by the dean of the college or the provost. This sanction shall be applied only in those cases involving unusually strong mitigating circumstances of exceptionally persuasive character.
- (2) Termination of employment, recorded and administered by the provost. Such termination shall be guided by the following requirements for payment of salary and notice of termination: at least three months, if the final decision is reached by March 1 (or three months prior to the expiration) of the first year of probationary service; at least six months, if the final decision is reached by December 15 of the second year (or after nine months but prior to eighteen months) of probationary service; at least one year, if the decision is reached after eighteen months of probationary service or if the faculty member has tenure. (These provisions need not apply if the grounds justifying the dismissal involve conduct which would invoke general condemnation by the academic community.)

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**ESTABLISHMENT OF A POSITION OF VICE PRESIDENT FOR
UNIVERSITY DEVELOPMENT**

Resolution No. 80-48

Synopsis: Establishment of a position of Vice President for University Development is being proposed.

WHEREAS there is a need for recognition of the chief fund-raiser for the University as a major officer of the University:

NOW THEREFORE

BE IT RESOLVED, That there shall be established a position of Vice President for University Development who shall be responsible for fund raising, including individual, corporate and foundation giving; and

November 30, 1979 meeting, Board of Trustees

**ESTABLISHMENT OF A POSITION OF VICE PRESIDENT FOR
UNIVERSITY DEVELOPMENT (contd)**

BE IT FURTHER RESOLVED, That the appropriate changes to the *Bylaws of the Board of Trustees* and the *Rules of the University Faculty* shall be made to effect the changes set forth above.

3335-1-03 Administration of the university.

(P) Vice president for university development. The major area of responsibility and authority of the vice president for university development shall be that of general fund-raising activities. Without limiting the generality of the foregoing, the vice president for university development shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for management and direction of fund raising, including individual, corporate and foundation giving.

3335-3-151 Vice president for university development.*

(A) The vice president for university development shall be the executive head of the office of university development.

(B) The major area of responsibility and authority of the vice president for university development shall be that of general fund-raising activities. Without limiting the generality of the foregoing, the vice president for university development shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for management and direction of fund raising, including individual, corporate and foundation giving.

(C) The principal administrative officials of the office of university development shall include such associates as may be authorized from time to time. (B/T 11/30/79)

*Rule initiated by board of trustees.

Upon motion of Dr. Sirak, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PERSONNEL ACTIONS

Resolution No. 80-49

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Retirement, Appointment, Leaves of Absence Without Salary, and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the October 5, 1979 meeting of the Board, including the following Retirement,

November 30, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointment, Leaves of Absence Without Salary, and Emeritus Titles as detailed in the University Budget for 1979-80, be approved.

Retirement

C. EUGENE MAYNARD, Dean and Director, Marion Campus, has announced his intention to retire effective January 31, 1980.

Appointment

Name:	FRANCIS E. HAZARD
Title:	Dean and Director, Marion Campus
Effective:	February 1, 1980
Salary:	\$40,080.00 (12 months)
Present Position:	Dean, Kent State University, Tuscarawas Campus, New Philadelphia, Ohio

Leaves of Absence Without Salary

JERROLD R. VOSS, Professor and Chairman, Department of City and Regional Planning, effective January 1, 1980 through December 31, 1980, to accept post as Deputy Director of Research and Development for the United Nations Center for Human Settlements.

DONALD E. JOHNSTON, Professor, Department of Entomology, effective October 16, 1979 through October 31, 1979, to serve as a Visiting Professor at Cornell University.

EARL FINBAR MURPHY, Professor, College of Law, effective January 1, 1980 through June 30, 1980, to serve as a Visiting Professor at the University of Arizona.

HANS J. ZASSENHAUS, Professor, Department of Mathematics, effective October 1, 1979 through December 31, 1979, to accept a Senior U. S. Scientist Award to do research at the Universitat des Saarlandes.

MANSEL G. BLACKFORD, Associate Professor, Department of History, effective April 1, 1980 through December 31, 1980, to serve as Fulbright Lecturer at Kyushu University and Seinan Gakuin University in Fukuoka, Japan.

JOHN R. GRABNER, Associate Professor, Academic Faculty of Marketing, effective October 1, 1979 through December 31, 1979, to serve as a Visiting Professor at the University of British Columbia.

MARC C. RAPHAEL, Associate Professor, Department of History, effective October 1, 1980 through December 31, 1980, to assume a visiting appointment at Tel Aviv University, Israel.

November 30, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

DAVID L. STAMPE, Associate Professor, Department of Linguistics, effective January 1, 1980 through June 30, 1980, be changed to October 1, 1979 through March 31, 1980, to accept an NEH Fellowship for study in Europe.

R. M. WEATHERFORD, Associate Professor, Department of English, effective October 1, 1980 through September 30, 1981, to work on a bibliography dealing with materials on Western Travel and Exploration in the 19th Century.

MICHAEL ZWETTLER, Associate Professor, Department of Judaic and Near Eastern Languages and Literatures, effective April 1, 1980 through June 30, 1980, to accept a fellowship at the Institute for Advanced Studies of Hebrew University of Jerusalem.

LEILA RUPP, Assistant Professor, Department of History, effective January 1, 1980 through June 30, 1980, to accept a Radcliffe Research Scholar Award to pursue research on American feminism after 1945.

SUZANNE B. DE WOODY, Instructor, School of Nursing, effective October 1, 1979 through December 31, 1979, for personal reasons.

Emeritus Titles

ALVIN LLOYD MOXON, Department of Animal Science, with the title Professor Emeritus, effective September 1, 1979.

RICHARD H. ZIMMERMAN, Department of Mechanical Engineering, with the title Professor Emeritus, effective October 1, 1979.

MARVIN E. EASTER, Department of Aviation, with the title Assistant Professor Emeritus, effective October 1, 1979.

MARGUERITE M. WARREN, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective October 1, 1979.

Upon motion of Mr. Hilliker, seconded by Dr. Sirak, 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. 80-50

Synopsis: The reports on contracts, grants and gifts and the summaries for September and October are presented for Board acceptance.

November 30, 1979 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 Office of Business and Administration of the University, 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 agreements 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 Office of Business and Administration, the Engineering Experiment Station, and The Ohio State University Development Fund during the months of September and October 1979, be approved.

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

SUMMARY FOR SEPTEMBER 1979

Source	No. of Projects	Support Level
Office of Business and Administration	7	\$2,149,756.00
The Ohio State University Research Foundation	86	5,731,513.85
Engineering Experiment Station	2	8,700.00
		\$7,889,969.85
	July 1979	
The Ohio State University Development Fund	6,527 Donors	\$ 796,017.36
Establishment of Named Funds		
The Sidney L. Pressey Honors Program Endowment Fund (Support and assist University-wide honors program)		\$ 179,000.00

November 30, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR SEPTEMBER 1979 (contd)

Establishment of Named Funds (contd)

The Wayne and Jane Dalton Scholarship Fund (Scholarships - dairy science)	\$ 5,000.00
C. Emory and Frances C. Glander Fund (College of Law Library)	\$ 5,000.00
The Newman Endowed Scholarship in Forestry (Scholarships - forestry)	\$ 1,125.00

Report from Presidents Club

Members to date	3,209
1979: year to date	367
New members - September 1979	26

New Presidents Club Members - September 1979

Richard C. Baker	Russell M. Gertmenian
John R. Bay	Louan I. Hartley
David C. Bell	Thomas E. Hull
Ann M. Bercaw (Mrs. John)	Eugene F. Imbrogno
Josette Bianchine (Mrs. Joseph R.)	Mark T. Morrison
Donald E. Broehm	Kenneth D. Peterson
Rowland C. W. Brown	J. Alec Reinhardt
Paul H. Cunningham	Leann H. Riley
Thomas M. Ellis (In Memoriam)	Richard G. Roy
Cheryl A. Evans (Mrs. John)	Gerald E. Schlafman
Peter J. Fabri	Robert W. Schmidt
Edward L. Fox	Leah Shoemaker
John Gaylord	Thomas A. Snashall

November 30, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR OCTOBER 1979

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	81	\$4,659,325.62
Engineering Experiment Station	6	196,604.00
		\$4,855,929.62
August 1979		
The Ohio State University Development Fund	3,547 Donors	\$ 943,873.00

Establishment of Named Funds

The June Purcell and Arthur Guild Loan Scholarship Fund (College of Law)		\$ 29,479.03
Earl B. Poling Graduate Research Fellowship in Agricultural Economics (Undergraduate scholarships/ graduate research - Agricultural Economics and Rural Sociology)		\$ 20,000.00
The Cathleen M. Murnane Travel Scholarship Fund (Graduate students - History of Art)		\$ 5,127.00
Dr. Floyd M. Beman Fund (Research, fellowship training, and patient care in gastroenterology)		\$ 5,000.00
The Blaydes-Meyer Fund (Graduate fellowships - Botany)		\$ 5,000.00

November 30, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR OCTOBER 1979 (contd)

Establishment of Named Funds (contd)

Walter W. Seifert Award (Outstanding student - OSU Chapter of the Public Relations Student Society of America)	\$ 5,000.00
Thomas E. Rardin Family Practice Center Fund (Construction and maintenance of a designated family practice center)	\$ 4,155.00
The Optometry Class of 1953 Endowed Scholarship Fund (Scholarships - College of Optometry)	\$ 3,425.30

Report from Presidents Club

Members to date	3,239
1979: year to date	397
New members - October 1979	30

New Presidents Club Members - October 1979

Bishop	Carol Ann Hall (Mrs. James)
Caryn Sue Bloomberg (Mrs. Leroy B.)	Charles L. Kantner
James E. Brown	James M. Mills
William Bussey	Stanley E. Peterson
Robert E. Colliver	Allen D. Puppel
Charles R. Conroy	H. Paul Quicksall
Theodore W. Coons	Jenna Nell Ruff
Wayne Dalton	E. Rosalene Sedgwick (In Memoriam)
Mary Ann Edwards	Charles E. Seiberling
T. William Evans	Jack P. Smith
Julia Faye Farmer	Robert R. Smith
Margaret M. Fouts (Mrs. Michael)	Jean V. Speidell
Thomas W. Gigliotti	Ronald L. Stuckey
Harry Goldstein	Peter J. Utrata
Berndt H. Gros	Charles H. Walker

November 30, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

FIRST QUARTER SUMMARY

July 1, 1979 through September 30, 1979

OFFICE OF BUSINESS AND ADMINISTRATION

Source	No. of Projects	Support Level
FEDERAL		
Student	6	\$2,103,746.00
Training	2	112,250.00
Construction	1	724,000.00
TOTAL - FEDERAL	9	\$2,939,996.00
STATE OF OHIO	15	3,008,623.61
OTHER NON-FEDERAL	2	176,516.00
GRAND TOTAL	26	\$6,125,135.61

November 30, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

FIRST QUARTER SUMMARY

July 1, 1979 through September 30, 1979

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Source	No. of Projects	Support Level
FEDERAL		
Department of Energy	6	\$ 170,872.00
National Aeronautics and Space Administration	7	247,341.00
National Science Foundation	37	1,702,720.00
Department of Defense	13	603,528.00
Department of Health, Education and Welfare	100	8,158,345.00
Other Federal	33	2,521,589.00
TOTAL - FEDERAL	196	\$13,404,395.00
STATE OF OHIO	18	\$ 1,030,732.00
INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL SPONSORS	81	\$ 2,456,306.78
GRAND TOTAL	295	\$16,891,433.78

November 30, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

FIRST QUARTER SUMMARY

July 1, 1979 through September 30, 1979

ENGINEERING EXPERIMENT STATION

Source	No. of Projects	Support Level
FEDERAL	1	\$ 1,700.00
STATE OF OHIO	2	38,859.00
INDUSTRIAL AND OTHERS	106	436,102.00
TOTALS	109	\$466,661.00

November 30, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

FOURTH QUARTER SUMMARY

April 1, 1979 through June 30, 1979

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Donors	No. of Donors	Support Level
ANNUAL GIVING		
Direct Mail	2,517	\$ 49,474.51
Annals	4,224	83,956.42
Miscellaneous	13,558	358,645.03
Community Campaigns	13	195.00
Corporate Matching Gifts	116	45,876.93
TOTAL	20,428	\$ 538,147.89
MAJOR RESOURCES		
Deferred Gifts	22	\$ 757,660.77
Major Individuals	852	1,055,773.50
Corporate	702	1,286,376.10
Foundations	123	151,536.10
TOTAL	1,699	\$3,251,346.47
GRAND TOTAL	22,127	\$3,789,494.36

November 30, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Contracts/Grants

\$845,834.00 - Department of Health, Education and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Hyattsville, Maryland, Health Professions Capitation Grant Program, College of Medicine, October 1, 1979 through September 30, 1980. (Grant No. 5E03MB15116-14)

\$664,274.00 - Department of Health, Education and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Hyattsville, Maryland, Health Professions Capitation Grant Program, College of Dentistry, October 1, 1979 through September 30, 1980. (Grant No. 5E03MB15309-14)

\$317,140.00 - Department of Health, Education and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Hyattsville, Maryland, Health Professions Capitation Grant Program, College of Veterinary Medicine, October 1, 1979 through September 30, 1980. (Grant No. 5E03MB15704-10)

\$139,318.00 - Department of Health, Education and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Hyattsville, Maryland, Health Professions Capitation Grant Program, College of Pharmacy, October 1, 1979 through September 30, 1980. (Grant 5E03MB1560810)

\$108,270.00 - Department of Health, Education and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Hyattsville, Maryland, Nursing Capitation Grant Program, School of Nursing, July 1, 1979 through June 30, 1980. (Grant 2 E04 NU01080-08)

TOTAL - FEDERAL CONTRACTS/GRANTS

\$2,074,836.00

State of Ohio Contract/Grant

\$55,000.00 - State of Ohio, Department of Education, Division of Elementary and Secondary Education, Columbus, Ohio, to provide in-service education focusing on nutrition education for teachers (K-6, secondary home economics, science and health), school librarians, guidance counselors and food-service managers in all public schools in thirteen counties in Central Ohio, College of Education, October 1, 1979 to September 30, 1980.

Other Non-Federal Contract/Grant

\$19,920.00 - The Ohio Education Association, Columbus, Ohio, Professional Development Workshops for 1979-80, College of Education, October 1, 1979 to June 30, 1980.

November 30, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$439,757.00 Environmental Protection Agency, Chicago, Illinois, Limnological Studies to Determine the Nearshore Chemical, Physical and Biological Water Quality of Western Lake Erie from Huron, Ohio, to the Detroit River, Center for Lake Erie Area Research (C. E. Herdendorf) and Department of Civil Engineering (R. C. Stiefel), 28 August 1979 through 27 December 1980. (Project 761845 - New)

\$347,039.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., ERIC (Educational Resources Information Center) Clearinghouse on Career Education, National Center for Research in Vocational Education (R. E. Taylor), 14 September 1979 through 13 September 1980. (Project 760890 - Continuation)

\$325,300.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Cancer Center Support Grant, Cancer Research Center (D. S. Yohn), 1 July 1979 through 30 June 1980. (Project 763976 - Continuation)

\$244,928.00 - Environmental Protection Agency, Cincinnati, Ohio, Field Verification of Methane Movement Functions and Methane Control Systems for Landfill, Department of Civil Engineering (C. A. Moore), 27 August 1979 through 26 December 1981. (Project 761848 - New)

\$182,209.00 - National Science Foundation, Washington, D. C., Socio-Behavioral Responses to Chemical Hazards, Department of Sociology (E. L. Quarantelli), 1 September 1979 through 31 August 1980. (Project 760714 - Continuation)

\$162,676.00 - Department of Health, Education, and Welfare, Office of Human Development, Developmental Disabilities Office, Chicago, Illinois, UAF Administration, Nisonger Center for Mental Retardation (M. J. Guralnick), 30 June 1979 through 29 June 1980. (Project 760751 - Continuation)

\$149,500.00 - Department of Agriculture, Science and Education Administration, Washington, D. C., Effect of Intramammary Vaccination During the Non-Lactating Period on the Incidence of Bovine Udder Infections and Milk Productivity, Department of Veterinary Preventive Medicine (S. P. Targowski), 3 August 1979 through 30 September 1982. (Project 761885 - New)

\$143,732.00 - Department of Labor, Office of Procurement, Washington, D. C., Hearing Losses of Federal Employees, Department of Communication (E. J. Hardick) and Department of Otolaryngology (W. Melnick), 25 September 1979 through 4 October 1980. (Project 761897 - New)

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$124,909.00 - Department of Agriculture, Science and Education Administration, Washington, D. C., Prevention of Parturient Hypocalcemia (Milk Fever) by the Active Metabolite of Vitamin D₃ (1,25-Dihydroxycholecalciferol), Department of Veterinary Pathobiology (C. C. Capen), 12 July 1979 through 30 September 1982. (Project 761803 - New)

\$123,750.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Division of Associated Health Professions, Hyattsville, Maryland, Graduate Programs in Health Administration, School of Allied Medical Professions (G. O. Johnson), 1 October 1979 through 30 September 1980. (Project 761329 - Continuation)

\$110,000.00 - Department of the Interior, Office of Surface Mining, Washington, D. C., Mining and Mineral Resources Research Institute - Annual Allotment, Engineering Experiment Station (C. Konya), 1 October 1979 through 30 September 1980. (Project 761894 - Continuation)

\$109,501.00 - Department of the Army, Army Medical Research and Development Command, Fort Detrick, Frederick, Maryland, Design and Analysis of Chronic Aquatic Tests of Toxicity, Department of Entomology (W. J. Collins), Department of Statistics (P. I. Feder), and Department of Zoology (R. F. Carline), 15 September 1979 through 14 September 1981. (Project 761860 - New)

\$100,000.00 - Agency for International Development, Agricultural/Nutrition Branch, Washington, D. C., Matching Formula Title XII University Strengthening Grant, Department of International Programs in Agriculture (M. G. Smith), 23 July 1979 through 22 July 1980. (Project 761863 - New)

\$99,678.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Studies of the Distribution, Disposition and Metabolism of Anti-neoplastic Agents, College of Pharmacy (L. Malspeis), 15 September 1979 through 14 September 1982. (Project 761876 - New)

\$90,118.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Hyattsville, Maryland, Expanded MEDIHC Effort - Allied Health Manpower Distribution Program, College of Medicine - Administration (M. V. Brown), 30 September 1979 through 29 September 1980. (Project 761854 - New)

November 30, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$75,604.00 - National Science Foundation, Washington, D. C., Synthesis and Isomerization Reactions of Novel Alicyclic Molecules, Department of Chemistry (L. A. Paquette), 1 September 1979 through 31 August 1980. (Project 761850 - Continuation)

\$66,923.00 - National Science Foundation, Washington, D. C., The Planning Phase of a Welding Research Center, Department of Welding Engineering (R. B. McCauley), 1 October 1979 through 30 June 1980. (Project 761878 - New)

\$65,000.00 - Department of the Interior, Office of Surface Mining, Washington, D. C., Process for the Concurrent Production of Low-Volatile, Low-Sulfur Char and Synthesis Gas by Flash Carbonization, Engineering Experiment Station (C. Konya), 1 October 1979 through 30 September 1980. (Project 761891 - New)

\$62,524.00 - Department of the Interior, Office of Surface Mining, Washington, D. C., Mined Land Reclamation by Biological Reactivation, Department of Civil Engineering (C. Konya), 1 October 1979 through 30 September 1980. (Project 761889 - New)

\$61,000.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Study to Determine the IFR Operational Profile of the General Aviation Single-Pilot, Department of Aviation (G. S. Weislogel and G. C. Chapman), 12 September 1979 through 11 October 1980. (Project 761869 - New)

\$60,629.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Discrete Control Modelling of Small Teams, Department of Industrial and Systems Engineering (R. A. Miller), 1 October 1979 through 30 September 1980. (Project 761348 - Continuation)

\$55,292.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Spectroelectrochemistry of Bio-Electron Transfers, Department of Chemistry (T. Kuwana), 1 September 1979 through 31 August 1980. (Project 763359 - Continuation)

\$54,480.00 - Appalachian Regional Commission, Washington, D. C., Feeder Livestock Marketing Program in Appalachia, Ohio, Cooperative Extension Service/Field Operations (T. L. Jones), 1 July 1979 through 30 June 1980. (Project 761884 - New)

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$54,000.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Conduction Heat Transfer Analysis in Composite Materials, Department of Mechanical Engineering (L. S. Han), 1 November 1979 through 31 October 1980. (Project 761108 - Continuation)

\$52,800.00 - National Science Foundation, Washington, D. C., Structural Studies of Small Linear Cluster Models for Metal Surfaces and Catalysts, Department of Chemistry (G. G. Christoph), 1 September 1979 through 31 May 1980. (Project 761853 - New)

\$49,997.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., A Study of Alternative Computer Architectures for System Reliability and Software Simplification, Department of Electrical Engineering (K. J. Breeding), 1 November 1979 through 31 October 1980. (Project 760726 - Continuation)

\$49,984.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Health Clinical Center, Bethesda, Maryland, Volunteers for Participation in Medical Research Project, Department of Entomology (J. D. Briggs) and Colleges of the Arts and Sciences - Administration (J. S. Siegman), 1 October 1979 through 30 September 1980. (Project 761886 - New)

\$48,899.00 - Department of the Interior, Office of Surface Mining, Washington, D. C., Fracture Mechanics and Structural Response Investigations Associated with Energy Response Recovery, Department of Engineering Mechanics (S. H. Advani and T. Richard), 1 October 1979 through 30 September 1980. (Project 761888 - New)

\$48,531.00 - Department of the Interior, Office of Surface Mining, Washington, D. C., Control of Air Blast and Excessive Ground Vibrations from Blasting by Use of Efficient Stemming, Department of Civil Engineering (C. Konya) and Department of Chemical Engineering (D. R. Skidmore), 1 October 1979 through 30 September 1980. (Project 761890 - New)

\$47,000.00 - National Science Foundation, Washington, D. C., Theoretical Nuclear Physics, Department of Physics (B. Mulligan), 1 September 1979 through 31 August 1981. (Project 761826 - New)

\$46,770.00 - Department of the Interior, Office of Surface Mining, Washington, D. C., Automated Blast Hole Logging and Design, Engineering Experiment Station (C. Konya), 1 October 1979 through 30 September 1980. (Project 761893 - New)

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$45,000.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Children's Planning Cohesion in Three Modes of Discourse: Interactive Speech, Dictation and Writing, Academic Faculty of Early and Middle Childhood Education (M. King) and Academic Faculty of Humanities Education (V. Rentel), 1 September 1979 through 31 August 1980. (Project 761861 - New)

\$42,993.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Division of Associated Health Professions, Hyattsville, Maryland, Instructional Unit Development, School of Allied Medical Professions (R. J. Atwell and D. C. Broski), 1 October 1979 through 30 September 1980. (Project 761393 - Continuation)

\$38,000.00 - Agency for International Development, Washington, D. C., Financial Sector Assessments for U. S. AID/Bolivia, Department of Agricultural Economics and Rural Sociology (D. H. Boyne), 27 June 1979 through 30 November 1979. (Project 761881 - New)

\$37,460.00 - National Science Foundation, Washington, D. C., Natural History and Classification of the Cleroidea, Department of Entomology (G. Ekis), 15 September 1979 through 30 September 1981. (Project 761866 - New)

\$37,029.00 - Department of the Interior, Office of Surface Mining, Washington, D. C., Characterization of Ohio Limestones to Determine Potential Use in Control of Coal Emissions, Engineering Experiment Station (C. Konya), 1 October 1979 through 30 September 1980. (Project 761892 - New)

\$28,040.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Division of Associated Health Professions, Hyattsville, Maryland, Computer Simulation of Clinical Experience, School of Allied Medical Professions (R. J. Atwell and M. R. Schiller), 1 October 1979 through 30 June 1980. (Project 761394 - Continuation)

\$28,000.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Ohio State University Law School Clinical Experience Program, College of Law (C. Thompson), 1 September 1979 through 31 August 1980. (Project 761840 - New)

\$25,803.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Properties of Skeletal Muscle in Alloxan Diabetes, Department of Physiology (J. A. Grossie), 1 September 1979 through 31 August 1980. (Project 761345 - Continuation)

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 the Navy, Office of Naval Research, Arlington, Virginia, Surface Ship Target Classification Using High Frequency Multi-Frequency Radar, Department of Electrical Engineering, ElectroScience Laboratory (A. A. Ksienski and E. K. Walton), 1 September 1979 through 29 February 1980. (Project 761836 - New)

\$24,917.00 - National Science Foundation, Washington, D. C., A Study of Technical Assistance to Appropriate Technology Practitioners by Educational Institutions, Graduate School, Program for Energy Research, Education, and Public Service (P. S. Hoover), 1 September 1979 through 31 August 1980. (Project 761865 - New)

\$20,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Utilization of Range and Range-Difference Observations in Geodynamics, Department of Geodetic Science (I. I. Mueller), 19 September 1979 through 31 March 1980. (Project 761882 - New)

\$15,940.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Training in Information Analysis and User Services Related to Energy Education, Academic Faculty of Science and Mathematics Education (R. W. Howe), 30 September 1979 through 31 December 1979. (Project 761083 - Continuation)

\$15,215.00 - National Science Foundation, Washington, D. C., Selective Herbivory in *Sciurus*, Department of Zoology (R. C. Farentinos), 30 August 1979 through 31 December 1979. (Project 760605 - Continuation)

\$14,900.00 - National Science Foundation, Washington, D. C., Electron Microscopy of Fossil Pollen and Spores, Department of Botany (T. N. Taylor), 6 September 1979 through 31 July 1980. (Project 760834 - Continuation)

\$9,999.00 - Department of Agriculture, Forest Service, Washington, D. C., Techniques for the Study of Primary Cavity Nesters, Department of Zoology (T. C. Grubb, Jr.), 15 August 1979 through 30 December 1980. (Project 761844 - New)

\$9,942.00 - Department of Labor, Employment and Training Administration, Division of Labor Market Information, Washington, D. C., National Symposium on Information for Training and Vocational Guidance in the United States with Special Emphasis on the U. S. System of Labor Market Information, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1979 through 31 December 1979. (Project 761852 - New)

November 30, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$6,743.00 - Department of the Air Force, Air Force Contract Management Division/PKBD, Kirtland Air Force Base, New Mexico, Analysis of Aero-Optical Turbulence Measurements, Department of Electrical Engineering, ElectroScience Laboratory (C. Levis), 11 September 1979 through 31 October 1979. (Project 761862 - New)

\$5,331.00 - Agency for International Development, Washington, D. C., Rural Poor Survey in El Salvador: Landless, Women and Off-Farm Employment, Department of Agricultural Economics and Rural Sociology (D. H. Boyne and W. L. Flinn), 1 September 1979 through 29 January 1980. (Project 761220 - Continuation)

\$3,789.00 - National Science Foundation, Washington, D. C., Dissertation Research - Phloem Anatomy of Pennsylvanian Age Plants, Department of Botany (T. N. Taylor and E. L. Smoot), 1 September 1979 through 28 February 1981. (Project 761855 - New)

\$2,500.00 - Department of Agriculture, Science and Education Administration, New Orleans, Louisiana, Disappearing Disease of the Honey Bee, Department of Entomology (W. C. Rothenbuhler), 1 July 1979 through 30 June 1980. (Project 760706 - Continuation)

\$2,446.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Division of Associated Health Professions, Hyattsville, Maryland, Career Mobility in Medical Record Administration, School of Allied Medical Professions (R. J. Atwell and M. M. Pariser), 1 October 1979 through 30 June 1980. (Project 761395 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$4,091,577.00**

State of Ohio Research Contracts/Grants

\$294,421.00 - State of Ohio, Department of Education, Division of School of Finance, Driver Education Section, Columbus, Ohio, The Development and Production of Five Driver Education Curriculum Guides and Three Technical Research Papers, National Center for Research in Vocational Education (R. E. Taylor), 18 September 1979 through 30 June 1980. (Project 761872 - New)

\$147,657.00 - Ohio Department of Energy, Columbus, Ohio, Pilot Energy Extension Service for Ohio, Cooperative Extension Service (P. R. Thomas), 1 October 1979 through 30 September 1980. (Project 761868 - Continuation)

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$58,177.00 - Ohio Air Quality Development Authority, Columbus, Ohio, Development and Demonstration of an Adaptive System to Analyze and Forecast the Capacity of the Air Environment in Relation to Industrial Activity in Ohio, School of Public Administration (W. Gorr), 1 October 1979 through 30 September 1980. (Project 761896 - Continuation)

\$40,300.00 - State of Ohio, Department of Education, Division of School of Finance, Driver Education Section, Columbus, Ohio, Ohio Driver Education Administrators, Teachers, and Laboratory Aide Instructors Workshop - 1979, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1979 through 31 October 1979. (Project 761849 - New)

\$28,200.00 - State of Ohio, Department of Health, Columbus, Ohio, Comprehensive Adult Hemophilia Clinic, Department of Physical Medicine (R. Weber), 1 July 1979 through 30 June 1980. (Project 761535 - Continuation)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$568,755.00

Industrial, Private and Other Non-Federal Research Contracts/Grants

\$245,000.00 - Electric Power Research Institute, Palo Alto, California, Corrosion and Corrosion Cracking for Water Cooled Reactors, Department of Metallurgical Engineering (D. D. Macdonald), 29 August 1979 through 31 December 1979. (Project 760982 - Continuation)

\$135,817.00 - Franklin County Program for the Mentally Retarded, Columbus, Ohio, School Age Classes, Nisonger Center for Mental Retardation (D. C. Cavin), 1 September 1979 through 31 August 1980. (Project 761790 - Continuation)

\$85,000.00 - Ayerst Laboratories, New York, New York, Comparison of Q. D. and B. I. D. Dosing Schedules of Inderal with Inderal Q. I. D. and Placebo in the Treatment of Angina Pectoris and Effect of Inderal on Myocardial Perfusion and B-Adrenergic Receptors, Department of Medicine (H. Boudoulas), 1 August 1979 through 31 July 1980. (Project 761721 - New)

\$64,824.00 - Kendall Demonstration Elementary School, Gallaudet College, Washington, D. C., A Proposal for the Continuation of the Kendall Demonstration Elementary School Career Education Project, National Center for Research in Vocational Education (R. E. Taylor), 1 October 1979 through 29 September 1980. (Project 761895 - Continuation)

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$62,160.00 - Franklin County Program for the Mentally Retarded, Columbus, Ohio, Preschool Classes, Nisonger Center for Mental Retardation (D. C. Cavin), 1 September 1979 through 31 August 1980. (Project 761791 - Continuation)

\$55,000.00 - Office of Nuclear Waste Isolation, Battelle Memorial Institute, Columbus, Ohio, Experimental and Analytical Studies of the Thermal Aspects of Deep Geological Disposal of Commercial Nuclear Wastes, Department of Mechanical Engineering (F. A. Kulacki), 1 November 1979 through 31 December 1979. (Project 761731 - Continuation)

\$52,327.00 - Associated Builders and Contractors, Inc., Washington, D. C., Associated Builders and Contractors Instructional Materials Development Project, Academic Faculty of Industrial Technology (D. G. Lux), 1 September 1979 through 31 August 1980. (Project 761847 - New)

\$49,158.00 - Vita Treatment Center, Columbus, Ohio, Counseling Internship Program, Academic Faculty of Special Services (D. J. Tosi), 1 July 1979 through 30 June 1980. (Project 761838 - New)

\$44,634.00 - The Kroc Foundation, Santa Ynez, California, Ultrastructural Immunocytochemical Localization of P2 Protein in Peripheral Nervous System, Department of Pathology (J. R. Mendell), 1 October 1979 through 31 December 1981. (Project 761859 - New)

\$42,670.00 - Franklin County Program for the Mentally Retarded, Columbus, Ohio, Early Training Classes, Nisonger Center for Mental Retardation (D. C. Cavin), 1 September 1979 through 31 August 1980. (Project 761792 - Continuation)

\$40,000.00 - Electric Power Research Institute, Palo Alto, California, The Effects of BWR Deaeration on the General and Localized Corrosion of Plain Carbon and Low Alloy Steel, Department of Metallurgical Engineering (D. D. Macdonald, S. Smialowski and S. Pednekar), 6 September 1979 through 31 December 1979. (Project 761870 - New)

\$27,500.00 - Milwaukee Public Schools, Milwaukee, Wisconsin, Membership in the Alliance for Career and Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1979 through 30 June 1980. (Project 761867 - Continuation)

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$24,200.00 - National Foundation - March of Dimes, White Plains, New York, Regulation of Dihydrofolate Reductase Gene Expression in Resting and Growing Fibroblasts, Department of Biochemistry (L. F. Johnson), 1 September 1979 through 31 August 1980. (Project 761289 - Continuation)

\$21,450.00 - Franklin County Halfway House, Inc. (d.b.a. Alvis House), Columbus, Ohio, Production Training Center Feasibility Study, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1979 through 31 January 1980. (Project 761851 - New)

\$19,950.00 - The University of the State of New York, The State Education Department, Albany, New York, Consortium for the Development of Professional Materials for Vocational Education - Albany, New York, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1979 through 31 August 1980. (Project 761883 - Continuation)

\$19,020.00 - U. S. - Spanish Joint Committee for Scientific and Technological Cooperation, Madrid, Spain, Paleomagnetic Study of Upper Carboniferous Coal-Bearing Strata in Northwest Spain, Department of Geology and Mineralogy (H. C. Noltimier), 1 July 1979 through 30 June 1980. (Project 761703 - Continuation)

\$14,376.00 - The Aerospace Corporation, Los Angeles, California, Moment Method Antenna Analysis Techniques, Department of Electrical Engineering, ElectroScience Laboratory (C. H. Walter), 1 September 1979 through 14 August 1980. (Project 761875 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, The Pharmacological Action of Nitroprusside, Department of Biochemistry (G. E. Means), 1 October 1979 through 30 September 1980. (Project 761677 - New)

\$10,933.00 - The Huron Institute, Cambridge, Massachusetts, Effects of Vocational Education on Participants: A Review of Time or Area Specific Studies Published Since 1968, National Center for Research in Vocational Education (R. E. Taylor), 4 September 1979 through 15 February 1980. (Project 761864 - New)

\$9,000.00 - North Central Technical Institute, Wausau, Wisconsin; Durham Technical Institute, Durham, North Carolina; Linn-Benton Community College, Albany, Oregon; Dallas County Community College, Dallas, Texas; Western Wisconsin Technical Institute, LaCrosse, Wisconsin; Milwaukee Technical College, Milwaukee, Wisconsin; Trident Technical College, Charleston, South Carolina; State Fair Community College, Sedalia, Missouri; Hocking Technical College, Nelsonville, Ohio, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1979 through 30 June 1980. (Project 761599 - Continuation)

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$6,200.00 - General Foods Corporation, White Plains, New York, Evaluation of Semi-Moist Food Formulae for Susceptibility to Mite Infestation, Department of Entomology (D. E. Johnston), 1 May 1979 through 30 April 1980. (Project 761807 - Continuation)

\$6,004.00 - Ohio Dominican College, Columbus, Ohio, Assistance with Administration, Counseling, Programmatic and Training Services, Academic Faculty of Special Services and Academic Faculty of Educational Administration (R. F. Rodgers), 26 August 1979 through 31 May 1980. (Project 761841 - New)

\$6,000.00 - Cornerstone: Corporation for Human Development Program, Columbus, Ohio, Counseling Internship Program, Academic Faculty of Special Services (J. J. Quaranta), 1 September 1979 through 30 June 1980. (Project 761839 - New)

\$5,100.00 - Otterbein College, Westerville, Ohio, Assistance with Administration, Counseling, Programmatic and Training Services, Academic Faculty of Special Services and Academic Faculty of Educational Administration (R. F. Rodgers), 26 August 1979 through 15 June 1980. (Project 761858 - New)

\$5,000.00 - McCauley Accessory Division, The Cessna Aircraft Company, Vandalia, Ohio, General Aviation Propeller (GAP) Program Aerodynamic Analyses, Department of Aeronautical and Astronautical Engineering (G. Gregorek and K. Korkan), 1 February 1979 through 30 September 1979. (Project 761533 - Continuation)

\$4,440.00 - Capital University, Columbus, Ohio, Assistance with Administration, Counseling, Programmatic and Training Services, Academic Faculty of Special Services and Academic Faculty of Educational Administration (R. F. Rodgers), 30 July 1979 through 30 May 1980. (Project 761842 - New)

\$2,989.00 - McDonnell Douglas Corporation, Saint Louis, Missouri, Antenna Pattern Test of Low RCS Antenna Configuration, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 28 August 1979 through 30 September 1979. (Project 761835 - New)

\$748.85 - DASI Industries, Inc., Chevy Chase, Maryland, Enzymatic Activity in Sterile Milk Products, Department of Food Science and Nutrition (G. W. Chism, III), 1 November 1977 through 31 January 1979. (Project 760911 - Continuation)

November 30, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$681.00 - Gallaudet College, Washington, D. C., Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1979 through 31 October 1979. (Project 768021 - New)

TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS **\$1,071,181.85**

ENGINEERING EXPERIMENT STATION

Federal Sponsored Research and Development

\$1,700.00 - NHTSA, Vehicle Research and Test Center, East Liberty, Ohio, for a development project, Transplex research area.

State Supported Research and Development

\$8,000.00 - Various states in the Eastern Field Center, for use of the TRCO Skid Pad Test Facility, Transplex research area.

Industrial and Other Sponsored Research and Development

\$251,208.00 from various sponsors for 29 development projects.

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$74,537.00 - Eli Lilly and Company, Indianapolis, Indiana: \$39,250.00 for The Clinical Pharmacology of Dobutamine--Eli Lilly Company; \$27,787.00 for the Cardiovascular Research (Leier); and \$7,500.00 for the Cardiovascular Research Fund.

\$26,720.00 - The Grace High Washburn Trust, Bucyrus, Ohio, for the Grace High Washburn Trust Scholarship Fund.

\$20,000.00 - Mr. John F. Moxley, Westfield Center, Ohio, for the John F. Moxley Fund in Natural Resources.

\$15,150.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund.

\$15,000.00 - Mansfield University Foundation, Mansfield, Ohio, for the Mansfield Campus Scholarship Fund.

November 30, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$14,220.00 - E. I. duPont de Nemours & Company, Wilmington, Delaware, for the Clinical Pharmacology Fund.

\$13,500.00 - The City Loan and Savings Company, Lima, Ohio, for the WOSU Support Fund.

\$13,105.00 - Pfizer, Inc., Groton, Connecticut, for the Clinical Pharmacology Fund.

\$13,000.00 - The Samuel Mendel Melton Foundation, Columbus, Ohio, for the Curriculum Development Workshop.

\$12,067.78 - Ohio Farmers Insurance Co., Westfield Center, Ohio, (given in the name of Arthur C. Dannecker, Jr.): \$7,067.78 for the Ohio 4-H Foundation Support Fund and \$5,000.00 for The C. William O'Neill Professorship in Law and Judicial Administration.

\$11,865.00 - Laborers' District Council of Ohio, Columbus, Ohio, for the Peter Fosco/Laborers' District Council of Ohio Scholarship Fund.

\$10,000.00 - The F. & R. Lazarus & Co., Columbus, Ohio, for The C. William O'Neill Professorship in Law and Judicial Administration.

\$7,282.97 - Retinal Consultants, Inc., OSU, Columbus, Ohio, for the Retina Research Fund.

\$7,226.31 - University Eye Surgeons, Inc., Columbus, Ohio, for the Eye Bank Fund.

\$7,000.00 - Standard Oil Company, Cleveland, Ohio, for the SOHIO Fellowship in Chemistry.

\$6,000.00 - Central Ohio Center for Economic Education, OSU, Columbus, Ohio, for the Center for Economic Education.

\$6,000.00 - Food Management Technology Corporation, Woodbridge, New Jersey, for The Food Ingredient Technology Corporation Graduate Research Fund.

\$5,331.49 - Robert H. Jones, III, Delmar, New York, for the Jones-Hirsch Memorial Scholarship Fund.

\$5,000.00 - Mr. Gerald O. Allen, Shaker Heights, Ohio, for The C. William O'Neill Professorship in Law and Judicial Administration.

November 30, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$5,000.00 - Cleveland Institute of Electronics, Cleveland, Ohio, for The C. William O'Neill Professorship in Law and Judicial Administration.

\$5,000.00 - John Deaver Drinko, Cleveland, Ohio, for the C. William O'Neill Professorship in Law and Judicial Administration.

\$5,000.00 - Dr. M. Henry Speck, Youngstown, Ohio, for the Drs. M. Henry and Myron E. Speck Fund.

Establishment of Named Funds

The Sidney L. Pressey Honors Program Endowment Fund

The Sidney L. Pressey Honors Program Endowment Fund was established November 30, 1979, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Sidney L. Pressey, Professor Emeritus in the Department of Psychology.

All gifts are to be invested in the University's Permanent Endowment Fund, under the 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 if deemed necessary, is to be used to support and assist the University-wide honors program in, but not limited to, such activities and functions as providing scholarships and research funds for honors students; supplementary programs, conferences, and lectures; student travel related to study; and purchase of materials, supplies, and capital items for which funds may otherwise not be available. In accord with the grantor's preferences, priority will be given to projects that directly benefit students or that foster ideas, programs, and projects which are creative, innovative, or experimental. Expenditures are to be made upon recommendation of the University's administrative official who is directly responsible for programs for undergraduate students of superior academic ability and achievement.

Should it become impossible or impractical to use the income and/or principal for the purposes stated above, then the income and principal shall be used in the area of student financial aid.

The Wayne and Jane Dalton Scholarship Fund

The Wayne and Jane Dalton Scholarship Fund was established November 30, 1979, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Mr. and Mrs. Wayne Dalton, Wakeman, Ohio.

November 30, 1979 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 Wayne and Jane Dalton 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 or reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for students majoring in Dairy Science. Selection of the recipient(s) is to be made by a committee consisting of the Chairperson of the Department of Dairy Science or his/her designee, a representative of the Office of the Dean of the College of Agriculture and Home Economics, and Mr. and/or Mrs. Dalton or their designee.

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 Agriculture and Home Economics, who will keep in mind the intent of Mr. and Mrs. Dalton in endowing the fund.

C. Emory and Frances C. Glander Fund

WHEREAS the family, friends, and former students of the late C. Emory Glander, have made gifts to the Development Fund in memory of Mr. Glander, a distinguished alumnus of the College of Arts and Sciences and of the College of Law, an adjunct member of their faculties for more than 43 years, the former National President of The Ohio State University Association, as well as Tax Commissioner of Ohio and a long-time practitioner of tax law; and

WHEREAS the family, friends and former students wish these gifts to be used to endow a fund to benefit the College of Law; and

WHEREAS it is deemed particularly fitting as a memorial to the life, work and teaching of Mr. Glander, which was so enhanced by Mrs. Glander over their long life together, that the income from this fund should be used to build and maintain a distinguished library of books and other research materials in the field of taxation in the College of Law Library; and

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

WHEREAS should the need for books and other research materials in the field of taxation cease to exist or so diminish as to provide unused income, then the income may be used for

November 30, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

C. Emory and Frances C. Glander Fund (contd)

any purpose recommended by the Dean of the College of Law, or if no such position then exists, for any purpose related to legal education as determined by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the "C. Emory and Frances C. Glander Fund" be established in accordance with the wishes of the donors.

The Newman Endowed Scholarship in Forestry

The Newman Endowed Scholarship in Forestry was established November 30, 1979, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Ralph and Anne Newman.

All gifts are to be invested in the University's Permanent Endowment Fund, under the 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 sophomore, junior, or senior students majoring in forestry in the College of Agriculture, School of Natural Resources. Preference will be given to those students interested in land reclamation through reforestation and will be based on the applicant's ability, character, and financial need. Selection of the recipient will be made by the University Committee on Student Financial Aids based on recommendations made by the scholarship committee of the School of Natural Resources.

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 the School of Natural Resources.

November 30, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$498,042.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Guidance Team Training Program with Emphasis on Guidance for Vocations and Learners with Special Needs, National Center for Research in Vocational Education (R. E. Taylor), 29 September 1979 through 28 September 1981. (Project 761914 - New)

\$300,000.00 - Environmental Protection Agency, Washington, D. C., The Clinical Pharmacology and Toxicology of Chlorine Dioxide and Its Products: A Comparison of Tolerance and Safety in Animals and Human Volunteers, Department of Pharmacology (J. R. Bianchine and D. Couri), 1 November 1979 through 31 October 1980. (Project 761194 - Continuation)

\$230,500.00 - Environmental Protection Agency, Washington, D. C., Information Collection, Analysis and Dissemination, Academic Faculty of Science and Mathematics Education (R. W. Howe), 1 October 1979 through 30 September 1980. (Project 760919 - Continuation)

\$210,000.00 - Environmental Protection Agency, Washington, D. C., Chemical Carcinogen Induced Neoplastic Transformation of Human Epithelial Cells, Department of Physiological Chemistry (G. E. Milo), 1 October 1979 through 30 September 1982. (Project 761904 - New)

\$205,000.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunoprevention of Cancer in Cats, Department of Veterinary Pathobiology (R. G. Olsen and E. A. Hoover) and Department of Microbiology (P. C. Kimball), 1 October 1979 through 30 September 1980. (Project 761417 - Continuation)

\$167,379.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Purchase of NMR Spectrometer for Core User Group, Department of Chemistry (D. Horton), 28 September 1979 through 31 August 1980. (Project 761911 - New)

\$132,856.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Interdisciplinary Health Care for the Aged, Department of Pathology (L. Liss), 1 October 1979 through 30 September 1980. (Project 761918 - New)

\$120,956.00 - Department of Health, Education, and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, A Study to Develop an Experimental Disease Model in Horses, Department of Veterinary Physiology and Pharmacology (T. E. Powers), 28 September 1979 through 27 June 1980. (Project 761916 - New)

November 30, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$102,822.00 - Department of Health, Education, and Welfare, Social Security Administration, Baltimore, Maryland, Limitation in Function and Disability, Mershon Center for Education in National Security (S. Z. Nagi), 1 October 1979 through 30 September 1980. (Project 761717 - Continuation)

\$101,019.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Special Services Program for Disadvantaged Students, University College Administration (M. A. Stewart), 1 September 1979 through 31 August 1980. (Project 761887 - New)

\$99,920.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Long Bone and Joint Response to Mechanical Loading (Biomechanics of Flail Injuries), Department of Engineering Mechanics (A. E. Engin), 1 October 1979 through 30 September 1980. (Project 761590 - Continuation)

\$75,411.00 - Department of Health, Education, and Welfare, Office of Human Development Services, Administration for Children, Youth and Families, Chicago, Illinois, Child Welfare Services Training Grant (Traineeship), College of Social Work (R. O. Washington), 1 July 1979 through 30 June 1980. (Project 761874 - New)

\$75,401.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Theoretical Foundations of Software Technology, Department of Computer and Information Science (B. Chandrasekaran, L. J. White and H. W. Buttelmann), 1 October 1979 through 30 June 1980. (Project 761640 - Continuation)

\$71,870.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, The Organization of Social Information, Department of Psychology (T. M. Ostrom and J. B. Pryor), 1 October 1979 through 30 September 1980. (Project 761438 - Continuation)

\$70,625.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Experimental Studies of Trailing Edge Flows, Department of Aeronautical and Astronautical Engineering (S. L. Petrie and K. Korkan), 1 February 1980 through 31 January 1981. (Project 761016 - Continuation)

\$70,179.00 - Agency for International Development, Washington, D. C., Savings Mobilization Campaign - Peru, Department of Agricultural Economics and Rural Sociology (D. H. Boyne), 15 July 1979 through 14 July 1981. (Project 761929 - New)

November 30, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$67,850.00 - Agency for International Development, Washington, D. C., Thailand Rural Off-Farm Employment Project, Department of Agricultural Economics and Rural Sociology (D. H. Boyne), 15 August 1979 through 14 August 1981. (Project 761898 - New)

\$67,623.00 - Agency for International Development, Washington, D. C., A Cooperative Agreement between the Rural Development Office, Technical Assistance Bureau, Agency for International Development and Agricultural Economics and Rural Sociology, The Ohio State University, Department of Agricultural Economics and Rural Sociology (D. H. Boyne and D. W. Adams), 1 July 1979 through 30 June 1980. (Project 760927 - Continuation)

\$66,729.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Chromatin in Spermatogenesis and Fertilization, Department of Veterinary Pathobiology (K. Marushige), 30 September 1979 through 31 August 1980. (Project 761910 - New)

\$66,139.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute on Aging, Bethesda, Maryland, Work Behavior of Retirement Age Males, Department of Economics (D. O. Parsons), 29 September 1979 through 31 August 1980. (Project 761913 - New)

\$65,238.00 - Department of Health, Education, and Welfare, Public Health Service, Center for Disease Control, Atlanta, Georgia, Laboratory Training Program, Department of Pathology (J. A. Lott and G. F. Grannis), 18 September 1979 through 17 March 1981. (Project 761905 - New)

\$60,000.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Investigation of the Boundary Layer Behavior on Turbine Airfoils, Department of Mechanical Engineering (L. S. Han), 1 October 1979 through 30 September 1980. (Project 761650 - Continuation)

\$59,861.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Citizen Education for Cultural Understanding, Mershon Center for Education in National Security (R. Remy), 1 October 1979 through 30 September 1980. (Project 761915 - New)

\$56,634.00 - National Aeronautics and Space Administration, Washington, D. C., Investigation of Infrared Spectra of Atmospheric Gases to Support Stratospheric Spectroscopic Investigations, Department of Physics (J. H. Shaw), 1 November 1979 through 31 October 1980. (Project 761420 - Continuation)

November 30, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$55,793.00 - Department of Health, Education, and Welfare, Office of Human Development Services, Administration for Children, Youth and Families, Chicago, Illinois, Child Welfare Services Training Grant (Teaching), College of Social Work (R. O. Washington), 1 October 1979 through 30 September 1980. (Project 761880 - New)

\$53,675.00 - Department of the Interior, Fish and Wildlife Service, Washington, D. C., The Influence of Chemical Contaminants and Food Stress of Endocrine Control of Mourning Dove Courtship and Reproductive Behavior, Department of Zoology (T. J. Peterle and T. A. Bookhout), 1 September 1979 through 30 September 1982. (Project 761355 - Continuation)

\$50,000.00 - Department of the Army, U. S. Army Research Office, Research Triangle Park, North Carolina, A Synergistic Investigation of the Infrared Water Vapor Continuum, Department of Electrical Engineering, ElectroScience Laboratory (R. K. Long and R. J. Nordstrom), 1 October 1979 through 30 September 1980. (Project 760653 - Continuation)

\$47,499.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Biological Control of Vectors of Human Disease, Department of Entomology (J. D. Briggs), 15 September 1979 through 31 August 1980. (Project 761909 - New)

\$46,847.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, The Color and Brightness Channels of the Visual System, Division of Sensory Biophysics (C. R. Ingling, Jr.), 30 September 1979 through 29 September 1980. (Project 761926 - New)

\$44,508.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., The Electrophysiologic Mechanisms of Halogenated Alkane Arrhythmogenesis, Department of Veterinary Physiology and Pharmacology (S. M. Strauch), 1 October 1979 through 30 June 1980. (Project 761648 - Continuation)

\$41,851.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Immune Dysfunctions and Abrogation of the Inflammatory Response by Environmental Chemicals, Department of Veterinary Pathobiology (R. G. Olsen), 1 October 1979 through 30 June 1980. (Project 761657 - Continuation)

November 30, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$40,803.00 - Department of the Army, U. S. Army Research Office, Research Triangle Park, North Carolina, Studies on the Synthesis of Boron Hydride Systems, Department of Chemistry (S. Shore), 1 October 1979 through 30 September 1980. (Project 761119 - Continuation)

\$40,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Environmental and Genetic Effects on Gravity Receptors: A Morphological, Physiological and Behavioral Study, Department of Otolaryngology (D. J. Lim), 1 October 1979 through 30 September 1980. (Project 760657 - Continuation)

\$35,499.00 - Department of Health, Education, and Welfare, Office of Education, Bureau of Education of the Handicapped, Washington, D. C., The Development of a Curriculum for Pediatric Residents in Handicapping Conditions, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 August 1979 through 30 June 1980. (Project 761774 - Continuation)

\$31,997.00 - National Science Foundation, Washington, D. C., Biosystematics and Biogeography of Eleodes, Department of Entomology (C. A. Triplehorn), 15 October 1979 through 31 October 1981. (Project 761928 - New)

\$31,821.00 - Department of Transportation, Federal Highway Administration, Washington, D. C., Field Test and Evaluation Center for Eastern States, Engineering Experiment Station (E. A. Whitehurst), 1 October 1979 through 30 November 1979. (Project 760347 - Continuation)

\$30,000.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Thermally Controlled Boundary Layer Technology, Department of Aeronautical and Astronautical Engineering (J. D. Lee), 1 October 1979 through 31 March 1980. (Project 761635 - Continuation)

\$27,000.00 - Department of Labor, Occupational Safety and Health Administration, Washington, D. C., Development of Occupational Safety and Health Training/Education and Related Assistance Capabilities, Division of Continuing Education, College of Administrative Science (C. J. Slanicka and R. M. Montgomery), 1 October 1979 through 30 September 1980. (Project 761381 - Continuation)

\$15,464.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Community Health Services, Rockville, Maryland, National Workshop on Nutrition and CCS-SSIDC Programs, Nisonger Center for Mental Retardation (B. A. W. Kozlowski), 1 October 1979 through 30 September 1980. (Project 761917 - New)

November 30, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$14,387.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Community Health Services, Rockville, Maryland, National Conference on Social Content of UAF Core Curricula, Nisonger Center for Mental Retardation (J. J. Parnicky), 1 October 1979 through 30 September 1980. (Project 761919 - New)

\$13,410.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Community Health Services, Rockville, Maryland, Workshop on Neurodevelopmental Treatment, Nisonger Center for Mental Retardation (M. Chase), 1 October 1979 through 30 September 1980. (Project 761921 - New)

\$11,798.00 - Department of Health, Education, and Welfare, Office of Human Development Services, Administration on Aging, Washington, D. C., Activity to Support and Strengthen Education through Retired Technicians, National Center for Research in Vocational Education (R. E. Taylor), 1 October 1979 through 31 December 1979. (Project 761357 - Continuation)

\$8,580.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Social Work Education for Community Mental Health, College of Social Work (R. O. Washington), 1 October 1979 through 30 June 1980. (Project 761137 - Continuation)

\$8,000.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Changes in the Organ of Hearing Produced by Sound, Department of Otolaryngology (D. J. Lim and W. Melnick), 1 October 1979 through 1 March 1980. (Project 760628 - Continuation)

\$7,871.00 - Department of Energy, Washington, D. C., Granville/Newark/Southwest Licking Schools In-Service Energy Education, Academic Faculty of Early and Middle Childhood Education (L. Holt), 3 August 1979 through 2 August 1980. (Project 761927 - New)

\$6,000.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Office of Sea Grant Programs, Rockville, Maryland, The Ohio Sea Grant Program Proposal, Center for Lake Erie Area Research (C. E. Herdendorf and J. M. Reutter), 1 September 1979 through 31 August 1980. (Project 761831 - Continuation)

\$5,684.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Modeling of Human Joint Structures, Department of Engineering Mechanics (A. E. Engin), 1 October 1979 through 17 February 1980. (Project 761007 - Continuation)

November 30, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$5,404.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Impact of Prior Noncontingency on Learning and Memory, Department of Psychology (D. D. Wickens), 1 September 1978 through 31 December 1979. (Project 760538 - Continuation)

\$4,522.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Hyattsville, Maryland, Family Centered Program on Intervention, Nisonger Center for Mental Retardation (M. F. Chase), 19 September 1979 through 30 June 1980. (Project 760710 - Continuation)

\$4,225.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Division of Associated Health Professions, Hyattsville, Maryland, Instructional Unit Development, School of Allied Medical Professions (R. J. Atwell and D. C. Broski), 1 October 1979 through 30 September 1980. (Project 761393 - Continuation)

\$2,679.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Clinical Education Coordination, School of Allied Medical Professions (F. M. Pierson), 1 July 1979 through 30 June 1980. (Project 760720 - Continuation)

\$1,776.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Division of Associated Health Professions, Hyattsville, Maryland, Computer Simulation of Clinical Experience, School of Allied Medical Professions (R. J. Atwell and M. R. Schiller), 1 October 1979 through 30 June 1980. (Project 761394 - Continuation)

\$155.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Division of Associated Health Professions, Hyattsville, Maryland, Career Mobility in Medical Record Administration, School of Allied Medical Professions (R. J. Atwell and M. M. Pariser), 1 October 1979 through 30 June 1980. (Project 761395 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$3,729,302.00**

State of Ohio Research Contracts/Grants

\$112,000.00 - State of Ohio, Department of Mental Health and Mental Retardation, Division of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Coordination of Consultation and Training Services Among University Affiliated Facilities in Ohio, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 October 1979 through 30 September 1980. (Project 761906 - Continuation)

November 30, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$70,802.00 - Electric Power Research Institute, Inc., Palo Alto, California, An Advanced Prototype System for Locating and Mapping Underground Obstacles, ElectroScience Laboratory, Department of Electrical Engineering (R. Caldecott), 1 August 1979 through 31 December 1979. (Project 760604 - Continuation)

\$55,327.00 - Cedars-Sinai Medical Center, Los Angeles, California, National Cooperative Gallstone Study, Department of Medicine (F. B. Thomas and H. S. Mekhjian), 1 September 1979 through 31 August 1980. (Project 760590 - Continuation)

\$37,500.00 - Philadelphia Public Schools, Philadelphia, Pennsylvania, Membership in the Alliance for Career and Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1979 through 30 June 1980. (Project 761925 - Continuation)

\$27,000.00 - Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination: The Effect of Age, Institute for Research in Vision (O. M. Blackwell and H. R. Blackwell), 1 July 1979 through 30 June 1980. (Project 760716 - Continuation)

\$24,552.00 - Phi Delta Kappa, Bloomington, Indiana, School-Community Co-operating in Reducing Discipline Problems, Academic Faculty of Foundations and Research (W. W. Wayson), 15 September 1979 through 14 September 1980. (Project 761857 - New)

\$22,800.00 - Pfizer Pharmaceuticals, Pfizer, Inc., New York, New York, Minizide^R in the Treatment of Essential Hypertension, Department of Medicine (M. Tzagournis and T. G. Skillman), 1 September 1979 through 31 August 1980. (Project 761933 - New)

\$18,000.00 - Virginia Polytechnic Institute and State University, Blacksburg, Virginia, Petroleum in Tundra Soils: Movement within the Soil and Effects on Soil Chemical and Physical Characteristics, Institute of Polar Studies, Graduate School, and Department of Agronomy (K. R. Everett), 1 October 1979 through 30 September 1980. (Project 760271 - Continuation)

\$16,530.00 - Philip Morris Research Center, Richmond, Virginia, Analgesic and Other Behavioral Effects of Nicotine, Department of Psychology (G. G. Berntson), 1 September 1979 through 31 August 1980. (Project 760715 - Continuation)

November 30, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$14,000.00 - World Health Organization, 1211 Geneva 27, 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 1979 through 30 June 1980. (Project 760113 - Continuation)

\$11,936.13 - Elsa U. Pardee Foundation, Midland, Michigan, Tumor Immunotherapy with Chemically Modified Bleomycin, Department of Pathology (R. F. Barth), 1 August 1979 through 30 April 1980. (Project 761796 - New)

\$10,000.00 - World Health Organization, 1211 Geneva 27, Switzerland, Characterization of the B-hCG Peptide Conjugate Immune Response in Baboons and Rabbits (Task Force on Immunological Methods of Fertility Regulation), Department of Medical Microbiology (R. W. Lang), 1 January 1979 through 31 December 1979. (Project 761529 - Continuation)

\$9,385.00 - Appalachian Engineers, Charleston, West Virginia, The Distribution of Naiad Mollusks in Specified Areas of the Kanawha River Above Charleston, West Virginia, Department of Zoology (D. H. Stansbery), 15 September 1979 through 14 September 1980. (Project 761903 - New)

\$6,000.00 - American Cancer Society - Ohio Division, Cleveland, Ohio, Neutrophil Specific Antibody in Granulocyte Transfusion Therapy, Department of Pathology (M. S. Kennedy), 1 November 1979 through 31 October 1980. (Project 761920 - New)

\$5,810.00 - Hamilton Standard, Division of United Technologies, Windsor Locks, Connecticut, Airfoils for Propeller Applications, Department of Aeronautical and Astronautical Engineering (K. D. Korkan), 20 September 1979 through 19 October 1979. (Project 761877 - Continuation)

\$4,900.00 - City of Columbus, Department of Energy and Telecommunication, Columbus, Ohio, A Proposal to Review Various Energy Audit Techniques for the City of Columbus, Program for Energy Research, Education, and Public Service, Graduate School (R. E. Bailey), 1 September 1979 through 30 November 1979. (Project 761908 - New)

\$3,653.06 - The Procter and Gamble Company, Cincinnati, Ohio, Study of Dental Calculus, College of Dentistry (C. W. Conroy), 1 July 1978 through 30 June 1979. (Project 760029 - Continuation)

\$3,013.22 - The Procter and Gamble Company, Cincinnati, Ohio, Study of Dental Caries, College of Dentistry (W. A. Zacherl), 1 July 1978 through 30 June 1979. (Project 762065 - Continuation)

November 30, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$2,840.00 - The National Alliance of Businessmen, Columbus Metro, Columbus, Ohio, Career Guidance Institute, Academic Faculty of Special Services, (H. J. Peters), 1 September 1979 through 31 March 1980. (Project 761907 - Continuation)

\$2,387.00 - Southeastern Center for Electrical Engineering Education, Inc., Orlando, Florida, Transient Capacitance Measurements on Selected Silicon and Gallium Arsenide Solar Cells, Department of Physics (L. C. Brown), 1 July 1979 through 31 December 1979. (Project 760734 - Continuation)

TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS **\$ 537,581.41**

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

\$75,611.00 - State of Ohio, Public Utilities Commission, Columbus, Ohio, for Measured Rate Telephone Service, National Regulatory Research Institute, July 1, 1979 through December 31, 1979. (EES 595/529075)

\$34,857.00 - State of Ohio, Public Utilities Commission, Columbus, Ohio, for Municipal Gas Rates, National Regulatory Research Institute, July 1, 1979 through October 31, 1979. (EES 594/529074)

\$13,052.00 - State of Ohio, Public Utilities Commission, Columbus, Ohio, for Columbus and Southern Ohio Electric Testimony, National Regulatory Research Institute, July 1, 1979 through November 15, 1979. (EES 596/529076)

\$8,994.00 - State of Ohio, Public Utilities Commission, Columbus, Ohio, for Alternate Coal Conversion Technologies, National Regulatory Research Institute, July 1, 1979 through July 31, 1979. (EES 593/529073)

TOTAL - STATE SPONSORED RESEARCH AND DEVELOPMENT **\$132,514.00**

Industrial and Other Sponsored Research and Development

\$40,000.00 - Electric Power Research Institute, Inc., Palo Alto, California, for Study of Electrostatic DC Fields in Converter Stations, Department of Electrical Engineering, October 1, 1979 through March 31, 1980. (EES 571/529051, Extension No. 1)

November 30, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION (contd)

Industrial and Other Sponsored Research and Development (contd)

\$24,090.00 - City of Columbus, Columbus, Ohio, for Elimination of Filamentous Blue-Green Algae at the Southerly Sewage Treatment Plant, Department of Civil Engineering, October 12, 1979 through October 11, 1980. (EES 547/529027, Extension No. 3)

**TOTAL - INDUSTRIAL AND OTHER SPONSORED
RESEARCH AND DEVELOPMENT** **\$64,090.00**

Sponsored Development Projects

\$65,085.00 from various sponsors for 30 development projects.

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$79,776.00 - Trust Under the Will of Glenna R. Joyce, Columbus, Ohio, for the Glenna R. Joyce Scholarship Fund.

\$60,000.00 - M. H. Brown, Lancaster, Ohio, for The M. H. Brown Family Endowed Scholarship Fund.

\$44,000.00 - Ohio Lions Eye Research Foundation, Columbus, Ohio: \$26,000.00 for the Ohio Lions Club Blindness Research Fund and \$18,000.00 for the Institute for Research in Vision.

\$35,000.00 - Sidney L. Pressey Trust, Columbus, Ohio, for the Sidney L. Pressey Honors Program Fund.

\$30,479.26 - Estate Under the Will of Thomas R. Murfin, Columbus, Ohio: \$20,000.00 for the Department of Aviation Chairman's Discretionary Fund and \$10,479.26 for the Ohio State National Merit Scholarship Program.

\$30,202.80 - Estate Under the Will of Terrence J. Morse, Pickerington, Ohio, for the College of Law Advancement Fund.

\$25,972.00 - The Grace High Washburn Trust, Bucyrus, Ohio, for the Grace High Washburn Trust Scholarship Fund.

\$20,000.00 - Estate Under the Will of Florence Ogden Wilson, Oklahoma City, Oklahoma, for the Florence O. Wilson Endowment Fund.

November 30, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$14,568.00 - Owens-Corning Fiberglas Corporation, Newark, Ohio: \$8,318.00 for the WOSU Support Fund and \$6,250.00 for the Owens-Corning Fiberglas Engineering Scholarship Fund.

\$10,000.00 - Dade Diagnostics, Inc., Aguada, Puerto Rico, for the Department of Veterinary Clinical Sciences Blood Coagulation Research Fund.

\$9,350.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund.

\$8,960.03 - Grace and Carl Baldwin Trust, Columbus, Ohio, for the Carl M. and Grace C. Baldwin Eye Care Fund.

\$7,636.54 - Moffitt Royalty Trust, San Antonio, Texas, for the Melvin E. Moffitt Memorial Fund.

\$7,300.00 - Weirton Steel, Weirton, West Virginia, for the National Steel Fellowship in Metallurgical Engineering.

\$6,322.50 - Eastman Kodak Company, Rochester, New York, for the Kodak Scholars Program in Engineering Fund.

\$5,752.00 - Association of American Railroads, Chicago, Illinois, for the Railroad Safety Research Fellowship.

\$5,590.00 - Edith W. Starin Trust, Columbus, Ohio, for the William Alfred and Edith Wood Starin Fund I.

\$5,020.55 - Estate of Michael Peppe, Columbus, Ohio, for the Michael Peppe-Carl Wirthwein Scholarship Fund.

\$5,000.00 - Buckeye International, Inc., (given in the name of Rowland C. W. Brown), Columbus, Ohio, for the WOSU Support Fund.

\$5,000.00 - Estate Under the Will of Lois (Dora Eloise) Gilmore, Columbus, Ohio, for the Florence Leone Lloyd Scholarship.

\$5,000.00 - The Harry C. Moores Foundation, Gahanna, Ohio, for the WOSU Support Fund.

\$5,000.00 - National Mutual Insurance Company, Columbus, Ohio, for The John W. Galbreath Chair in Real Estate.

November 30, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts-in-Kind

\$206,000.00 - William H. Davis, Columbus, Ohio, 26 shares Arkwood Homes, Inc., Columbus, Ohio, and 26 shares Oakwood Homes, Inc., Columbus, Ohio, to be added to the William H. Davis Professorship in the American Free Enterprise System in the College of Administrative Science.

\$11,850.00 - Industrial Data Terminals Corp., Columbus, Ohio, IDT-100 Color Graphics Terminal plus Auxiliary Equipment for the Department of Chemical Engineering.

\$9,000.00 - WBNS-TV, Columbus, Ohio, Portable Videotape Camera Unit for use in the Office of Public Affairs.

\$5,106.00 - Herbert L. Fenburr, Columbus, Ohio, 100 shares of J. P. Morgan & Co., Inc., stock for the Division of Hematology and Oncology Research Fund.

Establishment of Named Funds

The June Purcell and Arthur Guild Loan Scholarship Fund

The June Purcell and Arthur Guild Loan Scholarship Fund was established November 30, 1979, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the estate of June Purcell Guild, L.L.B. '10, Richmond, 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 provide loans or scholarships for the benefit of deserving students in the College of Law. Negro students of merit will be given first consideration.

Should the need for this loan scholarship 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 legal education, after consultation with faculty for the benefit of minority students in legal education.

Earl B. Poling Graduate Research Fellowship in Agricultural Economics

The Earl B. Poling Graduate Research Fellowship in Agricultural Economics was established November 30, 1979, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the Mid-East United Dairy Industry Association.

November 30, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Earl B. Poling Graduate Research Fellowship in Agricultural Economics (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 the case dictates.

The annual income is to be available to support undergraduate student scholarships or graduate student research in the Department of Agricultural Economics and Rural Sociology in the general areas of dairy marketing, cooperative marketing, and generic promotion as deemed desirable by 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 the recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Agriculture.

The Cathleen M. Murnane Travel Scholarship Fund

The Cathleen M. Murnane Travel Scholarship Fund was established November 30, 1979, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the friends, family, and the estate of Cathleen M. Murnane, Columbus, Ohio, B.A. '72, M.A. '79.

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

Subsequent gifts made to the fund will be added to the principal each year; the total annual income is to be used to assist in providing qualified graduate students of the Department of History of Art travel expenses for an appropriate travel opportunity which has a direct relationship to the student's course of study at either the master's or doctoral level. The selection of the recipient is to be made upon the recommendation of a faculty committee of the Department of History of Art, subject to the criteria established and in effect between the department and the immediate family of Miss Murnane.

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 graduate student travel scholarships, keeping in mind the original intent and purpose of the donors.

November 30, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Dr. Floyd M. Beman Fund

The Dr. Floyd M. Beman Fund was established November 30, 1979, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Irvin L. Allison and his wife, Helen M. Lyon Allison of Columbus, Ohio, in honor of Floyd M. Beman, M.D., Professor of Medicine, Division of Gastroenterology, The Ohio State University College of Medicine.

All gifts are to be invested in the University's Permanent Endowment Fund under the 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 in the Division of Gastroenterology for research, fellowship training, and patient care. Dr. Floyd M. Beman or the chief of the Division of Gastroenterology will determine the specific purposes for which the gift will be used with the approval of the Dean of the College of Medicine.

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 appropriate administrative official of the University who is then directly responsible for gastroenterology research, fellowship training, and patient care.

The Blaydes-Meyer Fund

The Blaydes-Meyer Fund was established November 30, 1979, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund in memory of Professor Emeritus Glenn W. Blaydes and in honor of Professor Emeritus Bernard S. Meyer, from their families and friends.

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

The annual income is to be used to provide a Summer Quarter fund for one or more fellowships for graduate students enrolled in the Department of Botany. The selection of the recipient is to be made upon the recommendation of the Chairman of the Department of Botany in cooperation with the Dean of the College of Biological Sciences.

Should the need for these graduate fellowships 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 botany education.

November 30, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Walter W. Seifert Award

The Walter W. Seifert Award was established November 30, 1979, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from Hill and Knowlton, Inc., in honor of Walter W. Seifert, professor of journalism.

The annual income from this endowed fund is to be used to fund the "Walter W. Seifert Award" each year to the outstanding member of the OSU Chapter of the Public Relations Student Society of America. Selection of this student is to be made by the academic and professional advisors of the Chapter on review by Hill and Knowlton's Managing Director at Chicago.

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

Should the need for this award 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 journalism education.

Thomas E. Rardin Family Practice Center Fund

The Thomas E. Rardin Family Practice Center Fund was established November 30, 1979, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni and other friends of the Department of Family Medicine, The Ohio State University College of Medicine.

All gifts are to be invested in the University's Permanent Endowment Fund, under the 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 purpose of this fund is for the establishment, construction and maintenance of a facility to be known as the Thomas E. Rardin Family Practice Center. Funds contained therein are to be used to provide all or a portion of the cost of developing, building, equipping and maintaining the proposed center. Principal as well as income may be used for this purpose with the approval of the Chairman of the Department of Family Medicine 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 the recommendations made by the Chairman of the Department of Family Medicine.

November 30, 1979 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 Optometry Class of 1953 Endowed Scholarship Fund

The Optometry Class of 1953 Endowed Scholarship Fund was established November 30, 1979, in accordance with the proposal for the Optometry Class of 1953, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the College of Optometry Class of 1953.

All gifts are to be invested in the University's Permanent Endowment Fund, under the 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 the College of Optometry students, with first preference going to a junior year student(s) who has shown extreme proficiency in the clinical application of optometry. The selection of the recipient(s) is to be made by the University Committee on Student Financial Aids with recommendations from the appointed advisers of the Optometry Class of 1953, so long as they survive, with assistance from the Director of Clinic. Upon the demise of all members of the Optometry Class of 1953, the Dean of the College of Optometry shall assist with the selection process in concert with the Director of Clinic.

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 Optometry.

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PLANS AND SPECIFICATIONS

Resolution No. 80-51

Synopsis: Plans and specifications are being proposed for the following projects.

WHEREAS at the request of the Vice President for Business and Administration, the President recommends that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following projects:

WATER TOWER PAINTING

Project:	Complete repainting of the interior and exterior of the tower.
Funding:	Budget Account 210134 (Contract Repair 1979-80)
Estimated Project Cost:	\$105,000.00

November 30, 1979 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

GOLF COURSE DAM - SPILLWAY EXPANSION AND RENOVATION

Project: Project includes expansion of spillway capacity, new backwall for the dropbox, new retaining walls for the lower chute and asphalt repairs to the low chute.

Funding: Budget Account 316550 (Athletic Revenue)

Estimated Project Cost: \$60,000.00

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 Administration 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 Dr. Jacob, seconded by Mr. Hilliker, 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 80-52

Synopsis: Contracts have been awarded for the projects enumerated 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:

DODD HALL AND MEANS HALL, EXTERIOR RESTORATION

Description: Steam cleaning of all masonry surfaces, tuckpointing and all necessary repairs for complete restoration of deteriorated areas. Waterproof coating will be applied after all repairs are made.

November 30, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

DODD HALL AND MEANS HALL, EXTERIOR RESTORATION (contd)

General Contract

Date Received:	October 31, 1979
No. of Bids:	4
Low Bid:	\$124,344.00
High Bid:	\$219,870.00
Estimate of Cost:	\$161,862.00
Awarded to:	Trisco System, Inc. (Lima, Ohio)
Total Contract:	\$124,344.00
Total Contingency Allowance:	\$ 59,457.42 which is 47 per cent of construction contract
Total Project Cost:	\$186,584.00
Funding:	Budget Account 885105

WENDELL D. POSTLE HALL, STEAM IMPROVEMENTS

Description: Remove obsolete and oversized pressure reducing station in utility tunnel and replace with new equipment to meet current requirements for the building.

Mechanical Contract

Date Received:	October 16, 1979
No. of Bids:	3
Low Bid:	\$ 57,980.00*
High Bid:	\$ 58,200.00*
Estimate of Cost:	\$ 65,200.00*
Awarded to:	Limbach Company (Columbus, Ohio)
Total Contract:	\$ 57,980.00
Total Contingency Allowance:	\$ 207.66 which is .35 per cent of construction contract
Total Project Cost:	\$ 60,000.00
Funding:	Budget Account 210134 (Contract Repair 1979-80)

*Recommended alternates reflected in these figures.

November 30, 1979 meeting, Board of Trustees

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

PLUMB HALL, WINDOW REPLACEMENT

Description: Replace deteriorated windows with thermal barrier windows for ongoing energy modification savings.

General Contract

Date Received:	September 26, 1979
No. of Bids:	2
Low Bid:	\$ 38,342.00*
High Bid:	\$ 42,900.00*
Estimate of Cost:	\$ 44,000.00
Awarded to:	Raymond E. Kelley, Inc. (Bowmansville, New York)*
Total Contract:	\$ 42,900.00
Total Contingency Allowance:	\$ 2,794.24 which is 7 per cent of construction contract
Total Project Cost:	\$47,000.00
Funding:	Budget Account 210134 (Contract Repair 1979-80)

*The low bid was in the amount of \$38,342, but this bidder was rejected for failure to have his Bond submitted on the State Form of Bond as required by Section 153.08 of the Ohio Revised Code.

PAGE HALL, PLATFORM REPAIRS AT NORTH ENTRANCE

Description: Repair deteriorated concrete and stone.

General Contract

Date Received:	October 10, 1979
No. of Bids:	4
Low Bid:	\$ 24,737.00
High Bid:	\$ 38,800.00
Estimate of Cost:	\$ 32,000.00
Awarded to:	The Righter Company (Columbus, Ohio)

November 30, 1979 meeting, Board of Trustees

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

PAGE HALL, PLATFORM REPAIRS AT NORTH ENTRANCE (contd)

Total Contract: \$ 24,737.00
Total Contingency Allowance: \$ 9,325.14 which is 40 per cent of construction contract
Total Project Cost: \$ 35,000.00
Funding: Budget Account 210134 (Contract Repair 1979-80)

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 reported.

Mr. Havens:

Tom, I guess they had an estimate of cost on, I think, Dodd Hall of \$161,000. Of course, you got a low bid there with a 47 per cent contingency allowance. How come the contingency allowance would be so high?

Mr. Tom Smith:

Well, Mr. Havens, we would have liked to have had more work included in the contract than we had initially bid. When we looked at the bids, the next bidder was \$183,000 and we were fearful we were not going to get a satisfactory bid, so we diminished the amount of work initially included. Hopefully, we are going to add some work that we would like to do but did not include in the base bid.

Mr. Havens: Would that same thing hold true for Page Hall?

Mr. Tom Smith:

Well, this one, we're not sure what we are going to get into when we deal with taking out that old floor in there, and we might have some unknown conditions. I hope not to spend that contingency, but this again was a safety measure.

Mr. Havens:

You had one of them in there, Plumb Hall, where if the bidder didn't have the bond and went to the--

Mr. Tom Smith:

It went to the second bidder, but it was still within the estimate. He was improperly bonded.

November 30, 1979 meeting, Board of Trustees

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

Mr. Havens:

That's a difference of \$4,500. What was wrong with his bond, was he not used to bidding, didn't have a bond, couldn't get a bond?

Mr. Tom Smith:

This was a problem that the Division of Public Works called to our attention. They take the bids for us and do the contracting, and they recommended that it not be awarded to him on account of deficiency in the bid.

Mr. Jackson:

Most times the Department of Public Works would not know whether he was able to get a bond or whether he just didn't try or what, but it's a deficiency.

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

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TRAVEL POLICIES

Resolution No. 80-53

Synopsis: Revision of University Travel Policies is being proposed.

WHEREAS, the Office of Budget and Management has amended Rule 126-1-02 of the Administrative Code to increase the maximum reimbursement allowance for meals, lodging, and mileage for travel within Ohio by State employees on official business; and

WHEREAS, it is recommended that The Ohio State University's reimbursement rates for travel be revised to be consistent with those permitted under the rules adopted by the Office of Budget and Management and as recommended by the University's Office of Business and Administration:

NOW THEREFORE

BE IT RESOLVED, That the revised University travel policies and reimbursement rates, which are on file in the Office of the Board of Trustees, be adopted; and

BE IT FURTHER RESOLVED, That the revised travel policies be published and disseminated in the University *Operating Manual*.

Upon motion of Mr. Hilliker, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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November 30, 1979 meeting, Board of Trustees

AUTHORITY TO ACQUIRE TITLE TO GIFTS OF REAL PROPERTY

Resolution No. 80-54

Synopsis: Authority for pending property acquisition delegated for month of December 1979.

WHEREAS The Ohio State University Development Fund has had inquiries from potential donors who are considering making gifts of real property to the University prior to December 31, 1979; and

WHEREAS the next meeting of the Board of Trustees will not be until after December 31, 1979:

NOW THEREFORE

BE IT RESOLVED, That the Chairman of the Fiscal Affairs Committee of the Board of Trustees and the President and/or Vice President for Business and Administration be authorized, during the period from December 1, 1979 through December 31, 1979, inclusive, to acquire title in the name of the Board of Trustees to such gifts of real property that they determine, after appropriate review and evaluation, to be in the best interest of the University; and

BE IT FURTHER RESOLVED, That such gifts of real property made on or before December 31, 1979, be accepted as gifts to the University through the Development Fund from the respective donors through the conveyance of appropriate deeds to the Board of Trustees; and

BE IT FURTHER RESOLVED, That these gifts of real property be reported to the Board of Trustees at its next meeting.

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

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**ASSIGNMENT OF BENEFICIAL INTEREST - 7.37 ACRES OF LAND,
TRUMBULL TOWNSHIP, ASHTABULA COUNTY, OHIO**

Resolution No. 80-55

Synopsis: Sale of University's Beneficial Interest in 7.37 acres of land located in Ashtabula County.

WHEREAS the Board of Trustees of The Ohio State University is a beneficiary of the Trust created under Item 4 of the Will of Ivool Spafford, deceased; and

November 30, 1979 meeting, Board of Trustees

**ASSIGNMENT OF BENEFICIAL INTEREST - 7.37 ACRES OF LAND,
TRUMBULL TOWNSHIP, ASHTABULA COUNTY, OHIO (contd)**

WHEREAS the principal of said Trust is comprised of 7.37 acres of land located in part of lot 18 in Trumbull Township, Ashtabula County, Ohio; and

WHEREAS the appropriate University departments recommend the assignment of the University's beneficial interest in said property to John Thresher McMahan, Jr., and Kay Spafford McMahan for consideration of Twenty-Three Thousand, Seven Hundred Forty-Six and 80/100 Dollars (\$23,746.80) to The Ohio State University:

NOW THEREFORE

BE IT RESOLVED, That the President and the Treasurer be and they hereby are authorized to execute on behalf of the Board of Trustees of The Ohio State University, the Assignment of Beneficial Interest prepared by University Legal Counsel, for the assignment and transfer to said John Thresher McMahan, Jr., and Kay Spafford McMahan of The Ohio State University's rights and interests in said Trust created under Item 4 of the Will of Ivor Spafford.

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

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**LOAN APPLICATION - DEPARTMENT OF HOUSING
AND URBAN DEVELOPMENT**

Resolution No. 80-56

Synopsis: Loan Application with Department of Housing and Urban Development.

WHEREAS, on July 28, 1978, the Office of Residence and Dining Halls of the University submitted to the United States Department of Housing and Urban Development an application for a direct loan in the approximate amount of \$350,000 to finance the cost to the University of rehabilitating the heating, ventilating and air conditioning systems in the North Dormitory Complex so as to reduce fuel and energy consumption and other operating costs related to said systems; and

WHEREAS, on October 11, 1978, the United States Department of Housing and Urban Development issued its preliminary approval of said loan application and reserved a fund for the direct loan in the amount of \$362,000, which fund reservation will expire in April, 1980; and

WHEREAS, at the October 5, 1979 meeting, plans and specifications for the project known as "North Dormitories, Retrofitting of HVAC System" were approved:

November 30, 1979 meeting, Board of Trustees

**LOAN APPLICATION - DEPARTMENT OF HOUSING
AND URBAN DEVELOPMENT (contd)**

NOW THEREFORE

BE IT RESOLVED, That the Treasurer of The Ohio State University, be, and he hereby is authorized and directed on behalf of the Board, to take all actions necessary to complete the processing of the aforesaid loan application and to consummate the loan transaction, including executing loan application documents, loan agreements, promissory notes, and loan security documents pledging the "available receipts" of the University, as such term is defined in Section 3345.12(A) (9) of the Ohio Revised Code, as collateral for the payment of said loan.

Upon motion of Dr. Sirak, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

SECRETARY'S CERTIFICATE

Columbus, Ohio
November 30, 1979

The undersigned, Secretary of the Board of Trustees of The Ohio State University hereby certifies that the following resolution was duly passed by the Board of Trustees of The Ohio State University at a regular meeting on November 30, 1979:

WHEREAS, on July 28, 1978, the Office of Residence and Dining Halls of the University submitted to the United States Department of Housing and Urban Development an application for a direct loan in the approximate amount of \$350,000 to finance the cost to the University of rehabilitating the heating, ventilating and air conditioning systems in the North Dormitory Complex so as to reduce fuel and energy consumption and other operating costs related to said systems; and

WHEREAS, on October 11, 1978, the United States Department of Housing and Urban Development issued its preliminary approval of said loan application and reserved a fund for the direct loan in the amount of \$362,000, which fund reservation will expire in April, 1980; and

WHEREAS, at the October 5, 1979 meeting, plans and specifications for the project known as "North Dormitories, Retrofitting of HVAC System" were approved:

NOW THEREFORE

BE IT RESOLVED, That the Treasurer of The Ohio State University, be, and he hereby is authorized and directed on behalf of the Board, to take all actions necessary to complete the processing of the aforesaid loan application and to

November 30, 1979 meeting, Board of Trustees

**LOAN APPLICATION - DEPARTMENT OF HOUSING
AND URBAN DEVELOPMENT (contd)**

SECRETARY'S CERTIFICATE (contd)

consummate the loan transaction, including executing loan application documents, loan agreements, promissory notes, and loan security documents pledging the "available receipts" of the University, as such term is defined in Section 3345.12 (A) (9) of the Ohio Revised Code, as collateral for the payment of said loan.

The undersigned hereby further certifies that as of the date hereof the above resolution remains in full force and effect and has not been repealed, rescinded, modified, or otherwise amended.

IN WITNESS WHEREOF, the undersigned Secretary of the Board of Trustees of The Ohio State University has executed this Secretary's Certificate on the day and year first above written.

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INVESTMENT COUNSELORS

Resolution No. 80-57

Synopsis: Reappointment of Investment Counselors for management of the University's Investment Portfolio is recommended.

BE IT RESOLVED, That upon the recommendation of the Fiscal Affairs Committee the following investment policies pertaining to the University's Investment Portfolio be implemented in accordance with the terms and conditions set forth. .

Reappointment of Siebel Capital Management, Inc., to counsel the investment of \$3,500,000 of the Endowment;

Reappointment of Tallasi Management Company to counsel in the investment of \$5,000,000 of the Endowment.

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

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November 30, 1979 meeting, Board of Trustees

**ISSUANCE AND SALE OF THE OHIO STATE UNIVERSITY GENERAL
RECEIPTS BOND ANTICIPATION NOTES, SERIES 1979**

Resolution No. 80-58

Synopsis: Providing for the issuance and sale of The Ohio State University General Receipts Bond Anticipation Notes, Series 1979 is recommended.

WHEREAS, the Board of Trustees of The Ohio State University (the "Board"), is vested with the government of The Ohio State University (the "University" and, when the context admits, collectively with the Board called the "University") by Chapter 3335 of the Revised Code; and

WHEREAS, the University has previously determined, and does hereby confirm, that it has been necessary to construct and equip certain vehicular parking facilities on the campus of the University, comprised of two multi-level parking structures and appurtenances known as the 9th Avenue Parking Ramp and the 11th Avenue Parking Ramp, with an aggregate capacity for the parking of approximately 1,740 motor vehicles, and that it is necessary to install smoke detector equipment in 11,113 living units of University and University Housing Commission dormitories and other University living quarters and in the common areas of 25 University and University Housing Commission dormitory buildings, such vehicular parking facilities and smoke detector equipment being herein called the "Project"; and

WHEREAS, the costs of the Project constituting "costs of auxiliary facilities" as defined in Section 3345.12(A)(8) of the Ohio Revised Code (the "costs of the Project") are at least \$9,500,000; and

WHEREAS, the University proposes to borrow funds for the permanent financing of the costs of the Project, and for such purpose to issue its General Receipts Bonds (the "Bonds") at such time and in such principal amount as may be necessary for such purpose, pursuant to authorizing provisions of law including Sections 3345.11 and 3345.12 of the Ohio Revised Code; and

WHEREAS, the University has determined that it is necessary to issue, prior to and in anticipation of permanent financing of the costs of the Project, notes as provided in this resolution to pay the costs of the Project:

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

Section 1. It is hereby determined to be necessary to borrow, pursuant to Sections 3345.11 and 3345.12 of the Ohio Revised Code and for the purpose of paying the costs of the Project, the amount of \$9,500,000 and to issue General Receipts Bond Anticipation Notes, Series 1979 (the "Notes") to evidence such borrowing.

Section 2. The Notes shall be in the aggregate principal amount of \$9,500,000; shall be dated the date of issuance; shall bear interest from their date at a rate or rates not exceeding

ISSUANCE AND SALE OF THE OHIO STATE UNIVERSITY GENERAL RECEIPTS BOND ANTICIPATION NOTES, SERIES 1979 (contd)

ten per centum (10%) per annum, to be fixed by the Fiscal Officer in his certificate awarding the Notes pursuant to Section 6 hereof, such interest to be payable at maturity, or upon prepayment; and shall mature one year from date, but shall be prepayable in whole without penalty or premium at the option of the University at any time prior to maturity as provided in this resolution; shall be issued in such denominations as requested by the Original Purchaser and approved by the Fiscal Officer, provided that the entire principal amount may be represented by a single note; shall be numbered as determined by the Fiscal Officer; shall not have coupons attached; shall be signed in their official capacities by the Chairman of the Board or the President of the University and by the Fiscal Officer, provided that one of such signatures may be a facsimile signature; and shall express upon their faces the purpose for which they are issued and that they are issued pursuant to this resolution. Prepayment prior to maturity shall be made by deposit with the paying agent referred to in Section 5 (the "Paying Agent") of the principal amount of the Notes together with accrued interest thereon to the date of such prepayment. Such right of prepayment shall be exercised by notice, specifying the date fixed for prepayment and the place where the amounts due upon such prepayment are payable, which notice shall be given by the University by at least one publication in a newspaper or financial journal of national circulation published in the City and State of New York, and in a daily newspaper published and of general circulation in the City of Columbus, Ohio, such publication to be not less than ten days prior to the prepayment date, and in the case of the prepayment of notes in fully registered form, by mailing a copy of the prepayment notice by first class mail at least ten days prior to the date fixed for prepayment to the registered owner of each Note at the address shown on the registration book kept by the University; provided, however, that failure to give such notice by mailing, or any defect in such notice, shall not affect the validity of any proceedings for the prepayment of the Notes. If all of the Notes to be prepaid are at the time in fully registered form, notice given by first class mail to the owner or owners thereof not less than ten days prior to the date fixed for prepayment shall be sufficient and published notice of prepayment need not be given; provided, however, that in the event no published notice is given, failure to give such notice by mailing, or any defect in such notice, with respect to any Note shall not affect the validity of the prepayment proceedings with respect to any other Note. All Notes so called for prepayment will cease to bear interest on the prepayment date provided funds for their prepayment are on deposit at the main office of the Paying Agent at that time, and shall not be deemed to be outstanding hereunder.

Section 3. The Notes may be issued in registered form or in unregistered form as requested by the Original Purchaser, shall reflect the appropriate terms of the offer and sale thereof consistent with this resolution and with the Invitation for Proposals attached hereto, and may contain such other provisions, consistent with this resolution and with the Invitation for Proposals attached hereto, as the President of the University or the Fiscal Officer may approve.

Section 4. If the holder (in this section called the "owner") of a note issued pursuant to this resolution claims that such note has been lost, destroyed, or wrongfully taken, the Fiscal Officer is authorized to cause to be executed and delivered a new note (in this section called the "replacement note") of like date and tenor (specifying on its face, however, that

ISSUANCE AND SALE OF THE OHIO STATE UNIVERSITY GENERAL RECEIPTS BOND ANTICIPATION NOTES, SERIES 1979 (contd)

it is issued in place of the original note) in place of the original note, in accordance with and subject to the provisions of Section 1308.35, Ohio Revised Code, and of this section. The owner's notification and request pursuant to said Section 1308.35 shall be in writing, addressed to the Fiscal Officer and shall include evidence satisfactory to the Fiscal Officer of such loss, destruction, or wrongful taking and of his ownership. The Fiscal Officer is authorized to approve, so long as satisfactory to such officer, the indemnity bond that the owner shall file with the University as a condition to the issuance of a replacement note, and is further authorized to impose other reasonable requirements, including a requirement that the owner pay the reasonable expenses and charges of the University in connection with the issuance, execution and delivery of such replacement note, as conditions to the delivery of a replacement note.

Section 5. The principal of and interest on the Notes shall be payable at the main office of The Huntington National Bank of Columbus, Columbus, Ohio, or at such other bank designated by the Fiscal Officer in his certificate awarding the Notes pursuant to Section 6 hereof, such payment to be made in Federal Reserve Funds of the United States of America if the Original Purchaser shall so elect.

Section 6. The Notes shall be sold by the Fiscal Officer at a rate of interest not exceeding the limitation set forth in Section 2 hereof, at par and any premium, and in accordance with the provisions of the "Invitation for Proposals" attached hereto. The Fiscal Officer is hereby authorized and directed to deliver the Notes, when executed, to the Original Purchaser upon payment of the purchase price.

Section 7. As provided in this resolution, the principal of and interest on the Notes, together with the principal of and interest on any other notes that may hereafter be issued by the University on a parity therewith, shall be equally and ratably payable from, and secured by a pledge of and a lien on, the "General Receipts" of the University as defined in Section 1 of the General Bond Resolution adopted by this Board on May 7, 1971 (the "General Bond Resolution"), but subject to the existing pledge thereof to bonds issued or to be issued pursuant to the General Bond Resolution. The principal of and interest on the Notes shall also be equally and ratably payable from, and secured by a pledge of and lien on, the proceeds of the sale of bonds or notes issued pursuant to Sections 3345.11 and 3345.12, Ohio Revised Code, or other authorizing provisions of law to refund or retire the Notes in whole or in part. Neither the State of Ohio nor the University or its Board shall be obligated to pay the principal of or interest on the Notes from any other funds or source, and the Notes shall not be a claim upon or lien against any property of the State of Ohio, or any other property of or under the control of the University. The Notes, as to both principal and interest, are not debts or bonded indebtedness of the State of Ohio, are not general obligations of the State or the University, and the full faith and credit thereof are not pledged thereto. The holders of the Notes shall have no right to have any excises or taxes levied by the General Assembly of the State of Ohio for the payment of principal or interest.

In consideration of the loan evidenced by the Notes, the University covenants and agrees that it will do all things necessary to effect the issuance and delivery, prior to the maturity

November 30, 1979 meeting, Board of Trustees

**ISSUANCE AND SALE OF THE OHIO STATE UNIVERSITY GENERAL
RECEIPTS BOND ANTICIPATION NOTES, SERIES 1979 (contd)**

of the Notes, of bonds or notes for the refunding or retiring of the Notes, pursuant to Sections 3345.11 and 3345.12, Ohio Revised Code, or other authorizing provisions of law, in such principal amount as may be necessary to pay the principal of and interest on the Notes, that it will do all things necessary to sell such bonds or notes at the time provided above and will accept such price and such interest rate as shall be necessary in order to effect such sale, and that it shall apply the proceeds thereof to the extent necessary to make full payment of said principal of and interest on the Notes, and these obligations are established as duties specifically enjoined by law upon the University and its officers, and result from their respective offices, trust or stations within the meaning of Section 2731.01, Ohio Revised Code.

In connection with the aforesaid covenant, it is the present intention of the University that any bonds eventually issued to retire the Notes or notes issued to refund the Notes will be issued as General Receipts Bonds pursuant to the General Bond Resolution, and that such bonds shall have not to exceed 30 annual principal maturities and that the debt service thereon shall be on a substantially level debt service basis.

Section 8. The Fiscal Officer shall deposit the proceeds of the Notes to the Construction Fund hereby established for the Project. The Construction Fund is to be established by the Fiscal Officer as a separate account on the books of the University and to be held by the University in a deposit account or accounts, except when invested as hereinafter provided, and used to pay costs of the Project. The Fiscal Officer is hereby authorized and directed to establish and maintain such deposit account with a bank or trust company which is a member of the Federal Deposit Insurance Corporation.

The Fiscal Officer shall apply the Construction Fund to the payment of costs of the Project. If the payment is to be made with respect to an obligation under a contract relating to the Project, such payment shall be made only upon certification by a qualified architect or engineer that such payment is due under such contract.

The Construction Fund may be deposited in time deposits or invested by the Fiscal Officer in eligible investments as defined and subject to the provisions relating thereto stated in Section 1 of the General Bond Resolution, with such notice periods for withdrawal, maturities or redemption provisions, and in such amounts, as nearly as practicable, as will provide funds when needed to pay costs of the Project, but in any case maturing or redeemable at the option of the holder no later than eighteen months from the date of investment. Such investments and the proceeds of sale thereof shall constitute part of the Construction Fund and shall be maintained separately from other investments or funds of the University, and interest on such investments shall be deposited in the Construction Fund. Such investments shall be sold, exchanged, or collected from time to time by the Fiscal Officer.

Section 9. The University hereby covenants that it will restrict the use of the proceeds of the Notes 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 such Notes, so that the Notes will not constitute arbitrage bonds under Section 103(c) of the Internal

November 30, 1979 meeting, Board of Trustees

ISSUANCE AND SALE OF THE OHIO STATE UNIVERSITY GENERAL RECEIPTS BOND ANTICIPATION NOTES, SERIES 1979 (contd)

Revenue Code and the applicable income tax regulations under that Section. The Fiscal Officer, or any other officer having responsibility for issuing the Notes, is authorized and directed, alone or in conjunction with any of the foregoing or with any other officer or employee of or consultant to the University, to give an appropriate certificate of the University, for inclusion in the transcript of proceedings, setting forth the reasonable expectations of the University on the date of delivery of and payment for the Notes regarding the amount and use of the proceeds of the Notes and the facts, estimates and circumstances on which they are based pursuant to said Section 103(c) and the applicable income tax regulations thereunder.

Section 10. As used in this resolution, "Fiscal Officer" shall mean the Vice President for Business and Administration of the University, or, in his absence, the Treasurer of the University; "Original Purchaser" shall mean each financial institution or underwriter which initially purchases the Notes, as identified in the certificate of the Fiscal Officer awarding the Notes pursuant to Section 6 hereof; and references to any specified section of the Ohio Revised Code shall mean said section as it now exists and as it may from time to time be amended, supplemented or affected by later legislation, and shall include any provision enacted in substitution therefor or as a supplement thereto. Any reference in this resolution to an officer of the University or the Board shall refer to the person holding such office or, in the event of absence or vacancy in such office, then to the person performing the duties of such office.

Section 11. It is hereby found and determined that all formal actions of this Board concerning and relating to the adoption of this resolution were adopted in an open meeting of this Board, and that all deliberations of this 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, Ohio Revised Code.

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

INVITATION FOR PROPOSALS

\$9,500,000 THE OHIO STATE UNIVERSITY

GENERAL RECEIPTS BOND ANTICIPATION NOTES, SERIES 1979

The Ohio State University (the "University"), Columbus, Ohio, contemplates the issuance of general receipts bond anticipation notes in the principal amount of \$9,500,000 (the "Notes") in anticipation of the issuance of General Receipts Bonds, to pay the costs of certain University Facilities, consisting of the construction and equipping of new vehicular parking facilities and the installation of smoke detector equipment in University and University Housing Commission dormitories and other University living quarters.

November 30, 1979 meeting, Board of Trustees

INVITATION FOR PROPOSALS (contd)

Sealed proposals for the purchase of the Notes will be received by the University Treasurer at his office in 910 Lincoln Tower, the address of which is 1800 Cannon Drive, Columbus, Ohio 43210, until 12:00 o'clock, Noon, Eastern Standard Time on _____, 1979, at which time the proposals will be opened and read publicly.

The undersigned will conduct an informational meeting at the Fawcett Center for Tomorrow, the address of which is 2400 Olentangy River Road, Columbus, Ohio 43210, on _____, 1979 at _____ o'clock, Eastern Standard Time. At such meeting, those considering submitting proposals for the Notes may examine financial information concerning the "General Receipts", hereinafter referred to, of the University, and may ask questions of and receive answers from the undersigned concerning the Notes and the security therefor.

The Notes will be dated the date of issuance, will mature one year from date, will be prepayable in whole without penalty or premium at the option of the University at any time prior to maturity, will not have coupons attached and will bear interest from their date payable at maturity or upon prepayment.

Proposals may be for all or part of the \$9,500,000 principal amount of the Notes, provided that (i) each proposal for less than all of the Notes shall be in a whole multiple of \$500,000 and (ii) each proposal shall be in an amount not less than \$1,000,000. Each proposal shall be for the purchase of the Notes proposed to be purchased at not less than par, and shall state the principal amount proposed to be purchased and the interest rate or rates which said principal amount shall bear, but only one rate shall be specified for any given \$500,000 segment of Notes proposed to be purchased. "All or none" proposals with respect to any principal amount of Notes proposed to be purchased shall not be considered. Each proposal shall be in writing, on the form provided by the University, and enclosed in a sealed envelope endorsed "Proposal for General Receipts Bond Anticipation Notes, Series 1979."

The Notes or any portion thereof will be sold to the party or parties submitting the highest proposal therefor based on the lowest interest cost to stated maturity. Each segment of the Notes for which a given party submitting a proposal specifies a separate interest rate will be considered a separate proposal and any premium specified will be allocated pro rata among all the segments proposed to be purchased, unless separate premiums are specified for each segment. The lowest interest cost for each segment will be determined by taking the aggregate amount of interest to the stated maturity at the rate specified and deducting therefrom the amount of premium applicable thereto. The Notes will then be awarded in segments commencing with the segment for which the lowest interest cost was offered and continuing with the awards in order of interest cost offered, from lowest to highest; provided, however, in the event that two or more proposals specify the same lowest interest cost and the award to such parties submitting proposals would exceed the principal amount of the Notes offered for sale, the award as to such proposals will be made pro rata.

The University reserves the right to award to any party submitting a proposal all or any part of the Notes which such party submitting a proposal offers to purchase in its proposal on the basis of such proposal, except that partial awards shall be in the amount of at least \$500,000. In the event that a pro rata award would result in a partial award of less than

November 30, 1979 meeting, Board of Trustees

INVITATION FOR PROPOSALS (contd)

\$500,000, the successful party submitting a proposal with respect to that segment will be determined by lot. In addition, the University reserves the right to reject any or all proposals and to re-offer the Notes (in the same or in an increased or decreased aggregate principal amount) for sale, and also reserves the right to waive any informality, irregularity or defects.

The Notes will be payable at the main office of The Huntington National Bank of Columbus, Columbus, Ohio, or at such other bank designated by the University Vice President for Business and Administration, or the University Treasurer, as the case may be, in his certificate awarding the notes as provided in Section 6 of the note resolution authorizing the Notes; will be payable in Federal Reserve funds of the United States of America if so requested by the purchaser or purchasers; and will be in such numbers and denominations as may be requested by the purchaser or purchasers and approved by the Vice President for Business and Administration of the University, or in his absence, the University Treasurer.

Principal of and interest on the Notes and such other notes that may be issued on a parity therewith, are payable from the "General Receipts" of the University as defined in Section 1 of the General Bond Resolution adopted by the Board of Trustees of the University on May 7, 1971 (the "General Bond Resolution"), but subject to the existing pledge thereof to bonds issued or to be issued pursuant to the General Bond Resolution. Principal of and interest on the Notes are also payable from the proceeds of the sale of bonds or notes issued pursuant to Sections 3345.11 and 3345.12 of the Ohio Revised Code or other authorizing provisions of law to refund or retire the Notes in whole or in part. The holders of the Notes shall have no right to have any excises or taxes levied by the General Assembly of the State of Ohio for the payment of principal or interest.

Legal matters incident to the issuance of the Notes and with regard to the tax-exempt status of the interest thereon are subject to the approving legal opinion of Squire, Sanders & Dempsey, Bond Counsel, which will be furnished without cost to the successful party or parties submitting proposals at the time the Notes are delivered. Bond Counsel has not been engaged to confirm or verify, assumes no responsibility for, and expresses and will express no opinion as to the accuracy, completeness or fairness of any statements in any reports, financial information, offering or disclosure documents or other information relating to the University or the Notes that may be prepared or made available by the University or others, whether at the informational meeting referred to above or otherwise, to the parties submitting proposals for or holders of the Notes or others.

The University will furnish without expense the Notes which will be in printed form, and the cost of printing the Notes will not be considered in determining the highest proposal. A complete transcript of proceedings will also be furnished by the University together with a certificate that to the knowledge of the signers no litigation or administrative action or proceeding is pending or threatened at the time of delivery to restrain or enjoin or seeking to restrain or enjoin the issuance and delivery of the Notes, or to contest or question the proceedings and authority under which the Notes have been authorized, issued, sold, executed or delivered or the validity of the Notes.

The Notes will be delivered for payment at a single bank or trust company within the State of Ohio, or at a single bank or trust company in the City and State of New York, without

November 30, 1979 meeting, Board of Trustees

INVITATION FOR PROPOSALS (contd)

cost to the purchasers, such bank or trust company to be designated by the Vice President for Business and Administration of the University, or, in his absence, the University Treasurer. Unless other mutually satisfactory arrangements are made, each successful party submitting a proposal will be required to accept delivery of the portion of the Notes which were awarded to it at such place when so available.

Before making tender of the Notes, or any portion thereof for which award has been made, at the place of delivery, the University shall give written notice to the successful parties submitting proposals not later than the fifth business day before the proposed tender, of the fact that the Notes, transcript, no-litigation certificate and approving opinion will be available for delivery and giving the date and hour for the tender at the place of delivery; provided, however, that nothing herein contained shall prevent the making of a mutually agreeable arrangement for the delivery of the Notes either at the place fixed for delivery or elsewhere.

It is anticipated that the Notes will be available for delivery on or about _____, and payment therefor must be made in Federal Reserve funds of the United States of America. If such notice has not been given by the University or waived by the successful party submitting a proposal and the Notes, transcript, no-litigation certificate and approving legal opinion are not available for delivery to the successful party submitting a proposal at such place of delivery on or before 12:00 o'clock Noon Eastern Standard Time of the 45th calendar day after the day fixed for receipt of proposals, and the successful party submitting a proposal shall not be in default of any of its obligations, it shall thereafter, and so long as tender thereof by the University shall not yet have been made, have the right to cancel the contract of purchase by delivering to the office of the undersigned during regular business hours written notice of such cancellation.

In the event that, prior to their delivery, the interest on said Notes should, by act of Congress or otherwise, become subject to federal income taxes, or any act of Congress should provide that the interest income on said Notes shall be taxable at a future date for federal income tax purposes, whether directly or indirectly, the successful party or parties submitting proposals may refuse to accept delivery.

It is contemplated that the undersigned, acting pursuant to the authority conferred by the resolution authorizing the issuance of the Notes, will award the same promptly on the day on which proposals are received.

James W. Kristoff
University Treasurer
The Ohio State University
Telephone: (614) 422-6261

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November 30, 1979 meeting, Board of Trustees

LEASE AGREEMENT - 930 KINNEAR ROAD - WARNER CABLE CORPORATION
Resolution No. 80-59

Synopsis: Request for authorization to enter into an agreement for a lease with Warner Cable Corporation at 930 Kinnear Road.

WHEREAS the University has received requests from Warner Cable Corporation, a Delaware corporation, to lease 12,240 square feet of warehouse space in Building No. 2 located at 930 Kinnear Road, for an original term of two years and 349 days with two options to renew for five years each; and

WHEREAS it has been recommended by the appropriate University offices that said property be utilized as requested; and

WHEREAS it has been determined that the referenced building is not currently needed to carry out the educational mission of The Ohio State University:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to negotiate said transaction and enter into the necessary lease agreements on behalf of the Board of Trustees.

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

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EASEMENT - COLUMBIA GAS OF OHIO, INC. - EAST BANK OF OLENTANGY RIVER
Resolution No. 80-60

Synopsis: Request for authorization to enter into an agreement for the granting of an easement to Columbia Gas of Ohio, Inc., along the east bank of the Olentangy River.

WHEREAS the University has received a request for an easement from Columbia Gas of Ohio, Inc., for a twelve-inch and ten-inch gas line across the State of Ohio (The Ohio State University) lands commencing at King Avenue and the east bank of the Olentangy River and running a distance of approximately 1,653 feet north from this point generally along the east bank of the river; and

WHEREAS Columbia Gas of Ohio, Inc., had a previous easement granted on September 24, 1964, which ran approximately 1,288 feet north along the east bank of the Olentangy River from a point commencing at King Avenue and the east bank of the Olentangy River; and

WHEREAS the previous easement terminated on September 23, 1979; and

November 30, 1979 meeting, Board of Trustees

**EASEMENT - COLUMBIA GAS OF OHIO, INC. -
EAST BANK OF OLENTANGY RIVER (contd)**

WHEREAS construction of State Route 315 adjacent to the Olentangy River required Columbia Gas of Ohio, Inc., to relocate the existing underground gas lines, thus making the easement granted in 1964 no longer necessary and requiring this new easement for the re-located gas lines; and

WHEREAS the relocated gas line services the central campus area of The Ohio State University; and

WHEREAS The Ohio State University Office of Campus Planning and Space Utilization and the Office of Physical Facilities have reviewed this request for an easement and recommend that it be granted:

NOW THEREFORE

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

Upon motion of Dr. Sirak, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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DENTAL CARE GROUP INSURANCE PROGRAM

Resolution No. 80-61

Synopsis: A dental care group insurance program is proposed.

WHEREAS a survey several years ago of the University faculty conducted by the Faculty Compensation and Benefits Committee indicated that a dental care program held significant appeal among those faculty respondents; and

WHEREAS interest in this area of coverage over the past year has increased not only on the part of the faculty, but for staff members as well; and

WHEREAS the recent enactment by the General Assembly of a provision in the appropriations bill funding dental care coverage for other state employees has made the need for the University to consider this matter all the more urgent; and

WHEREAS this issue was recognized as one of the more critical items to be agreed upon in recent negotiations with employee organizations which represent staff members of the University; and

November 30, 1979 meeting, Board of Trustees

DENTAL CARE GROUP INSURANCE PROGRAM (contd)

WHEREAS it is the recommendation of the Administration that a group dental care insurance program be established for all Regular faculty/staff of the University employed for 50 per cent or more time:

NOW THEREFORE

BE IT RESOLVED, That the Board authorize the President and/or the Vice President for Personnel Services to prepare dental care coverage bid specifications; to solicit, receive and analyze quotations; and to present to the Board a recommendation for a dental group insurance program to be established prior to the end of the 1979-80 academic year.

President Enarson made the following statement:

As we described this this morning (I think all of you were here for the meeting of the Fiscal Affairs Committee) dental care insurance is indeed a high priority of our faculty and it's clearly evident in the recommendations of our own internal Faculty Compensation and Benefits Committee. What brought this issue into sharp focus on our campus, of course, was the action of the General Assembly in appropriating and funding dental care coverage for other state employees. Following that, we did enter into discussions, as I indicated a moment ago, with our faculty; we did enter into collective negotiations with several employee organizations. And those agreements do include a commitment, a firm commitment by the University, to move ahead with the dental care program.

We have had a great deal of help from many different individuals and we are all extremely grateful for that help. We have had the help of several members of our Board, we have had the help of experts from our own faculty and I must say that the Faculty Benefits and Compensation Committee has dug very deeply into this matter and I am confident that we are going to fashion a program which is going to be one of the best that we can get. You are not committing yourself to any particular program if and when you adopt this proposal before you. The final proposal will involve a variety of options, I am sure, and will have to be weighed against what the University feels is affordable. It's possible that some members of the Board--particularly of the Committee--may have something to add to this. It was recommended by the Fiscal Affairs Committee.

Upon motion of Dr. Sirak, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT - AUDITOR OF STATE FOR THE OHIO STATE UNIVERSITY HOSPITALS
FOR THE PERIOD JULY 1, 1976 THROUGH JUNE 30, 1978**

Resolution No. 80-62

Synopsis: Report of Auditor of State for The Ohio State University Hospitals for the period July 1, 1976 through June 30, 1978 is recommended for acceptance.

November 30, 1979 meeting, Board of Trustees

**REPORT - AUDITOR OF STATE FOR THE OHIO STATE UNIVERSITY HOSPITALS
FOR THE PERIOD JULY 1, 1976 THROUGH JUNE 30, 1978 (contd)**

WHEREAS the Auditor of State is charged with the statutory responsibility for auditing accounts for all departments of the State, including State-assisted universities; and

WHEREAS the report of the Auditor of State for The Ohio State University Hospitals for the period July 1, 1976 through June 30, 1978, has been received and reviewed by the appropriate officers of the University; and

WHEREAS the accounts, records, files and reports of The Ohio State University Hospitals were found to be in order but certain recommendations were included in the report; and

WHEREAS the recommendations have been studied by the appropriate administrative officers and procedures have been developed in response to the changes recommended:

NOW THEREFORE

BE IT RESOLVED, That this report of the Auditor of State be received and filed with the official documents of the University.

Upon motion of Mr. Hilliker, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REPORT - STATUS OF CAPITAL IMPROVEMENTS BILL

President Enarson made the following statement:

Madam Chairman and members of the Board, I have only one item on which I wish to comment, or more precisely, on which I do not wish to comment but feel impelled to comment, and that's the Capital Improvements Bill and its fate. I am sure we all know from cursory reading of the newspapers that the Senate has acted, the House has also acted very quickly here, and the Capital Improvements Bill will be addressed by a joint conference committee sometime in early January. This University and this administration has been in full support of the bill as recommended by the Governor of the State of Ohio and as adopted by the House of Representatives. At the time of the action by the Senate, Dr. Cramblett issued a statement which is being distributed to you, and it was entirely appropriate that he should comment because a good part of the cut is taken in the health sciences area. I issued a fairly brief statement on November 29, and this has been made available to the press. I am not at all sure there is anything useful or helpful that I can say to add to this. I think the battle lines are drawn, as it were, between the House and the Senate on this matter. The position of this University has been made abundantly clear in every possible forum. As I think I reported to you by letter, we have responded to the best of our ability to Senator Meshel's inquiry. We did that in the form of a 13-page letter, so I don't think there is any doubt about where this University stands. I simply report this to the Board for their information.

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November 30, 1979 meeting, Board of Trustees

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 80-63

RESOLVED, That the report on the University's Investment Portfolio, dated November 16, 1979, 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, January 10, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

Patricia D. James
Chairman

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APPENDIX II

Degrees Conferred at

**THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION**

December 7, 1979

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HONORARY DEGREE

Robert M. Duncan - Doctor of Laws

Robert M. Duncan, Judge, U. S. District Court for Southern District, has been a distinguished member of the judiciary for thirteen years. Before his elevation to the United States District Court in 1974, Judge Duncan served as Judge, United States Court of Military Appeals from 1941 to 1974, Justice, Ohio Supreme Court from 1969 to 1971, and Judge, Franklin County Municipal Court from 1966 to 1969.

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Graduate School

Dean: Jules B. LaPidus

Doctor of Musical Arts

Randie Lee Blooding, Fort Collins, Colo.; B.M.E. (Colorado State University); M.M. (Southern Methodist University); *Music*; Dr. Marion R. Alesh and Dr. Herbert S. Livingston

Marya Hannum Giesy, Worthington; B.M. (Oberlin College); M.M.; *Music*; Dr. Michael D. Davis

Jack David Jenny, Columbus; B.Mus.; M.M.; *Music*; Dr. Marshall H. Barnes and Dr. Thomas H. Wells

Doctor of Philosophy

Hamid Saliman Abdalla, Khartoum, Sudan; B.V.Sc. (University of Khartoum); M.S.; *Microbiology*; Dr. Julius P. Kreier

Lillian Abrego, Columbus; B.A. (Our Lady of the Lake); M.S.; *Metallurgical Engineering*; Dr. James A. Begley

Joao Manuel Abreu, Itabuna, Brazil; Engenheiro (Universidade Rural de Brasil); Agrônomo Mestre (University of de San Paulo); *Entomology*; Dr. Roger N. Williams

Brent Larsen Adams, Heber City, Ut.; B.S. (University of Utah); M.S.; *Metallurgical Engineering*; Dr. John P. Hirtik

John Peter Aines, Jr., Rutland, Vt.; B.A., M.A. (University of Hartford); *Psychology*; Dr. Henry Leland

Linda Lee Arona, Brockport, N. Y.; B.S., M.S. (State University of New York, Brockport); *Physical Education*; Dr. Daryl L. Siedentop

Robert Lee Arnett, Arlington, Va.; B.A.; M.A.; *Political Science*; Dr. Philip D. Stewart

Bruce Joel Augustin, Columbus; B.S. (University of Delaware); M.S. (University of Idaho); *Agronomy*; Professor John L. Parsons and Dr. Keith J. Karnok

Shella B. Lazarus Auster, Columbus; B.S. (City College of the City University of New York); M.A. (Princeton University); *Chemistry*; Dr. Russell M. Pitzer

James Morris Bagby, Columbus; B.A. (University of Richmond); M.Ed. (University of Virginia); *Education*; Dr. Robert R. Lange

Anne Wiseman Bailey Oxford, B.S., M.Ed. (Miami University); *Home Economics*; Dr. Fern E. Hunt

John Albert Baker, Jr., Oxford, Miss.; B.S., M.B.A. (University of Rhode Island); *Business Administration*; Dr. H. Randolph Bobbitt, Jr.

Matthew Stephen Baldwin, Jr., Dayton; B.S. (Loyola University); M.A.; *Sociology*; Dr. Wen L. Li

John David Barrett, Columbus; B.S., M.S. (Virginia Polytechnic Institute); *Agricultural Education*; Dr. Robert W. McCormick

Ralph Leonard Becker, Columbus; B.A., B.S.Ed., M.A.; *Education*; Dr. Victor M. Rentel

Charles Armand Beirnard, Columbus; B.S., M.S. (University of Wisconsin); *English*; Dr. Richard D. Altick

Donn Alan Bennice, Elmore; B.S., M.Ed. (Bowling Green State University); *Physical Education*; Dr. Barbara A. Nelson

Michael Roy Berman, Columbus; B.S. (City College of the City of New York University); M.S.; *Physiology*; Dr. David H. Noyes

Peter Julian Blau, Columbus; B.S., M.S. (Lehigh University); *Metallurgical Engineering*; Dr. David A. Rigney

Marsha Stanfield Bordner, Marysville; B.A., M.A. (Bowling Green State University); *English*; Dr. John M. Muste

Rita Joanne Bova, Toledo; B.A., M.A.; *Education*; Dr. Donald R. Bateman

James Young Bradford, IV, Dallas, Tex.; B.A. (University of Texas); *Entomology*; Dr. David L. Denlinger

Linda Haines Briesemeister, South Milwaukee, Wis.; B.A. (University of Wisconsin); M.A.; *Anthropology*; Dr. Frank E. Fovier

Maurice DuPont Brooka, Columbus; B.S. (Otterbein College); M.A.; *Psychology*; Dr. John E. Herrocks

Theodore James Bunck, Cape Coral, Fla.; B.S. (Florida State University); M.A. (Western Michigan University); *Psychology*; Dr. Barbara A. Edmonson

Paul Robert Burden, Muncie, Ind.; B.S., M.S. (State University of New York at Buffalo); *Education*; Dr. James K. Duncan

James Nathaniel Collicot, Dayton; B.S. (University of Colorado); M.B.A.; *Business Administration*; Dr. Orlando C. Behling

Kirt Michael Campion, Montello, Wis.; B.S. (University of Wisconsin); M.S. (University of Nebraska); *Geology and Mineralogy*; Dr. Kenneth O. Stanley

Narelle Genevieve Carey, Sydney, Australia; B.A., M.Ed. (University of Sydney); *Education*; Dr. Morris E. Gilliom

Sou-Jen Uny Chang, Pingtung, Taiwan; B.S. (National Taiwan Normal University); *Chemistry*; Dr. Harold Shechter

Pai-Chie Chen-Chow, Taipei, Taiwan; B.S. (National Taiwan University); *Pharmacy*; Dr. Sylvan G. Frank

Donald George Churma, Lansing, Mich.; B.S., M.A. (Michigan State University); *Linguistics*; Dr. David L. Stampe

James Frank Cirrito, Rochester, N. Y.; B.S.Ed., M.S. (Ohio University); *Physical Education*; Dr. Edward L. Foz

Robert Wayne Cobb, Worthington; A.B. (Miami University); *Geography*; Dr. Lawrence A. Brown

Elisabeth Federman Cohn, Columbus; B.A. (Wellesley College); M.S.W. (Columbia University); *Social Work*; Dr. Richard R. Medhurst

William Thomas Collins, Columbus; B.A. (Ohio Wesleyan University); M.S. (University of Kentucky); *Veterinary Pathobiology*; Dr. Charles C. Capen

Jeffrey Alan Colwell, Columbus; B.S., M.S. (University of South Florida); *Metallurgical Engineering*; Dr. Robert A. Rapp

Joel Barry Cornacoff, Grandview Heights; B.S., M.S.; *Microbiology*; Dr. Melvin S. Rheins

Sandra Allen Crockett, Beckley, W. Va.; B.S. (West Virginia State College); M.S. (Xavier University); *Education*; Dr. Anthony C. Riccio

Susan Schwartz Danziger, Columbus; B.A., M.A.; *Sociology*; Dr. Alfred C. Clarke

Karl Veltman Dick, Jr., Mayfield, Ky.; B.A., M.S. (Murray State College); *Education*; Dr. Donald J. Tosi

Christine Frances Donaldson, Columbus; A.B. (Guilford College); M.A.; *History*; Dr. Michael W. Curran

Betsy Lynne Dresser, Cincinnati; B.S., M.S.; *Animal Science*; Dr. Thomas M. Ludwig

Craig Billig Folts, Cranford, N. J.; B.A. (Dartmouth College); *Astronomy*; Dr. Eugene R. Capriotti

James David Foster, Portland, Oreg.; B.S. (Seattle Pacific College); M.A.; *Psychology*; Dr. Henry R. Angelino

James Edwin Fugate, III, Big Stone Gap, Va.; A.B. (Asbury College); M.A.; *Education*; Dr. Jack E. Frymter

Carole Joy Garrison, Atlanta, Ga.; A.B. (University of Miami); M.G.A. (Georgia State University); *Public Administration*; Dr. Sven B. Lundstedt

Bonnie Jean Rhoades Garvin, Columbus; B.S., M.S.; *Communication*; Dr. Donald J. Cegala

Hubert George Geahigan, West Lafayette, Ind.; B.F.A. (Philadelphia Museum College of Art); A.M. (University of Illinois); *Art Education*; Dr. Arthur D. Efland

Diane Fuhrop Gerken, Carroll; B.S. (Capital University); D.V.M.; *Veterinary Physiology and Pharmacology*; Dr. Roger A. Yeary

Roderick David Goman, Columbus; B.A., M.A.; *Linguistics*; Dr. David L. Stampe

Abduljaleel Yonan Hanoodi, Mosul, Iraq; B.S. (Mosul University); M.S.; *Agricultural Education*; Dr. Robert W. McCormick

Joanna Leslie Hart, Columbus; B.A., M.A.; *Education*; Dr. Herman J. Peters

Richard William Henning, Portage, Mich.; B.I.E., M.S.; *Industrial and Systems Engineering*; Dr. Walter C. Giffen

- Daniel Randolph Henton, St. Louis, Mo.; B.S. (University of Saint Louis); *Chemistry*; Dr. John S. Suenton
- Hing Kong Ho, Hong Kong, China; B.Sc. (Chinese University of Hong Kong); *Physiological Chemistry*; Dr. John S. Rieske
- Steven Kendall Holloway, Columbus; B.A., M.A.; *Political Science*; Dr. James E. Harf
- Derq Howlett, West Chester, Pa.; A.B. (Princeton University); M.A. (West Chester State College); *Music*; Dr. Richard H. Hoppin and Dr. Keith E. Mizter
- Hung-Yu Hsiao, Taipei, Taiwan; B.S. (National Taiwan University); *Biochemistry*; Dr. Garfield P. Royer
- William Pinckney Huffman, III, Euclid; B.S., B.S. (Massachusetts Institute of Technology); M.S.; *Mathematics*; Dr. Stefan Drobot
- Clifford Joseph Hurndon, New Orleans, La.; B.A. (University of Notre Dame); M.A.; *Psychology*; Dr. Harold B. Pepinsky
- Janet Kay Johnson, Houston, Tex.; B.S. (Louisiana Technical University); *Medical Microbiology*; Dr. Norman L. Somerson
- Sterling Johnson, Benton Harbor, Mich.; B.A. (Benedict College); M.A. (Bowling Green State University); *Political Science*; Dr. Chadwick P. Aiger
- Patricia Dolores Jones, Columbus; B.A. (State University of New York at Oswego); M.S.; *Zoology*; Dr. Tony J. Peterle
- Jan Eric Juterbock, Maineville; B.S. (Cornell University); M.S.; *Zoology*; Dr. Barry D. Valentine
- Candace Marie Kammerer, Fairborn; B.S. (Colorado State University); *Genetics*; Dr. Sydney S. Y. Young
- Joyce Kasner Karsko, Bay City, Mich.; B.S. (Western Michigan University); M.A.; *Psychology*; Dr. Delos D. Wickens
- Jeffrey Charles Keller, Prospect; B.Mus., M.A.; *Music*; Dr. A. Peter Costanza
- Carol Wylie Kennedy, Granville; B.S., M.S.; *Education*; Dr. Herman J. Peters
- Margaret Wagner Kessel, Columbus; B.S. (Oregon State College); M.S. (University of Massachusetts); *Home Economics*; Dr. Virginia M. Vintan
- Kwang Chul Kim, Columbus; B.S., M.S. (Seoul National University); *Pharmacy*; Dr. Allan M. Burkman
- Kap Hoi Koo, Batavia; B. Anim.; M.S. (Kun Tuk University); M.S.; *Animal Science*; Dr. Herbert W. Oekerman
- Tung Li, Taipei, Taiwan; B.S. (Tunghai University); M.S. (North Texas State University); M.S. (University of California, Riverside); *Biophysics*; Dr. Philip B. Hollander
- Hazel Jean Linton, Pine Bluff, Ark.; B.S. (University of Arkansas); M.Ed. (University of Cincinnati); *Education*; Dr. John O. Cooper
- Amos John Loveday, Jr., Columbus; B.S., M.A.; *History*; Dr. M. Roe Smith and Dr. John C. Burnham
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- John Augustine Martin, III, Hingham, Mass.; B.S. (Springfield College); M.A.; *Physical Education*; Dr. Barbara Nelson
- Phyllis Wojciechowski Martin, Lancaster, N. Y.; B.A. (Niagara University); *Genetics*; Dr. Donald H. Dean
- George Mass, Powell; A.B. (Gettysburg College); M.A.; *Psychology*; Dr. W. Bruce Walsh
- Jeffrey James McCarthy, Amanzimtoti, South Africa; B.A. (University of Natal); *Geography*; Dr. Kevin R. Cox
- Marvin Grendel McKimpon, Columbus; B.S. (Iowa State University); M.S.; *Metalurgical Engineering*; Dr. Paul G. Shewmon
- John Kofi Mensah, Edweso, Ghana; B.S. (University of Guelph); M.S.; *Agricultural Engineering*; Dr. Gordon L. Nelson
- Michael William Metzler, Salamanca, N. Y.; B.A. (Tufts University); M.Ed. (East Stroudsburg State College); *Physical Education*; Dr. Daryl L. Siedentop
- Glenn Scott Middleton, Sidney; B.S., M.S.; *Education*; Dr. Herman J. Peters
- Michael Joseph Moffitt, Cuyahoga Falls; B.S.; *Biochemistry*; Dr. Gary E. Means
- Rosetta Beatrice Taylor Moore, Wooster; A.B. (Harris Teachers College); M.Ed. (Saint Louis University); *Education*; Dr. Robert J. Silverman
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- Donald Dominic Muccio, Columbus; B.S.; *Biophysics*; Dr. Joseph Y. Cassin
- Rein Roman Mutso, Columbus; B.E. (McGill University); *Metalurgical Engineering*; Dr. George R. St. Pierre
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- Christine Ann Nesterick, Erie, Pa.; B.A. (Clarion State College); *Pharmacy*; Dr. Ralf G. Rakwan
- Mark Newton, III, Louisville, Ky.; B.A., M.A. (Western Kentucky University); *Education*; Dr. James K. Duncan
- Robert Franklin Nisbett, Kent; B.S.Ed.; M.A. (Kent State University); *Music*; Dr. Herbert S. Livingston
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- Rodney Takashi Ogawa, Pasadena, Calif.; B.S. (University of California, Los Angeles); L.A.U.T. (Occidental College); M.A. (California State University, Los Angeles); *Education*; Dr. Walter G. Hack
- Chris Ama Onwuzulike, Abba, Nigeria; B.S. (University of Nigeria); M.A. (University of Detroit); *Psychology*; Dr. John E. Horrocks
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- Cynthia Omara Pace, Columbus; B.A. (Temple University); M.A. (Xavier University); *Health Education (Physical Education)*; Dr. Robert Kaplan
- Veena Krishnaji Parnaik, Bombay, India; B.S., M.S. (University of Bombay); *Chemistry*; Dr. Robert M. Mayer
- Carol McEwen Phelps, Dallas, Tex.; B.A. (Wellesley College); M.Ed. (University of Hawaii); *Education*; Dr. C. Ray Williams
- Ronald Eugene Pitts, Columbus; B.S. (University of Arizona); *Astronomy*; Dr. Gerald H. Newsum
- Craig Alan Poffenberger, Polo, Ill.; B.S. (University of Illinois); *Chemistry*; Dr. Andrew A. Wojcicki
- Barbara Jane Dinkel Pollock, Rocky River; B.A. (Wittenberg University); M.S.; *Genetics*; Dr. Nathan S. Feckheimer
- Douglas Carl Prasher, Columbus; B.S.; *Biochemistry*; Dr. David H. Ives
- Syed Burhanullah Qadri, Hyderabad, India; B.S. (Osmania University); M.S. (Kent State University); M.S.; *Physics*; Dr. Bernard Mulligan
- Margaret Gordon Raines, Columbus; A.B. (Middlebury College); M.A.; *Education*; Dr. Donald J. Tost
- Timothy Allen Reinhardt, Wooster; B.S., M.S.; *Dairy Science*; Dr. Harry R. Conrad
- Robert Charles Reynolds, Columbus; B.S.; *Astronomy*; Dr. Eugene R. Capriotti
- Todd Armstrong Reynolds, Salina, Kans.; A.B., M.A. (Eastern Kentucky State College); *History*; Dr. Merton L. Dillon
- Patricia Holt Sackett, Port Washington, Wis.; B.S. (Marquette University); *Chemistry*; Dr. Richard L. McCreery
- Robert Benton Schwartz, Jr., Columbus; B.S. (University of Illinois); M.S.; *Agricultural Economics and Rural Sociology*; Dr. Robert E. Jacobson
- Carol Louise Cook Sensbach, Oxford; B.S.Ed., M.Ed. (Miami University); *Home Economics*; Dr. Fern E. Hunt
- Carol Ann Shulko, Columbus; B.S.Ed. (Bowling Green State University); M.S.; *Genetics*; Dr. Sydney S. Y. Young
- Edward Ivan Sidlow, Oxford; B.S. (Eastern Michigan University); M.A.; *Political Science*; Dr. Herbert B. Asher

- Patricia Ann Skinner, Columbus; B.S., M.A. (Western Michigan University); *Education*; *Dr. Lonnie H. Wagstaff*
- Richard Louis Slaven, Columbus; B.S. (Kent State University); M.S.; *Education*; *Dr. Arthur E. Wohlers*
- Bernice Dunbar Smith, Columbus; B.A. (Paine College); M.Ed. (Loyola University of Chicago); *Education*; *Dr. C. Ray Williams*
- Gregory Clifford Smith, Columbus; B.S. (Principia College); M.S.; *Physics*; *Dr. Carl E. Nielsen*
- Janet Ellen Spierer, Brooklyn, N. Y.; B.A. (State University of New York, Brooklyn); M.P.A. (University of Texas); *Public Administration*; *Dr. Sven B. Lundstedt*
- David Ethan Stark, Cleveland; A.B. (Oberlin College); M.A.; *History of Art*; *Dr. Mathew Herban, III*
- Joseph Thomas Tolliver, Columbus; B.A., M.A.; *Philosophy*; *Dr. Marshall W. Swain*
- Katherine O'Neil Tracey, Columbus; B.A. (College of Wooster); M.A.; *Education*; *Dr. John B. Hough*
- George Yeagley Travis, Columbus; B.A., M.Ed. (Kent State University); *Education*; *Dr. William D. Dowling*
- Rita Marie Turkall, Massillon; B.A. (Kent State University); *Pharmacology*; *Dr. Joseph R. Bianchine*
- Virginia Grace Tuttle, Atlanta, Ga.; B.A. (University of Arizona); M.A.; *History of Art*; *Dr. Franklin M. Ludden*
- Sue Ann Vartuli, Endicott, N. Y.; B.S. (State University of New York, Oneonta); M.S.; *Education*; *Dr. Charles H. Wolfgang*
- Shirley Krull Verdugo-Perez, Riverside, Ill.; B.A. (Clarke College); M.A. (University of Wisconsin); *Education*; *Dr. John C. Belland and Dr. Leonard O. Andrews*
- Janet Friedes Wagman, New Castle, Pa.; B.S. (Youngstown State University); M.S. (Texas Woman's University); *Education*; *Dr. William D. Dowling*
- Thomas Edward Ward, Columbus; B.S., M.S.; *Microbiology*; *Dr. James I. Frear*
- Richard George Warner, Columbus; B.A. (University of Connecticut); M.A. (University of Maine, Orono); *Linguistics*; *Dr. Arnold M. Zwicky*
- Mary Catherine Carlson Wells, Westerville; A.B. (Otterbein College); M.A. (Bowling Green State University); *Education*; *Dr. Charles M. Galloway*
- John Arnold Wichita, Columbus; A.B. (California State University, San Diego); M.A.; *Political Science*; *Dr. Randall B. Ripley*
- Patrick Man-Kwong Wong, Stratford, Conn.; B.S. (University of New Hampshire); M.S.; *Computer and Information Science*; *Dr. Thomas G. DeLutis*
- Toshiaki Yamamoto, Columbus; B.S., M.Eng. (Sophia University); M.S. (University of Illinois); *Mechanical Engineering*; *Dr. Henry R. Velkoff*
- Bradley Lyle Yoder, North Manchester, Ind.; B.A. (Goshen College); M.A. (Indiana University); *Social Work*; *Dr. Joseph J. Parnicky*
- Hans Peter Zassenhaus, Columbus; B.S. (California Institute of Technology); *Developmental Biology*; *Dr. Philip S. Perlman*
- Michael George Ziegler, Columbus; B.A. (Otterbein College); M.S.; *Physics*; *Dr. Walter W. Wada*
- Linn Lawrence Zimmer, Columbus; B.S. (Wayne State University); *Chemistry*; *Dr. Gary G. Christoph and Dr. Daryl H. Busch*
- Master of Accounting**
- Ruth Georgian Garner, Circleville; B.B.A.; (University of Cincinnati); *Accounting*
- Uche S. Okefor, Nigeria; B.S.B.A. (Aquinas College); M.A. (Western Michigan University); *Accounting*
- Jane Lynn Trench, Mentor; B.A. (Mount Union College); *Accounting*
- James Keith Wilson, Dayton; B.S.Nat.Res.; *Accounting*
- Master of Applied Statistics**
- Stanley Joseph Armitage, Cincinnati; B.S. (Miami University); *Statistics*
- Syed Samiullah Qadri, Hyderabad, India; B.Sc. (Omanian University); A.I.F.C. (Indian Forest College); Diploma (Indian Photointerpretation Institute); *Statistics*
- Master of Architecture**
- Yung-Kee Chou, Taipei, Taiwan, Republic of China; B.Architecture (Taipei); *Architecture*
- Pasquale Charles Grado, Brooklyn, N. Y.; B.Arch.; *Architecture*
- Timothy Lee Gregg; B.S.Arch.; *Architecture*
- Ronald Albert Straka, Boulder, Colo.; B.Arch. (University of Cincinnati); *Architecture*
- Master of Arts**
- Jeanne Ramseyer Allen, Columbus; B.S.Ed.; *Education*
- Susan K. Alumbaugh, Monmouth, Ill.; B.A. (University of Northern Colorado); *Journalism*
- Carol Marlene App, Bridgeton, N. J.; A.B. (Kenyon College); *Public Administration*
- Barbara R. Avery, Worthington; B.S. (Kent State University); *Art Education*
- Paul R. Baldrige, Columbus; B.S.Nat.Res.; *Public Administration*
- Nancy Adams Ballard, Bakersfield, Calif.; A.A. (Bakersfield Junior College); B.F.A. (University of Arizona); *Art Education*
- Stephen P. Balogh, Columbus; B.S.Ed.; *Education*
- William Cloice Beam, Orrville; B.A. (College of Wooster); *Physical Education*
- Lenora A. Beasley, Philadelphia, Pa.; A.A. (Philadelphia Community College); B.S.; *Education*
- Margarette Denise Bell, Spartanburg, S. C.; B.S. (Benedict College); *Physical Education*
- Edna H. Berry, Worthington; B.A. (Westminster College); *Sociology*
- Marie Robinson Black, Columbus; B.S.; *Education*
- Scott Eldon Borisoff, Glendale, Calif.; B.S. (California State University); *Physical Education*
- Cheryl Lynn Brandon, Winston-Salem, N. C.; B.A. (Winston-Salem State University); *Communication*
- Dwight E. Brooks, Yeadon, Pa.; B.A. (East Stroudsburg State College); *Communication*
- Mutual Burton, Columbus; B.R.E. (Lutheran Theological Seminary); M.T.S. (Aeonon Bible College); *Black Studies*
- Richard V. Carrick, Columbus; B.A. (Allegheny College); M.S.W.; *Public Administration*
- Karen S. Carson, Memphis, Tenn.; B.S. (Memphis State University); *Education*
- Charlotte Goins Carter, Columbus; B.S.; *Education*
- Karen Marie Cecile, Syracuse, N. Y.; B.A. (Syracuse University); *Psychology*
- Hobbie Lynn Ceester, Columbus; B.A. (College of Wooster); *Education*
- Brenda Faye Chaney, DeMotte, Ind.; B.A.; *Sociology*
- Donald Campbell Clokey, London; B.A. (Carleton College); M.Div. (Union Theological Seminary); *Education*
- Stephen Michael Cobb, Hilliard; B.A. (College of Wooster); *Physical Education*
- Alexandra Coe, Columbus; B.A.; *Classics*
- Rose Mariani Cost, Newark; B.S.Ed.; *Education*
- Aida Apter Cragnolino, Worthington; Lawyer (Universidad de Buenos Aires); *Education*
- Nancy Louise Marm Crumrine, Westerville; B.S.Ed. (California State College); *Education*

- Linda Barnes Cummings, Columbus; B.A. (University of Iowa); *Education*
- Lauri J. Dagher; B.A. (Wittenberg University); *Sociology*
- Lynn Ann Darby, Cambridge; B.S.; *Physical Education*
- Lynn A. Demojzes, Dayton; B.M. (Otterbein College); *Music*
- Susan M. Doll, Ashtabula; B.A. (Kent State University); *History of Art*
- Stephen James Donahue, Wakefield, Mass.; B.S. (University of Massachusetts); *Physical Education*
- Donna Gilmore Donovan, Columbus; B.S.; *Education*
- Ronald H. Doughty, Columbus; B.S. (Bowling Green State University); *Political Science*
- Kathryn Miller Dunkin, Wooster; B.S. (Bowling Green State University); *Education*
- Deborah Shipley Earlenbaugh, Columbus; B.S.H.E.; *Physical Education*
- Stanley W. Embry, Jr., Louisville, Ky.; B.S. (National College of Education); *Education*
- Mark Edward Emmert, Zanesville; B.A. (Bowling Green State University); *Communication*
- Ali Abdussalam Errabiel, Tripoli, Libya; B.S. (Ohio University); *Education*
- Joseph J. Featherston, Columbus; B.S. (Wilmington College); *Education*
- Steven Feldgaier; B.A. (McGill University); *Psychology*
- Jacoba G. C. Fessehazion, Columbus; B.A. (Mt. Vernon Nazarene College); *Education*
- Michael H. Fleming, Menomonee Falls, Wis.; B.A. (University of Wisconsin—Madison); *Geography*
- Bridget J. Floyd, Tusculumbia, Ala.; B.A. (Fisk University); *Psychology*
- Willie Francis, Delray Beach, Fla.; B.A. (Bethune-Cookman College); *Sociology*
- Allan Parker Fuller, Boston, Mass.; B.S. (Bowling Green State University); *Education*
- Amelia Gallagher, Canton; B.S.; *Psychology*
- Sally M. Garst, Granville; B.S. (Miami University); *Education*
- Janet Boley Gauntner, Columbus; B.S. (Ohio University); *Education*
- Susan L. Emmert Gease, Columbus; B.S.; *Education*
- Douglas Lee Geckeler, Columbus; B.A. (Capital University); *Education*
- Ann H. Geller, Keene, N. H.; B.A. (University of Vermont); *Physical Education*
- Donald James Ginder, Galion; B.S. (Bowling Green State University); *Education*
- Marion Jo Glick, Columbus; B.A. (Capital University); *Communication*
- Emily Carol Good, Wickliffe; B.M.; *Music*
- Patricia Slatzer Gordon, Columbus; B.Sc. (Capital University); *Art Education*
- David Ray Gorenflo, Marion; B.S.Ed.; *Education*
- Charlene Grossman, Akron; B.S. (University of Cincinnati); *Education*
- Nora C. Groves, Columbus; B.A. (Baldwin-Wallace College); *Political Science*
- Karen Dawson Haag, Rochester, N. Y.; B.S. (State College of New York at Buffalo); *Education*
- John Michael Hanson, Bloomfield, Ind.; B.S. (Western Kentucky University); *Education*
- David Lloyd Harding, Pittsburgh, Pa.; B.A.; *Public Administration*
- David Henry Harmon, Mansfield; B.A., B.S.; *Education*
- Susan Ingrid Hepler, Mt. Pleasant, Mich.; B.A. (Michigan State University); *Education*
- Darlene J. Herman, Columbus; B.A. (Wake Forest College); *Education*
- Frances Louise Hershey, Marion; A.A. (Weatherford Junior College); B.S.Ed., B.A.; *Education*
- Dora Mae Hill, Peebles; B.A. (Asbury College); *Public Administration*
- Constance Veronica Hines, Columbus; B.A. (University of West Indies); *Education*
- Jane R. Homan, St. Henry; B.S.; *Education*
- Azubike Festus Iloeje, Oboina, Eszagu, Nigeria; B.A. (University of Nigeria); *Black Studies*
- Lois E. Jackson, Columbus; B.A.; *Public Administration*
- Thomas Oliver Jackson, Merritt Island, Fla.; B.A. (University of South Florida); *Political Science*
- Paul Michael Janos, Bay Village; B.A. (Stanford University); *Psychology*
- Annette Elaine Beatty Jefferson, Columbus; B.S.; *Black Studies*
- Susan Stewart Jennings, Columbus; B.A. (Ohio Wesleyan University); *Journalism*
- Eleanor Margaret Johnson, Columbus; B.S.; *Education*
- Patricia Ann Johnson, Roanoke Rapids, N. C.; B.A. (North Carolina A & T); *Communication*
- Janina Mae Jolley, Torrance, Calif.; B.A. (California State University); *Psychology*
- Liliane Kahl, Beirut, Lebanon; Baccalaureat, Licence es lettres (University of Damascus); *Romance Languages and Literatures*
- James S. Kelly, Syracuse, N. Y.; B.A. (State University of New York at Oswego); *Philosophy*
- Steven Kemper, Sunrise, Fla.; B.A. (State University of New York at Cortland); *Geography*
- Kristen Ruth Jeffers Kerstetter, Columbus; B.S.; *Education*
- Gary R. Kidd, Wayland, Mass.; B.A. (University of Massachusetts); *Psychology*
- Jerry A. Kill, Spencerville; B.S.; *Physical Education*
- Duane M. Kirking, Lodi, Wis.; B.S. (University of Wisconsin); Pharm.D. (University of Kentucky); *Public Administration*
- Julia Brady Kohowski, Oberlin; B.S.; *Physical Education*
- Ellen R. Kreider, Goshen, Ind.; B.S. (Bluffton College); *Public Administration*
- Margaret Mary Lampe, Fairview Park; B.A.; *Anthropology*
- Shirley Powers Landis, Cedarville; B.M. (Ohio Wesleyan University); *Music*
- Diane Evenchik Lavin, Canton; B.S. (Ohio University); *Education*
- Betty A. Leeke, Columbus; B.S.Ed.; *Education*
- Bradley T. Lepper, Hudson; B.A. (University of New Mexico); *Anthropology*
- Derrick E. Lightfoot, Massillon; B.A.; *Public Administration*
- Michael Charles Mahaney, Zanesville; B.A.; *Anthropology*
- Gary D. Malaney, Columbus; B.S.; *Political Science*
- Ronnie D. Marshall, Westerville; B.S.Ed.; *Education*
- Susan McCabe, Baltimore; B.A.; *Anthropology*
- Robert McGivern, Costa Mesa, Calif.; B.S.Ed.; *Psychology*
- Roberta H. Miller, Columbus; A.B. (College of New Rochelle); M.A. (Hunter College of the City University of New York); *Anthropology*
- Peter Houston Milliken, III, Columbus; B.A. (New York University); *Journalism*
- Kenneth C. Millisor, Bremen; B.A. (Wright State University); M.A.; *Physical Education*
- Sharon Rose Morgan, Lima; B.S.Ed.; *Education*
- Nanciannne Donaldson Nardone, Columbus; B.A.; *Education*
- Larry Lee Nelson, Columbus; B.S.Ed.; *History*
- Andrew J. Neubauer, Baltimore, Md.; B.A. (University of Maryland); *Classics*
- Catherine Coulter Obermeyer, Columbus; B.S.; *Education*
- Gail Ogden, Valsalia, Calif.; B.A. (Long Beach State University); *Dance*
- Susan Nwanyiinna Okafor, Nsu, Nigeria; B.Sc. (University of Wisconsin, Madison); Diploma in Education (Ahmadu Bello University); *Education*
- Lillian Doris Pennington, Geneva; B.A. (Hiram College); *German*
- Ronald L. Pogue, Rochester, N. Y.; B.A. (Thomas A. Edison State College); *Education*
- Kathryn Lee Prendergast, Worthington; B.S.Ed.; *Physical Education*

Paul Eugene Preston, Washington C. H.; B.A. (Ohio University); *Education*

Ronald E. Pyles, Columbus; B.A. (Baldwin-Wallace College); *Journalism*

Debra Joanne Queen, Hamilton; B.M.E. (Georgetown College); *Music*

Mohammad Rabieh, Iran; B.Sc. (Tehran University); *Education*

Henry J. Reske, Detroit, Mich.; A.A. (Macomb County Community College); B.A. (Wayne State University); *Journalism*

Rebecca A. Ridenour, Columbus; B.S.Ed.; *Education*

Marilyn Goetschius Robbins, Columbus; B.S.; *Education*

Francine Romer, Toledo; B.A. (State University of New York at Buffalo); *Education*

Joseph Miles Rookard, Mahwah, N. J.; B.A. (Ramapo College of N. J.); *Journalism*

Peggy Sammons Ross, Wattsburg, Pa.; B.S. (Clarion State College); *Education*

Julie Walker Roudabush, Columbus; B.A. (Ohio Dominican College); *Education*

Margaret Jobes Royce, Worthington; B.S. (Concord College); *Education*

William Richard Sanders, San Leandro, Calif.; A.A. (Chabot Community College); B.A. (University of California, Berkeley); *Psychology*

Barbara Maria Schlote, Aachen, W. Germany; Vordiplom (Universität Marburg); *Anthropology*

Kim Nan Schneider, Chappaqua, N. Y.; B.A. (Brandeis University); *Anthropology*

Stephen W. Schondelmeyer, Sedalia, Mo.; B.S. (University of Missouri—Kansas City); Pharm.D. (University of Kentucky); *Public Administration*

Deborah Siegel Schultz, Columbus; B.A. (Northwestern University); *Education*

Arligh Roy Sharpe, St. Paul, Minn.; B.M. (Central Bible College); *Music*

Andrew Brackett Sherman, Plymouth, N. H.; B.A. (Cortland University); *Physical Education*

Cindy Sue Spillers, Columbus; B.A.; *Communication*

Patricia A. Steigauf, Kent; B.A. (Kent State University); *Dance*

Craig J. Steinebrej, Columbus; B.A.; *Education*

Jane Adda Stephan, Columbus; B.A. (Capital University); *Education*

Cheryl Ann Stewart, Circleville; A.B. (Miami University); *Education*

Noreen Slusser Stewart, Loudonville; B.S.B.A. (Franklin University); *Public Administration*

Elaine L. Strutner, Columbus; B.S.; *Education*

Arlene Ann Stuck, Columbus; B.S. (Capital University); *Education*

Janet H. Swartzentruber, Worthington; B.S. (Goshen College); *Education*

Andrew Charles Taggart, Melbourne, Australia; H.D.T.S. (State College of Victoria); B.Ed. (University of Western Australia); *Physical Education*

Joanne Taggart, Perth, Australia; B.Ed. (University of Western Australia); *Physical Education*

Stephen J. Toth, Groveport; B.A. (Capital University); *Political Science*

Sandra W. Travis, Orrville; B.A. (Ohio Dominican College); *Education*

Linda A. Trudeau, Bayonne, N. J.; B.S. (Pennsylvania State University); *Communication*

Barbara Astrida Trupovnicka, Hopedale; B.S.H.E.; *Public Administration*

Rebecca J. Vaas, Columbus; B.S. (Bowling Green State University); *Education*

Timothy Vance, Cleveland; B.A. (Central State University); *Psychology*

Mary E. Vaughn, Columbus; B.A. (Marshall University); *Education*

Louis Philip Vito, Rome, N. Y.; B.S. (St. Lawrence University); *Physical Education*

Barbara Anne Warner, Columbus; B.S. (Kent State University); *Education*

David Hiram Weaver, Columbus; B.A. (Kalamazoo College); *Psychology*

Carmen Anna Weber, Cincinnati; B.A.; *Anthropology*

Nancy Schickner Weber, Columbus; B.S.Ed.; *Education*

Ingrid Weiss, München, W. Germany; Zwischenprüfung (Universität München); *English*

Evelyn Rutland Whitted, Columbus; B.S. (Alabama A & M University); *Education*

Margaret Anne Winters, Gahanna; B.A.; *Communication*

Kathleen D. Woodrow, Columbus; B.M. (Ohio Wesleyan University); *Music*

Martha Rachel Woodruff, Livingston, N. J.; B.A. (Denison University); *History of Art*

Carolyn Lynn Young, Oberlin; B.A.; *Sociology*

Leonard A. Zalewski, Detroit, Mich.; B.A. (Wayne State University); *Political Science*

Master of Business Administration

Ziyad M. Al-Hajj, Lebanon; B.S.Bus.Adm., M.S.; *Business Administration*

Parine Hassan Al Jaddo, Baghdad, Iraq; B.S.; *Business Administration*

Joseph E. Backofen, Jr., Columbus; B.S., M.S. (Polytechnic Institute of Brooklyn); *Business Administration*

Stuart J. Benson, Jr., Columbus; B.A.; *Business Administration*

Leon Beuyukian, Beirut, Lebanon; B.S.Arch.; *Business Administration*

Stephen Grant Bowen, Columbus; B.A. (Miami University); *Business Administration*

Janice D. Buller, Columbus; B.A.; *Business Administration*

Thomas J. Carr, Columbus; B.S.Bus.Adm.; *Business Administration*

Gary Michael Ciprian, Euclid; B.S.Bus.Adm.; *Business Administration*

Emil S. Colucci, Columbus; B.S.Bus.Adm.; *Business Administration*

Thomas Wayne Craven, Columbus; B.S. (West Virginia University); *Business Administration*

Bruce Robert Croteau, Sandusky; B.S.Bus.Adm.; *Business Administration*

Carolyn A. Davidson, Middletown; A.B. (Indiana University); *Business Administration*

Joseph P. Dellavilla, Rochester, N. Y.; B.S. (State University of New York at Oneonta); *Business Administration*

Willard T. Fernald, Bexley; B.A.; *Business Administration*

Richard A. Fontaine, Columbus; B.S.Bus.Adm.; *Business Administration*

Gerald C. Gilliland, Columbus; B.S.Bus.Adm.; *Business Administration*

Robin Austin Harbage, Columbus; B.A. (The College of Wooster); *Business Administration*

Barbara Boughton Hieronymus, Columbus; B.S.; *Business Administration*

Vicki Denise Johnson, Miami, Fla.; B.S. (Bethune-Cookman College); *Business Administration*

Yoshihiro Katagi, Sakai, Osaka, Japan; B. of Economics (Osaka Prefecture University); *Business Administration*

Thelma Darlene Kennedy, Mobile, Ala.; B.A. (Clark College); *Business Administration*

Timothy C. Keny, Columbus; B.A. (Colgate University); *Business Administration*

Gerald E. Kline, Mansfield; B.I.A. (General Motors Institute); *Business Administration*

Harry Conrad Knapp, St. Clairville; B.S.Bus.Adm.; *Business Administration*

Kevin Lee Kramer, Delaware; B.S.C.E. (Furdue University); *Business Administration*

Katikineni Ashok Kumar, Hyderabad, India; B.Sc. (Osmania University); *Business Administration*

Richard Louis Manser, Columbus; B.S.B.A. (Bowling Green State University); *Business Administration*

Kenneth D. Marg, Cleveland; B.G.S. (University of Michigan); *Business Administration*

James Edward McKinney, Columbus; B.A. (Miami University); *Business Administration*

Mark Evans Miller, Lindsey; B.S.Bus.Adm.; *Business Administration*

P. Mohanan, Kerala, India; B.S.M.E. (University of Kerala); *Business Administration*

Edward J. Nime, Cincinnati; B.S. (University of Akron); M.S. (Kent State University); *Business Administration*

Yong-Hwan Oh, Seoul, Korea; B.S. (Seoul National University); *Business Administration*

Charlene Denise Powell, Durham, N. C.; B.S. (North Carolina State University); *Business Administration*

Sang Yup Rhieu, Seoul, Korea; B.A. (Yonsei University); *Business Administration*

Richard S. Rogers, Akron; B.A. (Hiram College); *Business Administration*

Carl Wayne Ross, Westerville; B.A. (Bowling Green State University); *Business Administration*

Kurt Jay Schoeppler, Chardon; B.B.A. (Kent State University); *Business Administration*

John Slagle, Galion; B.S.; *Business Administration*

Patrick R. Story, Columbus; B.A.; *Business Administration*

Evelyn Eileen Titus, Marysville; B.A. (Ohio Northern University); *Business Administration*

John David Titus, Marion; B.S.Bus. Adm.; *Business Administration*

Linda Tornes, Columbus; B.A. (Albertus Magnus College); *Business Administration*

Deborah L. Tucker, Mansfield; B.A. (Grove City College); *Business Administration*

David C. Wade, Columbus; B.A. (Wittenberg University); *Business Administration*

Richard Bradley Walker, Columbus; B.S. (Miami University); *Business Administration*

Pimpa Weerakitti, Tungmahamek, Bangkok, Thailand; B.A. (Chulalongkorn University); *Business Administration*

Robert E. Widing, II, Columbus; B.A.; *Business Administration*

JoAnna Gail Williamson, Columbus; B.A.; *Business Administration*

Kenneth U. Witcher, Axton, Va.; B.S. (Virginia State College); *Business Administration*

Master of City and Regional Planning

Barbara Anne Barhydt, Schenectady, N. Y.; B.A. (Cedar Crest College); *City and Regional Planning*

Valdis Guido Lazdins, Grand Haven, Mich.; B.L.A. (Michigan State University); *City and Regional Planning*

Master of Fine Arts

David R. Ettinger, University Heights; B.F.A. (Ohio University); *Art*

Marilyn Anderson Sundin, Granville; B.A. (Augustana College); *Theatre*

Master of Health Administration

Richard L. Stephenson, Jr., Columbus; B.A. (Pennsylvania State University); *Allied Medical Professions*

Master of Labor and Human Resources

Robert Gabriel Cohn, Great Neck, N. Y.; B.A. (Kenyon College); *Labor and Human Resources*

Master of Music

Steven Martin Bresnen, Columbus; B.M.; *Music*

Norma Constance Codisopti, Rocky River; B.M., B.M.E. (Baldwin-Wallace College); *Music*

Penelope Ann Speedie, Niagara Falls, Ontario, Canada; B.M. (University of Toronto); *Music*

David Bruce Williams, Thornville; B.M.; *Music*

Master of Science

Yusof Ahmad, Kuala Lumpur, Malaysia; B.A. (University of Malaya); *Agricultural Education*

Debra L. Allison, Pittsburgh, Pa.; B.S. (College of William and Mary); *Pharmacy*

Aruk Etim Amba, Calabar, Nigeria; B.Sc. (University of Nigeria); *Agricultural Education*

Jack Robert Ambuel, Brookfield, Wis.; B.A. (Carleton College); *Electrical Engineering*

James Hubert Andres, Floyds Knobs, Ind.; B.S. (Purdue University); *Mechanical Engineering*

Randy Lee Bailey, Marion; B.S.E.E.; *Electrical Engineering*

Daniel Scott Bargar, Valley City; B.S.M.E.; *Mechanical Engineering*

Thomas Jules Baribault, Metairie, La.; B.S. (Rensselaer Polytechnic Institute); *Genetics*

Paul Frederick Barnes, Cleveland Heights; B.S. (Grove City College); *Chemical Engineering*

Barbara Lynn Rice Barta, Columbus; B.S.Nurs.; *Nursing*

Garlena Ann Bauer, Columbus; B.S.Agr.; *Agricultural Economics and Rural Sociology*

Carlos Ramon Bautista-Garfias, Mexico City, Mexico; D.V.M. (National University of Mexico); *Microbiology*

Eugene A. Beer, Columbus; B.A. (Oberlin College); *Electrical Engineering*

Jane Showman Benfey, New York, N. Y.; B.A. (City College of New York); *Preventive Medicine*

Janice L. Berry, Columbus; B.S.; *Home Economics*

Gary Eugene Blosser, Baltimore; B.S.; *Allied Medical Professions*

Eric J. Boeldt, Madison, Wis.; B.S. (University of Wisconsin); *Metallurgical Engineering*

Cathy E. Faulcon Bowen, Roanoke Rapids, N. C.; B.S. (North Carolina A & T State University); *Home Economics*

James R. Brink, Columbus; B.S. (Muskingum College); M.S.; *Computer and Information Science*

Douglas Thacher Brown, Chillicothe; B.S.Ch.E.; *Chemical Engineering*

Florence M. Burch, Columbus; B.S.; *Home Economics*

Ken Wayne Burgener, Chesterland; B.S. (Miami University); *Electrical Engineering*

Eric Clark Butts, Grove City; B.S.; *Mathematics*

Craig Holycross Canaday, Pensacola, Fla.; B.A. (Miami University); *Plant Pathology*

Richard Reed Cantor, New York, N. Y.; B.S. (Michigan State University); *Agronomy*

Charles Patrick Cato, III, Columbus; B.S.; *Atmospheric Sciences*

Melinda N. Chen, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); *Pharmacy*

Paul Chi-Keung Chung, Taipei, Taiwan, R.O.C.; B.S. (Tamkang College of Arts & Science); M.S. (Florida Institute of Technology); *Metallurgical Engineering*

Brian Kent Cosens, Columbus; B.S.; *Electrical Engineering*

Michael Anthony Cunningham, Ida., Mich.; B.S.Ed.; *Zoology*

James U. Daly, Worthington; B.S.; *Mathematics*

Diane Eleftherakis Derocher, Lexington, Mass.; B.S.Nurs.; *Nursing*

Flavio Marcos Dias, Recife, Pernambuco, Brazil; B.S. (Universidade Federal Rural de Pernambuco); *Dairy Science*

Sister Judith Ann Dohner, Lorain; B.S.N. (University of Akron); *Nursing*

Thomas E. Doyle, Columbus; B.S.W.E.; *Welding Engineering*

Jeffrey M. Durrant, Fairborn; B.Sc. (Western Illinois University); *Geology and Mineralogy*

Bertrand Daniel Eardly, Dayton; B.S.; *Agronomy*

Jeffrey Stewart Ely, Columbus; B.S.; *Mathematics*

John R. Estadt, Belmont; B.A. (Kent State University); *Agricultural Education*

Cheryl Cash Evans, Powell; B.A. (University of Montana); *Home Economics*

Jeffrey A. Faber, Huron; B.S. (Denison University); *Geology and Mineralogy*

Rong Chin Fang, Taiwan, R.O.C.; B.S.E.E. (National Taiwan University); *Electrical Engineering*

Bruce A. Fingerhut, Broadview Heights; B.A. (Miami University); *Entomology*

Farzin Firoozmand, Tehran, Iran; B.S. (Aryamehr University of Technology); *Electrical Engineering*

- Michael H. Fleming, Menomonee Falls, Wis.; B.A. (University of Wisconsin—Madison); *Preventive Medicine*
- Jennifer Cotterill Flocken, Washington C. H.; B.A.; *Agricultural Economics and Rural Sociology*
- Carole J. Fries, Cincinnati; B.S.N. (University of Cincinnati); *Nursing*
- Deborah A. Giannini, Scottsdale, Ariz.; B.A. (University of Arizona); *Preventive Medicine*
- Joseph Lewis Gilbreath, Columbus; B.S.C.E.; *Civil Engineering*
- Frederick S. Glover, Chillicothe; B.S.Bus.Ad.; *Computer and Information Science*
- Angela Florence Gray, Newburgh, N. Y.; B.S. (State University of New York at Binghamton); *Microbiology*
- Carol Ann Greco, St. Louis, Mo.; B.A. (Saint Louis University); *Geodetic Science*
- Mary G. Gross, Amesbury, Mass.; B.A. (Merrimack College); *Home Economics*
- Karl Peter Gubert, Inkster, Mich.; B.S. (Michigan State University); *Animal Science*
- Maggie Raye Hicks, LaFayette, Ala.; B.S. (Alabama A & M University); *Home Economics*
- Alice Karen Hite, Granville; B.S.; *Home Economics*
- Gail Howard, Ridgewood, N. J.; B.S.; *Microbiology*
- James Michael Hyson, Brooklyn; B.S. (University of Pittsburgh); *Mathematics*
- Carol Buck Jaeger, Columbus; B.S. (Syracuse University); *Nursing*
- Bao-Chyuan Jenq, Columbus; B.S. (National Taiwan University); M.S. (National Chiao-Tung University); *Electrical Engineering*
- Sheliah Marie Johnson, Springfield; B.S. (Oakwood College); *Home Economics*
- Thomas Brown Johnston, Cleveland Heights; B.S. (College of William and Mary); *Zoology*
- Lynne A. Kanatas, Columbus; B.S.Nurs.; *Preventive Medicine*
- Shanno D. Kanwal, New Delhi, India; B.Sc. (Kurukshetra University); *Mathematics*
- Vinod Kanwal, New Delhi, India; M.Sc. (Kurukshetra University); *Mathematics*
- Robert W. Karkoska, Columbus; B.S. (University of Dayton); *Computer and Information Science*
- Margaret Ann Kerr, Columbus; B.S.N. (Indiana University); Diploma in Nursing (Riverside Methodist School of Nursing); *Nursing*
- Majid Keyhani, Tehran, Iran; B.S.M.E. (Tri-State University); *Mechanical Engineering*
- Kenneth L. Kiper; A.A. (Mount Vernon Nazarene College); B.S. (Olivet Nazarene College); M.S.; *Nuclear Engineering*
- Weida W. Kramer, Worthington; B.S.Nurs.; *Nursing*
- Nancy Lee Gindele Kranzley, Cincinnati; A.A. (Eastern Kentucky University); B.S.N. (University of Cincinnati); *Nursing*
- Nicholas Paul Krut, Youngstown; B.S.E.E. (Youngstown State University); *Electrical Engineering*
- Mark Allan Lamontia, Brecksville; B.S.M.E.; *Mechanical Engineering*
- John W. Laugle, Dayton; B.S. (University of Cincinnati); *Mechanical Engineering*
- Yung Lee, Taiwan, R.O.C.; B.S. (Tsing Hua University); *Physics*
- Chih-Ping Lin, Taipei, Taiwan, R.O.C.; B.S.C.E. (National Cheng Kung University); *Civil Engineering*
- Hong-Der Lin, Ping-Tong, Taiwan, R.O.C.; B.M. (Taipei Medical College); *Preventive Medicine*
- Alice K. Lindeman, Amherst; B.S.; *Agricultural Education*
- Wai-Chi Liu, Hong Kong; B.S. (University of Wisconsin); M.S.; *Chemical Engineering*
- Suk-Ching Jean Lui, Hong Kong; B.S. (Miami University); *Chemistry*
- Margaret L. Lutz, McComb; B.S.N.; *Nursing*
- Alphonse Shivachi Lwagasi, Kakamega, Kenya; B.Sc. (University of New Brunswick); *Geodetic Science*
- David Paul Marcinkowski, Boonville, N. Y.; A.A.S. (Morrisville Agricultural and Technical College); B.S. (Cornell University); *Dairy Science*
- Richard Lane Marshall, Lancaster; B.S.; *Pathology*
- Susan Marston, Stetsonville, Wis.; B.A. (University of Winnipeg); *Agricultural Economics and Rural Sociology*
- Kevin P. Martin, Columbus; B.S.; *Physics*
- Karin Elizabeth Meng, Dayton; B.S. (Miami University); *Microbiology*
- Calvin J. Miller, Fayette; B.S.; *Agricultural Economics and Rural Sociology*
- Ether R. Miller, Bremen; B.S. (Hampton Institute); *Nursing*
- Sandra M. Miller, Dublin; B.S. (Ohio University); *Home Economics*
- William J. Miller, Columbus; B.A. (Indiana University); J.D. (Harvard Law School); *Interdisciplinary: Civil Engineering, Zoology, Geology*
- Didier Mithouard, Paris, France; Diplome d'Ingénieur des Arts et Manufactures (Ecole Centrale des Arts et Manufactures); *Electrical Engineering*
- Homayoun Mohammadi, Tehran, Iran; B.S. (Utah State University); *Electrical Engineering*
- Ellen C. Moran, Framingham, Mass.; B.S. (University of Massachusetts); *Agronomy*
- James R. Morris, Lexington, Ky.; B.S.E.E. (University of Kentucky); *Electrical Engineering*
- Nelda Marlene Morrison, Westerville; B.S. (Western Kentucky University); *Allied Medical Professions*
- Danny J. Moulton, Lakeside; B.S. (Heidelberg College); *Engineering Mechanics*
- Debra Ann F. Mukasa, Zimbabwe-Rhodesia; B.A. (Otterbein College); *Home Economics*
- Suravut Nakswadi, Bangkok, Thailand; B.Sc. (Chulalongkorn University); *Ceramic Engineering*
- Nnadozie Nkemdirim Nkpa, Umuahia, Nigeria; M. Food Tech. (Institute of the Food Industry); *Chemistry*
- Deborah Jo Shal Nogle, Columbus; B.S. (Incarnate Word College); *Nursing*
- Mumtazah Binti Othman, Johor Bahru, Johor, Malaysia; B.S. (Louisiana State University); *Home Economics*
- Dora White Ottelin, Dublin; B.S.Nurs.; Diploma (Akron City Hospital School of Nursing); *Nursing*
- Robert Warren Parris, Valley Stream, N. Y.; B.A. (Hofstra University); *Zoology*
- Linda Louise Parrish, Spencer, W. Va.; B.S. (West Virginia University); *Environmental Biology*
- Deborah Jane Parsons, Chesterland; B.S.H.E.; *Home Economics*
- James Stephen Pavliga, Youngstown; B.E. (Youngstown State University); *Electrical Engineering*
- Ronald D. Pedersen, Perry, N. Y.; B.A. (State University of New York at Buffalo); *Environmental Biology*
- Virginia Pierce, Elyria; B.S. (University of Dayton); *Zoology*
- Nikki S. Polis, Columbus; B.S.N. (University of Kentucky); *Nursing*
- Tariq Qadir, Pakistan; B.E. (University of Karachi); *Metallurgical Engineering*
- David Allen Ralph, Columbus; B.S.; *Entomology*
- Mark Henry Ransick, Cincinnati; B.S.Met.E. (University of Cincinnati); *Metallurgical Engineering*
- Behrouz Ravangard, Tehran, Iran; Pharm.D. (Tehran University); *Pharmacy*
- William Robert Rice, New Philadelphia; B.S.M.E.; *Nuclear Engineering*
- Sidney A. Richard, Creston; B.A. (Goshen College); *Mathematics*
- Ernest E. Ross, Jr., Danville; B.S.; *Agricultural Education*
- Dorothea Shisler Rye, Waynesville; B.S.; *Nursing*
- Nancy Sachs, London; B.S.; *Preventive Medicine*
- Jan Louis Sally, Columbus; B.S. (Capital University); *Zoology*
- John Philip Sauer, Mentor; B.S.M.E.; *Metallurgical Engineering*
- Thomas Jonathan Savage, Darien, Ill.; B.S.M.E. (University of Toledo); *Mechanical Engineering*
- Paul Mark Savina, South Hadley, Mass.; B.S. (Massachusetts College of Pharmacy); *Pharmacy*
- Karen Mabo Schottenstein, Whitehall; B.A.; *Home Economics*
- Alan Edward Schwartzbard, Clifton, N. J.; B.A. (Rutgers University); *Geology and Mineralogy*

James Leslie Scott, Cape Town, Union of South Africa; B.Eng. (University of Stellenbosch); *Industrial and Systems Engineering*

Joan Marie Sevy, Willard; B.S. (Hunter College); *Nursing*

Jeffrey D. Sharp, Dayton; B.S. (Tri-State University); *Mechanical Engineering*

J. Patrick Sheridan, Athens; B.S.; *Agricultural Education*

Chuan Shih, Taipei, Taiwan, R.O.C.; B.S. (National Chung Hsing University); *Chemistry*

Nancy A. Shoaps, Akron; B.S.N. (Kent State University); *Nursing*

Richard Lawrence Shook, Youngstown; B.E. (Youngstown State University); *Metallurgical Engineering*

M. Anwar Siala, Tripoli, Libya; B.Sc. (University of New Mexico); *Geodetic Science*

Edward G. Singer, Ney; B.A. (University of Notre Dame); *Agricultural Economics and Rural Sociology*

Nancy Jean Smith, Mentor; B.M. (Capital University); *Mathematics*

Roger L. Smith, Bexley; B.S. (Massachusetts Institute of Technology); *Chemistry*

Christine Suzanne Smithies, Columbus; B.A. (Occidental College); M.A.; *Preventive Medicine*

Dianne Marie Snow, Spencer, Mass.; B.S. (University of Massachusetts); *Home Economics*

Bambang Notosoendoro Soendjasmono, Surabaya, Indonesia; I.T.B. (Sarjana Muda); I.T.B. (Sarjana Teknik); *Metallurgical Engineering*

Joo-hae Song, Seoul, Korea; B.S. (Seoul National University); *Chemical Engineering*

Jack C. Spanner, Jr., Richland, Wash.; B.S. (Washington State University); *Welding Engineering*

Sandra Kay Spitzl, Bellaire; B.S. (West Liberty State College); *Allied Medical Professions*

David Eric Spring, Athens; B.S. (Ohio University); *Plant Pathology*

Suzanne Sanderlin Stanek, Columbus; B.S.N. (Arizona State University); *Nursing*

John Mark Starkey, Dublin; B.S.M.E.; *Mechanical Engineering*

Joseph Walter Talnagi, Jr., Columbus; B.A. (Wittenberg University); M.S. (Miami University); *Nuclear Engineering*

Thomas A. Tiefert, Dayton; B.S.C.E.; *Civil Engineering*

Matthew J. Toussant, Canton; B.S.; *Food Science and Nutrition*

Ioannis Leonidas Volakis, Chios, Greece; B.E. (Youngstown State University); *Electrical Engineering*

Robert Dennis Waid, Meadville, Pa.; B.S. (Edinboro State College); *Chemistry*

Chin Johnson Wang, Taipei, Taiwan, R.O.C.; B.S. (National Tsing-Hua University); *Mathematics*

Jacqueline Hope Weber, Columbus; B.S.Ed.; *Agricultural Education*

Mark Edward Whitacre, Morrow; B.S.Agr.; *Animal Science*

Allan Frederick Wilcox, Akron; B.S. (University of Akron); M.S.; *Computer and Information Science*

Bruce Gordon Williamson, Mansfield; B.S. (Northeastern University); *Chemical Engineering*

Delbra Darlene Williamson, Fernandina Beach, Fla.; B.S. (Bob Jones University); *Home Economics*

Steven K. Wilson, Delaware; B.A. (Carleton College); *Computer and Information Science*

Ann F. Wourms, Dayton; B.S. (University of Dayton); *Home Economics*

Yah-Kong Yang, Taiwan, R.O.C.; B.S. (National Tsing-Hua University); M.S.; *Mathematics*

S. Kyun Zee, Seoul, Korea; B.Sc. (Seoul National University); *Nuclear Engineering*

David Louis Zeltzer, Detroit, Mich.; B.S. (Southern Oregon State College); *Computer and Information Science*

David B. Zilkooski, Frederick, Md.; B.S. (State University of New York at Syracuse); *Geodetic Science*

Master of Social Work

William Markward Balsoon, Jr., Columbus; B.S.Soc.Wel., M.A.; *Social Work*

Kenneth Ronald Lafontaine, New Riegel; B.S., M.A.; *Social Work*

Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Colin B. B. Bull

Vice Provost for the Arts and Sciences: Thomas A. Willke

The Colleges of the Arts and Sciences, a federation of five colleges, include:

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

Steven Lee Barker, Columbus
Jon L. Brennan, Middletown, N. Y.
Stephen Vance Gerard, Columbus
Charles W. Gillespie, Cincinnati
Charles E. Laufer, Marion
Vita Marie Marinello, Columbus
Donna Ragusa, Houston, Tex.
Michael A. Reittig, Cincinnati
Gregory Michelangelo Sereta, Parma
Sharon E. Wutzler, Columbus
David Arthur Young, Columbus
Joseph Robert Zimmerman, Columbiana

Bachelor of Fine Arts

Bonita Zeigler Agnew, Columbus
B.S.Ed.
Ronald Keith Alexander, Wickliffe
Benjamin David Barshay, Wilmington, Del.
Robert Lealie Brody, Beachwood
Rick Lance Cochran, Columbus
Sandra Elaine Croce, Columbus
Paula Diane Dewey, Ashley
Jeffrey Brian Dorr, Columbus
Hans Frederick Greene, Columbus
Elvin Dean Hirtle, Jr., Gahanna
Toni-Leslie James, Clairton, Pa.
Stan Patrick Kearns, Columbus
Veronica Perryman, Cleveland
Barbara Cook Reed, Mansfield
Karen Beth Roberts, Parma Heights
Anne Victoria Sidner, Upper Arlington
Bbth Marie Temple,
Farmington Hills, Mich.
Carla Ann Trump, Columbus

Bachelor of Music

Diane Marie Fares, Columbus
Carla Lu Anne Hunnell, Columbus
J. R. Thomas Maxwell, Columbus

Bachelor of Science in Audio Recording

Robert Paul McClure, Cincinnati

Bachelor of Science in Industrial Design

Eloise Ann Chute, Scottsdale, Ariz.
Douglas Dale DeCarlo, Columbus
Kevin S. Lakey, Columbus
Debra Lin Singer, Columbus

College of Biological Sciences

Dean: Patrick R. Dugan

Bachelor of Science

Marion A. Ballantine, Salem
Jay Russell Barnes, Grove City
Robert Berger, Dayton
Terry Lyn Cobba, Columbus
Cesar P. Cruz Aguirre, Puerto Rico
John Wilson Daugherty, Columbiana
Robert A. Dyceman, Youngstown
William Henderson Pippin, S. Charleston
Sujoy Ghosh, Columbus
Ruth Elaine Gibson, Dublin
Michael Edward Greenberg, Shaker Heights
Gillian Kay Groves, Columbus
Debra J. Habener, Columbus
William Harman Hales, Columbus
Mark Kevin Hill, Marion
Susan Elaine Holveck, Circleville
Louis MacDonald Huesmann, II, Powell
Linda Ann Svec Koder, Cleveland
Richard A. Lefkan, Dayton
Joseph Gail Markley, Nashport
Richard Melvin Maxey, Columbus
Linda Ann Merchant, Columbus
Laurel Jane Miles, Akron
Richard Scott Moore, London
Carlos Alberto Pacheco, Youngstown
Stephen William Park, Bexley
Marc Kevin Pentella, Canton
Terrence Robert Powell, Toledo
Derrick Marx Rawls, Selma, Ala.
Steven E. Reintner, Sylvania
Sharon Bridget Sipes, Columbus
John Harvey Summers, Akron
Raupell Bernard Tawse, Lexington
Raquel Maria Trajo, Wauseon
Clyde Arnold Wetherill, Columbus
Douglas William Winkler, Columbus
Janet K. Wolery, Delphos

College of Humanities

Dean: Diether H. Haenicks

Bachelor of Arts

Gary L. Bair, Findlay
Clarence Edward Bauer, Mt. Gilead
Richard D. Branaman, Columbus
Diane C. Casali, Columbus
Robin Hess Comfort, Columbus
Suzanne Louise Contini, Dover
David Critzer, Columbus
Naomi-Beth David, Bayshore, N. Y.
Lawrence B. Etengroff, Englewood
Kevin Ireneis Eyster, Bellville
Cynthia Jan Frank, Dallas, Tex.
Suzanne Dismas Gentry, Columbus
Diane Rene Gilliam, Columbus
Kim Jodi Greenbaum, Willoughby Hills
John Jay Sherman Hanna, Columbus
Mark Christopher Hay, Columbus
Richard W. Hertle, Columbus
Michael J. Hill, Columbus
Kathryn Lynn Holder, Columbus
Judith Grace Ireland, Marion
Leslie Lynn Irvin, Martins Ferry
Jacklyn J. Kaps, Columbus
John C. Martin, West Jefferson
Lizabeth Joan McKinley, Columbus
Daniel J. Miller, New Carlisle
James Benjamin Minnelli, Columbus
Joanne Marie Mooney, Columbus
Michael Moretti, Columbus
Larry Eugene Newman, Eaton
Daniel Nusbaum, Croton

Borys Ostrowskyj, Parma
Amy Louise Peterson, Gates Mills
Carol Jean Poeth, Columbus
Lisa Lynn Ramsdell, Columbus
Christopher Justus Richter, Hudson
Francis E. Rosenzweig, Columbus
Jack Kevin Shaner, Columbus
James Alan Shores, Columbus
Debra Leah Sipe, Galion
Mary Sue Stamper, Columbus
LuAnn Swartzlander, Irondale
Philip J. Tarrullo, East Brunswick, N. J.
Constantine N. Vaporia, Needham, Mass.
Judy Lynn Wetzel, Canton

College of Mathematical and Physical Sciences

Dean: Colin B. B. Bull

Bachelor of Arts

Bradford S. Jones, Columbus

Bachelor of Science

William Anthony Amurgis, Columbus
Catherine R. Andrade, Columbus
James Jeffrey Gallagher, Columbus
Michael R. Griffith, Columbus
Thomas J. Hatzalaky, Warren
Michael John Kaelbling, Columbus
James Anthony Klum, Columbus
Michael Jay Kuntz, Columbus
Henry J. Malik, Galena
John Michael McKinley, Lima
Shahriar Maleki Rasey, Columbus
Dan A. Ruggenberg, Columbus
Catherine Thomas, Columbus
Clyde Thomas Zuber, Columbus

Denise Eaton, Cleveland
Charles Joseph Eberst, Columbus
John Michael Eidenre, Dublin
Brian D. Esch, Toledo
Ronald Joseph Flewellen, Columbus
Daniel A. Fortman, Shelby
John Frailek, Columbus
Jeffrey Carl Gardner, Lancaster
Paul David Gates, Balpre
Laura Lee Ginder, Galion
Joseph Patrick Grady, North Canton
Marjorie Leslie Grafton, Warren
David A. Graham, Mansfield
Jonathan Steven Gross, Pepper Pike
Connie S. Hawkins, Mansfield
Vickie Sue Himler, Cardington
Neal J. Hoffman, Columbus
Michael J. Holbrook, Columbus
Martin Scott Hollander, Youngstown
Daniel Lee Holstein, Columbus
Amir Bijan Janati, Brooklyn, N. Y.
Stewart Evan Jobrack, Centerburg
Barry Lynn Keith, Columbus
Michael John Klingel, Marion
Idel Kovach, Columbus
John R. Kowalek, Pickingerington
Kacey Kowars, Columbus
Robert James Krouse, Defiance
Margaret S. Lane, Columbus
Timothy Irvin Langen, Springfield
Gilbert Mitchell Lear, Vandalia
Laura Ellen Leitson, Beachwood
Denise Anne Light, Sandusky
Lois Lee Lockett, Columbus
John Wayne Logue, Columbus
Ramon Fdo. López, Guaynabo, Puerto Rico
Richard Scott Marks, Akron
William Joseph Marsen, II, Columbus
Cristina Marie Matheny, Columbus
Debra L. McDonald, Westlake
Robert L. McFarland, Perryville
Robert Samuel Mendel, Columbus
Susan Lynn Mesec, Houston, Tex.
Michael Robert Metz, Columbus
Yvetta Metley, Chagrin Falls
Anthony E. Myers, Campbell, Ky.
Cynthia Yvonne Owens, Columbus
Alexandria Julia Pader, Columbus
G. Michael Payton, Columbus
John Michael Petrucci, Worthington
Patty Jo Pivkiva, Columbus
John Frederick Plagens, Rocky River
William James Rackett, Lebanon
Regis Scott Ransel, Hilliard
Vincent Lee Redman, Circleville
Norma Jean Reicher, Attica
Rebecca Louise Repasky, Pleasant City
Donnie L. Richards, Lockland
Megan Richards, Urbana
Scott Tagg Ridler, Hilton Head, S. C.
Stanley Keith Richmond, Warren
Amanda Jeanette Sauer, Canton
West Hyannisport, Mass.
Anne St. Pierre, Worthington
Lisa Zaidain Saslaw, Columbus
Jerry Lee Saylor, Columbus
Mary Jo Schamel, Dayton
Martin Wayne Sebastian, Columbus
Amanda Jeanette Sauer, Canton
Daniel Casey Shannon, Columbus
Steven R. Simms, University Heights
Robert Samuel Simon, Wilmington, Del.
Darlene Denise Smith, Cleveland
David Leslie Smith, Kettering
Holly May Smith, Peninsula
Terrence Charles Smith, Cincinnati
Gregory Keith Stevenson, Columbus
Nancy Lynn Taglione, Columbus
Neil William Thomson, Westerville
Marla Jo Tomastik, Chillicothe
Daniel L. Tompkins, Canton
Carrie S. Ventriglia, Brooklyn, N. Y.
John Spencer Watson, Columbus
Becky Jo Wiggins, Lima
Jennifer Ann Wilhelm, Amherst
Jeffery Michael Williams, Steubenville
John Allen Williams, Indianapolis, Ind.
Wesley Wayne Wilson, Columbus

College of Social and Behavioral Sciences

Dean: S. Earl Brown

Bachelor of Arts

Susan Rogers Armstrong, Columbus
Tekka Anaw, Columbus
Deborah Mary Chalfe, Columbus
Wendall Ann Baer, Canfield
Wendy Susan Bailys, Beachwood
William John Balcersak, Columbus
Evelyn G. Bartlett, Columbus
Cynthia Rae Beck, Ashland
Valerie Lynette Bryant, Columbus
Christopher Charles Crosswhite, Jamestown
Deborah Lynne Chianese, Palatine, Ill.
Winifred Glynn Clay, Cleveland
Kevin E. Cleary, Columbus
Phyllis A. Cook, Columbus
Dawn Koshlinger Costin, Columbus
Michael B. Crosby, Cincinnati
Kimberly Annette Crosswhite, Jamestown
Ronald William Curry, Buffalo, N. Y.
Duane Alan Davis, Columbus
Joanne Patricia DeLapa, Akron
John Coleman DeWees, III, North Canton
James W. Downey, Sunbury

Linda Jane Wilt, Columbus
Suzanne Marie Wolery, Delphos
Leah Madonna Wolodzko, Brecksville
Joyce Elaine Wood, E. Fultonham
Michael Francis Zofcin, Brookpark
Gail B. Zulick, Lima

Bachelor of Science

Tebbin Dwain Alford, Dayton
Keitha Dawn Bayliss, Columbus
Rosalyn Branson, East Liverpool
Marilyn Callaway, Columbus
Patrice Carlisi, Columbus
John H. Everson, North Madison
Martha Jane Gordon, Columbus
Timothy Walter Hite, Norwalk
Wynn William Hollingshead, Unity
Jacqueline Belinda Johnson, Cleveland
Margaret Monroe King, Columbus
Ann Masdea, Columbus
Daniel Andrew Moore, Grove City
Margaret J. Murray, Kent
Rollin W. Nagel, Columbus
Kim Elizabeth Pocius, Springfield
Mark Daniel Schoonover, Stow
Alan Earl Steele, Lima

Bachelor of Arts in Journalism

Moreen Deloris Bailey, Cleveland
Robert P. Ballin, Monsey, N. Y.
Mark Stephen Brackney, Columbus
Candace Brooks, Columbus
Mark Edward Cooper, Marietta
Marquerite Hudson Dannemiller, Akron
Rosa Inés Elizalde, Río Piedras, Puerto Rico
Sharon Marie Forbush, Cleveland
Julie Dora Gareff, Columbus
Susan Leigh Guernsey, Fostoria
Steven Michael Hannan, Loudonville
Douglas Wayne Hecker, Mayfield Village
Phyllis Hegner, Mason
Philip H. Jones, Canton
Kathy Mae Kerr, Columbus
Kathy Lynne Kishman, Vermilion
Judith Kay LaRotonda, Lima
James Roger Leickly, Cleveland
William Forrest McCullick, Whitehall
Dennis A. McPherson, Prospect
Cynthia Louise Moore, Fredericktown
Toumonava Nave Mullins, Columbus
Dean Stanley Nicolozakes, Cambridge
Carl Leonard Pritchard, Columbiana
Jerry Lee Robinette, Columbus
David Eric Schmidt, Malvern
Vicki Thompson, Wooster
Jan Marie Vadeaz, Martins Ferry
DeVore Terrell Whitt, Cleveland
Mark Taylor Wise, Columbus

College of Administrative Science

Dean: H. Justin Davidson

Bachelor of Science in Business Administration

Mitchell Allen Adell, University Heights
Douglas Edward Allen, Hamburg, N. Y.
Douglas Richard Armitage, Worthington
James E. Arnold, Westerville
Rebecca Louise Balthaser, Lancaster
Karen Louise Banks, Columbus

Thomas Ray Bates, Newbury
Michael William Bauder, Delaware
Daniel Melvin Bauer, Ashland
William H. Beathard, London
Cherie Jean Benjamin-Wickiser,
Reynoldsburg
Elliott A. Berk, Toledo
Kishin J. Bharwani, New Delhi, India
Frank Leo Bianchi, Chagrin Falls
Larry Edward Binkley, Lima
James Gregory Blair, Fataaskala
Beth Ann Boatner, West Salem
David Allan Bovey, Wilbraham, Mass.
Paul Wesley Bower, Dallas, Tex.
Gregory D. Boyd, Columbus
Keffery Isabel Bridgen, Carnation, Wash.
Jane Elizabeth Briggs, Gahanna
Don Calvin Brown, Jr., Lima
Phillip Edward Brugger, Springfield
Brian Henry Bucher, Bay Village
Kenneth Edward Buhr, III, Mansfield
Barry J. Burger, Columbus
Katherine Ann Burns, Worthington
Thomas Wynn Cheyne, Berea
Wayne Constant Chillicki, Columbus
Stephen Allen Cloran, East Liverpool
Matthew David Cohen, Columbus
Michael Edward Colwell, Blacklick
Mark Ashley Cooper, Mansfield
William Joseph Cooper, Jr., Columbus
Cynthia Joan Cotter, Utica
Mark Joseph Daniels, Marion
Thomas Scott Dawson, Newark
Daniel Dempsey, Medina
Jeffrey Lee Dietz, Columbus
Francis Patrick Doone, Columbus
Thomas Glenn Downie, Danbury, Conn.
Frederick Geyer Duble, Columbus
Debra Susan Dunlap, Eaton
Mark Allen Eakins, Columbus
Eric Daniel Edlund, Strongsville
Diana L. Ellis, Zanesville
Ronnie Ray Ellis, Columbus
William Francis Endres, Grove City
Stuart Ellis Eneel, Fresh Meadows, N. Y.
Cynthia Englefield, Granville
Stephen Richard Entler, Columbus
Lee Warren Estill, Madeira
David Bryan Fallert, Jacksonville, Fla.
Mitchell Addison Finney, Newark
Paul Richard Fishel, Jr., Willoughby
Jeffrey Allen Fisher, Columbus
Michael H. Flickinger, Marion
Thomas Lee Fliehman, Lowell
Fredric Shaw Forman, Fairlawn
Joseph W. Forquer, Columbus
Randy Wayne Fowls, Columbus
Robert Allen Friedmann, Akron
Randall Lee Frost, Worthington
Paula A. Fugitt, Mansfield
Stephanie Gaiser, Columbus
Terry James Gaunt, Mansfield
Jacquelyn Lee Gilbert, Ashtabula
Timothy John Glantz, Brecksville
Thomas Richard Goecke, Maria Stein
Ronald J. Guinger, Mansfield
Jeffrey Mark Gutmann, Columbus
Ricardo Jose Harris, Cleveland
Brent Evin Hatch, Columbus
Charles Richard Havener, Dayton
Barbara Estella Henry, Columbus
Robert Mark Herach, Beachwood
Leonard Desai Hietzen, Lebanon
Gary Charles Hibinger, Reynoldsburg
Brenda Denise Hicks, Dayton
John Frederick Hinderer, Columbus
David Richard Hughes, Springfield
Matthew G. Jacoby, Ferrysburg
Craig Alan Jenkins, Akron
Carl Richard Johnson, Columbus
Jeffrey Reed Johnson, Dublin
Joseph Henry Johnson, III, Yellow Springs
Douglas Lee Kauffman, Columbus
John Brady Keener, Toledo
Daniel Gregory Kelly, Fairfield
Gordon F. Kibler, Worthington
Linda Marie Kight, Columbus
Dale James Kirby, Dayton

James Francis Kirsch, Brookfield
Dean G. Kissos, Youngstown
Paul Joseph Knoble, Henrietta
Shirley Ann Komives, Toledo
Dana Henry Kuemmel, Columbus
David Michael Kulchar, Grand Blanc, Mich.
Daniel L. LaMarche, Marion
Eugene Saylor Lang, Englewood
Kathy Sue Lawrence, Ashville
Melanie Sue Lawrence, Powell
Elizabeth Gail Leber, Springfield
Gregory M. Leonard, Worthington
Kimberley Dawn Leslie, Springfield
John K. Lewis, Columbus
Kevin Paul Lewis, Columbus
Julie Yi-Ching Lin, Lima
Glenna Louise Link, Sunbury
Thomas Patrick Long, Cuyahoga Falls
Nancy Lee Lopilo, South Euclid
Warren James Lott, Cleveland
Duane Stuart Lovv, Maumee
Daniel Carl Ludwig, Columbus
Samuel Lee Lytle, Columbus
Sheldon Lutch, Randolph, Mass.
Marcia Ann Mackin, Bethel Park, Pa.
Elizabeth Lowe Magill, Circleville
Ronald Everett Malpiedi, Shadyside
Richard Anthony Marzella, Shadyside
Sadie Ann Mason, Kent
David Martin Mathews, Vienna, W. Va.
Roger Joseph McCoy, Dayton
Jill Frenck Merkle, Columbus
Lee Hoggland Miller, Columbus
Warren S. Miller, Reynoldsburg
Leonard N. Mills, Miami, Fla.
Therese Ann Monett, Orient
Cheryl Ann Morgan, Springfield
Robert Myron Morrow, Jackson
Thomas Edmund Mosholder, Mt. Vernon
Amina Bibi Mukadam, Columbus
Nils Christian Muladore, Worthington
Jeffrey Eugene Murdock, Zanesville
Earl Lee Myers, Butler
Jeffery Scott Mygrant, Marion
Kevin Michael Neary, Flushing, N. Y.
Rondal Eugene Neill, Medway
Thomas Randall Neuberger, Columbus
Ronald Vincent Nichols, Jr., Columbus
Max Randall Noland, Newark
Peggy Ann Ogden, Mansfield
Michael S. Orshan, Martinsville, N. J.
Gregory Ellis Osterholts, Marion
Thomas Joseph Passero, Columbus
Cynthia Lee Polomsky, Westerville
Conrad Leo Pritscher, Maumee
James Coleman Proctor, Plain City
Javad Ra'ed, Tehran, Iran
John William Rains, Columbus
Roni Ray Bach, Marion
Marc Joseph Rehar, Columbus
Geoffrey Eric Reynard, Columbus
Linda Sloniker Rice, Worthington
Guy Alan Richards, Lorain
Susan Irene Rischard, Wauwatosa, Wis.
LeAnn Roseberry, Marion
Henry Joseph Roth, Canton
Kenneth Alan Rott, Worthington
James Joseph Rumora, Columbus
Thomas Richard Sangrik, Chardon
Angelo Nick Savakis, Cortland
Howard Phillip Schnitz, Columbus
Tonya Stephanie Seward, Cleveland
Mark Dwayne Shockley, St. Charles, Ill.
Gary Kevin Sisk, Columbus
Cynthia Ann Sklenar, Columbus
James Roma Smith, Mansfield
Robert Lee Smith, Jr., Pickerington
Allan Douglas Staub, Lakewood
John Bradley Steele, Homer
Scott Douglas Steele, Cambridge
Nancy Ann Stammen, Columbus
Wayne Douglas Stola, Columbus
Deborah Lynn Surowicz, Columbus
Joseph Anthony Sweeney, Westlake
Kevin M. Sweeney, Caracas, Venezuela
Michael Burt Syfert, Columbus
Gregory Alan Tanner, Wabash, Ind.

Robert Paul Taylor, Clarksburg
 Brandt Tefft, Columbus
 Alison Darling Thomas, Perrysburg
 Daniel James Thomas, Dayton
 George Adam Thomas, Columbus
 John A. Toth, Solon
 Gregory Paul Trefz, Hillsboro
 Greg Allen Turnbull, Grove City
 Thomas Forbes Turner, Ashtabula
 Joseph Paul Underwood, Columbus
 Nancy Jean Vandermark, Conneaut
 Gary Michael Vandia, Fairview Park
 Steve Vilaro, Worthington
 Edward R. Waters, Lyndhurst
 Judson Roby Wells, Findlay
 Donna Jean West, Cincinnati
 Edward Alan Wheaton, Middleburg Heights
 Jill Lynn Wheeler, Sylvania
 Dennis Paul Williamson, Cincinnati
 Edward Alan Wilshire, Columbus
 Dori Wolfe, Nelsonville
 Cynthia A. Wolfinger, Grove City
 Richard Grant Woods, Kirtland
 Daniel Roger Wolfe, Fairborn
 Lee Francis Wyckoff, Columbus
 Beverly Lim Young, Orchard Lake, Mich.
 Robert Joseph Zannella, Cranston, R. I.,

Sonia Antonieta Hidalgo, Columbus
 Faith Anne Hnzidil, Westerville
 Dale Keith Inskip, Richwood
 Mark Allan Johnston, Jamestown
 Dale Alan Jordan, Mt. Gilead
 John Albert Kessler, Columbus
 Margaret Ann Kirwin, Columbus
 Kathy Ann Kloenne, Dublin
 George John Knasel, Anna
 Carol Harshman Lamontia, Columbus
 Jeffrey Vincent Lanum, Columbus
 Carol Jean Lewis, Ironton
 Maurice Leonard Lewis, Lima
 David William Long, Bucyrus
 Robert Thomas Low, Marysville
 Thomas David Madden, Pataskala
 Jane Ellen Martin, Fremont
 Nancy Lee Messinger, Cincinnati
 Scott Douglas Michael, Urbana
 Kevin Lee Miller, Defiance
 William Bruce Moore, Wooster
 David Joseph Mulvin, Sandusky
 Edward Wayne Odorizzi, Columbus
 Benjamin Kabutey Ongor, Accra, N. Ghana
 Anna Osman Mohamed Oaman,
 Khartoum, Sudan
 Elizabeth Kay Roelker, Columbus
 Saad Mohamed Said, Khartoum, Sudan
 Sara Jean Schirm, Canal Winchester
 James G. Schulz, Columbus
 Marilyn Elizabeth Seifried,
 Washington C. H.
 Timothy Lynn Shank, Rawson
 John Lewis Skinner, Logan
 Timothy Lee Sorrell, Hamilton
 Janice Marie Spaidel, North Olmsted
 Cynthia Beth Stastny, Mansfield
 Ralph Wayne Tinker, Orwell
 Alice Jane Wagner, Canal Fulton
 Thomas Everett Waters, Dayton
 David Emerson Welch, Springfield
 Cynthia Ann Whidden, Raymond
 Mark Edward Whitacre, Columbus
 Karl L. Wilker, Maineville
 Dennis C. Windom, Columbus
 George Andrew Wolfer, Cincinnati
 Theresa Ann Wolfinger, Lancaster
 Peter Joseph Wotowiec, Jr., Columbus
 John A. Wynatra, Westerville
 Scott Edward Zitzko, Brunswick
 Joseph Donald Zralik, Columbus
 Mark Eric Zudell, Caldwell

Karen Renate Friedrichsmeyer, Cincinnati
 Debra Lynn Gillis, Columbus
 Jill Hannum, Columbus
 Janet Beth Hartmann, Painesville
 Karen Lee Hindman, Columbus
 Virginia Lynn Hinton, Columbus
 Jennifer Anne Hitt, Worthington
 Pamela Lynn Iiams, Ft. Loramie
 Susan Jordan, Columbus
 Treinnia Lynn Justice, Reynoldsburg
 Deann Mary Knickel, Prospect
 So-King Louie, New York, N. Y.
 Julie Kay Marie McFadden, Columbus
 Gwendolyn Louise Mendenhall, Columbus
 Marlene Lee Milenkovich, Columbus
 Marianne Cindy Miller, Marion
 Evelyn Oriedo, Niaroba, Kenya
 Linda Pfaltzgraf Paradise, Miamisburg
 Deborah Jane Parsons, Chesterland
 Debora Jane Preston, Troy
 Karen Ruth Reich, Worthington
 Anna Marie Roegner, Columbus
 Sandra Jane Sampson, Columbus
 Jeri Lou Seiler, Columbus
 Christi A. Shull, Sugar Grove
 Sally Frances Spencer, Clyde
 Susan Anne Sprydon, Waynesville
 J. Strickland, Columbus
 Kathleen Stout, Columbus
 Gerard Visco, Columbus
 Patricia D. Vorst, Columbus
 Christine Marie Williamson, Dayton
 Susan Jane Wilson, Washington C. H.
 Karen Yeater, Columbus

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

Dennis Keith Blunt, Columbus
 Kevin Patrick Carey, Ironton
 Rebecca L. DeVine, Grove City
 Mark H. Murphey, Amherst

**College of Agriculture
 and Home Economics**

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

Mark Watson Abbott, Columbus
 Timothy Paul Adorni, Brecksville
 Linda Lee Anderson, Columbus
 Dean Ralph Andrea, Bryan
 Thomas Leonard Appleton, Reynoldsburg
 Garlena Ann Bauer, Columbus
 Mark Roger Berry, Bellville
 Laura Marleen Bidiack, Oakwood
 Jonathan Alan Blinn, Columbus
 John Timothy Brennan, Springfield
 Marion Rose Behl, Mt. Vernon
 Rebecca Lynn Campbell, Warren
 Thomas Lee Campbell, Warren
 Kathryn Marie Christopher, Norwalk
 Danette Marie Cotton, Alliance
 Jeffrey Alan Darding, Xenia
 Charles Wayne Dieter, Litchfield
 Debra Kay Dumire, Lorain
 Jeffrey David Gehr, Columbus
 Craig Lester Faubel, Columbus
 Julie Anne Fitzpatrick, Bellefontaine
 Keith Allen Fledderjohann, New Knoxville
 Mary Ann Frantz, Wooster
 Daniel Lee Frobose, Pemberville
 Denine Michelle Frund, Washington, Pa.
 Gregory Kent Gehr, Columbus
 Robert Arthur Gibbs, Columbus
 Frank Staley Goodell, Jr., Columbus
 Frank Manny Gorsuch, Columbus
 Steven Robert Greene, DeGraff
 Margaret Ann Griffith, Wooster
 Michael Edward Grosh, Columbus
 Ralph Hatch, Jr., Wapakoneta
 Carol Ann Halverson, Columbus
 K. Richard Harr, West Liberty

Bachelor of Science in Food Science

Ronald G. Derr, Upper Sandusky
 Christine Lynne Ford, Findlay
 Daniel Joseph Leonhard, Columbus

School of Home Economics

**Bachelor of Science in
 Home Economics**

Georgia Mae Amison, Columbus
 Cheryl L. Ball, Columbus
 Cynthia Anne Baus, Solon
 Kimberly A. Beidler, Avon Lake
 Rosanne Marie Binsack, Columbus
 Betsy Suzanne Bom, Marietta
 Mary Katherine Boyd, Columbus
 Stacey Marie Brizer, Euclid
 Debra Sue Carl, Columbus
 Zola Lee Clausen, Pleasant Plain
 Nancy Jean Conroy, Mayfield Heights
 Jeannette Louise Cox, Waynesville
 Donnie William Dalton, Cleveland
 Molly Ann Brown Davis, Gahanna
 Karen Alice Doyle, Ontario, N. Y.
 Julie C. Epstein, Westerville
 Laurie Jean Federman, Chesterland

Bachelor of Science in Nutrition

James P. Delany, Columbus
 Margalit Esther Grunberger, Beachwood

**Bachelor of Science in
 Restaurant Management**

Donald Frederick Bitter, Lakewood
 Kathleen Louise Boyne, Columbus
 Lorraine Susan Ferris, Parma

School of Natural Resources

**Bachelor of Science in
 Natural Resources**

John Lerner Arata, Colts Neck, N. J.
 Richard E. Armao, North Ridgeville
 Mark Bryant Behrens, Columbus
 Cynthia A. Berndt, Columbus
 Dale Arthur Biermann, Columbus
 William David Biersteker, Bexley
 Clifton Theodore Bohinski, Berea
 John Robert Boggs, Worthington
 Sue Ellen Borchers, Worthington
 Timothy Lee Cook, Cortland
 Estill Gerald Cooksey, Bellevue
 Carol Jean Decker, North Canton
 Robert Lewis Dobos, Windsor
 Edward Lloyd Frank, III, Galena
 Katharine Anne Gilmour, Buffalo, N. Y.
 Lisa Louise Hamilton, Columbus
 Ronald Jay Hannan, Chillicothe
 Mary Beth Hehemann, Cincinnati
 Barbara Jean Jentzen, Columbus
 Michael Alan Jester, Chillicothe
 Susan Elaine Katko, Youngstown
 Keith Gregory Lauby, Piqua
 Marc E. Lishewski, Toledo
 Raymond Michael Lohrer, Springfield
 Terry Michael Luce, Columbus
 Richard A. Mannarino, Columbus
 Lynda M. Miller, New Carlisle
 E. Miller, Leipsic
 Barbara Niemcz, Willowick
 William Andrew Novak, Columbia Station

Valentino Ray Orlando, Homeworth
 Debra Kay Peterman, Marion
 Jeffrey Kent Pond, Urbana
 Rebecca Lynn Raimonde, Martins Ferry
 Charles Alan Romer, Columbus
 Richard Albert Sladick, Middleburg Heights
 Brian Craig Siane, Columbus
 Kurt Small, Millersburg
 George William Souhrada, Maple Heights
 David Lowell Spreng, Loudonville
 Mark Allen Swartz, Carrollton
 Edward Timothy Tomich, Columbus
 Timothy John VonStein, Bluffton
 Michael John Walsh, Chagrin Falls
 Richard Allan Wiggins, New Philadelphia
 Paul Richard Wigginton, Columbus
 William Glenn Windnagel, Oak Harbor
 Roy Arthur Witham, Jr., Columbus

Agricultural Technical Institute-Wooster

Associate in Applied Science

Beth Ann Allenbaugh, Haystackville
 Kathryn Amigo, Massillon
 Michael Stanley Anderzack, Toledo
 GERALYN SUE CAMPANELLI, Canton
 Manuel R. Chesote Malatesta, Lima, Peru
 Catherine Marie Cifranic, Brook Park
 Karen Celeste Crombie, Amherst
 Ann May Cunningham, Chardon
 Kimberly Jay Derr, Lakeville
 Louis Joseph DiGregory, Steubenville
 Cindy Jo Dixon, Columbus
 Kathryn Minnie Garber, Fresno
 Joseph Anthony Gnisani, Wooster
 Kreg M. Hasselshardt, Hicksville
 Kenneth Michael Hudson, Mt. Oar
 Donald Jewett, Ashland
 Kelly Lee Kyler, Mansfield
 Michael Eugene Larson, North Canton
 Bruce Paul LaVergne, Sidney
 Kenneth Andrew Lee, Cleveland
 Doreen Ann Lipka, Independence
 Roger Alan Loomis, Dalton
 Barbara Ann Miller, Wadsworth
 Joan Maurine Norris, Glenmont
 Michael Alan Reihls, Wooster
 Kim Albert Rudolph, Maumee
 Barbara Jean Sabo, Garfield Heights
 Jane E. Sackett, Cincinnati
 Christopher Kennedy Siple, Canton
 Jeffrey Bruce Starkey, Geneva
 Janet Taylor Terhune, Smithville

College of Dentistry

Dean: Charles L. Howell

Doctor of Dental Surgery

Barry George Argentine, Toronto
 B.A. (West Liberty State College)

College of Education

Dean: Robert A. Burnham

Bachelor of Science in Education

Carolyn Wendy Abrams, Cincinnati
 Richard James Adams, Fulton, N. Y.
 James William Allen, Jr., Westerville
 Kathleen Devaney Athey, Columbus
 Phillip Martin Auer, Columbus
 Cathy Carney Austin, Bucyrus
 Rebecca Sue Bachman, Columbus
 Michelle DeVol Baker, Columbus
 Susan Ann Beal, Columbus
 Mark John Balen, Lakawanna, N. Y.
 Bonnie Sue Barnett, Galion
 Lori Lynn Barnheiser, Dayton
 Nancy Cheryl Barrett, Columbus
 Chantal Barton, Middletown
 Brad Logan Basil, Columbus
 Dawn Renee Bauer, Columbiana
 Lori Lynn Boring, Worthington
 Ann Lee Brockman, Cincinnati
 Billee Jo Brown, Troy
 Mark Fredrick Brunn, Mansfield
 David James Burnes, Columbus
 Cynthia Brooks Burns, Harvard, Mass.
 Emily Marie Burson, Utica
 Owen Spencer Bush, Portsmouth
 Sheryl Dorsey Cameron, Ashley
 Jan Jay Carnes, Columbus
 Sandra Kay Carpenter, Mt. Gilead
 Jeffrey Blake Carter, Vandalia, Mo.
 Mary Hagerty Case, Prospect
 Patricia Dianne Cenci, Columbus
 Nancy McDonald Christman, Cairo
 Constance Boike Cole, Hillsboro
 Carol Lou Coleman, Gahanna
 Diana Lynne Copp, Mt. Victory
 Lynn Ellen Cutler, Westerville
 Steven Paul Daniel, Columbus
 Diane Kay Danher, Findland
 Doreen Ann Kohnman Davis, Columbus
 Catherine Eve Day, Columbus
 John Emil Denner, Columbus
 Sandra Siebert Devine, Marion
 Elizabeth Anne Devol, Buchtel
 Diane Elaine DeWeese, Columbus
 Marguerite Alice Diehl, Palatka, Fla.
 Marsha A. Dieker, Columbus
 Andrew James DiSabato, Columbus
 Carolyn Ann Dodds, Marion
 Joyce Ann Drake, Newark
 Sally Ullom Dye, Cardington
 Lucinda Lee Edwards, Hudson
 Susan Jane Edds, Mason
 Vincent Mary Ellis, Zanville
 Mitchell C. Emmons, Marion
 Katherine Louise Enghelm, Columbus
 David Scott Ennen, Columbus
 James Brown Easig, Amherst
 Jane Elizabeth Ficken, Novelty
 Lynne Sipe Fisher, Bucyrus
 Deborah Wesley Foltin, Lorain
 James Robert Forsythe, North Lewisburg
 Teri Lee Friend, Columbus
 Cheryl Rapose Fuller, Dublin
 Faith Elaine Funk, Youngstown
 Gregory Alan Gabbard, Middletown
 Nancy Wilson Gall, Newark
 Deborah Gail Gartman, Middletown
 Susan Gaul, Columbus
 Cynthia Lee Gease, Columbus

Richard Eugene Geyer, Marion
 Julie Riley Gherman, Marion
 Gregg Lee Gleisinger, Mansfield
 Kimberly Lynn Glicks, Steubenville
 Patricia Ellen Goldman, Mt. Lebanon, Pa.
 Hazel Kiser Gordon, Lima
 Kristine Beth Grover, Galena
 Robin Lynne Hallum, Olmsted Falls
 Michael Lee Hanna, Columbus
 Jean Anne Harris, Elyria
 Kristi Michelle Harris, Columbus
 Jan Elaine Harabe, Columbus
 Pamela Diane Hedrick, Mansfield
 Kimberly Sue Heimkamp, Delphos
 Alice Ann Henke, Columbus
 Janice Marie Herrmann, Columbus
 Jane David Herhey, Columbus
 Patricia Ann Hill, Westlake
 Brian Darryl Hinkle, Columbus
 Vicky Gatz Holyeros, Columbus
 Patsy J. Hooks, Columbus
 Vickie Lynn Hubbell, Ada
 Colleen Rose Hussey, Lima
 Michele Burke Jasiewicz, Columbus
 James Clayton Jenkins, Elyria
 Jolene Gail Jensen, North Reahton
 Linda Pike Johnson, Circleville
 Cynthia Lee Jones, Columbus
 Sandra Ann Jones, Greenwich
 Hope Marie Justice, Kingston
 Jeanette Darlene Karcher, Kenton
 Cheryl Lynn Keller, Marion
 Rebecca Pell Kelley, Columbus
 Sandra Gardine King, Columbus
 Francine Beth Kluger, Beachwood
 Kevin Eugene Langen, Washington C. H.
 Denise Ann Lawson, Wapakoneta
 Claire Theresa Lisenby, Columbus
 Michael Gary Lowery, Reynoldsburg
 Molly Louise MacEwan, Columbus
 Lorena Marshall Magee, Westerville
 Pauline Mary Maasak, Columbus
 Diana Lynn McDaniel, Stow
 Judy McElroy, Cleveland
 Dennis Roy McIntyre, Columbus
 Sharon Kay McMahon, Columbus
 Cynthia Ann McVicker, Mansfield
 Barbara Carol Mearring, Benton Ridge
 Sandra Ellen Medles, Celery
 Roy Kenneth Mentzer, Mt. Victory
 Sherman Charles Micsak, Lorain
 Beth Christyleyn Monroe, Chillicothe
 David Jeffrey Moore, Norwalk
 Ethel Mae Moore, Cleveland
 Kathleen Anne Moore, Lima
 Annette Marie Neisgarner, Mt. Vernon
 Mary Carol Nelson, Columbus
 Joseph Kimerly Noblet, Bucyrus
 Patrick Michael O'Brien, Lakewood
 Diana Loudenlager O'Neill, Morral
 Borys Ostrowskyj, Parma
 Donna Rae Palmer, Columbus
 Dean Anderson Paugh, Columbus
 Lynel Kay Peake, Mansfield
 Marta Ann Pfeiffer, Worthington
 Debra Lynn Piper, Gahanna
 Deborah Kay Pisko, Norwalk
 Harold Thomas Poppe, Botkins
 Jay Steven Prichard, Wadsworth
 Catherine Lynne Raab, Worthington
 Diana Kay Ragan, Kettering
 Diane Kay Ramsey, Ashland
 Stephanie J. Ransom, Lima
 Melanie Sue Richter, Marengo
 Evelyn Ann Roberson, Columbus
 Douglas Earl Roberts, Wilmington
 James Post Roberts, Shelby
 Patrick Joseph Roth, Dayton
 Ruth Margaret Ryan, Columbus
 Peggy Lee Schmidt, Columbus
 Laura Kay Schubert, Springfield
 Debra Overlay Scott, Galion
 Pamela Jo Seiber, Prospect
 Sandra Kay Short Shields, Bucyrus
 Ruth Hoeflich Shinabarker, Mansfield
 Karla Lee Shultsman, Apple Creek

Timothy R. Siegfried, Edison
 Pamela Apple Sivert, Newark
 Sheryl Jean Skidmore, New Bloomington
 Brenda Elaine Smith, Wooster
 Esther Justice Smith, Ashland
 Phillip Bruce Smith, Worthington
 Nancy Jayne Spyker, Lima
 Georgia Gayle Steele, Marion
 Paul Robert Steinmann, Dayton
 Kathleen Mary Stone, Newark
 Debra Ann Strayer, Columbus
 David Irvan Sturgill, Columbus
 Cheryl Jean Sullivan, Fairfield
 Mark Patrick Sullivan, New Bedford, Mass.
 Steven John Suso, Cleveland
 Patricia Lynn Swaney, Burton
 LuAnn Swartzlander, Irondale
 Timothy Alan Taylor, Newark
 Mark William Terry, Kenton
 Laura Lynn Thompson, Columbus
 Jan Ellen Thurston, Columbus
 Margaret Emmons Tischer, Bellbrook
 Kathleen DaLee Tooman, Bucyrus
 Catherine Alex Totonis, Columbus
 Rita Jo Trimble, Upper Sandusky
 Rebecca Lynn Tyler, Columbus
 Elnora Marie Uphaw, Columbus
 Kimberly Hope Valentine, Ashland
 Cathy Lynn Vance, Columbus
 Francisco Rodriguez Viscarra,
 Creswell, Ore.
 Jane Frances Wallack, Westfield, N. J.
 Leigh Hritz Webb, Circleville
 Rolanda Sue Weber, Galloway
 Katherine Elaine Weyand, Columbus
 Debra Lynn White, Delaware
 Larry Duane White, Reynoldsburg
 Ingrid McCowen Wing, Columbus
 Jennifer Louise Wolden, Columbus
 Kimberly Sue Woodrum, Springfield
 Mary Lynn Yardley, Columbus
 Anne Terese Younkman, Toledo
 Sandra Jeanne Zorn, New Carlisle

Bachelor of Art Education

Robert Lee Bainter, Columbus
 Ruth Anne Berry, Grove City
 Judith Marie Brauner, Westerville
 Susan Elaine Broughman, Columbus
 Maureen Louise Coonen, Gallipolis
 Christine Anne Leahy, Hilliard
 Susan Lynn Mecca, Middletown
 Rebecca Lee Serey, Utica
 Karen Lynn Small, Columbus

Bachelor of Music Education

Kathryn Larkins Alsnauer, Columbus
 Karen Denise Beoddy, Washington C. H.
 John M. Hollinger, Columbus
 Paul Edward Jackson, Columbus
 Catherine Denise Lewis, Columbus
 Garland Wellington McCutcheon, Jr.,
 Bellbrook
 Elizabeth Jane Murtaugh, Sunbury
 Scott Glen Rogers, Westerville
 Julia Ann Russell, Dublin
 Jany Lou Sabins, Urbana
 Jose Santiago, Garfield
 Cindy Ann Weaver, Columbus
 Susan Lynn Weber, Columbus
 Leslie Lynne Williams, Columbus

College of Engineering

Dean: Donald D. Glower

Bachelor of Science in Aeronautical and Astronautical Engineering

Thomas Wesley Googe,
 Winston-Salem, N. C.
 Christopher Edward Hughes, Westlake
 Timothy M. Wilson, Utica

Bachelor of Science in Agricultural Engineering

Rex Edward Detling, Union City
 Debra Ann Hatten, Columbus
 Jonathan Max Kreglow, Quincy
 David Louis Schacht, Canal Winchester

Bachelor of Science in Ceramic Engineering

Gregory Bernard May, Columbus
 Gregory Gene Smith, Sandusky

Bachelor of Science in Chemical Engineering

Randall Lee Apel, Huber Heights
 Deborah Marie Graybowski Marek,
 Seven Hills
 Richard Steven Paces, Kirtland
 Ramón Alfonso Villarreal,
 Aragua, Venezuela

Civil Engineer

Jeffrey Richard Hess, Warren

Bachelor of Science in Civil Engineering

Greg Donald Anderson, Worthington
 Steven Gerald Bailey, Jeromeville
 Emil Anis Canaan, Abey, Lebanon
 Douglas Hugh Clements, Columbus
 Timothy John Dixon, Pickerington
 Robert Gene Galvin, Dayton
 Zulkifli Hamzah, K. Tranggana, Malaysia
 Bruce David Hulman, Dayton
 Melissa Kay Lenz, Toledo
 Mark F. Massmann, Deshler
 Stephen Irvin Niemeier, Cincinnati
 Jeffrey Lynn Rapol, Zanesville
 Akram Adib Safa, Jounieh, Lebanon
 Mark David Sherman, Geneva
 Michael Trent Stanforth, Washington C. H.
 Robert Glenn Thompson, Wadsworth
 David Felix Traini, Columbus
 Timothy Andrew Van Echo, Columbus
 Larry John Vonderembse, Lima
 Mark Woodson Wurschmidt, Columbus

Bachelor of Science in Computer and Information Science

Kenneth R. DeJager, Cincinnati
 Samir Salim Sleiman, Tripoli, Lebanon
 Cynthia Gail Tarrant, Basking Ridge, N. J.
 Gayle Phebe Yawets, Massillon

Bachelor of Science in Electrical Engineering

Jamie Elizabeth Bachman, Columbus
 Michael David Barneby, Columbus
 William Christopher Byers, Columbus
 Mike Erlichman, Columbus
 Alexander Michael Galan, Parma
 Russell Alan Gedeon, Parma
 Larry Bruce Gletszer, Columbus
 Bruce Alan Heinrich, Westerville
 Scott Lawrence Hendricks, Oberlin
 Robert Alan Kuehn, Euclid
 Robert Edwin Magee, Columbus
 Ruth Raffaella Massei, Cincinnati
 Robert Paul McClure, Cincinnati
 John Ward Mosker, Lewis Center
 Gregory Scott Melick, Columbus
 Maria Lucia Frota Machado Melo,
 Montes Claros, Brazil
 Michael Dayton Menz, Ashland
 Steve Allen Miller, Madison
 Thomas Morrissey, Kettering
 Thomas Howard Naber, Columbus
 Issam Hassan Nasser, Beirut, Lebanon
 William Dean Neyman, Costa Mesa, Calif.
 Gary Lynn Reese, Columbus
 William George Sotos, Columbus
 Kevin Allen Sparks, Mt. Vernon
 James Gerard Stevens, Plymouth, Mich.
 Edward Harold Tomaszewski, Lorain
 Kenneth Ray Tomblin, Columbus
 John Michael Vanderau, Columbus
 Allen Bradley Yoho, Columbus

Industrial Engineer

Sayed Mohammad Hossain Khatib-Shahidi,
 Columbus
 Charles Edward Markhoff, Jr., Columbus

Bachelor of Science in Industrial and Systems Engineering

Paul Stewart Crago, Marietta
 Michael John Grannon, Newark
 Robert John Hill, Worthington
 John Janowicki, Toledo
 Andres Vello Karolin, Worthington
 Ndubuisi Okezie Okeugo, Umuahia, Nigeria
 Stephen Charles Schmidt, Delaware
 David Lee Thorson, Dayton
 Elizabeth Jane Whitlatch, Gahanna

Bachelor of Science in Mechanical Engineering

Behnam Baharloo, Tehran, Iran
 David Owen Davis, Brecksville
 John McGregor DeArmon, Dayton
 David Herbert Dixon, Columbus
 Michael John Fager, Youngstown
 Larry Alan Garstick, Columbiana
 Terence Patrick Gilmore, Upper Arlington
 Gary Lee Grob, Franklin
 Fred Leif Grönvall, Jr., Youngstown
 Michael Jay Gross, South Euclid
 David Herbert Meehler, Columbus
 James Howard Hoffman, Hollywood, Fla.
 Rebecca Kanner, University Heights
 David Michael Leahy, II, Canton
 Stephen William Marek, Parma
 Duane Loren Mattern, Bay Village
 Nelson Edward Moorhead, Canton
 Michael Benson Mosler, Columbus
 John Robert Myers, Chardon
 Richard Robert Navarro, Brunswick
 Richard Allen Papeo, Natrona Heights, Pa.

Denise Simon Schieltz, Columbus
John Nicholas Schilling, Jr., Columbus
John William Scoleri, Columbus
James Arthur Spencer, Clyde
Barry Alan Stoll, Newark
James Russell Widders, Mansfield
James Harold Wright, Xenia

Bachelor of Science in Metallurgical Engineering

Patrick Joseph Lorenz, Columbus
Brian Scot Sapp, Mansfield

Bachelor of Science in Surveying

David John Davies, IV, Ashland
Walther John Wefel, III, Cleveland Heights

Bachelor of Science in Welding Engineering

Jacque Sue Barth, Coshocton
James Robert Berkey, Lima
James Justin Berta, Columbus
Charles Edward Mraz, Fairborn
Edward Wayne Pugh, Hammond, Ind.
Kent Madison Weden, Youngstown

Bachelor of Science in Architecture

Christopher John Bruzese, Columbus
Joseph Charles Carrillo, Elmont, N. Y.
Paul Jacob Hill, Cleveland
Richard Howard Jordan, East Liverpool
William Philip Lauch, Cincinnati
David E. Miller, Logan

Bachelor of Science in Landscape Architecture

Michael Edward Hooper, Cherry Hill, N. J.
Aristotle George Maragas, North Canton
John Robert McCoy, Circleville

College of Law

Dean: James E. Meeks

Juris Doctor

Susan Hoffman Adams, Lansing, Mich.
B.A. (Michigan State University)
Gerry Wayne Beyer, Grand Haven, Mich.
B.A. (Eastern Michigan University)
Sandra Ann Drabik, Sylvania
B.S., M.S.
Alan Craig Duvall, Gahanna
B.S. Bus. Adm.
Justine Kindley Freuler, Huntington, Ind.
B.S. Nur.
Elizabeth Rouse Gold, Silver Spring, Md.
B.S. (Florida State University);
M.S. (University of Maryland)

John Anthony Kington, Columbus
B.A.
William Joseph Lodico, Cincinnati
B.A. (Xavier University)
Mary Elizabeth Picken, Columbus
A.B. (Oberlin College); B.S. (Western
Reserve University)
Ronald Henry Snyder, Canfield
A.B. (Youngstown State University)
Jackie Lee Stewart, Columbus
B.A., M.A.
Mary Edna Stewart, Gary, Ind.
B.A. (Fisk University)

College of Medicine

Dean: Henry G. Cramblett, M.D.

Doctor of Medicine

Philip Frederick Binkley, Kenton
B.A. (Ohio Wesleyan University)
Edward T. Bradley, Solon
B.S. (John Carroll University)
Eric Christian Browning, Columbus
B.A. (Harvard College)
Linda Lou Cook, Circleville
B.A. (Case Western Reserve University)
Sara Frances Guerrero, Columbus
B.S.
Roosevelt T. Jackson, Jr., Glendale
B.A. (University of Colorado)
Donald Ray Lutter, Cincinnati
B.S. (Purdue University)
Michael James Morrison, Euclid
B.S. (Case Institute of Cleveland)
Robert James Skully, Brooklyn Heights
B.A. (College of Wooster)

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Barbara Jean Ackman, Cincinnati
Jill Maria Aydelotte, Dayton
Cindy Lee Behrens, Springfield
Jane Ellen Bertam, Freeport
Marta Elizabeth Blaho, Columbus
Kathryn Maxine Branneman, Orrville
Connie Sue Brown, Terrace Park
Yolanda Michelle Bruce, Richmond, Va.
Jane Marie Burchfield, Columbus
Jan Clemons, Cincinnati
Bonnie Frazier Connolly, Columbus
Karen Anne Dippold Curtin, Columbus
Mary Anne Ebner-Dahill, Galion
Ronna L. DeKoven, Northbrook, Ill.
Patricia Ann Faller, Cincinnati
Joan Mary Ferneding, Dayton
Melinda Louise Fritts, Columbus
Maura Gannon, Medina
Diana Lee Henney, Edison, N. J.
Heidi Hermann, Cincinnati
Rebecca Elizabeth Houk, Toledo
Janet Joyce Hymiak, Niagara Falls, N. Y.
Julie Anne Johnson, Circleville
Paula Sue Kessler, Johnstown
Robin Morgan Kirschenbaum, Timberlake
Deborah Ann Krystosik, Maple Heights
Libby Iris Langerman, Warren
Judy Eileen Levin, Columbus
Karen Ann Lewandowski, Seven Hills
Catherine Olivia Lewis, Worthington
Lorie Lynn Mapes, Hubbard
Leesa McNamee, West Mansfield

David Edward Mileski, Toledo
Karen Maria Pishner, Zanesville
Brenda Joan Rakestraw, Ontario
Karla Marie Reichert, Dayton
Gail Marsha Rosenbaum, Cincinnati
Robert Coe Schneider, Kettering
Carol Ann Scruggs, Cheshire
Rebecca Jeanne Shryock, Dover
Daphne Shye, Los Angeles, Calif.
Sandra Lee Simpson, Olmsted Falls
Gloria Jean Smith, Dayton
Susan Kay Stark, Columbus
Mary Diane Szydlowski, Steubenville
Elizabeth Giel Tarkany, Columbus
Susan Lilly Taylor, Falmouth, Mass.
Linda Ann Toth, Delaware
Ava Joy Uhlenbrock, Cincinnati
Nancy Marie Whitacre, Findlay
Susan Kaye Young, Cincinnati
Paula Ann Zenk, Cincinnati

School of Nursing

Bachelor of Science in Nursing

Theresa Mary Albanese, Columbus
Kimerly Sue Bergmann, Columbus
Marcia Marie Garrett, Mt. Sterling
Eloise Godsey Inglesi, Columbus
Leah Anne Merritt, Washington C. H.
Linda Campbell Mount, Columbus
Barbara Karin Nelson, Columbus
Sue Ann Pfahler, Galion
Laura Lee Rizzolla, Seven Hills
Glenda Lou Sarver, Vincent
Cindy Marie Schmersal, Lima
Jennifer Lynne Stephens, Findlay

College of Pharmacy

Dean: Albert H. Soloway

Bachelor of Science in Pharmacy

Jo Ellen Tefft Bello, Columbus
Larry Mervin DeLong, Mansfield
Anne Louise Fondriest, Dover
Mark Douglas Gatten, Rushville
Terrance Joseph Hale, Massillon
Gloria Ann Hathaway, Greenville
Debra Jean Hayes, Galion
Theresa Ann Hemm, Ridgefield, Conn.
Daniel Scott Huffman, Mansfield
Earl Lloyd Klay, Millersburg
Jean Marie McGreevey, Columbus
Jimmie Sue Neill Shaunessy,
Long Beach, Miss.
Peter Gordon Wagner, Peninsula
B.A., M.A. (University of Akron)

College of Social Work

Dean: Robert O. Washington

Bachelor of Science in Social Welfare

Wendell Victor Kellum, Columbus
Mark Halladay McConnell, Coshocton
Mildred Klein Pollard, South Bend, Ind.
Karen Whalen, Springfield
Virginia L. Wright, North Canton

Graduates with Honors

Summa Cum Laude

Kathleen Louise Boyne
Nancy McDonald Christoff
Robin Hess Comfort
Sandra Siebert Devine
Mary Ann Frantz
Carol Ann Halverson
Judith Grace Ireland
Matthew G. Jacoby
Douglas L. Kauffman
Cynthia Ann McVicker
Michael Dayton Menz
Joanne Marie Mooney
Nils Muladore
Diana Loudenslager O'Neill
Deborah Jane Parsons
Conard L. Pritcher
Stephanie J. Ransom
Jany Lou Sabins
Kevin Allen Sparks
Alison D. Thomas
Timothy Andrew Van Echo
Nancy Jean Watson
Dennis Williamson
John A. Wynstra

Summa Cum Laude with Distinction

Deborah Jane Parsons

Summa Cum Laude with Distinction in Agricultural Economics

Carol Ann Halverson

Summa Cum Laude with Distinction in French and with Honors in Liberal Arts

Joanne Marie Mooney

Summa Cum Laude with Honors in the Liberal Arts

Martha Jane Gordon

Cum Laude

Rebecca Sue Bachman
Bonnie Sue Barnett
Rebecca L. Balhiser
Dawn Renee Bauer
Robert Berger
Philip Binkley
William Christopher Byers
Deborah Mary Chalfe
Kathryn Marie Christopher
Mark A. Cooper
Diana Swavel Copp
Karen Celeste Crombie
Marsha A. Dieker
Debra S. Dunlap
Eric D. Edlund
Cheryl Rapose Fuller
Susan Gaul
Julie Riley Gherman
Susan Harper
Jennifer Anne Hitt
Colleen Rose Hussey
Janet Joyce Hymiak
Carol Harshman Lamontia
Michael Eugene Larson
Elizabeth G. Leber
Karen Ann Lewandowski
Marcia A. Mackin
Mark Halladay McConnell
Sandra Hedges Meddles
John Ward Meeker
Therese A. Monett
Cynthia L. Polomsky
Brenda Joan Rakestraw
Marc J. Rehmar
Jan Clemmons Roth
Akram Abid Safa

Pamela Apple Sievert
Sheryl Jean Skidmore
Gloria Jean Smith
Michael Trent Stanforth
Patricia Lynn Swaney
Cathy Lynn Vance
Alice Wagner
Leigh Hritz Webb
Susan L. Weber
Theresa Ann Wolfinger

Cum Laude with Distinction

Michael Trent Stanforth

Cum Laude with Distinction in Animal Science

Mark Edward Whitacre

With Distinction in Agricultural Economics

Garlena Ann Bauer

Cum Laude with Honors in the Liberal Arts

Debra L. McDonald

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND FIFTY-THIRD MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, January 10, 1980

The Board of Trustees met at its regular monthly meeting on Thursday, January 10, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Patricia D. James, Chairman, Howard D. Sirak, Chester Devenow, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens and Edmund C. Redman.

* * *

Minutes of the last meeting were approved.

* * *

January 10, 1980 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM

Resolution No. 80-64

Synopsis: Resolutions honoring the service of five of this 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.

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

Walter C. Barrett

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 3, 1979, of Walter C. Barrett, Instructor and County Extension Agent Emeritus, in the Cooperative Extension Service.

Mr. Barrett was born December 6, 1904, in Grafton, West Virginia. He spent the early years of his life on a farm and graduated from high school in Sayre, Pennsylvania, in 1922. He received his B.Sc. degree in Animal Husbandry in 1926 from Pennsylvania State University. Additional graduate education courses were taken at The Ohio State University and Wilmington College prior to joining the Ohio Cooperative Extension Service faculty.

From 1926 to 1930, Mr. Barrett was engaged in farming both in Ohio and Pennsylvania. From 1930 to 1944, he taught vocational agriculture in Clinton, Athens, and Paulding Counties. On May 16, 1944, he became Acting County Agricultural Agent in Paulding County. On November 1, 1946, he became County Agricultural Agent which was the position he retired from on December 31, 1966, culminating over 35 years of service to the people of Ohio.

Throughout his career as a faculty member with the Ohio Cooperative Extension Service, Mr. Barrett earned and enjoyed the respect and admiration of the people of Paulding County and of his fellow workers. During his entire career he was responsible for educational programs in Paulding County for both adults and youth. Agronomic and 4-H activities provided the backbone of his educational thrust.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Barrett 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 sympathy and respect.

Werner L. Becher

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 3, 1979, of Werner L. Becher, Associate Professor Emeritus in the Cooperative Extension Service.

January 10, 1980 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Werner L. Becher (contd)

Professor Becher was born August 9, 1915, in Willshire, Mercer County, Ohio. He attended Willshire High School, graduating in 1934. He enrolled in the College of Agriculture at The Ohio State University in 1937 and received his Bachelor of Science in Agriculture degree in 1948. From 1941 to 1945 he served as a flying instructor in the United States Army. On April 1, 1948, he joined the faculty of The Ohio State University as Associate County Extension Agent in Van Wert County. Graduate education was pursued at Purdue University, Georgetown University and The Ohio State University where he received the Master of Science degree in 1964.

Professor Becher retired June 30, 1978, culminating over 30 years of dedicated service to the citizens of Van Wert County. Throughout his entire career he was a dedicated and highly respected educator. He was known and respected by his peers on the extension faculty throughout the state. His effective leadership and contributions to the horticultural and youth interests of Van Wert County and northwestern Ohio are well remembered. He served these audiences well.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Becher 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 sympathy and respect.

Harold V. Ellingson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 24, 1979, of Harold V. Ellingson, Professor Emeritus in the Department of Preventive Medicine.

Professor Harold V. Ellingson was born in Parker, Idaho, on February 26, 1913. He attended elementary and high school in St. Anthony, Idaho, and went on to the University of Idaho, where he received the Bachelor of Science degree in 1935. He pursued graduate studies at the University of Wisconsin, where he was awarded the degrees of Master of Science in 1936, and Doctor of Philosophy in 1939. He also attended the University of Wisconsin College of Medicine and obtained the Doctor of Medicine degree in 1941.

In 1942, Dr. Ellingson entered the U. S. Army Medical Corps as a First Lieutenant and was assigned as Medical Laboratory Officer and Medical Safety Officer at Ft. Detrick, Maryland. In 1945, Dr. Ellingson was assigned to the Johns Hopkins School of Hygiene, where he earned the Master of Public Health degree. He then served as Public Health Consultant and Laboratory Chief in Korea and returned to the United States in 1948 as Hospital Commander at Ft. Detrick. He attended the School of Aviation Medicine, Randolph Air Force Base, 1945-46, and was subsequently appointed Head of the Department of Preventive Medicine at the School.

Dr. Ellingson served as Deputy Surgeon in the Alaskan Air Command, 1954 to 1957, and as Director of Education at the School of Aviation Medicine, 1957-59. In 1959, he was

January 10, 1980 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Harold V. Ellingson (contd)

appointed Commander of the USAF Medical Service School and in 1963 as Commander of the USAF School of Aerospace Medicine. Dr. Ellingson received numerous military awards, including the Legion of Merit with Oak Leaf Cluster.

In 1966, Dr. Ellingson retired from the U. S. Air Force and was appointed Chairman and Professor of Preventive Medicine at The Ohio State University College of Medicine. He served in this position until his retirement in 1977. He gave leadership to the faculty of the Department in the development of a unique graduate program aimed at the preparation of specialists in preventive medicine and teachers and researchers in epidemiology, environmental health, and health policy and planning. He was instrumental, with the departmental faculty, in developing a medical student outreach program that has, since 1971, assigned over 2,000 medical students to special projects in preventive medicine and community health.

Dr. Ellingson was certified in public health and in aerospace medicine by the American Board of Preventive Medicine and later served as President of the American College of Preventive Medicine and Secretary-Treasurer of the Board. He was also Chairman of the AMA Section on Preventive Medicine and Chairman of the Fellows' Group of the Aerospace Medical Association.

On behalf of the University community, 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.

Samuel B. Folk

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 15, 1979, of Samuel B. Folk, Professor Emeritus in the Department of Engineering Mechanics.

Professor Folk was born in Marion, Ohio, on October 18, 1897. As an undergraduate at Ohio State, he was an assistant in astronomy and instructor in civil engineering and received the Bachelor of Civil Engineering degree in 1920. He was an instructor in mechanics and hydraulics at Case Institute of Technology where he received the Master of Science degree. He taught at North Dakota State College and then was senior inspector for the Pennsylvania Highway Department before returning to Ohio State as assistant professor of mechanics in 1926. During World War II, he served the U. S. Office of Education, Department of Engineering Science, and Management War Training. He retired from teaching in 1967.

Professor Folk authored numerous technical papers and was co-author with James E. Boyd of the popular undergraduate textbook, *Strength of Materials*, 5th Edition, published in 1950. He was a Fellow of the American Society of Civil Engineers, a Fellow of the American Society of Mechanical Engineers, and a Fellow of the American Association for the Advancement of Science.

January 10, 1980 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Samuel B. Folk (contd)

Professor Folk belonged to several honorary and professional societies and often served as an officer. He is remembered as an excellent teacher, having won the College of Engineering's Meritorious Teaching Award. He served the department for many years as vice chairman and graduate committee chairman and was responsible for planning and remodeling of Boyd Laboratory.

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.

Dwight M. Palmer

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 14, 1979, of Dwight M. Palmer, Professor Emeritus in the Department of Medicine.

Dr. Palmer was a remarkable and gifted faculty member who contributed heavily to the development of this institution and whose activities spanned the period of its greatest growth spurts. His life in medicine, as was typical of physicians of his era, was characterized by dignity and high professionalism.

Dr. Palmer came from rural origins in Scio, Ohio, and distinguished himself as a brilliant student throughout the educational process. As an undergraduate at Ohio State, he earned his way as a teaching assistant in anatomy in his junior and senior years. He continued as an instructor in anatomy throughout medical school days, which were marked by high scholarly performance and an AOA membership. In 1932, Dr. Palmer started his internship at the old White Cross Hospital. Then, partway through his internship, either because of reconsideration of career goals or of intensive proselyting efforts by Dr. Francis Landacre, he returned to a full-time position in anatomy. Under Landacre's tutelage, Dr. Palmer completed a series of embryological studies, taught gross and microscopic anatomy and took over the course in neuroanatomy. In addition, he managed to complete work for a Master's degree in neuropathology. From the neuroanatomy course, there developed a textbook called, *The Human Nervous System*, first published in 1937. It is a remarkable volume, having clear exposition and an excellent integration of structure with neurological and psychological functions, an accomplishment far ahead of its time.

Dr. Palmer became more and more drawn to the clinical aspects of brain function. In 1937, he transferred to the Department of Medicine where he began teaching neurology and psychiatry. Through intensive self-study and observation, he achieved proficiency in these fields and was certified in both psychiatry and neurology in 1940. These teaching activities continued through the war years. In 1943 and 1944, he served as secretary of the faculty.

By 1952, it was clear that the growth of the neurological and psychiatric disciplines was so great as to require separate units. The department was split up and Dr. Palmer elected to

January 10, 1980 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Dwight M. Palmer (contd)

follow his major interest, returning to the Department of Medicine as Director of the Division of Neurology. Again, a substantial number of publications in clinical neurology and EEG followed his new appointment.

In 1965, he felt the need to reduce his responsibilities somewhat and retired as director. At about this time another clinical interest developed, that of forensic medicine. He was elected President of the American Academy of Forensic Science and later served on the National AMA Committee which completed the arduous task of assigning disability ratings to all neurological and psychiatric disorders. In 1972 he became 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.

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AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY

Resolution No. 80-65

Synopsis: Approval of amendments to Rules of the University Faculty (3335-3-09, 3335-5-52 and 3335-5-54) is 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 *Rules of the University Faculty* as approved by the University Senate:

3335-3-09 Vice president for student services.

The principal administrative officials in the office of student services reflect the organizational change in the office with the inclusion of the new titles.

3335-5-52 Council on admission and registration.

Membership on the council on admission and registration changed from vice president for business and administration to vice president for educational services to reflect the change of responsibilities.

3335-5-54 Committee on academic misconduct.

The assistant vice president for student programs and development was changed to dean of student life to indicate the new title in the office of student services.

January 10, 1980 meeting, Board of Trustees

AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to *Rules of the University Faculty*, as approved by the University Senate on November 10, 1979, be adopted by the Board of Trustees for inclusion in the next publication of the *Rules of the University Faculty*.

Upon motion of Mr. Hilliker, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

RULES

3335-3-09 Vice president for student services.*

- (C) The principal administrative officials of the office of student services shall be the assistant vice president(s), the dean of student life, the director of counseling and consultation services, the director of the university health services, the director of Ohio/Drake unions, the director of student financial aids, the director of athletics, the director of residence and dining halls, the director of recreation and intramural sports, the director of international student and scholar services, and such other associates as may be authorized from time to time. (B/T 7/11/68, B/T 9/10/70, B/T 12/3/71, B/T 10/5/73, B/T 4/6/79, B/T 1/10/80)

3335-5-52 Council on admission and registration.

- (A) The council on admission and registration shall consist of seventeen members chosen as follows:
- (2) Ex officio members. The persons holding the following three titles shall be ex officio members: provost or his designee (who shall serve as chairman of the council); vice president for educational services or his designee (who shall serve as secretary of the council); and the vice president for finance and planning or his designee.

3335-5-54 Committee on academic misconduct.

- (A) The committee on academic misconduct shall consist of six members of the university faculty, two representatives from the council of graduate students, two undergraduate students, and without vote, the dean of student life (or his designee) ex officio. The committee membership shall also include a coordinator, appointed by the provost, and charged with assisting the committee in administrative matters. The coordinator shall not participate in the decisions of the committee. The six members of the university faculty shall be elected by the senate for a term of three years, the election to be held annually so that two members will retire each year. No member of the university faculty shall serve more than two consecutive terms.

*Rule initiated by board of trustees.

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January 10, 1980 meeting, Board of Trustees

AMENDMENT OF RULE 3335-9-13 -- APPLICATION AND ACCEPTANCE FEES

Resolution No. 80-66

Synopsis: An amendment to Rules of the University Faculty establishing a foreign student application fee is proposed.

WHEREAS the costs of reviewing applications submitted by foreign students are higher than for other applicants; and

WHEREAS the number of foreign students enrolling is low when compared to the number of foreign applications received and processed; and

WHEREAS the Board of Trustees on November 30, 1979, authorized an application fee of \$25 for foreign applicants seeking admission for Spring Quarter, 1980, or later:

NOW THEREFORE

BE IT RESOLVED, That Rule 3335-9-13 of *Rules of the University Faculty* is hereby amended by adding thereto subsection (F) to read as follows:

3335-9-13 Application and acceptance fees.

(F) Graduate applications by foreign students for first admission to the university must be accompanied by an application fee. This fee is non-refundable and is not credited against any other fees charged by the university.

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

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UNIVERSITY RETIREMENT BENEFITS

Resolution No. 80-67

Synopsis: It is proposed that membership in the University's Retirement Plan shall be optional effective February 1, 1980.

WHEREAS the Board of Trustees in April, 1939, established a plan of retirement benefits for faculty members, effective January 1, 1940, to supplement the benefits of the State Teachers Retirement System; and

WHEREAS the University's plan was mandatory and provided for the purchase of annuities by payroll deduction of 4 per cent on salaries up to \$5,000 with the University contributing 2 per cent (added to the participant's salary) and the faculty member contributing 2 per cent; and

January 10, 1980 meeting, Board of Trustees

UNIVERSITY RETIREMENT BENEFITS (contd)

WHEREAS effective October 1, 1950, the full 4 per cent payroll deduction contribution was funded by the University (added to the participant's salary) for faculty members enrolled at that time, and the plan, reduced to a 2 per cent contribution funded by the University, was made optional for faculty members new to Ohio State on and after that date; and

WHEREAS Board action effective June 30, 1955, ended the enrollment of new members in the plan; and

WHEREAS a resolution in 1958 permitted participants to withdraw on a one-time-only basis, effective January 1, 1959:

NOW THEREFORE

BE IT RESOLVED, That membership in the University's Retirement Plan shall be optional for all participants as of February 1, 1980, and those desiring to discontinue participation shall notify the Vice President for Personnel Services, in writing not later than thirty (30) days prior to the date discontinuance from the plan is desired, and the University shall, on the date discontinuance is to be effective, relinquish all claim or control over the policies of those persons withdrawing from the plan; and

BE IT FURTHER RESOLVED, That for members withdrawing from the University's Retirement Plan, the salary add-on contribution (\$204 per annum for those enrolled prior to October 1, 1950 or \$108 per annum for those enrolled on and after October 1, 1950) made by the University shall be discontinued on the effective date of withdrawal from the plan; and

BE IT FURTHER RESOLVED, That the University's contribution under the Retirement Plan shall be continued for those persons remaining in the plan.

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

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PERSONNEL ACTIONS

Resolution No. 80-68

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Leaves of Absence Without Salary and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the November 30, 1979 meeting of the Board, including the following Leaves of Absence Without Salary and Emeritus Titles, as detailed in the University Budget for 1979-80, be approved.

January 10, 1980 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary

DAVID F. ROBINSON, Associate Professor, Department of Slavic and East European Languages and Literatures, effective April 1, 1980 through June 30, 1980, to study Slavic paleography in Bulgaria under a grant from the International Research and Exchange Board.

THOMAS E. LINEHAN, Instructor, Department of Art Education, effective April 1, 1980 through September 30, 1980, to accept visiting assistant professorship in the Department of Art Education at the University of Oregon.

Emeritus Titles

DONALD F. WESTRA, Office of Medical Affairs, with the title Assistant Vice President Emeritus, effective February 1, 1980.

C. EUGENE MAYNARD, Marion Campus, with the title Dean/Director Emeritus, effective February 1, 1980.

CHARLES P. KNOTTS, Cooperative Extension Service, with the title Professor Emeritus, effective February 1, 1980.

ROBERT M. GIESY, Department of Botany, with the title Associate Professor Emeritus, effective February 1, 1980.

ANN M. SULLIVAN, University Libraries, with the title Instructor Emeritus, effective January 1, 1980.

Upon motion of Mr. Smith, seconded by Mr. Devenow, 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. 80-69

Synopsis: The report on contracts, grants and gifts and the summary for November 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 Office of Business and Administration of the University, The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

January 10, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

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 Office of Business and Administration, the Engineering Experiment Station, and The Ohio State University Development Fund during the month of November 1979, be approved.

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

SUMMARY FOR NOVEMBER 1979

Source	No. of Projects	Support Level
Office of Business and Administration	3	\$ 86,896.25
The Ohio State University Research Foundation	60	2,583,651.29
Engineering Experiment Station	2	21,290.00
		\$2,691,837.54
September 1979		
The Ohio State University Development Fund	1,760 Donors	\$ 521,848.83
October 1979		
The Ohio State University Development Fund	3,437 Donors	\$ 811,276.11
Establishment of Named Funds		
The Ernestine G. Wampler Bucher Fund (College of Law)		\$ 60,000.00
The William M. Batten Scholarships in Administrative Science (Undergraduate female and/or minority students)		\$ 30,000.00
The Margaret B. Gill Scholarship (Undergraduate students - School of Home Economics)		\$ 5,420.00

January 10, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR NOVEMBER 1979 (contd)

Establishment of Named Funds

Warren Wheeler Memorial Fund (Visiting professorship in pediatrics)	\$ 5,312.00
Neal E. Vivian Research Award (Research in marketing and distributive education)	\$ 3,501.37

Report from Presidents Club

Members to date	3,289
1979: year to date	447
New members - November 1979	50

New Presidents Club Members - November 1979

Frank Adams	Robert Kaplan
George Avakian	Norman M. King
John V. Barger, III	John D. Kost
James E. Barton	Barbara C. LaRose
Jared N. Block	Daniel T. Marshall
Roger B. Christenson	Kathryn Anne Minton
D. J. Dallis	Karen M. Moore (Mrs. R. E.)
Bruce T. Davis	Larry Olmutz
Richard J. DeLapa	Joseph W. Olson
Donald A. Delewese	Earl B. Poling
Howard G. Duhamel	Donald A. Raabe
Leta M. Duhamel (Mrs. H. G.)	Richard J. Rogers
John B. Dwyer	Thomas E. Rogers
James D. Edwards	Brent A. Rowland
Peggy M. Falla	Paul D. Ruff
Joseph E. Flannery	Dorothy D. Scott
David P. Gerlach	Daniel J. Strickland
John B. Gerlach, Jr.	William R. Studebaker
Rebecca H. Grogan (Mrs. R. J.)	Joe R. Tribble
Leslie S. Gutter	David F. Ullman
James C. B. Handley	Elizabeth C. Walton
Pamela Henderson (Mrs. H. W.)	Michael J. West
Edward D. Hilt	Calvin D. Wible
Annabelle E. Hoge (Mrs. V. M.)	Robert Woods
William J. Hunzicker	Larry R. Zay

January 10, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

FIRST QUARTER SUMMARY

July 1, 1979 through September 30, 1979

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Source	No. of Donors	Support Level
ANNUAL GIVING		
Direct Mail	2,903	\$ 50,048.50
Annals	2,412	34,155.35
Miscellaneous	5,112	227,897.22
Community Campaigns	101	1,390.00
Corporate Matching Gifts	144	34,671.40
TOTAL	10,672	\$ 348,162.47
MAJOR RESOURCES		
Deferred Gifts	18	\$ 177,799.77
Major Individuals	348	388,101.11
Corporations	269	614,492.20
Corporate Foundations	91	169,048.00
Private Foundations	37	92,092.57
Other Organizations	399	482,043.07
TOTAL	1,162	\$1,913,576.72
GRAND TOTAL	11,834	\$2,261,739.19

January 10, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Contract/Grant

\$72,639.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Hyattsville, Maryland, Health Professions Capitation Grant Program, College of Optometry, October 1, 1979 through September 30, 1980. (Grant No. 5E03MB15402-14)

Other Non-Federal Contracts/Grants

\$10,000.00 - Central Ohio Instructional Resource Center, Columbus, Ohio, for Off-Campus Inservice Courses through COSERRC, Academic Faculty for Exceptional Children, November 1, 1979 through June 13, 1980. (Project No. 170C-IRC-80)

\$4,257.25 - The Midwest Universities Consortium for International Activities, Inc. (MUCIA), Madison, Wisconsin, for Women in Development Network, International Program in Agriculture, September 15, 1979 through September 15, 1980.

TOTAL - OTHER NON-FEDERAL CONTRACTS/GRANTS

\$14,257.25

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$172,863.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Ohio Statewide Cancer Control Support, Cancer Research Center (C. J. Cavalaris), 1 September 1979 through 31 August 1980. (Project 761832 - Continuation)

\$140,752.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., In Vitro Chemical Carcinogenesis and Co-Carcinogenesis in Human Cells Initiated by Hydrazine and Polynuclear Components of Jet Fuel, Department of Veterinary Pathobiology (G. Milo and J. Blakeslee), 1 October 1979 through 30 June 1980. (Project 760702 - Continuation)

\$120,000.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Extension and Expansion of Epitaxial Magnetic Film Evaluation Techniques, Department of Physics (P. Wigen) and Department of Electrical Engineering (M. O. Thurston), 1 October 1979 through 30 September 1980. (Project 764596 - Continuation)

\$85,037.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Pathogenesis of Experimental Atherosclerosis, Department of Physiological Chemistry (D. G. Cornwell), 1 December 1979 through 30 November 1980. (Project 762525 - Continuation)

January 10, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$76,457.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Research on Visual Flight Simulation: Assessment of Scene Complexity and Cue Validity, Department of Psychology (H. Shulman, D. Owen and P. Isaac) and Department of Aviation (R. Jensen), 1 October 1979 through 14 September 1980. (Project 761566 - Continuation)

\$75,788.00 - National Science Foundation, Washington, D. C., Wear and Friction of Metallic Materials, Department of Metallurgical Engineering (D. A. Rigney), 1 November 1979 through 31 October 1980. (Project 761244 - Continuation)

\$71,218.00 - Department of the Air Force, Electronic Systems Division, Hanscom Air Force Base, Massachusetts, The Study of Factors Affecting the Precise Estimation of the Earth's Gravity Field, Department of Geodetic Science (R. H. Rapp), 1 October 1979 through 30 September 1980. (Project 761451 - Continuation)

\$69,245.00 - National Science Foundation, Washington, D. C., Late Quaternary Chronology of Ice-Marginal Variations in the Eastern and Western Cordilleras of Peru, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot) and Institute of Polar Studies (J. H. Mercer), 15 October 1979 through 31 October 1981. (Project 761952 - New)

\$59,623.00 - National Science Foundation, Washington, D. C., Thermo-regulatory Significance of Pigment Intensity in Avian Adaptations, Department of Zoology (S. I. Lustick), 1 November 1979 through 31 October 1982. (Project 761934 - New)

\$50,000.00 - National Science Foundation, Washington, D. C., Development and Expression of Bacterial Viruses in Anucleate Cells, Department of Microbiology (J. N. Reeve), 1 November 1979 through 31 October 1980. (Project 761938 - New)

\$49,995.00 - Department of the Navy, Naval Training Equipment Center, Orlando, Florida, Computer Animation of a Realistic Terrain Model, Department of Art Education (C. A. Csuri), 1 December 1979 through 30 November 1980. (Project 761954 - New)

\$49,992.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Problems of Statistical Inference and Optimization with Special Applications, Department of Statistics (J. S. Rustagi and E. J. Dudewicz), 1 October 1979 through 30 September 1980. (Project 761219 - Continuation)

\$49,983.00 - Department of the Army, Ballistic Missile Defense Systems Command, Huntsville, Alabama, Advanced Numerical Optical Concepts, Department of Electrical Engineering (S. Collins), 18 October 1979 through 30 September 1980. (Project 760625 - Continuation)

January 10, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$46,630.00 - Department of the Army, Huntington District, Corps of Engineers, Huntington, West Virginia, Review and Analysis of Water Supply and Demand Projections for the Central Ohio Area, Department of Civil Engineering (E. E. Whitlatch, Jr.), 9 November 1979 through 30 September 1980. (Project 761943 - New)

\$40,000.00 - National Science Foundation, Washington, D. C., Role of Alpha-Lactalbumin in Lactose Biosynthesis, Department of Chemistry (L. J. Berliner), 1 November 1979 through 31 October 1980. (Project 761432 - Continuation)

\$34,374.00 - Department of the Air Force, Aeronautical Systems Division, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, TVCM Effects, Department of Electrical Engineering (J. Meadors), 1 October 1979 through 31 December 1979. (Project 761086 - Continuation)

\$34,200.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Research on the Kinetics of Phase Changes on Solids, Department of Metallurgical Engineering (J. P. Hirth), 15 December 1979 through 14 December 1980. (Project 760222 - Continuation)

\$28,467.00 - National Science Foundation, Washington, D. C., Comparative Cytology of Selected Chlorophyta, Department of Botany (G. L. Floyd), 1 January 1980 through 31 December 1980. (Project 761939 - New)

\$27,241.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, An Introductory Study of the H-Force Rotor, Department of Mechanical Engineering (H. R. Velkoff), 1 November 1979 through 30 September 1980. (Project 760964 - New)

\$26,964.00 - National Science Foundation, Washington, D. C., Dating Late Cenozoic Glaciations in Southern Argentina, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot) and Institute of Polar Studies (J. H. Mercer), 1 December 1979 through 30 November 1980. (Project 760965 - Continuation)

\$26,483.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Hemoglobin Iron Metabolism by Human Macrophages, Department of Medicine (J. J. Rinehart), 1 December 1979 through 30 November 1980. (Project 761483 - Continuation)

January 10, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$25,334.00 - National Science Foundation, Washington, D. C., Collaborative Research on Monopoly Prices and Qualities Under Uncertainty, Department of Economics (M. L. Visscher), 15 November 1979 through 30 November 1981. (Project 761947 - New)

\$20,944.00 - Department of Health, Education, and Welfare, Office of Human Development, Rehabilitation Services Administration, Region V, Chicago, Illinois, Traineeships in Speech Pathology and Audiology, Department of Communication (E. J. Hardick), 1 September 1979 through 31 August 1980. (Project 760885 - Continuation)

\$16,067.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Influence of Roost Site Selection and Maximizing the Efficiency of Starling and Blackbird Energetics, Department of Zoology (S. Lustick), 1 December 1979 through 30 November 1980. (Project 761441 - Continuation)

\$9,990.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Dual Possibilities of the Merit Pay System: Reward or Reinforcement?, Department of Psychology (J. A. Rysberg), 15 November 1979 through 14 November 1980. (Project 761936 - New)

\$9,603.00 - Department of the Air Force, Electronic Systems Division, Air Force Systems Command, Hanscom Air Force Base, Massachusetts, Correlation Properties of Differential Reflectivity and Their Implications for Radar Meteorology, Department of Electrical Engineering (T. A. Seliga), 1 October 1979 through 31 January 1980. (Project 761512 - Continuation)

\$8,411.00 - Department of Health, Education, and Welfare, Office of Human Development, Office of Rehabilitation Services, Region V, Chicago, Illinois, Traineeships in Physical Therapy, School of Allied Medical Professions (F. M. Pierson), 1 September 1979 through 31 August 1980. (Project 760804 - Continuation)

\$7,500.00 - Department of the Army, U. S. Army Research Office, Research Triangle Park, North Carolina, International Symposium on Molecular Spectroscopy, Department of Physics (K. N. Rao), 1 December 1979 through 30 November 1980. (Project 761955 - New)

\$6,919.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, A Model for Medical Treatments Evaluation, Department of Statistics (E. J. Dudewicz and J. Hsu), 1 September 1979 through 31 August 1980. (Project 761814 - Continuation)

January 10, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$6,691.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., ERIC Information Analysis Center for Science, Mathematics, and Environmental Education, Academic Faculty of Science and Mathematics Education (R. W. Howe), 1 January 1978 through 31 December 1979. (Project 761083 - Continuation)

\$3,950.00 - U. S. Department of Agriculture, Forest Service, Bedford, Indiana, Distribution and Habitat Characteristics of the Indiana Bat in Wayne National Forest, Ohio, Department of Zoology (T. A. Bookhout), 1 October 1979 through 30 September 1980. (Project 761336 - Continuation)

\$883.00 - Department of the Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Techniques for Optical Power Limiting, Department of Electrical Engineering (J. Meadors), 1 October 1979 through 22 November 1979. (Project 760547 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$1,451,604.00**

State of Ohio Research Contracts/Grants

\$197,499.00 - State of Ohio, Department of Health, Columbus, Ohio, Care of the High-Risk Mother and Infant, Department of Pediatrics (L. Cordero), 1 October 1979 through 30 September 1980. (Project 764100 - Continuation)

\$73,700.00 - State of Ohio, Department of Health, Columbus, Ohio, Ohio State University Family Planning Division - Fertility, Department of Obstetrics and Gynecology (F. Zuspan), 1 October 1979 through 30 September 1980. (Project 763510 - Continuation)

\$52,717.50 - State of Ohio, Department of Education, Columbus, Ohio, A Proposal for the Development of Sports Nutrition Educational Materials to be Used in Cooperation with the Nutrition Education and Training Program, Department of Human Nutrition and Food Management (L. P. Porcello and V. M. Vivian), 17 September 1979 through 15 September 1980. (Project 761941 - New)

\$43,848.00 - State of Ohio, Department of Economic and Community Development, Columbus, Ohio, Executive Development Seminars for Community Action Programs, College of Administrative Science, Division of Continuing Education (J. P. Stanley), 15 September 1979 through 31 March 1980. (Project 761937 - New)

January 10, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$42,894.00 - American Cancer Society, Inc., New York, New York, Prolactin Receptor Concentrations in Breast Cancer, Department of Medicine (W. Malarkey), 1 January 1980 through 31 December 1980. (Project 760987 - Continuation)

\$31,051.00 - United Cerebral Palsy Research and Educational Foundation, Inc., New York, New York, Effect of Phenobarbital on Developing Rat Brain, Department of Pharmacology (S. Tjioe), 1 July 1980 through 30 June 1981. (Project 761948 - New)

\$30,000.00 - University of Pittsburgh, Pittsburgh, Pennsylvania, The Evolution and Mechanisms of Symbiont-Host Recognition on Two Insect Disorders, Department of Medical Microbiology (N. L. Somerson), 1 September 1979 through 28 February 1981. (Project 761856 - New)

\$21,956.00 - Southeastern Center for Electrical Engineering Education, Orlando, Florida, Formal Analytical Structure for Manned Systems Technology, Department of Industrial and Systems Engineering (R. A. Miller), 10 October 1979 through 31 December 1980. (Project 761953 - New)

\$19,950.00 - Commonwealth of Pennsylvania, Department of Education, Harrisburg, Pennsylvania, Consortium for the Development of Professional Materials for Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1979 through 30 June 1980. (Project 761944 - Continuation)

\$19,607.00 - Franklin County Mental Health and Retardation (648) Board, Columbus, Ohio, Community Work Project, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 October 1979 through 30 September 1980. (Project 761912 - Continuation)

\$13,250.00 - Wilmer-Hutchins Independent School District, Dallas, Texas, Membership in the Alliance for Career and Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 September 1979 through 30 June 1980. (Project 761935 - New)

\$10,400.00 - Virginia State Corporation Commission, Richmond, Virginia, Fuel Cost Forecasting and Monitoring Procedures, National Regulatory Research Institute (D. N. Jones and K. A. Kelly), 1 July 1979 through 31 October 1979. (Project 761426 - Continuation)

\$5,000.00 - National Live Stock and Meat Board, Chicago, Illinois, Hypercholesterolemia, Vitamin E and Thrombosis, Department of Physiological Chemistry (R. V. Panganamala), 1 October 1979 through 30 September 1980. (Project 761354 - Continuation)

January 10, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$3,600.00 - National Semiconductor, Santa Clara, California, Resonance Field Measurement of Garnet and Iron Implanted Garnet, Department of Physics (P. E. Wigen), 1 November 1979 through 31 August 1980. (Project 761950 - New)

\$3,055.00 - College of the Mainland, Texas City, Texas, Technical Assistance, The National Center for Research in Vocational Education (R. E. Taylor), 1 November 1979 through 30 November 1979. (Project 768022 - New)

\$3,000.00 - Kalamazoo Valley Community College, Kalamazoo, Michigan; Caldwell Community College and Technical Institute, Hudson, North Carolina; Orangeburg-Calhoun Technical College, Orangeburg, South Carolina, National Alliance of Postsecondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1979 through 30 June 1980. (Project 761599 - Continuation)

\$2,500.00 - The Cleveland Foundation, Cleveland, Ohio, Ohio Commission for Children's Statewide Conference on Children's Needs, College of Administrative Science, Division of Continuing Education (D. E. Crawford), 1 November 1979 through 31 October 1980. (Project 761945 - New)

\$1,000.00 - World Health Organization, 1211 Geneva 27, Switzerland, Studies on Immunization Against Echinococcus Granulosus, Department of Veterinary Pathobiology (R. P. Herd), 1 January 1980 through 31 December 1980. (Project 760738 - Continuation)

\$426.00 - State of Florida, Department of Education, Tallahassee, Florida, Technical Assistance, The National Center for Research in Vocational Education (R. E. Taylor), 1 November 1979 through 30 November 1979. (Project 768023 - New)

\$325.00 - West Virginia State Department of Education, Charleston, West Virginia, Technical Assistance, The National Center for Research in Vocational Education (R. E. Taylor), 1 November 1979 through 30 November 1979. (Project 768024 - New)

TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS **\$ 662,155.00**

January 10, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$15,650.00 - Gulf Research and Development Company, Pittsburgh, Pennsylvania, for Stress Response Associated with Underground Coal Gasification, Department of Engineering Mechanics, November 1, 1979 through October 3, 1980. (EES 600/529080)

\$5,640.00 - City of Columbus, Columbus, Ohio, for Startup: Full Scale Field Demonstration of Unheated Anaerobic Contact Stabilization, Department of Civil Engineering, October 25, 1979 through January 24, 1980. (EES 603/529083)

**TOTAL - INDUSTRIAL AND OTHER SPONSORED
RESEARCH AND DEVELOPMENT**

\$21,290.00

Sponsored Development Projects

\$157,424.00 from various sponsors for 31 development projects.

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$445,500.00 - Trust Under the Will of Kathryn L. Mitchell, Columbus, Ohio, for The Gilbert and Kathryn Mitchell Fund.

\$71,000.00 - Sidney L. Pressey Trust, Columbus, Ohio, for Sidney L. Pressey Honors Program Endowment Fund.

\$44,000.00 - Kaiser Aluminum and Chemical Corporation, Charleston, West Virginia, for Kaiser Aluminum Scholarship Program.

\$32,500.00 - The Yassenoff Foundation, Inc., Columbus, Ohio: \$25,000.00 for The Leo Yassenoff Chair of Jewish Philosophy and \$7,500.00 for Student Athlete Grant-in-Aid Fund.

\$32,000.00 - The Camille and Henry Dreyfus Foundation, Inc., New York, New York, for Dreyfus Teacher-Scholarship Grant.

\$30,000.00 - Ashland Oil, Inc., Ashland, Kentucky, for College of Engineering Campaign.

\$30,000.00 - Shell Companies Foundation, Inc., Houston, Texas: \$7,500.00 for Shell Companies Foundation Fund; \$7,500.00 for Shell Companies Foundation Fund for Chemical Engineering; \$7,500.00 for Shell Companies Foundation Fund for Metallurgical Engineering; and \$7,500.00 for Shell Companies Foundation Fund for Chemistry.

January 10, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$29,247.72 - Louise Orr Scott Foundation, Columbus, Ohio: \$21,935.79 for William Craig Orr and Mary Black Orr Scholarship in Medicine and \$7,311.93 for William Craig Orr and Mary Black Orr Scholarship in Pharmacy.

\$28,861.00 - The University Obstetricians and Gynecologists, Columbus, Ohio, for EPR-OBS Fund.

\$23,610.00 - Ohio Lions Eye Research, Columbus, Ohio: \$6,260.00 for Ohio Lions; \$6,225.00 for Lions Research; \$6,050.00 for Electroencephalogram Fund; and \$5,075.00 for Visual Function Fund.

\$21,561.65 - Grace M. Weaver Trust, Cleveland, Ohio, for Cancer Research Fund.

\$15,000.00 - Systems Associates, Columbus, Ohio: \$9,000.00 for Cardiology Support Fund and \$6,000.00 for Cardiology Support Fund (given in the names of Theophil T. Sutton, M.D. and Carol O. Bush, respectively).

\$13,960.00 - The Upjohn Co., Kalamazoo, Michigan, for Clinical Pharmacology Fund.

\$10,078.13 - Foundation for Endowment of a Chair at Ohio State University, New York, New York, for Meshulam Riklis Chair in Business and Its Environment Fund.

\$10,075.00 - John B. Dwyer, Bryan, Ohio, for Presidents Club Special Fund.

\$10,000.00 - Estate Under the Will of Florence Ogden Wilson, Oklahoma City, Oklahoma, for Florence O. Wilson Endowment Fund.

\$9,950.00 - IBM, Thomas J. Watson Research Center, Yorktown Heights, New York, for Department of Physics IBM Minority Fellowship Fund.

\$9,758.00 - John W. Alford, Newark, Ohio, for Presidents Club Special Fund.

\$9,712.07 - University Eye Surgeons, Inc., Columbus, Ohio (given in the name of Richard H. Keates, M.D.), for Eye Bank Fund.

\$8,480.00 - Ohio Edison Company, Akron, Ohio, for Ohio Electric Utility Institute Fellowship Fund.

\$8,000.00 - George F. Lonz Foundation, Middle Bass, Ohio, for George F. Lonz Foundation for Enology and Viticulture.

January 10, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$7,300.00 - Weirton Steel, Weirton, West Virginia, for National Steel Fellowship in Metallurgical Engineering.

\$6,700.00 - Select Sires, Plain City, Ohio, for Sperm Fertility Research.

\$6,664.97 - Retinal Consultants, Inc., Columbus, Ohio, for Retina Research Fund.

\$6,567.00 - Pfizer, Inc., Groton, Connecticut, for Clinical Pharmacology Fund.

\$6,150.00 - Eastman Kodak Company, Rochester, New York: \$1,950.00 for Eastman Kodak Scholarship in Industrial Engineering; \$1,650.00 for Eastman Kodak Scholarship in Chemical Engineering; \$1,200.00 for Eastman Kodak Scholarship in Electrical Engineering; \$600.00 for Eastman Kodak Scholarship in Engineering Physics; \$600.00 for Eastman Kodak Scholarship in Chemistry; and \$150.00 for Eastman Kodak Scholarship in Mechanical Engineering.

\$5,445.11 - Cravat Coal Company, Cadiz, Ohio, for Ohio 4-H Foundation Support Fund.

\$5,250.00 - The Edward Orton, Jr., Ceramic Foundation, Columbus, Ohio, for John L. Carruthers Fellowship in Ceramic Engineering.

\$5,012.91 - Antique Show Receipts, Columbus, Ohio, for Presidents Club Special Fund.

\$5,000.00 - Ford Motor Company Fund, Dearborn, Michigan, for Corporate Associates.

\$5,000.00 - General Electric Foundation, Stamford, Connecticut, for Affirmative Action Program in Engineering Fund.

\$5,000.00 - Arlene and Thomas Patton Foundation, Cleveland, Ohio, for C. William O'Neill Professorship of Law Fund.

\$5,000.00 - Phillips Petroleum Foundation, Inc., Bartlesville, Oklahoma, for Mechanical Engineering Coal Combustion Laboratory Fund.

\$5,000.00 - Union Carbide Corporation, Tarrytown, New York, for Union Carbide Corporation Fellowship and Grant-in-Aid Fund in Chemical Engineering.

January 10, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds

The Ernestine G. Wampler Bucher Fund

The Ernestine G. Wampler Bucher Fund was established January 10, 1980, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University College of Law, by the late Walter J. Bucher, of Montgomery County, Ohio, in memory of his wife, Ernestine G. Wampler Bucher, J.D. '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 spent at the direction of the Dean of the College of Law for whatever purpose, in the judgment of the Dean, will best serve the goal of promoting quality legal education at The Ohio State University College of Law.

Should the need for The Ernestine G. Wampler Bucher Fund cease to exist or so diminish as to provide unused income, 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.

The William M. Batten Scholarships in Administrative Science

The William M. Batten Scholarships in Administrative Science was established January 10, 1980, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund arranged by William M. Batten, B.S.Bus.Adm. '32, of New York, New York.

All gifts are to be invested in the University's Permanent Endowment Fund, under the 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:

1. Partial scholarships of \$500 each for promising undergraduate students in financial need, with preference to qualified minorities in the College of Administrative Science. The purpose is to give economic assistance to students in need and to afford opportunities for promising minority students.
2. One \$500 merit scholarship for the outstanding female undergraduate in the College of Administrative Science. The scholarship should help to provide recognition for female achievement in this field and to encourage female participation in the mainstream of economic life.

January 10, 1980 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 William M. Batten Scholarships in Administrative Science (contd)

Should the need for these particular scholarships cease to exist at a later date which we cannot anticipate, then the income may be used for other needed scholarships that relate to business and economics.

The Margaret B. Gill Scholarship

The Margaret B. Gill Scholarship in Home Economics was established January 10, 1980, by the Board of Trustees of The Ohio State University with a gift from family and friends to The Ohio State University Development Fund in memory of Margaret B. Gill, B.S.H.E. '39, M.S. '66.

All gifts are to be invested in the University's Permanent Endowment Fund under the 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 enrolled in the School of Home Economics, who best exemplify the academic excellence, professional leadership and creativity which she sought to develop in her students. The selection of the recipient(s) is to be made by the School 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 in the College of Agriculture and Home Economics as determined by the Board of Trustees, with preference being given to recommendations from the Dean of the College.

Warren Wheeler Memorial Fund

The Warren Wheeler Memorial Fund was established January 10, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends and associates of the late Warren Wheeler, 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 right to invest and reinvest as occasion dictates.

The annual income is to be used to partially underwrite the cost of an annual visiting professorship in pediatrics. The funding of this faculty position will be jointly sponsored by the Warren Wheeler Fund and Children's Hospital. The selection of the visiting professor is to be made upon the recommendation of the Warren Wheeler Fund Committee with approval by the Chairman of the Department of Pediatrics and the Dean of the College of Medicine.

January 10, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Warren Wheeler Memorial Fund (contd)

The concept of the Warren Wheeler Memorial Fund is to provide annual support for a pediatric expert who will serve for a few days in the kinds of functions carried out by Dr. Wheeler during his years in training residents in pediatrics at Children's Hospital and the Department of Pediatrics at The Ohio State University. Dr. Wheeler was an outstanding clinician of diverse interests and abilities. It would be after his pattern that the candidates for the visiting professor would be selected and it would be clear that his primary role would be to participate with the house staff in their day-to-day experiences which would perpetuate the traditions of Dr. Wheeler's outstanding contributions to the training of pediatric house staff.

Should the need for the faculty 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 pediatric education.

Neal E. Vivian Research Award

The Neal E. Vivian Research Award in marketing and distributive education was established January 10, 1980, by the Board of Trustees of The Ohio State University with gifts from friends to The Ohio State University Development Fund. The Neal E. Vivian Research Award, as established, will stimulate and recognize outstanding research in marketing and distributive education.

All gifts are to be invested in the University's Permanent Endowment Fund, under the 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 principal will be used to give an appropriate recognition to an individual for his/her contribution to research in marketing and distributive education. The recipient's name will also appear on a plaque to be located in the College of Education at The Ohio State University in memory of Neal E. Vivian. The recipient will be selected annually by the Council for Distributive Teacher Education and Research and Awards Committee. The chairperson of the committee will provide potential recipients with the eligibility requirements for the award.

Should the annual income from the principal be sufficient to support additional activities, consideration will be given to activities which support research in marketing and distributive education. The faculty for distributive education shall have the responsibility for recommending such activities. A decision for these activities shall be made by the Dean of the College of Education.

January 10, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Neal E. Vivian Research Award (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 Education.

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**REPORT OF AWARD OF CONTRACT AND
ESTABLISHMENT OF CONTINGENCY FUND**

Resolution No. 80-70

Synopsis: A contract has been awarded for the project enumerated below to the lowest and best bidder in accordance with University procedures.

WHEREAS a resolution adopted by the Board of Trustees at a previous meeting 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 contract for the following project:

GOLF COURSE DAM - SPILLWAY EXPANSION AND RENOVATION

Description: Expansion of spillway capacity, new backwall for the dropbox, new retaining walls, and asphalt repairs to the lower chute.

General Contract

Date Received:	December 11, 1979
No. of Bids:	3
Low Bid:	\$54,785.00
High Bid:	\$96,704.00
Estimate of Cost:	\$55,000.00
Awarded to:	The Righter Company, Columbus, Ohio

January 10, 1980 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACT AND
ESTABLISHMENT OF CONTINGENCY FUND (contd)**

GOLF COURSE DAM - SPILLWAY EXPANSION AND RENOVATION (contd)

Total Contract: \$54,785.00
Total Contingency Allowance: \$ 3,664.58 which is 7 per cent of construction contract
Total Project Cost: \$60,000.00
Funding: Budget Account 885115 (Athletic Revenue)

NOW THEREFORE

BE IT RESOLVED, That pursuant to the action previously authorized by the Board, the award of contract and the establishment of project funds and contingency fund for the project listed above are hereby reported.

Upon motion of Mr. Hilliker, seconded by Mr. Smith, 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 RESEARCH AND GRADUATE EDUCATION FACILITY
AT THE TRANSPORTATION RESEARCH CENTER OF OHIO**

Resolution No. 80-71

Synopsis: Request for authorization to enter into an agreement with the Ohio Board of Regents for the operation of the research and graduate education facility at the Transportation Research Center of Ohio.

WHEREAS the Board of Regents has requested that The Ohio State University enter into a contract with the Regents for the purpose of continuing the management of the research and graduate education facility at the Transportation Research Center of Ohio for the benefit of all institutions of higher education in the State of Ohio; and

WHEREAS this contract 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 Administration of The Ohio State University be authorized to enter into such an agreement with the

January 10, 1980 meeting, Board of Trustees

**AGREEMENT WITH THE OHIO BOARD OF REGENTS FOR THE OPERATION
OF THE RESEARCH AND GRADUATE EDUCATION FACILITY
AT THE TRANSPORTATION RESEARCH CENTER OF OHIO (contd)**

Ohio Board of Regents for the operation of the research and graduate education facility located at the Transportation Research Center of Ohio, East Liberty, Ohio, for the period July 1, 1979 through June 30, 1981.

Upon motion of Mr. Hilliker, 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. 80-72

RESOLVED, That the report on the University's Investment Portfolio, dated December 21, 1979, 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, February 1, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

Patricia D. James
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND FIFTY-FOURTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, February 1, 1980

The Board of Trustees met at its regular monthly meeting on Friday, February 1, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Patricia D. James, Chairman, Howard D. Sirak, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens and Edmund C. Redman.

* * *

Minutes of the last meeting were approved.

* * *

February 1, 1980 meeting, Board of Trustees

The Chairman, Mrs. James, called the meeting of the Board of Trustees to order at 12:00 noon. She requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering personnel-related issues.

Present: Patricia D. James, Chairman, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens and Edmund C. Redman.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

RESOLUTIONS IN MEMORIAM

Resolution No. 80-73

Synopsis: Resolutions honoring the service of three of this 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.

Upon motion of Mr. Havens, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Guy Dowdy

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 17, 1980, of Guy Dowdy, Professor Emeritus, Cooperative Extension Service.

Mr. Dowdy was born November 3, 1889, at Union, West Virginia. He attended Marshall College and West Virginia University from which he received a Bachelor of Science degree in 1917. Graduate education was completed at The Ohio State University with a Master of Science degree awarded in 1920. Additional graduate education was undertaken both at The Ohio State University and the University of Southern California.

Prior to joining the faculty of The Ohio State University, Mr. Dowdy was employed as a County Extension Agent and as a public school teacher in West Virginia. Mr. Dowdy joined the faculty of The Ohio State University as an Assistant State Club Leader for boys and girls club work on February 1, 1920. He served in this capacity until April 1933. For the next fifteen years, he held a variety of positions primarily related to emergency program efforts. On February 1, 1948 he was named Assistant Supervisor of programs of the Ohio Cooperative Extension Service and held this position until the time of his retirement from The Ohio State University on June 30, 1958. From March 1956 until February 1958, Mr. Dowdy served on The Ohio State University team in India where his programming expertise was used to its fullest. Mr. Dowdy was a dedicated and highly respected Extension educational leader and became well known across Ohio, particularly for his leadership with the farmers' institutes that were so popular during his career. He will be remembered for his outstanding contributions to educational programs conducted by The Ohio State University through the Cooperative Extension Service.

February 1, 1980 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Guy Dowdy (contd)

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Dowdy 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 sincere appreciation of the Board's realization of the loss to the family, University and his many friends and associates.

Rossie Greer

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 15, 1979, of Rossie Greer, Home Demonstration Agent Emeritus, Cooperative Extension Service.

Miss Greer was born April 5, 1886, in Greer, Ohio. She attended Brinkhaven High School from which she graduated in 1902. A Bachelor of Science in Home Economics degree was received from The Ohio State University in 1924. Graduate education was completed at Cleveland College and Claremont College with a Master's degree awarded in 1939.

Miss Greer joined the faculty of The Ohio State University as Home Demonstration Agent in Huron County on October 1, 1925. She served in this capacity until 1926 when she became Home Demonstration Agent in Lake County from which position she retired on December 31, 1947.

Miss Greer was a dedicated and highly respected home economics educator serving the people of Lake County and the Cooperative Extension faculty of The Ohio State University. Miss Greer was highly people-oriented and served with enthusiasm. She is remembered for her early and outstanding contributions to educational programs conducted by The Ohio State University through the Cooperative Extension Service.

On behalf of the University community, the Board of Trustees expresses to the family of Miss Greer 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 sincere appreciation of the Board's realization of the loss to the family, University and her many friends and associates.

Chester M. Winter

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 18, 1980, of Chester M. Winter, Professor Emeritus in the College of Dentistry.

Dr. Winter received his D.D.S. degree from The Ohio State University in 1930.

Dr. Winter was a member of the faculty of the College of Dentistry from 1949-1962 while maintaining a private practice. In 1962, he assumed a full-time faculty position in the Division of Prosthodontics in which he served until his retirement in 1974.

February 1, 1980 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Chester M. Winter (contd)

Dr. Winter was a member of the American Dental Association, the Ohio Dental Association, and the Columbus Dental Society. He was an elected member of Theta Chapter of Omicron Kappa Upsilon, the national dental honor society; and a member of Psi Omega, national dental fraternity. He authored several articles on prosthetic dentistry and gave presentations at meetings of the International Association for Dental Research.

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

Resolution No. 80-74

Synopsis: Changes in Bylaws of the Board of Trustees and Rules of the University Faculty 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 January 19, 1980, as follows:

BYLAWS OF THE BOARD OF TRUSTEES

3335-1-05 University organization.

Additional paragraph added to include the four regional campuses and the administrative heads of such campuses.

3335-1-08 Drives and canvassing.

Changes responsibility for granting permission for drives and canvassing from president to the office of registration, records and scheduling.

AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY

3335-5-44 Constituent bodies of the senate.

The Council on Student Affairs has recognized the Graduate Professional Council as the representative body for the professional student constituency.

February 1, 1980 meeting, Board of Trustees

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

AMENDMENTS TO *RULES OF THE UNIVERSITY FACULTY* (contd)

3335-5-46 Senate committees.

Representation on Steering Committee changed from vice president for business and administration to vice president for finance and planning since the duties of these administrators have been redefined.

3335-13-01 Drives and canvassing.

Changes the responsibility for granting permission to sell or canvass on campuses to the office of registration, records and scheduling.

WHEREAS the Regional Campus Review Panel, appointed by the Provost, has made recommendations regarding the operation and organizational structure of the regional campuses, including the addition of new rules and amendments to existing rules in order to incorporate references to regional campuses within the *Rules of the University Faculty* to reflect these changes:

NEW RULES

3335-3-261 Establishment of regional campuses.

The four regional campuses are established and the principal administrative heads are defined.

3335-3-291 Dean and director of a regional campus.

Describes the administrative authority and responsibility of the regional campus dean and director.

3335-5-091 Communication with the vice president for regional campuses.

Established procedures for communication with the vice president for regional campuses.

3335-5-181 Membership.

Faculty membership for regional campuses is defined.

3335-5-182 Meetings.

Procedure established for faculty meetings.

AMENDMENTS

3335-3-13 Vice president for regional campuses.

3335-3-17 Principal administrative officials.

February 1, 1980 meeting, Board of Trustees

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

AMENDMENTS (contd)

- 3335-3-25 Organization of the university.
- 3335-3-32 Associate and assistant deans, coordinators and other officers.
- 3335-3-35 Chairmen of departments, directors of schools.
- 3335-5-06 Guest speakers.
- 3335-5-08 Absence from duty.
- 3335-5-13 Membership.
- 3335-5-17 Membership.
- 3335-7-20 Examination schedules.
- 3335-7-34 Residence work.
- 3335-15-02 The university.

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees adopt the foregoing amendments to the *Bylaws of the Board of Trustees* and new rules and amendments to the *Rules of the University Faculty* as approved by the University Senate.

Upon motion of Dr. Jacob, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

BYLAWS

3335-1-05 University organization.

- (B) Basic educational organization of the university. The basic organization of the educational units of the university shall be departments, divisions, academic faculties, schools, research institutes, colleges, regional campuses, the graduate school, the colleges of the arts and sciences, and the agricultural technical institute.
- (I) Regional campuses. There shall be four regional campuses of the university located at Lima, Mansfield, Marion, and Newark, Ohio. The administrative head of each regional campus shall be a dean and director.
- (J) Agricultural technical institute. The unit of the university for instruction leading to the associate of applied science degree in the agricultural technologies is the agricultural technical institute (Wooster). Regarding matters of administration and operation, the agricultural technical institute shall function as a school in the college of agriculture and home economics.

BYLAWS (contd)

3335-1-08 Miscellaneous.

(D) Drives and canvassing.

- (1) Canvassing or solicitation for funds, sales, or subscriptions are prohibited on the university campuses or in university buildings unless written permission therefor shall first have been granted by the office of registration, records and scheduling.
- (2) The sale of merchandise of any kind whatsoever or publications or services upon university property other than by the regularly authorized stores, restaurants, departments or divisions of the university, is likewise prohibited except upon written permission of the office of registration, records and scheduling.
- (3) Any persons violating this paragraph (D) of this rule shall be subject, upon proper notice, to eviction from university property or arrest.

RULES

3335-5-44 Constituent bodies of the senate.

Subject only to the provisions listed below in this paragraph, the representatives to the senate of the administration, of the faculty, and the students shall have the right to meet separately and to organize themselves in whatever manner they shall deem appropriate. As far as the senate is concerned, these bodies represent separate memberships. They may initiate proposals and submit them to the university senate for consideration. The senate, however, shall be independent of these bodies, and its actions shall not need their concurrence nor be subject to their review.

- (C) The student representatives to the senate shall designate to the program committee one person or officer from the undergraduate student government, the council of graduate students, and the graduate-professional council, to be responsible for submitting to the senate those proposals and recommendations which come from those respective groups.

3335-5-46 Senate committees.

- (H) The steering committee shall consist of thirteen members apportioned as follows: six faculty, one dean, two administrators, and four students. The faculty representatives, three of whom shall be elected each year, and the dean shall be ineligible for immediate reelection. The representatives from the administration shall be the provost and the vice president for finance and planning. The (elected) members of the steering committee shall be chosen as follows:
 - (1) The faculty membership shall nominate a slate of at least three and no more than six faculty representatives.
 - (2) The representatives of the administration shall nominate at least one and no more than two deans when a new representative is elected.

RULES (contd)

- (3) The four student members shall be as follows:
The president of the graduate-professional council
The president of the council of graduate students
The president of the undergraduate student government
One elected through nomination from the undergraduate student membership of the senate.

3335-13-01 Drives and canvassing.*

- (A) Canvassing or solicitation for funds, sales, or subscriptions are prohibited on university campuses or in university buildings unless written permission therefor shall first have been granted by the office of registration, records and scheduling which may seek recommendation regarding requests for permission from appropriate university offices.
- (B) The sale of merchandise of any kind whatsoever, or publications or services upon university property, other than by the regularly authorized stores, restaurants, departments or divisions of the university, is likewise prohibited except upon written permission of the office of registration, records and scheduling which may seek recommendation regarding requests for permission from appropriate university offices. The responsibility and authority of the office of registration, records and scheduling under this rule may be delegated by it to a member of the university faculty or staff.
- (C) Any persons violating this rule shall be subject, upon proper notice, to eviction from university property or arrest.

NEW RULES

3335-3-261 Establishment of regional campuses.

There shall be four regional campuses of the university located at Lima, Mansfield, Marion, and Newark, Ohio. The administrative head of each regional campus shall be a dean and director. (B/T 2/1/80)

3335-3-291 Dean and director of a regional campus.

- (A) There shall be a dean and director of each regional campus who shall be a member of its faculty and the administrative head of the regional campus. He shall be appointed by the board of trustees upon nomination of the president. Before making his nomination, the president or his designee shall confer with the vice president for regional campuses, the regional campus faculty, the department or school in which the faculty appointment would be made, and shall consider the recommendations of the deans of the colleges with regular faculty assigned to that campus.
- (B) The major responsibility of each regional campus dean and director shall be that of providing active leadership in the promotion, direction, and support of

* Rule initiated by board of trustees.

RULES (contd)

educational activities and research opportunities, in the maintenance of a high level of morale among the faculty, and in the encouragement of the spirit of learning among the students. In addition he shall have administrative responsibility for the program of the regional campus subject to the approval of the vice president for regional campuses, the president, and the board of trustees. These administrative responsibilities shall include the duty:

- (1) To preside at meetings of the faculty executive committee and to appoint members to regional campus committees unless the method of selection is determined by the Administrative Code or by the regional campus faculty.
- (2) To present a pattern of administration for regional campus following the principles set forth in paragraph (B) (2) of rule 3335-3-35 of the Administrative Code.
- (3) To communicate to the regional campus community the educational programs, standards, and policies of the campus and the university.
- (4) To establish the extent and variety of course offerings on the regional campus in consultation with the vice president for regional campuses, the appropriate college deans, department chairmen or school directors, and the faculty of the regional campus.
- (5) To consult with the appropriate college dean and department chairman or school director and to jointly offer employment to prospective faculty members assigned to the campus.
- (6) To assist the appropriate college deans, department chairmen, and school directors in the annual review of all faculty assigned to the regional campus. This assistance shall include a written evaluation of the faculty member's teaching, research, and service activities on and for the regional campus. The regional campus dean and director shall be consulted when a regional campus faculty member is being considered for promotion and tenure and may suggest such candidates to the appropriate chairmen and directors.
- (7) To prepare and administer the regional campus budget in consultation with the regional campus faculty budget committee; to consult with the appropriate chairman or director regarding faculty salary recommendations; to be responsible for the management, maintenance, and security of the physical plant and capital equipment of the regional campus.
- (8) To maintain liaison with community councils and agencies and to garner support of regional campus programs and activities.
- (9) To develop, promote, and maintain educational, cultural, and service programs with approval of the appropriate university bodies and administrative officials. The dean and director shall review all such programs periodically.

February 1, 1980 meeting, Board of Trustees

RULES (contd)

- (C) The dean and director shall also be responsible for such other matters pertinent to the regional campus which may be designated by the vice president for regional campuses. (B/T 2/1/80)

3335-5-091 Communication with the vice president for regional campuses.

- (A) Each faculty member assigned to a regional campus shall have the right to transmit, through his dean and director, to the vice president for regional campuses, any communication bearing upon the work in which he is personally engaged, and the dean and director shall promptly transmit to the vice president any communication so received. For faculty with the rank of professor, this usual method of communication may be altered in an individual case.
- (B) This rule shall in no way limit the vice president for regional campuses in communicating with the regional campus faculty. (B/T 2/1/80)

Regional Campus Faculties

3335-5-181 Membership.

A regional campus faculty shall be comprised of those regular and full-time auxiliary faculty members rendering primary service on that campus, the dean and director of the campus, and the president of the university. (B/T 2/1/80)

3335-5-182 Meetings.

The regional campus faculty shall meet upon call of the dean and director or in accordance with rules established by that regional campus faculty. (B/T 2/1/80)

3335-3-13 Vice president for regional campuses.*

- (C) The principal administrative officials of the office of regional campuses shall be the dean and director of the Lima campus, the dean and director of the Mansfield campus, the dean and director of the Marion campus, the dean and director of the Newark campus, and such other associates as may be authorized from time to time. (B/T 9/10/70, B/T 2/1/80)

3335-3-17 Principal administrative officials.*

- (A) The term "principal administrative official" shall include the members of the president's staff, the deans of the colleges and the dean and directors of regional campuses and their designated staffs, the director of the university libraries, chairmen of academic departments and faculties, and directors of schools and major interdisciplinary centers. The members of the president's staff shall identify to the president such other persons in their areas of responsibility who shall be considered principal administrative officials of the university.

* Rule initiated by board of trustees.

RULES (contd)

**Establishment and Organization of Regional Campuses, Colleges,
Schools, Departments, and Institutes**

3335-3-25 Organization of the university.*

- (C) The basic organization of the educational units of the university shall be departments, divisions, academic faculties, schools, research institutes, colleges, regional campuses, the graduate school, the colleges of the arts and sciences, and the agricultural technical institute.

3335-3-32 Associate and assistant deans or directors, coordinators, and other officials.*

Each college, the colleges of the arts and sciences, the graduate school, and each regional campus may have associate and assistant deans or directors, coordinators, or such administrative officials as are needed to carry out the programs of each unit. These persons shall be appointed pursuant to the procedures outlined in rule 3335-5-02 of the Administrative Code and shall be responsible to the principal administrative official of the educational unit, and shall have such responsibilities and authorities as may be delegated to them from time to time by that official.

3335-3-35 Chairmen of departments, directors of schools.*

- (A) There shall be a chairman of each department and a director of each school, who shall be the administrative head, respectively, of the department or school. Each chairman and director shall be appointed for a term of four years by the board of trustees upon the nomination of the president. A chairman or director shall be eligible for reappointment.

In selecting a chairman or director, the president shall confer with the dean of the college involved. The dean, in turn, will consult with the faculty of the department or school on all campuses, as well as other appropriate university officials.

- (B) The duties of the chairman of a department or the director of a school shall be as follows:

- (10) To see that all faculty, regardless of their assigned location, are offered the departmental privileges and responsibilities appropriate to their rank; and in general to lead in maintaining a high level of morale.

3335-5-06 Guest speakers.*

- (A) It is the policy of the university to foster a spirit of free inquiry and to encourage the timely discussion of the broad range of issues which concern our nation, provided that the views expressed are stated openly and are subject to critical evaluation. Within our prevailing standards of decency and honesty, this policy shall be construed to mean that no topic or issue is too controversial for intelligent

* Rule initiated by board of trustees.

RULES (contd)

discussion on the campuses. Restraints on free inquiry should be held to that minimum which is consistent with preserving an organized society in which change is accomplished by peaceful, democratic means.

- (B) To this end, a recognized student organization, after consultation with and prior approval of its faculty adviser, may invite guest speakers to the campuses to address meetings (see paragraph (C) of rule 3335-13-03 of the Administrative Code), subject only to the following provisions:

3335-5-08 Absence from duty.*

Absence of any member of the teaching staff from ordinary service in the university, for any cause other than sickness, must be with the knowledge and approval of his chairman or director and of the dean of the college and, if for longer than ten days, with the approval of the provost. For faculty assigned to a regional campus, the dean and director of that campus and the vice president for regional campuses must also be notified and approve the absence. Sick leave is granted on approval of the appropriate administrative official when notification is given as soon as practicable, presumably on the first day of absence.

3335-5-13 Membership.

Every member of the university faculty shall be a member of the college faculty or faculties to which he is assigned regardless of the location of his primary duty. In cases involving doubt as to the proper college to which the university faculty member is assigned, assignment will be made by the provost after obtaining the recommendation of the deans and/or dean and directors concerned.

3335-5-17 Membership.

The department or school faculty shall comprise all members of the department or school who are members of the college faculty and such other members of the department or school as the chairman or director may from time to time designate. The chairman or director shall be chairman of the department or school faculty (see rule 3335-3-35 of the Administrative Code). The faculty of the department or school, on all campuses, shall make recommendations on educational policies to the faculty of the college. In addition, the faculty of the school shall have the several academic powers set forth in rule 3335-3-34 of the Administrative Code. The president of the university and the dean of the college are members of the faculty of each department or school.

3335-7-20 Examination schedules.

- (A) All final examinations shall be centrally scheduled by the office of registration, records and scheduling, except examinations for classes taught on regional campuses or classes in which the enrollment is exclusively of students registered in the colleges of dentistry, law, medicine, optometry, pharmacy, or veterinary medicine. Examination schedules for these classes will be prepared by the administrative

*Rule initiated by board of trustees.

February 1, 1980 meeting, Board of Trustees

RULES (contd)

offices of the regional campuses or the colleges. All examination schedules prepared outside the office of registration, records and scheduling shall, before publication, be cleared with the office of registration, records and scheduling which shall have the power to resolve all conflicts.

- (B) In performing its scheduling function the office of registration, records and scheduling shall limit individual examinations to two-hour duration and the total examination period to no more than five days.
- (C) The official examination schedules shall be strictly adhered to by all instructors. Any deviation from the official schedules must be approved by the department chairman in consultation with the office of registration, records and scheduling, or by the regional campus dean and director, or college dean, as appropriate.

3335-7-34 Residence work.

- (A) Except for cases meeting the conditions of paragraph (B) of this rule, residence credit will be given only for work taken in residence within the basic organization of the educational units of the university. (See rule 3335-1-05 of the Administrative Code.)

3335-15-02 The university.

Unless specifically noted, the phrases "the university" and "this university" refer to the basic organization of the educational units of the university as defined by rule 3335-1-05 of the Administrative Code.

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BUDGET SUMMARY (SECOND QUARTER, 1979-80)

Resolution No. 80-75

Synopsis: Second Quarter Budget Summary, 1979-80, is presented for review and acceptance.

This Budget Summary for the second quarter, 1979-80, contains revised estimates of resource and expenditure/commitment projections as actual data have become available. Changes to the November, 1979 budget have been made to the core Unrestricted Budget estimates of the Columbus Campus and the Regional Campuses representing revisions to subsidy and fee resources based upon actual Autumn Quarter enrollments. While enrollments increased overall approximately two per cent, subsidy income did not change materially due to State distribution rules. Upward revisions in the Restricted funds estimates reflect further redistribution based on second quarter activity. Both upward and downward revisions in the auxiliary and Hospitals' operations income and expense are based upon expected changes in activity.

WHEREAS the second quarter report of the 1979-80 Current Funds Budget, covering the period July through December, 1979, is presented for review by the Board of Trustees and its income/expense estimates deviate by less than one per cent from the 1979-80 budget approved by the Board in November, 1979; and

February 1, 1980 meeting, Board of Trustees

BUDGET SUMMARY (SECOND QUARTER, 1979-80) (contd)

WHEREAS the projected expenditures and commitments of the first quarter report for 1979-80 are supported by adequate resources:

NOW THEREFORE

BE IT RESOLVED, That the accompanying second quarter budget report be accepted.

Upon motion of Dr. Sirak, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

**THE OHIO STATE UNIVERSITY
1979-80 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1979-80
(IN THOUSANDS)**

	Budget Approved November 30, 1979	Proposed Revised Budget February 1, 1980
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$159,600	\$160,130
Libraries	10,195	10,204
Other Academic Support	2,936	2,936
Sponsored Programs Administration	2,639	2,771
Student Services	9,243	9,248
Plant Operation	28,922	28,927
Institutional Support	17,818	17,878
Total Instruction and General	\$231,353	\$232,094
Sponsored Research		
Research Foundation	\$ 34,935	\$ 35,275
Engineering Experiment Station	1,890	1,780
University Sponsored Programs	983	983
Other	3,000	2,805
Total Sponsored Research	\$ 40,808	\$ 40,843
Public Service		
University Hospitals	\$ 89,854	\$ 89,854
Cooperative Extension Service	20,887	20,952
University Sponsored Programs	2,739	2,739
Other	14,526	16,452
Conferences	2,694	3,434
Total Public Service	\$130,700	\$133,431

February 1, 1980 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1979-80 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1979-80
(IN THOUSANDS) (contd)

	Budget Approved November 30, 1979	Proposed Revised Budget February 1, 1980
Columbus Campus (contd)		
Student Aid	\$ 6,557	\$ 6,601
Auxiliaries		
Student Housing	\$ 21,584	\$ 21,879
Intercollegiate Athletics	10,119	10,714
University Bookstores	5,318	5,318
Student Health Service	2,611	2,611
Student Unions	2,698	2,818
Parking Facilities	3,009	2,760
University Airport	2,182	2,242
Fawcett Center for Tomorrow	1,669	1,669
Other	886	886
Total Auxiliaries	\$ 50,076	\$ 50,897
TOTAL COLUMBUS CAMPUS	\$459,494	\$463,866
Regional Campuses		
Administration	\$ 201	\$ 201
Lima Campus	2,549	2,438
Mansfield Campus	2,443	2,465
Marion Campus	1,504	1,500
Newark Campus	2,071	2,238
Agricultural Technical Institute	2,883	2,850
Wright-Patterson Graduate Center	100	75
TOTAL REGIONAL CAMPUSES	\$ 11,751	\$ 11,767
GRAND TOTAL	\$471,245	\$475,633

February 1, 1980 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1979-80 CURRENT FUNDS BUDGET
SOURCES OF INCOME TO SUPPORT 1979-80 BUDGET
(IN THOUSANDS)

	Estimated Income November 30, 1979	Revised Estimated Income February 1, 1980
Columbus Campus		
Government Appropriations		
State of Ohio	\$160,871	\$161,560
Federal	59,400	61,315
Other	5,650	6,800
Subtotal	\$225,921	\$229,675
Student Fees		
Instruction and General	\$ 61,735	\$ 63,025
Room and Board	17,743	17,987
Other	3,058	3,670
Subtotal	\$ 82,536	\$ 84,682
Other Income		
Auxiliary Sales and Charges	\$111,143	\$107,319
Department and University Services	16,247	16,336
Endowment Income	4,226	4,226
Gifts and Grants	16,057	16,557
Temporary Investments	6,000	7,000
Subtotal	\$153,673	\$151,438
TOTAL COLUMBUS CAMPUS	\$462,130	\$465,795
Regional Campuses		
Lima Campus	\$ 2,850	\$ 2,739
Mansfield Campus	2,758	2,781
Marion Campus	1,719	1,715
Newark Campus	2,352	2,519
Agricultural Technical Institute	3,103	3,069
Wright-Patterson Graduate Center	100	75
TOTAL REGIONAL CAMPUSES	\$ 12,882	\$ 12,898
GRAND TOTAL	\$475,012	\$478,693

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PERSONNEL ACTIONS

Resolution No. 80-76

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Leaves of Absence Without Salary, Professional Improvement Leave, Emeritus Titles and Appointment are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the January 10, 1980 meeting of the Board, including the following Leaves of Absence Without Salary, Professional Improvement Leave, Emeritus Titles and Appointment, as detailed in the University Budget for 1979-80, be approved.

Leaves of Absence Without Salary

JOHN L. BLAISDELL, Professor, Departments of Agricultural Engineering and Food Science and Nutrition, effective February 13, 1980 through March 5, 1980, for advising a university in India on areas of food technology.

BILLIE L. WHITE, Instructor, School of Nursing, effective January 21, 1980 through March 30, 1980, for personal reasons.

Professional Improvement Leave

DAVID S. YOHN, Professor, Department of Veterinary Pathology, and Director, Cancer Center, effective Spring Quarter 1980, Summer Quarter 1980 and Autumn Quarter 1980.

Emeritus Titles

DELBERT M. BYG, Department of Agricultural Engineering, with the title Professor Emeritus, effective February 1, 1980.

RUBY M. MARTIN, School of Nursing, with the title Assistant Professor Emeritus, effective November 1, 1979.

MYRA G. PHILPOTT, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective April 1, 1980.

NORBERT C. HOLTHAUS, Cooperative Extension Service, with the title Instructor Emeritus, effective April 1, 1980.

February 1, 1980 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointment

Name: RICHARD O. BUXTON
Titles: Vice President for University Development and Director of the Development Fund
Effective: March 6, 1980
Salary: \$50,040.00 (12 months)
Present Positions: Associate Director, University of California, Berkeley Foundation; Associate Director Development, University of California, Berkeley
Special Instruction: For the period March 6, 1980 through May 31, 1980, the appointee shall serve on a part-time basis.

President Enarson:

We have one major appointment to announce today, and that is of Richard O. Buxton to serve as Vice President for University Development and Director of the Development Fund. Before I introduce Wallace Phillips who is Chairman of the Development Fund Board and who has worked in equal partnership with us in the search process, I would like to say, if I may, Wally, that in many ways you symbolize the important role of the volunteer in the life of this University. I won't begin to document the number of hours that you and Bill MacDonald, who chaired the Search Committee, and indeed all of your colleagues on the Search Committee and on the Development Fund Board have spent on this matter but those hours taken out of your busy lives, professional and personal, are deeply appreciated. If I may, Madam Chairman and Members of the Board, I would like to call upon Mr. Phillips at this time. Wally--

Mr. Phillips:

I don't want to take up too much time. This Search Committee has been very strenuous in its activities in trying to do the best for this University that it could in picking the right person. This recommendation has come about because of a great many people devoting time to this University. Bill and all of the others who have served on that Search Committee have done a great deal in getting us to this point. We are pleased to have this recommendation to you and trust that it will meet with your approval and that this young man will be able to come to this position and do for the University what all of us here in our own respective capacities are trying to do for the University, and that is to be a success. I really have nothing more. I appreciate the opportunity to appear before the Board. It's been a pleasure to serve the University.

President Enarson:

Thank you very much. I might explain to the Board that, as you see in the document in front of you, Mr. Buxton is currently Associate Director, No. 2 man at a very fine public university, the University of California at Berkeley. It is obvious

February 1, 1980 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

President Enarson: (contd)

to all of us that he cannot disengage immediately and catch the latest United Airlines flight back here. He will be coming on full time about June 1, but he will report for duty March 6, so in terms of his authority he will be in full charge of the staff and the program as of March 6, and he'll be shuttling a good deal between the West Coast and here and, of course, he'll be compensated on a pro rata, per diem basis. So much for that and I'm extremely pleased that this long search is concluded and that he will be with us full time very shortly. I ask for the Board's approval of the actions recommended.

Mr. Havens:

I'd like to make a few remarks. Madam Chairman, Wally Phillips and his Development Fund group have spent hours and hours on this, and I think they have done a good job. Without Wally's voluntary work group, we would sorely miss his help, and I think among that whole Development Fund, Wally represents the best. We owe him really a lot of gratitude for his help and assistance. I really mean it from the bottom of my heart.

Dr. Sirak:

You said nice things about him, but I don't think he heard a word you said. They were nice things, Wally; they were all good.

Upon motion of Mr. Hilliker, seconded by Dr. Sirak, 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. 80-77

Synopsis: The report on contracts, grants and gifts and the summary for December 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 Office of Business and Administration of the University, The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

February 1, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

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 Office of Business and Administration, the Engineering Experiment Station, and The Ohio State University Development Fund during the month of December 1979, be approved.

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

SUMMARY FOR DECEMBER 1979

Source	No. of Projects	Support Level
Office of Business and Administration	1	\$ 20,100.00
The Ohio State University Research Foundation	61	4,417,600.34
Engineering Experiment Station	2	89,660.00
		\$4,527,360.34
	November 1979	
The Ohio State University Development Fund	4,130 Donors	\$1,458,435.59
Establishment of Named Funds		
The John H. McConnell Chair in Aviation Fund (Department of Aviation)		\$ 322,591.50
The Kaiser Aluminum Scholarship Fund (Fellowships for undergraduate and graduate students with preference to minority students)		\$ 70,000.00
William H. Fink Prize in Philosophy (Graduate student essay in philosophy)		\$ 10,000.00
Newark Campus Endowment Fund (Dean/Director's Discretionary Fund, Newark Campus)		\$ 9,300.00

February 1, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR DECEMBER 1979 (contd)

Establishment of Named Funds (contd)

Medicine Class of 1941 Fund (College of Medicine)	\$ 7,500.00
Raymond D. Carson Research Fund in Optometry (College of Optometry)	\$ 2,000.00
The William D. Stewart Memorial Broadcast Journalism Lectureship Fund (Broadcaster-in-Residence)	\$ 1,483.00

Change in Description of Named Fund

Department of Physics
Equipment Fund
(Amended at the request of
donor, Mr. Stanley M. Hanley,
Honolulu, Hawaii)

Report from Presidents Club

Members to date	3,386
1979: year to date	544
New members - December 1979	97

New Presidents Club Members - December 1979

Ralph E. Ablon	James F. Cavanaugh
Kenneth B. Ackerman	Rick Chapman
John W. Alford	John C. Cleland
Daniel G. Amstutz	Hortense K. Cobey (Mrs. Ralph)
Robert A. Baron	Minnie Cobey
Robert L. Bartels	Ralph Cobey
June S. Battles (Mrs. Morris L.)	Susanne Y. Cobey
Virginia H. Bazler (Mrs. Frank E.)	James P. Connolly
Jerrold J. Behringer	Maurice E. Core
David S. Bloomfield	Marilyn M. Davis (Mrs. C. Wayne)
Sally W. Bloomfield (Mrs. David)	Garrett S. Dill
William S. Bricker	Noel E. Downing
John A. Brothers	Leonard K. Ebel
Kenneth W. Burman	Grace G. Edwards (Mrs. Gary)

February 1, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR DECEMBER 1979 (contd)

New Presidents Club Members - December 1979 (contd)

Earl H. Elberfeld	Chari L. McFadden
Ronald S. Erkis	Richard A. McKee
Arthur B. Evans	Nicholas J. Metrowsky
John C. Fisher	Norma Jean Miller (Mrs. Robert S.)
Robert G. Fletcher	Richard J. Moody
Donald F. Friend	Kent A. Morgan
John H. Gardiner	Lenora Pausch (Mrs. Jerry)
Max H. Gerke	William R. Peterson
William E. Gill	George P. Pettit
Richard W. Gilmer	Paul W. Rupp
A. Jerry Good	Charles Sanders
James H. Gross	Gary K. Scherer
Charles F. Gump	Kurt N. Schmitt
DeLorre S. Haddad	Donald E. Sims
Richard D. Halterman	J. Everett Smith
Benson H. Hart	William Smith
Herbert L. Hedges	Eric A. Spence
John N. Holscher	Jack J. Stanton
Fern E. Hunt (Mrs. David S.)	Dennis R. Stapleton
William W. Hunt	Fritzie C. K. Sterling
Arthur C. Huston, Jr.	Robert B. Stickrath
John D. Jacob	Samuel G. Swope
Edmund G. James	Ralph W. Talmage
Florence R. Johnson (Mrs. George T.)	Albert J. Toth, Jr.
William G. Kelly	Thomas A. Tracy
Kee Kitayama	John B. Travers
Wayne H. Kuhn	Donald L. Trimmer
Margaret K. Loudenslager	Edward A. Von Doersten
Raymond D. Magorien	Joel M. Weaver II
John A. Mahoney	Robert J. Weber
Lura A. Mancy (Mrs. Gus)	John L. Weinheimer
Gerald Manning	William A. Wentz
Eric G. Marcus	Solly L. Yassenoff
Herman M. Martin	Patricia E. Younker (Mrs. Daniel E.)
John J. McCarthy	

February 1, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SECOND QUARTER SUMMARY

October 1, 1979 through December 31, 1979

OFFICE OF BUSINESS AND ADMINISTRATION

Source	No. of Projects	Support Level
FEDERAL	1	\$ 72,639.00
OTHER NON-FEDERAL	3	34,357.25
GRAND TOTAL	4	\$106,357.25

February 1, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SECOND QUARTER SUMMARY

October 1, 1979 through December 31, 1979

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Source	No. of Projects	Support Level
FEDERAL		
Department of Energy	2	\$ 74,101.00
National Aeronautics and Space Administration	4	194,500.00
National Science Foundation	12	593,379.00
Department of Defense	31	1,596,238.00*
Department of Health, Education and Welfare	51	4,568,597.00
Other Federal	16	1,370,514.00
TOTAL - FEDERAL	116	\$ 8,397,329.00
STATE OF OHIO	21	\$ 1,158,157.00
INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL SPONSORS	64	\$ 2,028,634.25
GRAND TOTAL	201	\$11,584,120.25*

*Adjusted to reflect a reduction of \$76,457.00 in an award from the Department of the Air Force reported in November, 1979.

February 1, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SECOND QUARTER SUMMARY

October 1, 1979 through December 31, 1979

ENGINEERING EXPERIMENT STATION

Source	No. of Projects	Support Level
STATE OF OHIO	4	\$132,514.00
INDUSTRIAL AND OTHERS	92	583,966.00
TOTALS	96	\$716,480.00

February 1, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION

Other Non-Federal Research Contract/Grant

\$20,100.00 - Committee on Institutional Cooperation, Evanston, Illinois, CIC+Midwest Program for Minorities in Engineering, College of Engineering - Administration, September 1, 1979 through August 31, 1980. (Alfred P. Sloan Grant No. 79-4-12)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$1,236,102.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Integrated Project for First One-Year Segment of a Five-Year Special Institutional Agreement, National Center for Research in Vocational Education (R. E. Taylor), 1 December 1979 through 30 November 1980. (Project 761969 - Continuation)

\$586,779.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Clinical Research Center, Department of Medicine (H. G. Cramblett and W. B. Malarkey), 1 December 1979 through 30 November 1980. (Project 761196 - Continuation)

\$180,000.00 - Department of the Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Jam Resistant Communications Systems Techniques, Department of Electrical Engineering (A. A. Ksienski and W. D. Burnside), 1 October 1979 through 31 July 1980. (Project 761461 - Continuation)

\$122,361.00 - Department of the Air Force, Electronic Systems Division, Hanscom Air Force Base, Massachusetts, Geodetic and Geophysical Parameters, Department of Geodetic Science (U. A. Uotila), 1 October 1979 through 30 September 1980. (Project 761486 - Continuation)

\$110,000.00 - Department of the Interior, Office of Water Research and Technology, Washington, D. C., Water Resources Center Annual Allotment Program - FY80, Engineering Experiment Station, Water Resources Center (R. C. Stiefel), Department of Microbiology (R. Pfister), Department of Zoology (R. Carline and R. Stein), Department of Chemical Engineering (L. Fan), Department of Entomology (W. J. Collins), and Department of Civil Engineering (O. Mintzer), 1 October 1979 through 30 September 1980. (Project 761900 - Continuation)

\$79,414.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Comparative Studies in Perinatal Toxicology, Department of Veterinary Physiology and Pharmacology (R. A. Yeary), 1 December 1979 through 30 November 1980. (Project 762962 - Continuation)

February 1, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$71,817.00 - National Science Foundation, Washington, D. C., Verification of Constitutive Relations for Silage Through Full-Scale Silo Measurements, Department of Civil Engineering (A. G. Bishara), 1 December 1979 through 30 November 1980. (Project 761960 - Continuation)

\$69,144.00 - National Science Foundation, Washington, D. C., Mechanism of Gas-Liquid-Solid Semifluidization, Department of Chemical Engineering (L. Fan), 1 December 1979 through 31 May 1981. (Project 761964 - New)

\$67,332.00 - Department of Agriculture, Washington, D. C., Institution Support from the Animal Health and Disease Research Act of 1977, College of Veterinary Medicine (R. A. Wright), 27 September 1979 through 30 September 1980. (Project 761524 - Continuation)

\$66,800.00 - Department of the Interior, Office of Water Research and Technology, Washington, D. C., Bacterial Methanogenesis and Denitrification in Cleveland Harbor and Lake Erie, Engineering Experiment Station, Water Resources Center (R. C. Stiefel) and Department of Microbiology (J. I. Frea), 1 October 1979 through 30 September 1982. (Project 761902 - New)

\$66,230.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, Kinetics of Fast Reactions of Excited Species, Department of Chemistry (R. F. Firestone), 1 December 1979 through 30 November 1980. (Project 760022 - Continuation)

\$59,986.00 - Department of the Navy, Naval Air Systems Command, Washington, D. C., Research on Near Field Pattern Effects, Department of Electrical Engineering (W. D. Burnside), 29 November 1979 through 28 November 1980. (Project 761956 - Continuation)

\$56,600.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Control of Synaptogenesis in Cultures of the Central Nervous System, Department of Anatomy (R. W. Burry), 1 December 1979 through 30 November 1980. (Project 761963 - New)

\$55,775.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Short-Term Dietary Control of Liver Lipogenesis, Department of Food Science and Nutrition (J. B. Allred), 1 January 1980 through 31 December 1980. (Project 760592 - Continuation)

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REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$45,000.00 - National Science Foundation, Washington, D. C., Diffractive Spectroelectrochemistry, Department of Chemistry (R. L. McCreery), 1 March 1980 through 28 February 1981. (Project 761560 - Continuation)

\$43,656.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Therapy of Patients With Brain Tumors, Department of Surgery (W. E. Hunt), 1 November 1979 through 31 October 1980. (Project 760334 - Continuation)

\$43,641.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Regulation of Gene Expression in Neurospora, Department of Biochemistry (G. A. Marzluf) 1 January 1980 through 31 December 1980. (Project 760578 - Continuation)

\$40,000.00 - Department of the Air Force, Electronic Systems Division, Hanscom Air Force Base, Massachusetts, Extending the Geometrical Theory of Diffraction Using the Moment Method, Department of Electrical Engineering (G. A. Thiele), 1 October 1979 through 30 September 1980. (Project 761245 - Continuation)

\$37,620.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Physical Therapy-Teacher Preparation (M.S.), School of Allied Medical Professions (D. C. Broski), 1 January 1980 through 31 December 1980. (Project 761472 - Continuation)

\$36,544.00 - Department of the Interior, Office of Water Research and Technology, Washington, D. C., Effects of Phosphate Fertilizer Applications and the Chemistry-Mineralogy of the Iron Oxide System on Phosphate Adsorption-Desorption by Stream Sediments, Engineering Experiment Station, Water Resources Center (R. C. Stiefel) and Department of Agronomy (T. J. Logan), 1 October 1979 through 30 September 1981. (Project 761899 - New)

\$35,773.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Studies on the Dextran Sucrase of Streptococcus Sanguis, Department of Chemistry (R. M. Mayer), 1 January 1980 through 31 December 1980. (Project 760160 - Continuation)

\$31,186.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Attention and Preparation in Rapid Performance, Department of Psychology (A. G. Greenwald), 1 December 1979 through 30 November 1980. (Project 761466 - 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)

\$29,831.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Research in Persuasive Communication, Department of Psychology (A. G. Greenwald), 1 December 1979 through 30 November 1980. (Project 761467 - Continuation)

\$29,775.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, In Vitro Oxidation of Psychoactive Drugs, Department of Chemistry (R. L. McCreery), 1 December 1979 through 30 November 1980. (Project 760533 - Continuation)

\$21,240.00 - Department of the Interior, Office of Water Research and Technology, Washington, D. C., Evaluation of Bacterial Binding and Release of Cadmium from Aquatic Sediments, Engineering Experiment Station, Water Resources Center (R. C. Stiefel) and Department of Microbiology (R. M. Pfister), 1 October 1979 through 30 September 1981. (Project 761901 - New)

\$19,657.00 - Department of the Navy, Naval Air Development Center, Warminster, Pennsylvania, On-Aircraft Antenna Pattern Prediction Study, Department of Electrical Engineering (W. D. Burnside), 30 November 1979 through 31 May 1980. (Project 761385 - Continuation)

\$18,542.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Department of Statistics (M. A. Fligner), 1 December 1979 through 30 November 1980. (Project 761456 - Continuation)

\$17,304.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Medical Dietetics - Administration (M.S.), School of Allied Medical Professions (D. C. Broski), 1 January 1980 through 31 December 1980. (Project 761473 - Continuation)

\$5,010.00 - U. S. Army Cold Regions Research and Engineering Laboratory, Hanover, New Hampshire, Report on Response of Cape Thompson, Alaska, Tundra to Vehicle Impacts Which Occurred in the Late 1950's and 1960's, Institute of Polar Studies and Department of Agronomy (K. R. Everett), 6 December 1979 through 1 February 1980. (Project 761970 - New)

\$3,757.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Hyattsville, Maryland, Employment and/or Further Training of Health Trained Veterans (MEDIHC Program), College of Medicine - Administration (M. V. Brown), 1 September 1979 through 30 September 1979. (Project 760882 - 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)

\$3,624.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, National Research Fellowship Award, Department of Veterinary Pathobiology (W. B. High and C. C. Capen), 1 November 1979 through 31 January 1980. (Project 761387 - Continuation)

\$2,380.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Calculator Information Center, Academic Faculty of Science and Mathematics Education (M. N. Suydam), 1 December 1979 through 31 January 1980. (Project 761966 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$3,292,880.00**

State of Ohio Research Contracts/Grants

\$225,000.00 - The Ohio Occupational Information Coordinating Committee, Columbus, Ohio, The Occupational Employment Statistics Survey Program in Ohio, Academic Faculty of Labor and Human Resources, Center for Human Resource Research (S. C. Kelley and M. H. Sandver), 1 January 1980 through 30 April 1981. (Project 761975 - New)

\$50,000.00 - State of Ohio, Department of Commerce, Division of Real Estate, Columbus, Ohio, Center for Real Estate Education and Research, College of Administrative Science, Center for Real Estate Education and Research (R. L. Racster), 1 July 1979 through 30 June 1980. (Project 761924 - Continuation)

\$11,609.00 - State of Ohio, Department of Mental Health and Mental Retardation, Columbus, Ohio, Vestibular vs. Visual Stimulation for Treatment of Behavior and Learning Problems, Department of Psychiatry (L. E. Arnold) and Department of Anatomy (D. L. Clark), 15 December 1979 through 30 June 1980. (Project 761961 - New)

\$8,673.50 - State of Ohio, Department of Health, Columbus, Ohio, Rhesus Rabies Vaccine Trial, University Health Service (W. R. Garner) and Department of Veterinary Medicine (D. O. Jones), 1 October 1979 through 30 June 1980. (Project 761984 - New)

\$540.00 - The Ohio Program in the Humanities, Columbus, Ohio, Human Values in an Institution for Older Americans, Department of Psychology - Newark Campus (R. Scott), 1 November 1979 through 30 November 1979. (Project 761246 - Continuation)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS **\$ 295,822.50**

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REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants

\$350,000.00 - Electric Power Research Institute, Inc., Palo Alto, California, Corrosion and Corrosion Cracking for Water Cooled Reactors, Department of Metallurgical Engineering (D. D. Macdonald), 1 January 1980 through 31 December 1980. (Project 760982 - Continuation)

\$90,504.00 - Korean Ministry of Education, Seoul, Korea, Korean Technical Teacher Training Program, Academic Faculty of Industrial Technology (D. G. Lux), 1 December 1979 through 31 March 1980. (Project 761959 - New)

\$76,000.00 - Electric Power Research Institute, Inc., Palo Alto, California, The Effects of BWR Deaeration on the General and Localized Corrosion of Plain Carbon and Low Alloy Steel, Department of Metallurgical Engineering (D. D. Macdonald, S. Smialowska and S. Pednekar), 1 January 1980 through 31 December 1980. (Project 761870 - Continuation)

\$56,856.00 - Battelle - Columbus Laboratories, Columbus, Ohio, Large Animal Pre-clinical Evaluations of Pharmacodynamic Effects of Antineoplastic Compounds on the Cardiovascular Systems, Department of Veterinary Physiology (R. L. Hamlin), 1 October 1979 through 30 June 1980. (Project 760245 - Continuation)

\$49,000.00 - Transamerica Delaval, Inc., Trenton, New Jersey, Electrochemical Reactivity and Stress Corrosion Cracking of Turbine Disc Alloys, Department of Metallurgical Engineering (D. D. Macdonald), 1 October 1979 through 31 December 1979. (Project 761965 - New)

\$32,595.00 - Muscular Dystrophy Association, New York, New York, MDA Drug Protocol, Department of Medicine (J. R. Mendell), 1 November 1979 through 31 October 1980. (Project 761360 - Continuation)

\$28,000.00 - Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination, Institute for Research in Vision (S. W. Smith), 1 July 1979 through 30 June 1980. (Project 760717 - Continuation)

\$25,980.00 - Max Kade Foundation, Inc., New York, New York, Electronic Structure of Molecules, Department of Chemistry (D. W. Meek and I. Shavitt), 18 December 1979 through 17 December 1980. (Project 761967 - New)

\$20,000.00 - Alaska State Department of Education, Juneau, Alaska, Comprehensive Career Education Plan for Centralized Correspondence Study, National Center for Research in Vocational Education (R. E. Taylor), 1 December 1979 through 30 June 1980. (Project 761958 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$18,979.00 - Muscular Dystrophy Association, New York, New York, Correlation of Axoplasmic Transport and Morphologic Changes in the Nerve in Relation to Distal Axonopathies, Department of Medicine (Z. Sahenk and J. R. Mendell), 1 January 1980 through 31 December 1980. (Project 761973 - New)

\$17,620.00 - Upper Arlington Public Schools, Upper Arlington, Ohio, Career Education Intern Program, Academic Faculty of Special Services (J. J. Quaranta), 1 October 1979 through 30 September 1980. (Project 761957 - Continuation)

\$12,019.00 - University of Illinois, Champaign, Illinois, Close-out Costs Proposal for Phase 2, Year 2 Ohio River Basin Energy Study, Department of Mechanical Engineering (R. E. Bailey), 1 October 1979 through 31 December 1979. (Project 761971 - New)

\$9,900.00 - Public Service Commission of Minnesota, St. Paul, Minnesota, Technical Assistance to the Public Service Commission of Minnesota in Its Consideration of Telephone Rate Increase Petitions, National Regulatory Research Institute (D. N. Jones), 25 October 1979 through 31 August 1980. (Project 761942 - New)

\$7,200.00 - Monsanto Fund, St. Louis, Missouri, Evaluation of Chironomus Riparius (=thummi) for Study of Toxicity, Site of Action, and Metabolic Conversion of Selected Organophosphate Insecticides, Department of Entomology (W. J. Collins), 1 January 1980 through 31 December 1980. (Project 761974 - New)

\$6,896.00 - University of Illinois, Champaign, Illinois, Ohio River Basin Energy Study - Phase II, Department of City and Regional Planning (S. I. Gordon), 1 November 1979 through 31 January 1980. (Project 761940 - Continuation)

\$6,111.84 - Springfield Local School District, Holland, Ohio, Comprehensive Long-Range Study of the Educational Facility Needs of the Springfield Local School District, Holland, Ohio, Academic Faculty of Educational Administration (A. E. Wohlers), 1 March 1980 through 1 March 1981. (Project 761981 - New)

\$5,600.00 - World Health Organization, Geneva, Switzerland, Studies of the Anti-fertility Effects of Immunizations With Zona Pellucida Antigens, Department of Obstetrics and Gynecology (V. C. Stevens), 1 January 1980 through 31 December 1980. (Project 761977 - New)

\$3,500.00 - World Health Organization, Geneva, Switzerland, Plasmodium berghei: Isolation and Fractionation of Parasites and Parasite Components, Department of Microbiology (J. P. Kreier), 1 January 1980 through 31 December 1980. (Project 761489 - Continuation)

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REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$3,000.00 - Alvis House, Columbus, Ohio, Summation of the Probation Diversion Program, College of Social Work (B. S. Weiss), 1 December 1979 through 30 June 1980. (Project 761968 - New)

\$2,800.00 - The Burroughs Wellcome Fund, Research Triangle Park, North Carolina, Research and Collaboration at Imperial College, London, England, Department of Biochemistry (E. J. Behrman), 1 January 1980 through 15 March 1980. (Project 761951 - New)

\$2,000.00 - The Scripps-Howard Foundation, Cincinnati, Ohio, A Survey of Journalism Graduates to Determine What Components of Journalism Education Help Reporters on the Job, School of Journalism (L. B. Becker and S. Dunwoody), 1 January 1980 through 31 July 1982. (Project 761962 - New)

\$2,000.00 - Arapahoe Community College, Littleton, Colorado; Maricopa County Community College District, Phoenix, Arizona, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1979 through 30 June 1980. (Project 761599 - Continuation)

\$1,337.00 - Maple Heights Board of Education, Maple Heights, Ohio, Job Description Authority Statements, Academic Faculty of Educational Administration (A. E. Wohlers), 15 October 1979 through 31 December 1979. (Project 761978 - New)

\$1,000.00 - University of Dayton, Research Institute, Dayton, Ohio, Evaluation of Rheological Data, Department of Chemical Engineering (R. S. Brodkey), 1 October 1979 through 31 December 1979. (Project 761166 - Continuation)

TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS **\$ 828,897.84**

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$74,660.00 - Dayco Corporation, Springfield, Missouri, for Design, Manufacture and Testing of a Variable Speed Belt Main Transmission for an Automobile, Department of Mechanical Engineering, December 14, 1979 through January 13, 1981. (EES 604/529084)

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REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION (contd)

Industrial and Other Sponsored Research and Development (contd)

\$15,000.00 - American Iron and Steel Institute, Washington, D. C., for Experimental Determination of Combustibility, Department of Chemical Engineering, May 1, 1979 through April 30, 1980. (EES 307/529001, Extension 13)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH AND DEVELOPMENT \$ 89,660.00

Sponsored Development Projects

\$185,717.00 from various sponsors for 25 development projects.

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$150,000.00 - Estate Under the Will of John C. Fergus, Columbus, Ohio: \$75,000.00 for Edith Fergus Gilmore Fund and \$75,000.00 for Corwin A. Fergus Memorial Fund.

\$68,044.49 - C. Glenn Barber Foundation Trust, Cleveland, Ohio, for C. Glenn Barber Fund.

\$50,000.00 - Estate of James Strong, Lima, Ohio, for Hope Strong Journalism Fund.

\$41,864.00 - Pfizer, Inc., Groton, Connecticut, for Clinical Pharmacology Fund.

\$40,000.00 - Eli Lilly and Company, Indianapolis, Indiana: \$24,000.00 for Infectious Disease Research Fund and \$16,000.00 for Antibiotic Research Rotary Fund.

\$34,446.92 - Estate Under the Will of Emily C. Keppel, c/o Jeanne E. Hunker and Thomas J. Eberly, Tiffin, Ohio, for Ernest Robert Keppel Foundation Fund.

\$30,000.00 - The Bremer Foundation, c/o James Mitchell, Youngstown, Ohio, for Bremer Foundation Fund.

\$30,000.00 - Kaiser Aluminum and Chemical Corporation, Oakland, California, for Kaiser Aluminum Scholarship Program.

\$30,000.00 - Ross Laboratories, Columbus, Ohio, for Tumor Immunology Program.

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REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$30,000.00 - The Richard H. and Ann Shafer Foundation, c/o Richard Shafer, Columbus, Ohio: \$20,000.00 for Student Athlete Grant-in-Aid Fund and \$10,000.00 for Friends of WOSU-TV.

\$26,947.48 - Systems Associates, Columbus, Ohio, (given in the name of the cardiologists in the Department of Medicine at Ohio State University): \$11,446.30 for Cardiology Support Fund; \$10,000.00 (given in the name of Larry Olmutz) for Cardiology Support Fund; \$4,501.18 (given in the name of Raymond D. Magorien, M.D.) for Cardiology Support Fund; and \$1,000.00 for Marc Tetalman Memorial Fund.

\$25,527.00 - The Upjohn Company, Kalamazoo, Michigan: \$20,527.00 for Clinical Pharmacology Fund and \$5,000.00 for Antibiotic Research Rotary Fund.

\$25,000.00 - Mrs. Joan G. Phillips and Mr. James W. Phillips, Columbus, Ohio, (given in the names of Cynthia Galbreath Phillips and Deborah Phillips Bower): \$10,000.00 for Sphinx 75th Anniversary Gift Fund; \$5,000.00 for John W. Bricker Professorship in the College of Law; \$5,000.00 for John W. Galbreath Chair in Real Estate; and \$5,000.00 for The C. William O'Neill Professorship in Law and Judicial Administration.

\$23,746.80 - Ivol Spafford Estate, Footville, Ohio, for Robert G. Spafford Fund.

\$22,000.00 - The Edward C. and Hazel L. Stephenson Foundation, c/o J. W. Paynter, Grosse Pointe Woods, Michigan, for Edward C. and Hazel L. Stephenson Fund.

\$20,632.50 - Mrs. Elizabeth J. Carruthers, Cincinnati, Ohio: \$10,316.25 for Carruthers Dairy Science Educational Fund and \$10,316.25 for Dairy Science Research.

\$20,000.00 - Burton Rubber Processing, Inc., Akron, Ohio, (given in the name of Charles W. Carroll), for Presidents Club Special Fund.

\$20,000.00 - Mrs. Florence R. Johnson, Columbus, Ohio, for Everett D. Reese Arthritis Research Fund.

\$20,000.00 - Mideast United Dairy Industry No. 33, Marysville, Ohio, for Earl B. Poling Graduate Research Fellowship in Agricultural Economics.

\$19,900.00 - Trust Under the Will of George A. Johnson, Rochester, New York, for Ohio State National Merit Scholarship Program.

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REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$19,557.00 - The Grace High Washburn Trust, c/o Charles Wiles, Jr., Bucyrus, Ohio, for Grace High Washburn Trust Scholarship Fund.

\$18,000.00 - Armour Pharmaceutical Company, Kankakee, Illinois, for Endocrine Research Fund.

\$18,000.00 - Everett D. Reese Fund of The Columbus Foundation, Columbus, Ohio, (given in the name of Everett D. Reese), for Everett D. Reese Fund for Gastrin and CEA Studies Fund.

\$17,638.38 - University Eye Surgeons, Inc., Columbus, Ohio, (given in the name of Richard H. Keates, M.D.), for Eye Bank Fund.

\$16,066.67 - General Motors Corporation, Warren, Michigan, for General Motors Corporation Scholarship Fund.

\$15,000.00 - Maurice A. Young, Youngstown, Ohio, for College of Medicine Progress Fund.

\$14,500.00 - Amoco Foundation, Inc., Chicago, Illinois: \$7,000.00 for Amoco Foundation, Inc., Fellowship in Chemistry; \$6,000.00 for Distinguished Teachers Awards Fund; and \$1,500.00 for Presidents Emergency Fund.

\$13,183.21 - Trust Under the Will of Grace M. Weaver AmeriTrust, Cleveland, Ohio, for Cancer Research Fund.

\$12,500.00 - Katherine E. Parrett Trust, c/o John S. Bath, Washington Court House, Ohio, for Katherine E. Parrett Fund.

\$12,418.93 - Oncology Immunology Laboratory, Columbus, Ohio, (given in the name of John P. Minton), for Cancer Research Fund.

\$10,511.53 - Retinal Consultants, Inc., Columbus, Ohio, for Retina Research Fund.

\$10,000.00 - Bristol Laboratories, Syracuse, New York, for Veterinary Anesthesiology Fund.

\$10,000.00 - Eaton Charitable Fund, Cleveland, Ohio, for Advanced Design Methods Laboratory-Mechanical Engineering Fund.

\$10,000.00 - Gerlach Foundation, Inc., Columbus, Ohio, for Presidents Club Special Fund.

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REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$10,000.00 - Goldman, Sachs & Co., New York, New York, (given in the name of Daniel G. Amstutz), for Sphinx 75th Anniversary Gift Fund.

\$9,674.96 - Porthouse Foundation Income Account, c/o Cyril R. Porthouse, Kent, Ohio, (given in the name of Cyril R. Porthouse): \$5,000.00 for College of Engineering Special Fund and \$4,674.96 for Student Athlete Grant-in-Aid Fund.

\$9,439.70 - William H. Havener, M.D., Columbus, Ohio, for Ophthalmology Teaching Fund.

\$9,187.50 - Norma Jeanne Gerke, Springfield, Ohio, (given in the name of Max H. Gerke), for College of Medicine Progress Fund.

\$9,000.00 - Leota L. Balsizer, Fremont, Ohio, for Ohio 4-H Club Foundation Fund.

\$8,000.00 - Dome Laboratories Division, West Haven, Connecticut, for Infectious Disease Research Fund.

\$7,960.00 - The Peat, Marwick, Mitchell Foundation, c/o James Morgan, New York, New York, for Peat, Marwick, Mitchell Discretionary Fund.

\$7,750.00 - The Touche Ross Foundation, New York, New York, for Touche Ross Discretionary Fund.

\$7,500.00 - Cline, Bischoff & Cook Co., L.P.A., Toledo, Ohio, (given in the name of Arthur R. Cline), for Arthur R. and Christine D. Cline Fund for the College of Law.

\$7,500.00 - Shirley L. McMillon, Oklahoma City, Oklahoma, for Arthur J. Hoffman Memorial Educational Fund.

\$6,983.57 - Louise Orr Scott Foundation, Columbus, Ohio, for William Craig Orr and Mary Black Orr Scholarship in Pharmacy.

\$6,500.00 - Edgar W. Ingram Foundation, Columbus, Ohio: \$2,500.00 for Edgar W. Ingram Student Grant in Animal Science Fund; \$2,000.00 for Student Athlete Grant-in-Aid Fund; \$1,000.00 for Edgar W. Ingram Foundation Scholarship in Medical Dietetics; and \$1,000.00 for Friends of WOSU Endowment Fund.

\$6,307.50 - Trust Under the Will of Harry Brakeman, c/o Charles W. Beck, Jr., Middletown, Ohio, for Harry and Ethel Brakeman Memorial Scholarship Fund for Optometry Students.

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REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$6,100.00 - The Merry Makers Club, c/o Charles McMurray, Columbus, Ohio, for Ohio State National Merit Scholarship Program.

\$6,000.00 - American Cyanamid Company, Pearl River, New York, for Menopausal Patient Follow-Up Project.

\$6,000.00 - Central Ohio Center for Economic Education, Columbus, Ohio, for Center for Economic Education.

\$5,732.26 - H. William Clatworthy, Columbus, Ohio: \$4,732.26 for H. William Clatworthy, Jr., Professor in Pediatric Surgery and \$1,000.00 (given in the name of Nancy M. Clatworthy) for H. William Clatworthy, Jr., Professor in Pediatric Surgery.

\$5,625.00 - Miles Laboratories, West Haven, Connecticut, for Antibiotic Research Rotary Fund.

\$5,500.00 - The John Lyon Collyer Fund, c/o R. G. Jeter, Akron, Ohio, for The C. William O'Neill Professorship in Law and Judicial Administration.

\$5,500.00 - Nationwide Mutual Insurance Company, c/o Darrell E. Roach, Columbus, Ohio: \$3,500.00 for Nationwide Foundation Fellowship Fund for Industrial Engineering and \$2,000.00 for Corporate Associates.

\$5,316.14 - D. J. and J. N. Knull Fund, Columbus, Ohio, for D. J. and J. N. Knull Fund.

\$5,100.00 - Trust Under the Will of Anna Roessler, c/o G. K. Traucht, Columbus, Ohio, for Samuel J. Roessler Memorial Fund.

\$5,000.00 - The Allstate Foundation, c/o Robert W. Powell, Hudson, Ohio, for Allstate Foundation Nursing Scholarship Program.

\$5,000.00 - American Cyanamid Company, Princeton, New Jersey, for American Cyanamid University Grant.

\$5,000.00 - Baker & Hostetler, Columbus, Ohio, for The C. William O'Neill Professorship in Law and Judicial Administration.

\$5,000.00 - Bio-Dynamics, Indianapolis, Indiana, for Department of Medicine Fund.

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REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$5,000.00 - S. Houghton Cox Fund, Cleveland, Ohio, for Ohio 4-H Foundation Support Fund.

\$5,000.00 - Wayne Dalton, Wakeman, Ohio, for The Wayne and Jane Dalton Scholarship Fund.

\$5,000.00 - A. Jerry Good, Pickerington, Ohio, for Ohio Dairy Products Research Fund.

\$5,000.00 - Kitayama Brothers, Watsonville, California, (given in the name of Kee Kitayama), for D. C. Kiplinger Chair in Floriculture.

\$5,000.00 - Dorothy J. Knull, Columbus, Ohio, for D. J. and J. N. Knull Fund.

\$5,000.00 - Robert A. Lightburn, Kinnelon, New Jersey, for Presidents Club Special Fund.

\$5,000.00 - Karen Sue Maddex, Columbus, Ohio, for Rodger and Donellda Maddex Scholarship in Nursing.

\$5,000.00 - Ohio Quarter Horse Association, Richwood, Ohio, for Ohio Quarter Horse Finley Farm Building Project.

\$5,000.00 - Maude R. Osborne, Columbus, Ohio, for Ophthalmology Teaching Fund.

\$5,000.00 - Plastics Corporation, Butler, New Jersey, (given in the name of Robert A. Lightburn), for Presidents Club Special Fund.

\$5,000.00 - Everett D. Reese, Columbus, Ohio, for Everett D. Reese Visiting Professorship Fund.

\$5,000.00 - Paul D. Ruff, M.D., Lancaster, Ohio: \$4,500.00 for Presidents Club Special Fund and \$500.00 for Student Athlete Grant-in-Aid Fund.

\$5,000.00 - O. M. Scott & Sons, Marysville, Ohio, for 4-H Camp Clifton Improvement Fund.

\$5,000.00 - The E. F. Wildermuth Foundation, Columbus, Ohio, for Kathryn M. and E. F. Wildermuth Memorial Fund.

\$5,000.00 - Albert D. Wolfrey, Delaware, Ohio, for Student Athlete Grant-in-Aid Fund.

February 1, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts-in-Kind

\$105,000.00 - Ralph Cobey, Galion, Ohio, seven registered quarter horses to be housed in the College of Agriculture.

\$35,250.00 - Arthur E. Shepard, Columbus, Ohio, gift of stock for Presidents Club Special Fund.

\$10,755.75 - Dr. Beatrice P. Fockler, Columbus, Ohio, gift of stock for College of Medicine Alumni Society Fund.

\$10,375.00 - Herman M. Martin, Xenia, Ohio, gift of stock for College of Agriculture and Home Economics Dean's Discretionary Fund.

\$10,289.24 - William H. Havener, M.D., Columbus, Ohio, gift of stock for Ophthalmology Teaching Fund.

\$10,189.06 - John M. Gardner, Columbus, Ohio, gift of stock for Presidents Club Special Fund.

\$10,000.00 - Samuel M. Melton, Columbus, Ohio, gift of bonds for Michael S. Melton Hebrew Library Fund.

\$5,212.50 - Mr. and Mrs. Herbert L. Fenburr, Columbus, Ohio, gift of stock for Division of Hematology and Oncology Research Fund.

Establishment of Named Funds

The John H. McConnell Chair in Aviation Fund

The John H. McConnell Chair in Aviation Fund was established February 1, 1980, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from John H. McConnell 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. Additional contributions and all income generated by this gift will be added to the endowment account until sufficient funds are available to fully support an endowed chair.

When this account becomes a chair, its annual income will be used to provide salary and program support for the work of a distinguished scholar and researcher in the Department of Aviation in the College of Engineering. Appointment to The John H. McConnell Chair will be recommended by the Dean of the College of Engineering to the Provost and approved by the Board of Trustees.

February 1, 1980 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 H. McConnell Chair in Aviation Fund (contd)

Should the need for this faculty 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 aviation education.

The Kaiser Aluminum Scholarship Fund

The Kaiser Aluminum Scholarship Fund was established February 1, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Kaiser Aluminum and Chemical Corporation.

All gifts are to be invested in the University's Permanent Endowment Fund, under the 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 and fellowship assistance to undergraduate and graduate students with preference given to qualified minority students. The selection of the recipient is to be made upon the recommendation of the University in cooperation with the Kaiser Aluminum and Chemical Corporation.

Should the need for these scholarships and fellowships 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 of the University who is then directly responsible for Student Financial Aids.

The William H. Fink Prize in Philosophy

The William H. Fink Prize in Philosophy was established February 1, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Dr. William H. Fink, Emeritus Professor of Economics, University of Arizona, who received the B.S.Ed. '32 from 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 right to invest and reinvest as occasion dictates.

The annual income is to be used for the awarding of a prize for the best graduate student essay in philosophy or logic. Persons eligible for the submission of essays are to be graduate

February 1, 1980 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 William H. Fink Prize in Philosophy (contd)

students in philosophy at The Ohio State University. The judging committee for the prize is to be an appropriate committee drawn from the faculty of the Department of Philosophy of the University. Requisitions for funds are to be approved by the Chairperson of the Department of Philosophy. Any income not used in a given year will be added to principal at the direction of the Chairperson of the Department of Philosophy.

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 Philosophy.

Newark Campus Endowment Fund

The Newark Campus Endowment Fund was established February 1, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Bennie E. Hill and Lee P. Tippett.

All gifts are to be invested in the University's Permanent Endowment Fund, under the 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 principal is to be deposited in the Dean/Director's Discretionary Fund, Newark 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 the Newark Campus.

Medicine Class of 1941 Fund

The Medicine Class of 1941 Fund was established February 1, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Class of 1941 College of Medicine alumni.

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

February 1, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Medicine Class of 1941 Fund (contd)

The annual income is to be added to principal until a decision is reached by members of the Class of 1941 on the use of the funds.

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.

Raymond D. Carson Research Fund in Optometry

The Raymond D. Carson Research Fund in Optometry was established February 1, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Dr. Raymond D. Carson.

All gifts are to be invested in the University's Permanent Endowment Fund, under the 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 endowment is to be used to support research in the College of Optometry as determined by the Dean of the College of Optometry. If the funds for research in the college become so ample that other purposes for the income of this endowment are possible, the Dean of the College of Optometry is authorized to use the income in any way which will improve the excellence of the College of Optometry.

Should the need for research in optometry 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 administrative official of the University who is then directly responsible for the College of Optometry.

The William D. Stewart Memorial Broadcast Journalism Lectureship Fund

The William D. Stewart Memorial Broadcast Journalism Lectureship Fund was established February 1, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from American Broadcasting Companies, Inc., friends, associates and family in memory of William D. Stewart, B.A. '63, of 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.

February 1, 1980 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 William D. Stewart Memorial Broadcast Journalism Lectureship Fund (contd)

The annual income is to be used to provide honoraria and expenses for an annual broadcaster-in-residence invited by the School of Journalism to present views on, and to stimulate interest and discussion of issues in, broadcast journalism. The visiting lecturer would spend one to three days on campus presenting lectures and meeting students formally in classes and informally outside classes. The selection of the lecturer is to be made upon the recommendation of the Director of the School of Journalism to the Dean of the College of Social and Behavioral Sciences.

Should the need for this lectureship cease to exist or the need for the fund so diminish as to provide unused income, then the income may be used for another purpose in support of education in broadcast journalism and/or allied fields and designated in memory of William D. Stewart as shall be 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 broadcast journalism education.

Change in Description of Named Fund

At the request of the donor, Mr. Stanley M. Hanley of Honolulu, Hawaii, the wording in the second paragraph of the endowment description established March 30, 1949 for the "Department of Physics Equipment Fund" has been amended in accordance with the portion underlined below:

Department of Physics Equipment Fund

Established March 30, 1949 by a gift through the Development Fund, from Stanley M. Hanley, MSC '24, in honor of Alpheus Wilson Smith, Emeritus Professor of Physics and Emeritus Dean of the Graduate School, and in honor of the late Alva Wellington Smith, Professor of Physics; to be invested in accordance with Section 4861-10 G.C.

The principal and income may be used at the discretion of the Chairman of the Department of Physics for special scientific apparatus and equipment, or for machines, tools, materials and supplies for the construction of research apparatus and equipment.

Should the Department of Physics cease to exist, then the use of the income shall be determined by the Board of Trustees of The Ohio State University. In such event it is requested that preference be given to items in the area of Physics.

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February 1, 1980 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER

MERSHON PARKING GARAGE REPAIRS

Resolution No. 80-78

Synopsis: Employment of engineer for the project, "Mershon Parking Garage Repairs," due to deterioration, is recommended.

WHEREAS Mershon Parking Garage is a two-level parking facility--one level below ground and one at ground level, and accommodating 425 cars; and

WHEREAS the facility is approximately 23 years old and the upper (ground level) has an area of approximately 54,000 square feet, and is supported by reinforced concrete columns, beams and slabs, and there are two north/south expansion joints exposed to the weather; and

WHEREAS the facility is generally in good condition, but there are areas which have deteriorated over the years and are now in urgent need of repairs; and

WHEREAS it is proposed to replace certain areas of the structure slabs which are damaged, replace expansion joints, rebuild masonry, repair waterproofing, repair walks, curbs, islands and entrance paving, install grated trench drains, change lighting from incandescent to sodium vapor, and other items of repair:

NOW THEREFORE

BE IT RESOLVED, That the firm of Elgar Brown, Consulting Engineer, Columbus, Ohio, be employed to provide complete engineering services for this project including preliminary plans, basic drawings, working drawings, specifications, estimates of cost, necessary bidding documents and supervision of the work; and

BE IT FURTHER RESOLVED, That the fee for this service be negotiated between the firm and the Department of Administrative Services, Division of Public Works, with the total project cost estimated to be \$400,000 financed from Traffic and Parking Revenues.

Upon motion of Mr. Hilliker, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PLANS AND SPECIFICATIONS

Resolution No. 80-79

Synopsis: Plans and specifications are being proposed for the following project.

WHEREAS at the request of the Vice President for Business and Administration, the President recommends that the Board of Trustees approve the plans and specifications, bills of materials, and estimate of cost for the following project:

February 1, 1980 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

ST. JOHN ARENA, EXPANSION OF LOCKER ROOM FACILITIES

Project: Expansion of locker room facilities to accommodate increased programs offered by Department of Athletics.

Funding: Budget Account 885106 (Athletics)

Estimated Project Cost: \$281,975.00

NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimate of cost for the project listed above be approved and that the President and/or Vice President for Business and Administration 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. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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DENTAL CARE GROUP INSURANCE PROGRAM

Resolution No. 80-80

Synopsis: Proposed dental insurance contract is recommended for award.

WHEREAS the Board of Trustees on November 30, 1979, authorized the preparation, solicitation, receipt and analysis of bid specifications for faculty/staff dental care coverage; and

WHEREAS in accordance with the above authorization, William M. Mercer, Inc., was employed to assist in the evaluation and analysis of carrier responses and quotations; and

WHEREAS quotations were requested from twenty-seven insurance firms and received from nine carriers, and subsequently opened and publicly read on January 9, 1980; and

WHEREAS the appropriate administrative offices of the University have reviewed the findings and conclusions detailed in the Mercer report and have concluded that Ohio Medical Indemnity, Inc., has submitted the most favorable quotation; and

WHEREAS this program is to provide, for all Regular faculty/staff of the University employed 50 per cent or more time, after one year of continuous service, and their eligible dependents, the following coverage benefits and limitations:

February 1, 1980 meeting, Board of Trustees

DENTAL CARE GROUP INSURANCE PROGRAM (contd)

Preventive - 100% of reasonable and customary charges: oral exams, radiographs, emergency treatment, prophylaxis, fluoride treatments and space maintainers.

Restorative Basic - 80% of reasonable and customary charges: anesthesia; amalgam, silicate and acrylic fillings; endodontics; periodontics; prosthodontics (maintenance) and oral surgery.

Restorative Major - 50% of reasonable and customary charges: gold foil, gold inlays, porcelain, crowns and prosthodontics (installation).

Orthodontia - 50% of reasonable and customary charges.

Deductible - \$25.00 annual deductible applies to Restorative and Orthodontia; \$750.00 calendar year maximum benefit applies to Preventive and Restorative; \$500.00 lifetime maximum benefit applies to Orthodontia.

NOW THEREFORE

BE IT RESOLVED, That Ohio Medical Indemnity, Inc., be designated as carrier for the group dental insurance program at a monthly premium of \$6.02 per faculty/staff member, or an estimated annual premium of \$779,000.00. Coverage will be available for dependents on an optional basis at a monthly premium of \$6.02 for one dependent and \$14.53 for two or more dependents. Fifty per cent of the premium for dependent coverage will be paid by the University (estimated annual cost, \$218,000.00); the balance will be paid by participating faculty/staff members via payroll deduction.

BE IT FURTHER RESOLVED, That the contract for coverage be awarded for a three-year period effective May 1, 1980, with the premium and the performance of the carrier to be reviewed annually. The insurance contract will remain in force after the initial three-year term until the Board of Trustees deems it appropriate to review the designation of the carrier and/or seek new premium quotations.

Upon motion of Dr. Sirak, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution with five affirmative votes and Mrs. James and Mr. Smith abstaining.

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REPORT - AUDIT OF THE OHIO STATE UNIVERSITY NATIONAL DIRECT STUDENT LOAN, SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT, AND COLLEGE WORK-STUDY PROGRAMS

Resolution No. 80-81

Synopsis: Report of auditor for The Ohio State University for NDSL Program for period July 1, 1977 through June 30, 1979, the SEOG Program for period July 1, 1977 through June 30, 1979, and the CW-S Program for the period July 1, 1976 through June 30, 1979, is recommended for acceptance.

February 1, 1980 meeting, Board of Trustees

**REPORT - AUDIT OF THE OHIO STATE UNIVERSITY NATIONAL DIRECT
STUDENT LOAN, SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT,
AND COLLEGE WORK-STUDY PROGRAMS (contd)**

WHEREAS the Internal Auditing Department of The Ohio State University has been granted permission to audit the NDSL, SEOG, and CW-S Programs; and

WHEREAS the report from the Auditing Department for The Ohio State University on these programs for the periods July 1, 1977 through June 30, 1979 for the NDSL Program, July 1, 1977 through June 30, 1979 for the SEOG Program, and July 1, 1976 through June 30, 1979 for the CW-S Program has been received and reviewed by the appropriate officers of the University and officials of the Department of Health, Education, and Welfare; and

WHEREAS the accounts, records, files and reports of The Ohio State University were found to be in essentially satisfactory condition, but certain recommendations were included in the report; and

WHEREAS the recommendations have been studied by the appropriate administrative officers and steps have been taken to correct the minor problems that were found:

NOW THEREFORE

BE IT RESOLVED, That this report of the auditor be received and filed with the official documents of the University.

Upon motion of Mr. Hilliker, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REPORT - NASPA RELOCATION

President Enarson:

Next is an item which I thought might well interest the Board, and I find it very pleasant to report to you that through the initiative of Vice President Nester we will have housed on campus the National Association of Student Personnel Administrators. This particular operation has been located for a number of years in Portland, Oregon. We persuaded these folks to move here and I think this is a real coup for the University. Among other things, this will permit and encourage some work by our doctoral students who are interested in this particular area. So I am pleased to report that; it does not require any action.

The following is a report on the relocation:

The National Association of Student Personnel Administrators (NASPA) has recently approved The Ohio State University as the new site of the NASPA Central Office. That decision was reached by a unanimous vote of the NASPA Executive Committee on January 15, 1980.

February 1, 1980 meeting, Board of Trustees

REPORT - NASPA RELOCATION (contd)

This Association serves as the primary professional resource for vice presidents, deans, and other student affairs administrators in institutions of higher education, and has a national membership exceeding 5,000 individuals from over 1,200 institutions. It is concerned with all aspects of the administration of student personnel programs, including research and program development, governmental relations and legislation, and professional development and standards.

Dr. William R. Nester, Vice President for Student Services at The Ohio State University, welcomed the members of NASPA by saying, "It is with great pleasure that we welcome NASPA to The Ohio State University. This decision is testimony to the reputation and superb resources offered by the institution. There are many mutually beneficial effects to be gained through this relationship, and we look forward to sharing our resources and exploring new ways to help us realize our mutual goals."

NASPA'S Central Office will relocate in Columbus on July 1, 1981. Their offices are currently housed in Portland, Oregon.

Dr. Sirak: Incidentally, where will they be housed?

President Enarson: We don't know yet; we're scrambling around--

Dr. Vandament:

There are several possibilities. We haven't even talked of matters of rent and lease so there will be some income gained.

President Enarson: Just a little income.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 80-82

RESOLVED, That the report on the University's Investment Portfolio, dated January 18, 1980, 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 7, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

Patricia D. James
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND FIFTY-FIFTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, March 7, 1980

The Board of Trustees met at its regular monthly meeting on Friday, March 7, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Patricia D. James, Chairman, Howard D. Sirak, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens and Daniel M. Galbreath.

* * *

Minutes of the last meeting were approved.

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March 7, 1980 meeting, Board of Trustees

The Chairman, Mrs. James, called the meeting of the Board of Trustees to order at 12:30 p.m. She requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering personnel-related issues.

Present: Patricia D. James, Chairman, Warren J Smith, John D. Jacob, John F. Havens and Daniel M. Galbreath.

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The meeting of the Board of Trustees reconvened at 1:45 p.m.

RESOLUTIONS IN MEMORIAM

Resolution No. 80-83

Synopsis: Resolutions honoring the service of four of this 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.

Upon motion of Dr. Sirak, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Henry H. Blau

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 11, 1980, of Henry H. Blau, Professor Emeritus, Department of Ceramic Engineering.

Dr. Blau was born on May 16, 1897, at Dayton, Ohio. He received a B.S. in Chemical Engineering from the Carnegie Institute of Technology in 1919; a M.S. in Physical Chemistry from the Massachusetts Institute of Technology in 1920; a Ph.D. from the University of Pittsburgh in 1934; and a Professional Degree Chemical Engineer from the Carnegie Institute of Technology in 1935.

His illustrious career in the glass industry commenced in 1920 as a research chemist with the Macbeth-Evans Glass Company in Charleroi, Pennsylvania. He was named Director of Research in 1924 and continued in that position until 1936 when the Company merged with the Corning Glass Works. From 1936 to 1941, Dr. Blau was the Director of Research on Illuminating and Colored Glasses and Glass Crystallization for the Corning Glass Works, where pioneering research laid the groundwork for many areas of modern glass materials and applications.

In 1941, he was named as Vice President and Member of the Board of the Federal Glass Company and moved to Columbus to direct that Company's technical operations. He joined the faculty in 1945 to teach and conduct research on a part-time basis until his retirement from Federal Glass in 1963, when he accepted a full-time professorship. He was appointed Professor Emeritus in 1967.

March 7, 1980 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Henry H. Blau (contd)

Virtually every recognition available from the American Ceramic Society has been bestowed upon Dr. Blau, including the highest possible award of Honorary Life Member.

A legacy of quality publications in major scientific journals and an extensive list of American and foreign patents attest to his productive and creative career. His many former students, colleagues, and friends will sorely miss his valued guidance.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Blau 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 sincere appreciation of the Board's realization of the loss to the family, University and his many friends and associates.

George F. Grannis

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 14, 1980, of George F. Grannis, Professor in the Department of Pathology.

Dr. Grannis was born in Lodi, Ohio, and received his bachelor's degrees in science and math and also in chemistry from the University of Michigan. He stayed at Michigan and obtained a master's degree in biochemistry and later received a Ph.D. in biochemistry from Temple University in 1961. He came to Ohio State in 1968 and quickly moved up the ranks to Professor of Pathology in 1976.

Dr. Grannis was a man of great curiosity and introspection in many areas, not only biochemistry, and he provoked thought and criticism of ideas in the people he touched. Some of the topics in which he published research findings included: biochemistry of proteins in health and disease, normal and abnormal blood coagulation, analysis of proteins involved in hemorrhage and thrombosis, excretion of estrogens in pregnancy, evaluation of pregnancy by urinary estrogens, proficiency evaluation of clinical laboratories, biochemistry of aging, preparation and design of quality control materials, statistical evaluation of laboratory data, demographic perturbations due to cigarette smoking, and the quality control of enzyme analyses. But these are just one measure of the man and do not reflect all his interests or abilities. He enjoyed discussing economic problems, life expectancy statistics, the social order, gerontology, and aging. His life was the world of ideas. Dr. Grannis had the unique gift of profound thinking, creativity, and critical analysis. Everything he did was thorough and he paid particular attention to details. He loved writing scholarly papers and enjoyed the precise use of the English language. Each one of his many scholarly publications are a pleasure to read since they're so lucid, and the ideas flow smoothly and easily. He was particularly skilled in preparing graphs and charts to convey ideas clearly.

Dr. Grannis was a leader. He was a founding member and first President of the National Academy of Clinical Biochemistry, he was a Chairman of the Ohio Valley Section of the AACC, and he played a key role in organizing the scientific papers for the 1972 National Meeting of the AACC. He was the Ohio Regent of the Gerontological Society and a member

March 7, 1980 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

George F. Grannis (contd)

of the Advisory Board of the Ohio Department of Health Laboratory Improvement Program. He was a member of 13 professional, scientific, and scholarly organizations, which reflected his catholic interest in science, biochemistry, clinical chemistry, pathology, aging, and social problems. He made particular contributions to the College of American Pathologist's quality control programs. Dr. Grannis had been honored by his peers. He was the B. J. Katchman awardee of the Ohio Valley Section for outstanding contributions to clinical chemistry in 1975, and he was the 1980 nominee of the Section for the National Boehringer Mannheim Award for outstanding contributions to clinical chemistry in a selected area.

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

Joseph M. Hewlett

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 28, 1980, of Joseph M. Hewlett, Associate Professor Emeritus in the School of Health, Physical Education and Recreation.

Professor Hewlett received his M.A. degree from the University of Michigan in 1946.

Professor Hewlett was a member of the faculty in the Division of Physical Education from 1947 to 1965 while he also served as varsity gymnastics coach for the Athletic Department. In 1965, he assumed a full-time faculty position in the Division of Physical Education until his retirement in 1977.

Professor Hewlett was a member of the American Association for Health, Physical Education, Recreation and Dance, the American Camping Association, and the United States Gymnastics Federation. He authored articles and gave presentations on gymnastics, physical education for children and camping programs for the handicapped.

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.

Elizabeth I. Seabright

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 15, 1980, of Elizabeth I. Seabright, Assistant Professor Emeritus in the Department of Home Economics Education in the School of Home Economics.

March 7, 1980 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Elizabeth I. Seabright (contd)

Ms. Seabright was born in Ross County, Ohio, on March 1, 1902. She received the B.S. degree in Spring of 1927 and the M.A. degree in March of 1942 from The Ohio State University. She attended Columbia University two semesters working toward a doctoral degree in 1947-48.

Ms. Seabright taught home economics at McClain Junior High School in Greenfield, Ohio, from 1923 to 1928. From there she went to Camden Practice School, Camden, Ohio, teaching and supervising student teachers from 1928-31 and returned to Greenfield to teach vocational home economics at McClain High School from 1932 to 1942.

She came to The Ohio State University on September 1, 1942, as an Instructor and taught in the vocational home economics program, was promoted to Assistant Professor in July, 1945 and retired October 1, 1961.

Ms. Seabright's teaching was in the area of home economics education and supervision of student teachers in cooperation with the State Department of Education, including the in-service education of teachers of home economics in the secondary schools. She authored bulletins for the State Department of Education which were distributed by the Division of Vocational Education.

Her memberships and professional activities included Omicron Nu, an honorary in home economics; Phi Lambda Theta, an honorary in education; American Home Economics Education Association; Ohio Home Economics Association; Ohio Vocational Association and American Vocational Association.

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

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DEGREES AND CERTIFICATES - WINTER QUARTER COMMENCEMENT

Resolution No. 80-84

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

March 7, 1980 meeting, Board of Trustees

DEGREES AND CERTIFICATES - WINTER QUARTER COMMENCEMENT (contd)

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on March 20, 1980, 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 Dr. Sirak, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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HONORARY DEGREES

Resolution No. 80-85

Synopsis: Approval is requested for awarding honorary degrees.

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:

Barbara S. Uehling	Doctor of Laws
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and

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:

Norman Ernest Borlaug	Doctor of Science
Edgar Dale	Doctor of Humane Letters
Laurence M. Gould	Doctor of Science
John G. Wagner	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.

Upon motion of Mr. Havens, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Mr. Galbreath:

Madam Chairman, I had mentioned this once before. I read the background on all these distinguished individuals. I wondered if there could be some--in the

March 7, 1980 meeting, Board of Trustees

HONORARY DEGREES (contd)

Mr. Galbreath: (contd)

future, if there could be a little story about them other than just a list of degrees and professional accomplishments--why they have been singled out, have they invented something, have they been a unique contributor to their industry or is there something unusual about each one that we ought to know. Otherwise, you're just reading a biography and that doesn't really tell me all that I would like to know.

President Enarson:

I think your point is very well taken and the Committee on Honorary Degrees has a great deal of background information which it has assembled prior to reaching a decision and it would be no task at all to extract notes which would enable one to get a better fix on this and indeed, you'd find it very rewarding very quickly. For example, Edgar Dale is really one of our most distinguished professors. We had a lovely ceremony for him, Phi Delta Kappa did, earlier this week and named part of a building for him. He's a true star in the OSU firmament and you're deprived of a full understanding of what Edgar Dale has meant to this University.

Mr. Galbreath:

That's what I would like for you to put on each one, just so that it just isn't a category and a name someplace.

President Enarson: We'll do it. Mr. Secretary, we'll work together on that. Thanks a lot.

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PERSONNEL ACTIONS

Resolution No. 80-86

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Leaves of Absence Without Salary and Professional Improvement Leaves are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the February 1, 1980 meeting of the Board, including the following Leaves of Absence Without Salary and Professional Improvement Leaves as detailed in the University Budget for 1979-80, be approved.

Leaves of Absence Without Salary

HARRY L. COLES, Professor, Department of History, effective October 1, 1980 through March 31, 1981, to teach at the University of Durham, England.

March 7, 1980 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

RONALD W. HART, Professor, Department of Radiology, effective May 1, 1980 through April 30, 1981, to serve as Director, National Center for Toxicological Research for the Federal Drug Administration.

MANSEL G. BLACKFORD, Associate Professor, Department of History, effective April 1, 1980 through December 31, 1980, to accept a Fulbright Lectureship to teach American History at Kyushu University and Seinan Gakuin University in Fukuoka, Japan.

DAVID F. ROBINSON, Associate Professor, Department of Slavic and East European Languages and Literatures, effective April 1, 1980 through June 30, 1980, to accept a grant from the International Research and Exchanges Board (IREX) to study Slavic paleography in Bulgaria.

MICHAEL J. ZWETTLER, Associate Professor, Department of Judaic and Near Eastern Languages and Literatures, effective April 1, 1980 through September 30, 1980, to participate in the Institute for Advanced Studies at the Hebrew University of Jerusalem, Israel.

PAUL J. QUIRK, Assistant Professor, Department of Political Science, effective October 1, 1980 through June 30, 1981, to continue work at Brookings Institution.

ANN M. SEYBOTH, Assistant Professor, University Libraries, effective March 25, 1980 through March 24, 1981, for personal reasons.

NANCY ANN RUDD, Instructor, Department of Textiles and Clothing, effective March 1, 1980 through March 31, 1980, for personal reasons.

Professional Improvement Leaves

WILLIAM J. DAVIS, Professor, Department of Mathematics, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

DAVID H. ELLIOT, Professor, Department of Geology and Mineralogy and Director, Institute of Polar Studies, effective Summer Quarter 1980 and Autumn Quarter 1980.

GIDEON FRAENKEL, Professor, Department of Chemistry, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

KOICHIRO HARADA, Professor, Department of Mathematics, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

JOHN H. KESSEL, Professor, Department of Political Science, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

March 7, 1980 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leaves (contd)

MICHAEL J. KINDRED, Professor, College of Law, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

WEN LANG LI, Professor, Department of Sociology, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

SAMUEL H. OSIPOW, Professor, Department of Psychology, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

RICHARD N. PRATTE, Professor, Academic Faculty of Foundations and Research, effective Winter Quarter 1981 and Spring Quarter 1981.

LAUREL WALUM RICHARDSON, Professor, Department of Sociology, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

D. A. RIGNEY, Professor, Department of Metallurgical Engineering, effective Winter Quarter 1981 and Spring Quarter 1981.

PHILIP D. STEWART, Professor, Department of Political Science, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

JILL YAQUB, Professor, Department of Mathematics, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

MOHAMMED YAQUB, Professor, Department of Physics, effective Autumn Quarter 1980 and Winter Quarter 1981.

SEPPO A. KORPELA, Associate Professor, Department of Mechanical Engineering, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

HOWARD P. MARVEL, Associate Professor, Department of Economics, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

RICHARD H. REUNING, Associate Professor, College of Pharmacy, effective Autumn Quarter 1980, Winter Quarter 1981, Spring Quarter 1981 and Summer Quarter 1981.

PHILIP J. VON RAABE, Associate Professor, Department of Art, effective Winter Quarter 1981 and Spring Quarter 1981.

SIA K. WONG, Associate Professor, Department of Mathematics, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

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

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March 7, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

Resolution No. 80-87

Synopsis: The report on contracts, grants and gifts and the summary for January 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 1980, be approved.

Upon motion of Dr. Sirak, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

SUMMARY FOR JANUARY 1980

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	66	\$3,548,336.25
Engineering Experiment Station	1	104,720.00
		\$3,653,056.25
December 1979		
The Ohio State University Development Fund	10,113 Donors	\$3,292,167.66
Establishment of Named Funds		
Sphinx Endowment Fund (Establishment of Sphinx Plaza)		\$ 43,863.22
Dairy Science Research Fund (Department of Dairy Science)		\$ 10,000.00
The Home Economics Programs (School of Home Economics)		\$ 10,000.00
Sidney W. Nelson Radiology Fund (Radiology education and research)		\$ 8,914.20

March 7, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR JANUARY 1980 (contd)

Establishment of Named Funds (contd)

Tuscarawas County Scholarship Fund (Undergraduate student scholarships)	\$ 5,000.00
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Report from Presidents Club

Members to date	3,451
1980: year to date	65
New members - January 1980	65

New Presidents Club Members - January 1980

Jerold H. Altman	Robert H. Knabe
Christine M. Andrews	Thomas J. Kolda
Rannells Bauman	Randall L. Kreager
Ronald W. Benedick	Donald L. Lewis
Edgar A. Bircher	Robert A. Lightburn
Diana L. Blazer (Mrs. John)	F. Paul Logeman
Keith C. Bogart	Kay B. Marshall (Mrs. Paul)
Deborah P. Bower	Lois McAdoo
James C. Bragg	Robert B. McDonald
David A. Brooks	Ruth Morgan McNeal
William L. Buckingham	J. Thomas Meeks
William B. Burgett	Gordon E. Meinhart, Jr.
John R. Byrd	Wayne S. Nichols
George B. Cardosi	Nancy E. Pankuch (Mrs. Richard G.)
Sheila A. Castellarin	Richard G. Pankuch
Marguerite A. Cobourn	Lelia B. Pfening
Wallace E. Conard	Cynthia G. Phillips
John W. Creamer	Michael L. Pulfer
Barbara Ann Erler (Mrs. George W.)	Michael P. Scholler
William L. Evans	Jean F. Seiberling
James R. Galvin	Fannie L. Shafer (Mrs. Richard H.)
Susan Gerlach	Bipin Shah
James F. Graham	Robert N. Shamansky
Gerald L. Grinstead	Richard D. Shock
David G. Haas	George I. Slaman
David B. Hartsook	Dorothy T. Taber
Craig A. Hasselschwert	Glendine H. Wadlington (Mrs. George F.)
Edgar P. Haudenschild	Harry D. Watkins
William G. Heim	Robert B. Webber
Lawrence A. Herrett	John M. Williams
Willard W. Hoyt	Roger D. Winland
O. William Hueter	Mary J. Yeager (Mrs. John)
William H. Kaye	

March 7, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SECOND QUARTER SUMMARY

October 1, 1979 through December 31, 1979

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Source	No. of Donors	Support Level
ANNUAL GIVING		
Direct Mail	1,844	\$ 77,314.00
Annals	2,550	42,620.46
Miscellaneous	8,400	504,494.54
Community Campaigns	2,770	67,991.64
Corporate Matching Gifts	166	36,376.92
TOTAL	15,730	\$ 728,797.56
MAJOR RESOURCES		
Deferred Gifts	47	\$1,391,400.12
Major Individuals	720	1,548,083.39
Corporations	136	843,329.85
Corporate Foundations	128	286,338.46
Private Foundations	39	253,879.28
Other Organizations	553	546,430.95
TOTAL	1,623	\$4,869,462.05
GRAND TOTAL	17,353	\$5,598,259.61

March 7, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$999,932.00 - Department of Labor, Employment and Training Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Academic Faculty of Labor and Human Resources (H. S. Parnes and M. E. Borus), 1 October 1980 through 30 September 1981. (Project 760081 - Continuation)

\$223,000.00 - Department of Labor, Occupational Safety and Health Administration, Washington, D. C., Development of Occupational Safety and Health Training/Education and Related Assistance Capabilities, College of Administrative Science, Division of Continuing Education (C. J. Slanicka and R. M. Montgomery), 1 January 1980 through 30 September 1980. (Project 761381 - Continuation)

\$194,855.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Develop a Communications Office and Cancer Information Service, Cancer Research Center (D. S. Yohn), 19 September 1980 through 18 September 1981. (Project 761352 - Continuation)

\$145,809.00 - National Science Foundation, Washington, D. C., Purchase of a Nuclear Magnetic Resonance Spectrometer, Department of Chemistry (D. W. Meek), 1 January 1980 through 31 December 1980. (Project 762001 - New)

\$84,998.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Techniques for Optical Power Limiting, Department of Electrical Engineering (J. Meadors), 22 December 1979 through 22 May 1980. (Project 760547 - Continuation)

\$75,634.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Postoperative Recovery Mechanisms and Retention, Department of Psychology (D. R. Meyer and P. M. Meyer), 1 January 1980 through 31 December 1980. (Project 761470 - Continuation)

\$74,979.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Radar Cross Section Studies, Department of Electrical Engineering (L. Peters and W. D. Burnside), 1 January 1980 through 30 April 1981. (Project 761608 - Continuation)

\$69,939.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute on Drug Abuse, Rockville, Maryland, Effects on Muscle Contraction and Endurance, College of Pharmacy (M. C. Gerald), 1 February 1980 through 31 January 1981. (Project 764488 - Continuation)

March 7, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$68,700.00 - National Science Foundation, Washington, D. C., Comparative Syringeal Function, Department of Zoology (A. S. Gaunt and S. L. Gaunt), 1 January 1980 through 31 December 1982. (Project 761989 - New)

\$59,939.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, Development and Optimization of Methodologies for Analysis of Complex Hydrocarbon Mixtures, Department of Chemistry (R. J. Laub), 1 January 1980 through 31 December 1980. (Project 761982 - New)

\$46,990.00 - National Science Foundation, Washington, D. C., Student Science Training, Department of Mathematics (T. G. Ralley), 15 January 1980 through 31 August 1981. (Project 762013 - New)

\$44,808.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute on Alcohol Abuse and Alcoholism, Rockville, Maryland, Drug Abuse/Alcoholism Career Teacher Training, Department of Preventive Medicine (M. D. Keller), 1 January 1980 through 31 December 1980. (Project 761482 - Continuation)

\$40,709.00 - National Science Foundation, Washington, D. C., Analytical and Physico-Chemical Studies by Gas-Liquid Chromatography, Department of Chemistry (R. J. Laub), 1 March 1980 through 28 February 1981. (Project 761541 - Continuation)

\$38,000.00 - Department of the Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Jam Resistant Communications Systems Techniques, Department of Electrical Engineering (A. A. Ksienski and W. D. Burnside), 1 August 1980 through 30 September 1980. (Project 761461 - Continuation)

\$37,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, In Search of a Theoretical Foundation for Quantitative Ultrasonic Measurement of Fracture Toughness, Department of Engineering Mechanics (S. L. Fu), 7 February 1980 through 6 February 1981. (Project 761641 - Continuation)

\$35,486.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Nitroglycerin Tolerance, College of Pharmacy (T. D. Sokoloski), 1 December 1979 through 30 November 1980. (Project 761464 - Continuation)

\$33,248.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Antiarrhythmic Studies on 2-Substituted Aminoindenes, College of Pharmacy (R. G. Rahwan), 1 January 1980 through 31 December 1980. (Project 761015 - Continuation)

March 7, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$32,545.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Coordination and Control of Multiple-Armed Manipulator Systems, Department of Electrical Engineering (C. A. Klein), 1 February 1980 through 31 January 1981. (Project 762012 - New)

\$28,528.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Effects of Ice Formation on 2-D Aerodynamic Shapes, Department of Aeronautical and Astronautical Engineering (G. Gregorek), 1 February 1980 through 31 January 1981. (Project 762009 - New)

\$27,282.00 - Defense Mapping Agency, Hydrographic/Topographic Center, Washington, D. C., Research Related to Inertial Surveying Systems, Department of Geodetic Science (I. I. Mueller), 1 October 1979 through 31 October 1980. (Project 761793 - Continuation)

\$22,196.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Truck Tractor Pneumatic Simulator Development, Department of Mechanical Engineering (D. A. Guenther), 1 January 1980 through 31 December 1980. (Project 761992 - New)

\$19,617.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Energetics of Calcium Cycling During Muscle Contraction, Department of Physiology (J. A. Rall), 1 January 1980 through 31 December 1980. (Project 760993 - Continuation)

\$18,005.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., The Cognitive Processes of Contextual Features Produced by Children in Three Modes of Discourse, Academic Faculty of Early and Middle Childhood Education (M. King) and Academic Faculty of Humanities Education (V. Rentel), 1 January 1980 through 31 March 1980. (Project 761513 - Continuation)

\$17,213.00 - National Science Foundation, Washington, D. C., The Microfoundations of Inflationary Dynamics, Department of Economics (J. H. McCulloch), 1 February 1980 through 30 September 1980. (Project 762014 - New)

\$16,065.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Antivascular Endothelial Antibody, Department of Surgery (J. Cerilli), 1 December 1979 through 30 November 1980. (Project 763857 - Continuation)

March 7, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$15,460.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Development and Testing of Software for the Link from HP 9830 Calculator to PDP 11-34, Department of Electrical Engineering (H. Hemami), 1 December 1979 through 31 December 1980. (Project 761985 - New)

\$14,852.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Processing and Display of National Highway Traffic Safety Administration In-House Test Data, Department of Electrical Engineering (H. Hemami), 1 December 1979 through 31 December 1980. (Project 761986 - New)

\$13,734.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, The Measurement of Socio-Moral Reflection, Department of Psychology (J. C. Gibbs), 1 January 1980 through 31 December 1980. (Project 761998 - New)

\$13,550.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, The Effects of Punishment in Early Development, Department of Psychology (A. C. Collier), 1 January 1980 through 31 December 1980. (Project 761997 - New)

\$9,044.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Computer Modeling of Angular Side Impact Collisions, Department of Mechanical Engineering (D. A. Guenther), 1 January 1980 through 30 June 1980. (Project 761991 - New)

\$8,026.00 - Department of the Interior, Office of Water Research and Technology, Washington, D. C., Evaluation of Bacterial Binding and Release of Cadmium from Aquatic Sediments, Engineering Experiment Station, Water Resources Center (R. C. Stiefel) and Department of Microbiology (R. M. Pfister), 1 October 1979 through 30 September 1981. (Project 761901 - Continuation)

\$2,500.00 - Department of Labor, Washington, D. C., Hearing Losses of Federal Employees, Department of Communication (E. J. Hardick) and Department of Otolaryngology (W. Melnick), 1 January 1980 through 4 October 1980. (Project 761897 - Continuation)

\$2,500.00 - National Science Foundation, Washington, D. C., Microparticle Stratigraphy of Ice Cores From the Ross Ice Shelf, Institute of Polar Studies (D. H. Elliot and L. G. Thompson), 1 January 1980 through 31 March 1980. (Project 761025 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS

\$2,535,143.00

March 7, 1980 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

\$95,513.00 - State of Ohio, Public Utilities Commission of Ohio, Columbus, Ohio, Technical Assistance for the Development and Application of Regulatory Methods for Major Telephone Rate Applications, National Regulatory Research Institute (D. N. Jones and A. G. Buckalew), 1 January 1980 through 31 August 1980. (Project 761972 - New)

\$23,000.00 - Ohio Historical Society, Columbus, Ohio, Regional Preservation Office 7HA, Mansfield Campus (R. L. Wink and S. McQuillin), 1 October 1979 through 30 September 1980. (Project 762005 - New)

\$22,817.00 - Ohio Historical Society, Columbus, Ohio, Regional Archaeological Preservation Office 6A, Department of Anthropology (D. T. Hughes and W. Dancey), 1 October 1979 through 30 September 1980. (Project 761871 - Continuation)

\$19,890.00 - Ohio Historical Society, Columbus, Ohio, Regional Archaeological Preservation Office 4A (OSU Mansfield Campus), Mansfield Campus (R. L. Wink, S. L. Deaver and D. Morse), 1 October 1979 through 30 September 1980. (Project 762004 - New)

\$13,375.00 - State of Ohio, Division of Mental Health, Columbus, Ohio, Assessment of Programmatic Responses to the Proposed Standards and Guidelines for Program Evaluation in 648 Board and Contract Agencies, College of Social Work (B. Toomey), 1 February 1980 through 30 June 1980. (Project 762015 - New)

\$11,345.00 - State of Ohio, Division of Mental Health, Department of Mental Health and Mental Retardation, Columbus, Ohio, Neuroendocrine Changes in Major Depression, Department of Psychiatry (H. Schmidt), 1 November 1979 through 30 June 1980. (Project 762006 - New)

\$8,460.00 - State of Ohio, Department of Health, Columbus, Ohio, "Perinatal Outreach" Project, Department of Pediatrics (L. Cordero), 1 December 1979 through 30 June 1980. (Project 762008 - New)

\$7,999.00 - State of Ohio, Department of Liquor Control, Columbus, Ohio, Assessing the Impact of a "Teenage Drinking Preventative Program" on the Traffic-Related Accident Involvement of Affected Students, National Center for Research in Vocational Education (R. E. Taylor), 22 January 1980 through 30 June 1980. (Project 762003 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS

\$ 202,399.00

March 7, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants

\$284,633.00 - Toledo Edison Company, Toledo, Ohio, Operational Aquatic Ecology Monitoring Program for the Davis-Besse Nuclear Power Station, Center for Lake Erie Area Research (J. M. Reutter and C. E. Herdendorf), 1 January 1980 through 30 June 1982. (Project 761996 - Continuation)

\$174,123.00 - Battelle Memorial Institute, Office of Nuclear Waste Isolation (ONWI), Columbus, Ohio, Experimental and Analytical Studies of the Thermal Aspects of Deep Geological Disposal of Commercial Nuclear Wastes, Department of Mechanical Engineering (F. A. Kulacki), 1 January 1980 through 30 September 1980. (Project 761731 - Continuation)

\$56,368.00 - Public Service Commission of the District of Columbia, Washington, D. C., Regulatory Approaches for the Transition From a Monopoly Environment to a Competitive Environment in the Telecommunications Industry, National Regulatory Research Institute (D. N. Jones and A. G. Buckalew), 1 January 1980 through 31 August 1980. (Project 761988 - New)

\$47,500.00 - Clarkson College of Technology, Potsdam, New York, A Meteorological Instrumented Range for Millimeter Wave Sensors, Department of Electrical Engineering (C. Levis), 2 January 1980 through 30 September 1980. (Project 761830 - New)

\$40,565.00 - U.S.-Spanish Joint Committee for Scientific and Technological Cooperation, Madrid, Spain, Paleomagnetic Study of Upper Carboniferous Coal-Bearing Strata in Northwest Spain, Department of Geology and Mineralogy (H. C. Noltmier), 1 January 1980 through 31 May 1980. (Project 761703 - Continuation)

\$31,180.00 - Cornell University, Ithaca, New York, A Sampling Plan for Estimating Fruit Tree Damage Caused by Pine Voles, Department of Zoology (J. Bart), 1 December 1979 through 31 December 1981. (Project 762002 - New)

\$26,678.00 - University of Maine at Orono, Orono, Maine, A Study of the Interaction of the Ross Ice Shelf With Byrd Glacier, Institute of Polar Studies (D. H. Elliot and H. H. Brecher), 1 December 1979 through 31 October 1980. (Project 761737 - Continuation)

\$18,188.00 - Texas Education Agency, State Department of Education, Austin, Texas, Consortium for the Development of Professional Materials for Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1979 through 31 August 1980. (Project 761993 - New)

March 7, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$16,147.00 - Rachelwood Wildlife Research Preserve, New Florence, Pennsylvania, The Relationships of Social Status and Mortality in Gray Squirrels, Department of Zoology (J. D. Harder), 1 January 1980 through 30 November 1981. (Project 761696 - Continuation)

\$15,250.00 - Montgomery County Public Schools, Rockville, Maryland, Montgomery County Public Schools Career Education Project, National Center for Research in Vocational Education (R. E. Taylor), 10 January 1980 through 30 June 1980. (Project 762011 - New)

\$15,000.00 - City of Columbus, Department of Finance, Division of Fire, Columbus, Ohio, City of Columbus, Division of Fire Planning Group, College of Administrative Science, Division of Continuing Education (J. P. Stanley), 1 January 1980 through 30 June 1980. (Project 761701 - Continuation)

\$14,200.00 - Hamilton Standard, Division of United Technologies, Windsor Locks, Connecticut, Advanced Airfoils for Propeller Applications, Department of Aeronautical and Astronautical Engineering (K. D. Korkan), 21 December 1979 through 29 February 1980. (Project 761707 - Continuation)

\$13,000.00 - The Procter and Gamble Company, Cincinnati, Ohio, Study of In-Vitro Methods Used in Toxicological Research, Department of Veterinary Clinical Sciences (M. Wyman), 1 October 1979 through 30 September 1980. (Project 760402 - Continuation)

\$10,000.00 - The Weight Watchers Foundation, Inc., Manhasset, New York, Catecholestrogens and Their Relationship to Hypertension, Menstrual Cyclicity, and Psychological Status During Planned Weight Reduction in the Obese, Department of Obstetrics and Gynecology (M. H. Kim and C. Friedman), 1 January 1980 through 31 December 1980. (Project 762007 - New)

\$8,236.00 - Elsa U. Pardee Foundation, Midland, Michigan, A Novel Prodrug-liposome Delivery System for Improved Chemotherapy by the Antileukemic Drug, Arabinosylcytosine, College of Pharmacy (R. Notari), 1 February 1980 through 31 January 1981. (Project 761999 - New)

\$6,336.00 - University of Dayton, Research Institute, Dayton, Ohio, Histopathologic Examination of Guinea Pig Temporal Bones, Department of Otolaryngology (D. J. Lim), 1 February 1980 through 1 August 1980. (Project 761976 - New)

March 7, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$6,000.00 - American Cancer Society - Ohio Division, Cleveland, Ohio, Membrane Glycoproteins of Lymphocytes From Normals and Lymphoma Patients, Department of Medicine (D. M. Lewis), 1 November 1979 through 31 October 1980. (Project 761990 - New)

\$5,707.00 - Exxon Education Foundation, New York, New York, Critical Issues of the Twentieth-Century World, Department of History (C. Findley), 1 April 1980 through 31 March 1981. (Project 762010 - New)

\$4,813.00 - Southwest Oncology Group, Kansas City, Kansas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Medicine (H. E. Wilson), 30 September 1979 through 29 March 1980. (Project 760617 - Continuation)

\$4,257.25 - Midwest Universities Consortium for International Activities, Inc., (MUCIA), Madison, Wisconsin, Women in Development Network, College of Agriculture and Home Economics, International Programs in Agriculture (M. G. Smith), 15 August 1979 through 15 August 1980. (Project 761983 - New)

\$4,015.00 - University of Missouri, Columbia, Missouri, Study of Gas-Solid Airflow Over a Flat Plate, Department of Chemical Engineering (J. L. Zakin), 1 December 1979 through 30 November 1980. (Project 760974 - Continuation)

\$3,698.00 - Scripps-Howard Newspapers, Cincinnati, Ohio, QUBE's Impact on Newspaper Readership, School of Journalism (L. B. Becker and S. Dunwoody), 1 January 1980 through 31 March 1980. (Project 761980 - New)

\$2,500.00 - The George Gund Foundation, Cleveland, Ohio, Ohio Commission for Children's Statewide Conference on Children's Needs, Office of Academic Affairs, Division of Continuing Education (D. E. Crawford), 1 November 1979 through 31 October 1980. (Project 762000 - New)

\$2,000.00 - American Petroleum Institute, Washington, D. C., API Readability Analysis, Department of Psychology (E. T. Cornelius, III), 1 February 1980 through 30 April 1980. (Project 761804 - Continuation)

\$400.00 - Interamericana University of Puerto Rico, San German, Puerto Rico, Technical Assistance, National Center for Research in Vocational Education, (R. E. Taylor), 1 November 1979 through 30 November 1979. (Project 768025 - New)

TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS

\$ 810,794.25

March 7, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$104,720.00 - Gas Research Institute, Chicago, Illinois, for "Antenna Design for Terrascan Radar System," Department of Electrical Engineering, June 1, 1979 through May 31, 1980. (EES 601/529081 and EES 602/529082)

Sponsored Development Projects

\$114,769.00 from various sponsors for 42 development projects.

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$20,950.71 - Louise Orr Scott Foundation, Columbus, Ohio, for William Craig Orr and Mary Black Orr Scholarship in Medicine.

\$20,815.63 - University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.

\$15,350.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for Samuel J. Roessler Memorial Fund.

\$15,220.00 - The Charles F. High Foundation, Bucyrus, Ohio, for Charles F. High Foundation Scholarship Fund.

\$15,000.00 - American Broadcasting Company, New York, New York, for William D. Stewart Memorial Fund.

\$15,000.00 - The Kiplinger Foundation, Inc., Washington, D. C., for Willard M. Kiplinger Chair in Public Affairs Reporting.

\$14,390.30 - Retinal Consultants, Inc., Columbus, Ohio, for Retina Research Fund.

\$10,078.13 - Foundation for Endowment of a Chair at Ohio State University, New York, New York, for Meshulam Riklis Chair in Business and Its Environment Fund.

\$10,077.74 - Grace and Carl Baldwin Trust, Columbus, Ohio, for Carl M. and Grace C. Baldwin Eye Care Fund.

\$10,000.00 - Dr. Dorothy DeLong Scott, Columbus, Ohio, for Home Economics Programs Fund Endowment.

March 7, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$7,500.00 - Western-Southern Life Insurance Company, Cincinnati, Ohio, for John W. Bricker Named Professorship in the College of Law.

\$6,322.50 - Eastman Kodak Company, Rochester, New York, for Kodak Scholars Program in Engineering Fund.

\$6,000.00 - Central Ohio Center for Economic Education, Columbus, Ohio, for Center for Economic Education.

\$5,844.48 - Moffitt Royalty Trust, San Antonio, Texas, for Melvin E. Moffitt Memorial Fund.

\$5,000.00 - Irvin L. Allison, (given in the names of Mr. and Mrs. Irvin L. Allison), Columbus, Ohio, for Dr. Floyd M. Beman Fund.

\$5,000.00 - Gannett Newspaper Foundation, Rochester, New York, for Journalism Director's Special Fund.

\$5,000.00 - Richard D. Gilson, Columbus, Ohio, for Department of Aviation Chairman's Discretionary Fund.

\$5,000.00 - Dorothy J. Knull, Columbus, Ohio, for the Josef N. Knull Memorial Fund in Entomology.

\$5,000.00 - PPG Industries Foundation, Pittsburgh, Pennsylvania, for Affirmative Action Program in Engineering Fund.

\$5,000.00 - Dr. M. Henry Speck, Youngstown, Ohio, for Drs. M. Henry and Myron E. Speck Fund.

Gifts-in-Kind

\$80,065.00 - Anonymous donor, gemstones to be housed in Mershon Auditorium.

\$20,000.00 - Battelle Memorial Institute, Columbus, Ohio, a friction welding system for use in the College of Engineering.

\$7,805.00 - Branson Sonic Power Company, Danbury, Connecticut, Branson 3121 Ultrasonic Metal Welder for use in the College of Engineering.

March 7, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds

Sphinx Endowment Fund

The Sphinx Endowment Fund was established March 7, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from members and friends of Sphinx, the senior honorary.

All gifts are to be invested in the University's Permanent Endowment Fund, under the 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 are to be added to the principal for the purpose of establishing the Sphinx Plaza on campus. Principal as well as income may be used for planning, construction and maintenance of the plaza, which shall be dedicated to the University on the event of the 75th anniversary of the founding of Sphinx.

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 recognized student organizations. Before making such recommendations, the University official so designated should consult with the Sphinx organization or its successor.

Dairy Science Research Fund

The Dairy Science Research Fund was established March 7, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni and friends.

All gifts are to be invested in the University's Permanent Endowment Fund, 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 case dictates.

The annual income is to be used to supplement research programs in the Department of Dairy Science. Preference will be given to research projects of new faculty members and to innovative research by established faculty, as determined by the Executive Committee of the Department.

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 the preference being given to the appropriate administrative official of the University who is then directly responsible for the College of Agriculture.

March 7, 1980 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 Home Economics Programs Fund

The Home Economics Programs Fund was established March 7, 1980, by the Board of Trustees of The Ohio State University with gifts from alumni and friends of the School 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 the case dictates.

The annual income is to be used to further programs in the School of Home Economics, as determined by the Home Economics Programs Fund Board.

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 the preference being given to the appropriate administrative official of the University who is then directly responsible for the School of Home Economics.

Sidney W. Nelson Radiology Fund

The Sidney W. Nelson Radiology Fund was established March 7, 1980, with gifts to The Ohio State University through The Ohio State University Development Fund from Dr. Sidney W. Nelson, of Columbus, Ohio.

Sidney W. Nelson, M.D., was Chairman and Professor of the Department of Radiology at The Ohio State University from 1955-1975. During that time, the Department, under his leadership, grew rapidly and achieved national prominence in the field.

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

Income and/or principal from the fund are to be used for the support of radiology education and research activities not funded by legislative appropriations; i.e., the purchase of supplies and equipment to support such research and faculty and/or student travel to scientific meetings and other educational conferences which will contribute to their scientific and educational advancement as well as other expenses contributing to enrichment of the scholarly programs of the department. Requisitions for such funds will be approved by the Chairman of the Department of Radiology and the Dean of the College of Medicine.

Should the Department of Radiology cease to exist, through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for radiological education.

March 7, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Tuscarawas County Scholarship Fund

The Tuscarawas County Scholarship Fund was established March 7, 1980, by the Board of Trustees of The Ohio State University with gifts from alumni and friends of Tuscarawas County to The Ohio State University Development Fund.

All gifts are to be invested in the University's Permanent Endowment Fund, 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 to provide one or more scholarships for undergraduate students from Tuscarawas County enrolled in The Ohio State University. The selection of the recipient is to be made by the University Committee on Student Financial Aids upon recommendation of a selection committee from the Tuscarawas County Alumni 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 the recommendations from the appropriate administrative official of the University who is then directly responsible for scholarships and student financial aids.

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INTRODUCTION OF RICHARD O. BUXTON

President Enarson:

Madam Chairman and Members of the Board, this may be as good a time as any to break into the formal agenda. I would like at this time to introduce our new Vice President for Development and Director of the Development Fund, Richard Buxton, who is sitting over here. Dick, we are delighted to have you here. It is his first day--second day at work. He has been instructed by all and sundry on his--the nature of his challenges. I caught him eating his whole wheat toast in the cafeteria this morning and to my great regret he reported that he had already been out and run 10 miles. To those of us who have trouble getting to the breakfast table at a slow walk it is very disconcerting, and we are delighted that you are here.

Without in any way reflecting on the work of the past, I will be working with Mr. Buxton on a different form of presentation on the matter of the Development Fund report. It seems to me that we do this Board a disservice when we don't have comparable data; that is, this year against last year or this quarter against a prior quarter. Also, we need a sharper distinction--we need some distinctions in terms of the number of donors. We currently list anybody who gives anything--for example, to WOSU--as a donor, and I think that inflates the statistics and I think it is intrinsically confusing. So we are going to be working on some different presentations which will give you a better sense of perspective.

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March 7, 1980 meeting, Board of Trustees

PLANS AND SPECIFICATIONS

Resolution No. 80-88

Synopsis: Plans and specifications are being proposed for the following projects.

WHEREAS at the request of the Vice President for Business and Administration, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimate of cost for the following projects:

PARKING LOTS, MAINTENANCE AND REPAIRS - 1980

Project: Portion of annual maintenance program for repairs and up-grading of existing parking lots.
Funding: Budget Account 885071 (Traffic and Parking Revenues)
Estimated Project Cost: \$300,028.00

ARPS AND OHIO UNION PARKING RAMPS, MAINTENANCE AND REPAIRS - 1980

Project: Repairs necessary due to deterioration of concrete and water-proofing of top decks.
Funding: Budget Account 885120 (Traffic and Parking Revenues)
Estimated Project Cost: \$225,381.00

NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimate of cost for the projects listed above be approved and that the President and/or Vice President for Business and Administration 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 this action be reported to the Board at a later meeting.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, 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. 80-89

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

March 7, 1980 meeting, Board of Trustees

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

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

NORTH DORMITORIES, RETROFITTING OF HVAC SYSTEM

Description: Improvements to the heating, ventilating and air conditioning system to meet current energy conservation programs.

Heating, Ventilating and Air Conditioning Contract

Date Received:	February 6, 1980
No. of Bids:	5
Low Bid:	\$125,500.00
High Bid:	\$329,977.00
Estimate of Cost:	\$360,000.00
Awarded to:	Johnson Controls, Inc. (Columbus, Ohio)
Total All Contracts:	\$125,500.00
Total Contingency Allowance:	\$206,828.75*
Total Project Cost:	\$362,000.00
Funding:	Budget Account 885088 (Housing and Urban Development Loan to The Ohio State University Residence and Dining Halls)

*HUD has approved expanding the project with similar programmed work in the same group of buildings to the total approved loan amount.

WATER TOWER PAINTING

Description: Complete repainting of the interior and exterior of the tower.

General Contract

Date Received:	January 31, 1980
No. of Bids:	3
Low Bid:	\$42,923.00
High Bid:	\$75,543.00
Estimate of Cost:	\$98,000.00
Awarded to:	RossLin Construction & Maintenance Co. (Columbus, Ohio)

March 7, 1980 meeting, Board of Trustees

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

WATER TOWER PAINTING (contd)

Total Contract: \$42,923.00
Total Contingency Allowance: \$ 3,480.06 which is 8 per cent of construction contract
Total Project Cost: \$47,700.00
Funding: Budget Account 210134 (Contract Repair 1979-80)

GOSS LABORATORY, STEAM DISTRIBUTION IMPROVEMENTS

Description: Remove obsolete and oversized steam pressure reducing station, boiler feed tank, and boiler feed pumps and replace with new equipment to meet current requirements of the building.

Mechanical Contract

Date Received: February 7, 1980
No. of Bids: 4
Low Bid: \$31,300.00
High Bid: \$36,300.00
Estimate of Cost: \$40,000.00
Awarded to: C & E Mechanical, Inc. (New Albany, Ohio)
Total Contract: \$31,300.00
Total Contingency Allowance: \$ 2,504.14 which is 8 per cent of construction contract
Total Project Cost: \$35,091.00
Funding: Budget Account 210134 (Contract Repair 1979-80)

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 reported.

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

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March 7, 1980 meeting, Board of Trustees

**TRANSFER TRANSLATOR W47AB FROM OHIO EDUCATIONAL TELEVISION
NETWORK COMMISSION TO THE OHIO STATE UNIVERSITY**

Resolution No. 80-90

Synopsis: The transfer of Mansfield translator W47AB from Ohio Educational Television Network Commission to The Ohio State University is being proposed.

WHEREAS The Ohio State University and the Ohio Educational Television Network Commission have worked in concert to develop the W47AB translator at Mansfield, Ohio, so that the benefits of educational television could be extended to that region; and

WHEREAS said translator has been constructed by the Ohio Educational Television Network as part of its plan for state-wide service; and

WHEREAS said translator has been operated since 1 October 1977 by The Ohio State University; and

WHEREAS the state education television plan includes provisions for transfer of the translator license to The Ohio State University and those conditions will be stipulated in related applications to the Federal Communications Commission and in mutual assurances exchanged between these parties; and

WHEREAS basic financial support for the operation of this translator has been provided through grants from the Ohio Board of Regents, and is expected to continue, to be provided by the Board of Regents:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees of The Ohio State University does hereby authorize the President, or his designated representative, to execute documents which will transfer the license of W47AB from the Ohio Educational Television Network Commission to The Ohio State University.

Upon motion of Dr. Sirak, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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SALE OF PROPERTY - LOT 93, GENEVA-ON-THE-LAKE, OHIO

Resolution No. 80-91

Synopsis: Sale of Lot 93, Geneva-on-the-Lake, Ohio, is proposed.

WHEREAS the University has been provided an opportunity to sell an undivided one-half interest in the following property which has been held in the University Endowment Portfolio:

March 7, 1980 meeting, Board of Trustees

SALE OF PROPERTY - LOT 93, GENEVA-ON-THE-LAKE, OHIO (contd)

Situated in the Township of Geneva, County of Ashtabula, and State of Ohio, and known as being Sublot 93 in "The J. C. Palmer Realty Company's Palmetto Beach Allotment" of Original Geneva Township Lot 47, as shown by the recorded plat in Volume 8, pages 3, 4, 5, 6 of the Records of Maps of Ashtabula County, Ohio; and

WHEREAS the University, through the Development Fund, was named as a residual beneficiary in the Ivot Spafford Estate and received in 1976 an undivided one-half interest in Lot 93, Geneva-on-the-Lake; and

WHEREAS a firm offer has been received from Ralph E. and Jo Anne C. Belsterling to purchase gift property; and

WHEREAS Mrs. Alice Spafford, co-owner, has given her consent to sell and has authorized the University to proceed on her behalf; and

WHEREAS the University and Alice Spafford are in mutual agreement as to selling price:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sell the University's undivided one-half interest in said property in the name of the Board of Trustees of The Ohio State University, on behalf of the Development Fund, the proceeds from such sale to be channeled through the Development Fund.

Upon motion of Mr. Smith, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**SALE OF PROPERTY - LOTS NOS. 7, 8, 9, 10, 11, 12
(218-258 WEST CENTER STREET, MARION, OHIO)**

Resolution No. 80-92

Synopsis: Sale of property at 218-258 West Center Street, Marion, Ohio, is proposed.

WHEREAS The Ohio State University Development Fund was given a shopping center known as the Central Junior High School Grounds, located on the north side of West Center Street, and further described as 218-258 West Center Street, Marion, Ohio, by Mr. and Mrs. William Davis and son, William C. Davis, for the purpose of establishing The William H. Davis Professorship in the College of Administrative Science; and

WHEREAS The Ohio State University Development Fund is desirous of selling said property and realizing the maximum proceeds from said sale; and

March 7, 1980 meeting, Board of Trustees

**SALE OF PROPERTY - LOTS NOS. 7, 8, 9, 10, 11, 12
(218-258 WEST CENTER STREET, MARION, OHIO) (contd)**

WHEREAS the Marion Power Shovel Company, Inc., has executed a lease on a portion of said property and in said lease was granted an Option to Purchase said property in its original lease; and

WHEREAS the Marion Power Shovel Company, Inc., now wishes to finalize the purchase of said property; and

WHEREAS the University and Marion Power Shovel are in mutual agreement as to selling price:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sell the University's interest in said property in the name of the Board of Trustees of The Ohio State University.

President Enarson requested Vice President Jackson to explain the proposed sale:

Mr. Jackson:

Thank you, Mr. President. We have an offer to sell the Marion Shopping Center which was given to us by Mr. Davis. We have an offer of \$600,000 from the Marion Power Shovel Company, which is a subsidiary of Dresser Industries. Since the time it was given to us, we have invested about \$130,000 in basic improvements in boilers and roofs and the sort. It is a facility which has had some occupancy problems. It is a facility which is some distance from this campus in terms of management and it is the best judgment of our office as well as the Investment Committee, that we attempt to sell this particular investment. There are two contingencies that we will have to follow through, subsequent to your approval, if it is so given. One has to do with a first right of refusal on behalf of one of the tenants, the G. C. Murphy Company, to purchase that portion which their building they occupy is on. That we do not perceive is any hurdle to overcome. The second issue which still is to be resolved is a firm offer to establish a second floor on the G. C. Murphy building at a fixed price, which was a part of the original lease when we received the gift. So that I think that, hopefully, that one can be overcome also. The offer of \$600,000 is good for 120 days and we have full confidence that we can consummate this particular transaction within that length of time and we would wholeheartedly recommend that it be approved so that we can continue to pursue this matter.

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

SALES AGREEMENT

Agreement made as of this day of , 19 , by and between the Board of Trustees of The Ohio State University (herein "Trustees") and Marion Power Shovel Division, Dresser Industries, Inc. (herein "Company");

WITNESSETH:

WHEREAS, the Trustees desire to sell the real estate described on Exhibit A attached hereto (the "Property"); and

WHEREAS, the Company desires to purchase such real estate.

NOW, THEREFORE, in consideration of the terms and conditions hereinafter set forth, it is agreed as follows:

1. Subject to the rights, if any, of G C Murphy Company (herein "Murphy") under that certain lease agreement dated April 3, 1953 (herein "Murphy Agreement") between Murphy and the Trustees, as assignees, and subject to the other conditions herein, the Trustees agree to sell and the Company agrees to purchase the Property at a firm purchase price of Six Hundred Thousand Dollars (\$600,000).

2. Real estate taxes, rentals and assessments on the Property shall be pro-rated to the date of closing. Trustees will pay any conveyance fee on the conveyance of the Property.

3. The closing of the purchase and sale of the Property shall be held within 15 days of the occurrence of the condition precedent to both parties obligations specified in Section 4 below, unless both parties agree in writing to an extension. The closing will be at a time and place mutually acceptable to both parties.

4. Prior to closing, the Trustees will obtain a written release for itself, its successors and assigns of any obligations or duties to Murphy under Paragraph XX (relating to an option to Murphy to cause to be built a second story addition to that portion of the Property leased by Murphy) and Paragraph XXI (relating to a right of first refusal of Murphy to purchase its portion of the Property) of the Murphy Agreement. Trustees will advise Company in writing of the foregoing release and forward therewith the original of such release. In the event that a release of the foregoing obligations or duties to Murphy cannot be obtained within one hundred twenty (120) days of the date hereof, this Agreement shall terminate, provided that, at any time during such period, Company may, by written notice, waive all or any portion of this condition precedent.

SALES AGREEMENT (contd)

5. At closing, Trustees will:
 - (a) Convey to Company, or its nominee, by General Warranty Deed, fee simple title in and to the Property free and clear of all liens, encumbrances and charges whatsoever except such as may have been placed thereon by Company; current easements and restrictions of record; real estate taxes and assessments which are not then due and payable; and the following lease agreements of portions of the Property if existing on the date of closing; lease agreement effective December 1, 1979 between Jerry's Fabrics, Inc. and Ohio State University; lease agreement dated January 7, 1975 between East Broad Appliance Co., Inc. and Ohio State University, assignee; lease agreement dated June 1, 1978 between Mrs. James Johnson DBA Black Poodle Ceramics, assignee, and Ohio State University, assignee; lease agreement dated April 3, 1953 between Murphy and Ohio State University, assignee; and lease agreement that may be entered into with Helen Landon for the currently vacant premises known as the "Lerner Premises".
 - (b) Deliver to Company evidence of title showing in Trustees good and marketable title to the Property, in fee simple free and clear of all liens, encumbrances and charges except as set forth herein.
 - (c) Assign to the Company all of Trustees' right, title and interest in and to the leases hereinabove referred to in Sub-section 5(a) and deliver the security deposits for such leases and the records and documents in Trustees' possession which reflect the income and expenses related to same.
 - (d) Provide Company with a certified resolution(s) of Trustees authorizing the sale of the Property according to the terms hereof and authorizing the individual who signs this Agreement, the deed and other closing documents required hereunder to act on behalf of Trustees.
6. At closing, Company will pay the purchase price to Trustees.

SALES AGREEMENT (contd)

7. As of the date hereof, Trustees have a listing agreement with Chuck Warner and Associates, Inc. ("Warner") which listing agreement provides for a certain commission to be paid to such company in the event that the portion of the Premises known as the "Lerner Premises" is leased by the Trustees. Negotiations are currently underway with Helen Landon with respect to such lease. Should a lease agreement be executed between the Trustees and Mrs. Landon with respect to the "Lerner Premises" prior to closing, Trustees agree, prior to closing to pay or otherwise liquidate the commission due and owing Warner with respect to such lease and discharge any other obligations and liabilities under such agreement. On closing, Company will pay to the Trustees \$4,900 or the amount of commission paid to Warner under such agreement, whichever is lower.

8. Any lease of the Lerner Premises prior to closing must be approved in writing by Company.

9. Risk of loss will remain with the Trustees through closing.

10. Subject to Section 7, both parties represent and warrant to the other that no broker, agent or similar third party has been engaged by it with respect to the Property. This Section 10 shall survive closing.

11. Any notice required or desired to be given to any party shall be in writing and shall be deemed to be given when mailed by United States certified mail, postage pre-paid, as follows:

To Trustees:

Board of Trustees of The Ohio State University
910 Lincoln Tower
1800 Cannon Drive
Columbus, Ohio 43201

Attention: Treasurer

To Company:

Marion Power Shovel Division
Dresser Industries, Inc.
617 West Center Street
Marion, Ohio 43302

Attention: J. W. Williams, Controller

SALES AGREEMENT (contd)

Any party may from time to time change the address at which notices are to be mailed by giving the other party notice of such change.

12. All provisions hereof shall be binding upon, inure to the benefit of, and be enforceable by and against the respective successors and assigns of each party hereto.

IN WITNESS WHEREOF, the Trustees and Company have caused this Agreement to be executed by their duly authorized representatives as of the day and year first above written.

Signed and acknowledged in the presence of:

Board of Trustees of
The Ohio State University

By _____

Signed and acknowledged in the presence of:

Marion Power Shovel Division
Dresser Industries, Inc.

By _____

STATE OF OHIO,
COUNTY OF FRANKLIN, ss:

The foregoing instrument was acknowledged before me this _____ day of
1980 by _____ on behalf of the Board of Trustees
of The Ohio State University.

Notary Public

STATE OF OHIO,
COUNTY OF FRANKLIN, ss:

The foregoing instrument was acknowledged before me this _____ day of
1980, by John E. Rimbach, President of Marion Power Shovel Division, Dresser Industries,
Inc., a Delaware Corporation, on behalf of the corporation.

Notary Public

EXHIBIT A

Situated in the County of Marion, in the State of Ohio, and in the City of Marion, and bounded and described as follows:

Lots Nos. 7, 8, 9, 10, 11, 12 in Bennett and Fisher's Addition and Out-lot immediately adjacent to the West of these lots all of which is now known as the Central Junior High School Grounds located on the North side of West Center Street between Oak Street and Campbell Street and bounded and described as follows:

Beginning at an iron bar at the Southeast corner of said School lot, said bar being at the point of intersection of the North line of Center (82.5) foot Street and the West line of Oak (66 foot) Street; thence North on the West line of said Oak Street Four Hundred Thirty and Thirty-Two Hundredths (430.32) feet to an iron bar at the Northeast corner of said School lot, said iron bar being at the point where the South line of Mill Street produced West intersects the West line of said Oak Street; thence West on the North line of said School lot Three Hundred Twenty-One and Six Tenths (321.6) feet to an iron bar in the East line of Campbell (40 foot) Street, said iron bar being at the Northwest corner of said School lot; thence South on the East line of said Campbell Street, Four Hundred Twenty-Nine and Six Tenths (429.6) feet to an iron bar in the North line of said Center Street, said iron bar being at the Southwest corner of said School lot; thence East on the North line of said Center Street, Three Hundred Twenty-Six and Three Tenths (326.3) feet to the point of beginning and containing Three and Two Tenths (3.2) acres, more or less.

--O--

March 7, 1980 meeting, Board of Trustees

STUDENT HEALTH INSURANCE - RENEWAL

Resolution No. 80-93

Synopsis: Renewal of the Student Health Insurance program with Mutual of Omaha is recommended.

WHEREAS on March 3, 1978, this Board awarded a two-year contract to Mutual of Omaha (effective Autumn Quarter, 1978) and subsequently renegotiated and awarded on May 4, 1979 a one-year contract (effective Autumn Quarter, 1979) to provide Student Health Insurance; and

WHEREAS after consideration of the desires and concerns of the students who purchase this insurance, the Student Insurance Subcommittee has recommended--and the full Council on Student Affairs has ratified this recommendation--that the renegotiated contract provide additional benefits as follows:

- Include College of Dentistry students in the preventive medicine benefit
- Increase the surgical fee for removal of an impacted tooth from \$40 to \$50; each remaining tooth from \$20 to \$50; and for soft tissue impaction, each tooth from \$20 to \$30
- Include treatment for drug addiction and/or alcoholism
- Include emergency outpatient expense for nervous and mental disorders as now provided for other sicknesses
- Increase the daily semi-private hospital maximum room rate from \$90 to \$100
- Increase the obstetrical expense benefit for miscarriage (including legal abortion) from \$100 to \$150; for normal delivery from \$200 to \$300; and for Cesarean section from \$600 to \$900
- Improve maternity expense, birth coverage and crib coverage from a scheduled benefit to provide benefits as now provided for other sicknesses
- Increase the surgical schedule from \$800 to \$900

WHEREAS the coverage will be available on an optional basis to all registered students at the following premium schedule:

Classification	Quarterly Premium Rates
Student	\$ 38
Student and spouse	102
Student, spouse and all children	148
Student and dependent child or children	84

NOW THEREFORE

BE IT RESOLVED, That Mutual of Omaha be awarded the renegotiated Student Health Insurance contract effective the first day of classes, Autumn Quarter, 1980, for a period of

March 7, 1980 meeting, Board of Trustees

STUDENT HEALTH INSURANCE - RENEWAL (contd)

two years. The contract will provide the benefit improvements outlined above as well as those now available under the terms of the current contract.

Upon motion of Dr. Jacob, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--o--

**JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
HEALTH CARE GROUP INSURANCE POLICIES 58175-GTC
AND 58175-GTC-100**

Resolution No. 80-94

Synopsis: A new funding arrangement for the group health care insurance underwritten by the John Hancock Mutual Life Insurance Company is proposed.

WHEREAS the University presently insures certain health care benefits for all regular faculty/staff of the University and their eligible dependents under John Hancock group insurance policies 58175-GTC and 58175-GTC-100; and

WHEREAS John Hancock now has available a new underwriting and funding arrangement (commonly known as Minimum Premium Plan with Return of Reserves) which enables the University to: (a) minimize the money held by the insurance company in reserve; and (b) realize other improvements in the cash flow involved with providing health care benefits; and

WHEREAS the Minimum Premium Plan in no way affects the existing level of benefits or insurance guarantees for faculty and staff and their eligible dependents; and

WHEREAS the appropriate administrative offices of the University, and the benefit consulting firm of William M. Mercer, Incorporated, have reviewed the proposed underwriting and funding arrangement for the John Hancock health care coverage and have recommended it for adoption by the University:

NOW THEREFORE

BE IT RESOLVED, That effective March 1, 1980, the University implement the new underwriting and funding arrangement known as the Minimum Premium Plan with Return of Reserves for the health care insurance benefits underwritten by John Hancock Mutual Life Insurance Company under group policies 58175-GTC and 58175-GTC-100; and

BE IT FURTHER RESOLVED, That the President or other officer of the University designated by him be authorized to enter into and sign and attest on behalf of the University: (a) amendments to John Hancock policies 58175-GTC and 58175-GTC-100 which adopt the new underwriting and funding arrangement; and (b) any necessary banking arrangements,

March 7, 1980 meeting, Board of Trustees

**JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
HEALTH CARE GROUP INSURANCE POLICIES 58175-GTC
AND 58175-GTC-100 (contd)**

trust or other documents which need to be established to implement and operate the Minimum Premium Plan with Return of Reserves.

Upon motion of Mr. Havens, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**PRESENTATION OF HISTORICAL REPORT
*OSU CAMPUS BUILDINGS***

Resolution 80-95

President Enarson:

Under Reports, you do have in your books a formal resolution which expresses the gratitude of all of us, but most particularly of the Board of Trustees, to Dr. John Herrick, Executive Director Emeritus of the Office of Campus Planning and Space Utilization, for the incredible amount of work that he has done over a period of years in recording the history of Ohio State University's physical developments. The formal resolution is here and will be before you for action. Before I ask for the vote on that, I'd like to add my own words to those most eloquently set forth this morning by Bill Vandament. Incidentally, I hope--I'd like to ask that Dr. Vandament's introduction of John be included in the action or the minutes of this Board.

From time to time your President does have a certain frustration as he tries to explain to the waiting world what a University is all about and one is reminded constantly not only of how complex this University is, but how interdependent it is. It's fashionable to always talk about how the faculty is the heart and the core and the lifeblood, and indeed they are, but the faculty could not function in the absence of support staff. Incidentally, the word 'support' staff is about as tired and trite and undramatic and sorry way of describing the important work that people can do that one can imagine.

As an aside (before I say some more nice things about John), this University is doing something new and different in its next Commencement exercise on March 20. Don't ask me why we haven't thought of it before. I thought of it three years ago, but it took a little time to persuade my colleagues to do it. But at Commencement we will have, in addition to representatives of the faculty, representatives of all of the many office operations from all around the campus, all the people who make this place tick.

I am sorry that not everyone was here this morning to hear John Herrick's presentation but one could not listen to his presentation without being deeply moved at simply an enormous labor of love, John, that you've done. The volumes that you

March 7, 1980 meeting, Board of Trustees

PRESENTATION OF HISTORICAL REPORT
OSU CAMPUS BUILDINGS (contd)

President Enarson: (contd)

see over here are literally a treasure house of information. We have a record here that is illuminating in so many ways of the history of this institution, and I would say without fear of contradiction that this couldn't have been done without the aid, comfort and support of Mabel Herrick, this lovely lady who is sitting here with John. So it's with a very deep sense of gratitude, Mr. and Mrs. Herrick, that I formally present for action by this Board this resolution honoring you for the work you have done in behalf of this University.

Synopsis: OSU Campus Buildings by Executive Director Emeritus, Office of Campus Planning and Space Utilization, is presented for acceptance by the Board.

WHEREAS The Ohio State University is a valuable resource that has been created by the State of Ohio to provide educational, research, and public services to its citizens; and

WHEREAS the citizens of Ohio have made a great investment in the physical facilities of OSU; and

WHEREAS Dr. John Herrick, Executive Director Emeritus, Office of Campus Planning and Space Utilization, has generously donated his time and expertise to recording the history of OSU's physical development for the enlightenment of present and future generations of OSU students, staff, and supporters:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees accepts the Report--*OSU Campus Buildings*--prepared by Dr. John H. Herrick; and

BE IT FURTHER RESOLVED, That the Board commends Dr. Herrick for his significant work and expresses its appreciation for this contribution of lasting value to the University.

Upon motion of Dr. Jacob, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

In accordance with President Enarson's request, the following is a copy of Dr. William Vandament's introduction of Dr. Herrick at the Educational Affairs Committee meeting held Friday, March 7, 1980, at 10:00 a.m.

Dr. Vandament:

Dr. John Herrick is known to many of you. He is Executive Director of Campus Planning Emeritus and is with us today for the purpose of making a presentation and to tell us briefly about a major historical research project he has just completed.

March 7, 1980 meeting, Board of Trustees

**PRESENTATION OF HISTORICAL REPORT
OSU CAMPUS BUILDINGS (contd)**

Dr. Vandament: (contd)

Before he does that, I want to tell you just a bit about him. He is truly an unusual person from several standpoints.

He is unusual in his long association with this University extending back over 55 years--and that's half the life of Ohio State!

He first came to this campus in 1925 as a student. He holds three degrees from OSU. He continued his association as an alumnus. In 1947 he returned to the campus as a faculty member and remained in teaching or administrative roles until he retired in 1972.

From 1956 to 1967 he served as Executive Director of Campus Planning and was a member of the President's Cabinet. And it was during those years that he directed the development of the campus master plan which has guided this University through its decades of greatest growth.

Dr. Herrick is also unusual in his devotion to Ohio State as you will soon understand. What he has done is to research and write the history of every building that has ever existed on this University campus.

This monumental project spanned more than 10 years. It took an estimated 5,500 hours. It involved driving some 19,000 miles searching for information--all at his own expense. This has been a labor of love as well as a scholarly journey. It could not have been undertaken and successfully completed by anyone else.

And the result is a five-volume work to be presented to the Trustees today for permanent retention in the University Archives. Copies are also being made available to the Library and other appropriate offices.

Too often important stories in the life-history of a university go unrecorded and are lost forever. But thanks to Dr. Herrick, the physical history of this University has been expertly preserved. We are deeply grateful for the unique and lasting contribution he has made to the annals of Ohio State University.

I am pleased to present Dr. John Herrick and to invite him to tell you a bit about this project.

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BUDGET GUIDELINES FOR 1980-81

President Enarson:

The only other thing I would say is that the Fiscal Affairs Committee did listen with considerable patience to a presentation which we made this morning with

March 7, 1980 meeting, Board of Trustees

OSU BUDGET GUIDELINES FOR 1980-81 (contd)

President Enarson: (contd)

respect to our plans for compensation policy for the upcoming year and we will proceed to issue guidelines so that we can get the necessary work done and as we indicated this morning, of course we will be bringing to you in June as we always do the budget for the--the entire budget which will include, of course, all necessary action with respect to income requirements as well as expenditure requirements. I don't think I have anything else, Madam Chairman.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 80-96

RESOLVED, That the report on the University's Investment Portfolio, dated February 15, 1980, 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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APPOINTMENTS TO COMMITTEE/BOARD

Mrs. James announced the following appointments:

The Ohio State University Research Foundation Board
John D. Jacob
(through June 30, 1980)

Nominating Committee

D. James Hilliker, Chairman
John F. Havens
John D. Jacob

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ANNOUNCEMENT

Mrs. James announced the meeting of the National Conference on Trusteeship to be held in Washington, D. C., April 13-15, 1980.

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March 7, 1980 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, April 4, 1980, at The Ohio State University Newark Campus, Newark, Ohio, at 10:30 a.m.

Attest:

Madison H. Scott
Secretary

Patricia D. James
Chairman

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APPENDIX III

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

March 20, 1980



Commencement Speaker

Barbara Uehling became chancellor and professor of psychology at the University of Missouri-Columbia in 1978. In this capacity, she leads the largest campus of a four-campus system.

A graduate of Wichita State University who holds M.A. and Ph.D. degrees in experimental psychology from Northwestern University, Dr. Uehling came to Missouri from the University of Oklahoma, where she had served as provost since 1976. Prior to her tenure at Oklahoma, Dr. Uehling held positions as dean of arts and science at Illinois State University, academic dean of Roger Williams College in Rhode Island, and faculty member at Oglethorpe and Emory Universities in Georgia.

Dr. Uehling is past president and a member of the board of directors of the American Association for Higher Education. Recently she was chosen as one of six elected members of the board of directors for the American Council on Education. In 1978, *Change* magazine, a publication of the Council on Learning, acknowledged Dr. Uehling's leadership in education by naming her one of the "100 Young Leaders of the Academy."

Recipients of Honors

Serge Chermayeff Doctor of Humanities

During more than 50 years, the achievements of renowned architect and teacher Serge Chermayeff have earned the recognition and esteem of design professionals throughout the world. With steadfast concern for people and sensitivity to their surroundings, he developed principles of environmental design that reflect the needs of the individual as well as those of society. Today the front ranks of architecture and design are filled with those who have been touched by his work, eloquent testimony to the enduring influence of his distinguished career.

Barbara Uehling Doctor of Laws

From professor to dean to provost to chancellor, Barbara Uehling's rapid rise through the ranks of higher education testifies to her energy, determination, and competence. As head of the University of Missouri at Columbia, she is acknowledged as one of the nation's leading educators. Her keen grasp of the central mission of the university is coupled with the capacity to make difficult and unpopular decisions. Her selection as one of the "100 Young Leaders of the Academy" bespeaks the record and promise of excellence in education for which we honor her today.

Graduate School

Dean: Jules B. LaPidus

Doctor of Musical Arts

Edwina Patricia Hopkins, Monroe, La.; B.M. (University of Cincinnati); M.M. (Northeast Louisiana University); *Music*; *Dr. Sylvia Anne Zuremba*

Monica Johanna Umstaedt, Cleveland; B.A. (Baldwin-Wallace College); M.M.; *Music*; *Dr. Gordon J. Wilson*

Doctor of Philosophy

Salah Eldeen Elsadek Abdelaal, Cairo, Egypt; B.P.C., Diploma (Faculty of Applied Arts); *Education*; *Dr. I. Keith Tyler*

James Joseph Ahern, Jr., North Olmsted; B.A. (Roanoke College); M.A.; *History*; *Dr. John A. M. Rothney*

Mohammad Taghi Arbaban-Ghafouri, Tehran, Iran; B.S. (Pahlavi University); M.S. (Iowa State University); *Dairy Science*; *Dr. Thomas M. Ludwick*

Ronald David Bachman, Alexandria, Va.; A.B. (University of Nebraska); M.A.; *Slavic and East European Languages and Literatures*; *Dr. Kenneth E. Nagler*

Stephen Austin Barr, Westerville; B.S., M.S. (Wright State University); *Physical Education*; *Dr. Edward L. Fox*

Dallas Sanford Batten, Newark; B.A. (University of Richmond); M.A.; *Economics*; *Dr. Edward J. Ray*

Bruce Alan Berger, Cleveland; B.S., M.S.; *Pharmacy*; *Dr. T. Donald Rucker*

Charles Alvin Berry, Columbus; B.A. (California State College, Long Beach); M.A.; *Psychology*; *Dr. Lyle D. Schmidt*

Suzanne Taylor Berry, Columbus; B.S. (New Mexico State University); M.A. (California State College, Long Beach); *Home Economics*; *Dr. Jean D. Dieckerscheid*

Jose Valdeci Biserra, Fortaleza, Brazil; Diploma of Engineer Agronomo (Universidade Federal do Ceara, Fortaleza); M.S.; (Universidade de Sao Paulo, Peraciacaba); *Agricultural Economics and Rural Sociology*; *Dr. Francis E. Walker*

Robert Len Boucher, Columbus; B.S. (Mankato State College); M.S. (Illinois State University); *Physical Education*; *Dr. Barbara A. Nelson*

Stuart Ira Bretschneider, Columbus; B.A. (Allegheny College); M.P.A., M.A.; *Public Administration*; *Dr. Robert Carbone*

Joseph Henry Bylinski, Columbus; B.A. (College of the Holy Cross); M.B.A. (Northeastern University); *Accounting*; *Dr. John K. Shank*

Orest Cap, Montreal, Canada; Teaching Certificate (Ecole Normale Ville Marie); M.Ed. (Rutgers University); *Education*; *Dr. Aaron J. Miller*

David Harlan Chenoweth, Huntington, Ind.; B.S., M.A. (Ball State University); *Health (Physical) Education*; *Dr. Robert Kaplan*

Joshua Chorowsky, Columbus; Dip. Heb. Tea, B. Rel. Ed. (Yeshiva University); M.A. (Columbia University); *Education*; *Dr. Philip L. Smith*

Paula Kunkel Compton, Zanesville; B.S. (Miami University); M.A.; *Education*; *Dr. Louie H. Wagstaff*

Candace Robin Cotton, North Bellmore, N. Y.; B.A. (State University of New York, Buffalo); M.A.; *Psychology*; *Dr. Malcolm M. Helper*

Michael Rudolf Czinkota, Columbus; Vordiplom (Universitat Erlangen); M.B.A.; *Business Administration*; *Dr. Bernard J. LaLonde*

Kenneth Robert Demarest, Easton, Pa.; B.S. (John Brown University); M.S.; *Electrical Engineering*; *Dr. John G. Meadors*

William James Dixon, Warren, Pa.; A.B. (Bucknell University); M.A.; *Political Science*; *Dr. Charles F. Hermann*

Nancy Jane Dorman, Canton; B.S. (Bowling Green State University); *Physiological Chemistry*; *Dr. Rao V. Pangannamala*

Michael Alan Duffy, Westerville; B.S.M.E. (Tufts University); M.S. (Massachusetts Institute of Technology); M.S. (Northeastern University); *Industrial and Systems Engineering*; *Dr. Gordon M. Clark*

Alan Dunlap Edgar, Columbus; B.A. (Ohio Wesleyan University); *Physiological Chemistry*; *Dr. Lloyd A. Horvack*

Yoshimi Egawa, Tokyo, Japan; B.S. (Tokyo University); M.S.; *Mathematics*; *Dr. Koichiro Harada*

Kamil Eren, Istanbul, Turkey; B.D., Higher Engineer (State Academy Engineering and Architecture, Istanbul); *Geodetic Science*; *Dr. Richard H. Rapp*

Carolyn Mary Evans, New Hartford, N. Y.; B.S. Com. M.S. (State University of New York, Albany); *Education*; *Dr. William D. Dowling*

Daryl Liebert Faustini, Columbus; B.A., M.S. (California State College); *Entomology*; *Dr. Charles A. Triplehorn*

Jan David Feder, Columbus; B.S.E.P.; *Physics*; *Dr. David O. Edwards*

Suguru Furuichi, Tokyo, Japan; B.A. (Waseda University); M.P.E. (Juntendo University); *Physical Education*; *Dr. Robert L. Bartels and Dr. Donald D. Harper*

Satish Yashwant Gabhe, Nagpur, India; B.Pharm., M.Pharm. (Nagpur University); *Pharmacy*; *Dr. Neil J. Lewis*

Gerald Arthur Gochenour, Springfield; B.S., M.A.; *Education*; *Dr. John C. Belland*

Aravamudan Srinivasa Gopalan, Hyderabad, India; B.S., M.S. (University of Madras); *Chemistry*; *Dr. Philip D. Magnus*

Kenneth Alan Gordon, Morris, Minn.; B.S.Ed. (Kent State University); A.M. (University of Michigan); *Romance Languages and Literatures*; *Dr. Charles G. S. Williams*

Milford Bennett Green, Columbus; B.A., M.A.; *Geography*; *Dr. R. Keith Semple*

Ronald Milton Grosh, Cedarville; B.A. (Cedarville College); M.A.T. (Kent State University); *English*; *Dr. Thomas M. Woodson*

John George Gutting, Cincinnati; B.S., M.A. (Xavier University); M.S. (University of Cincinnati); *Theatre*; *Dr. Donald R. Glancy*

Conly L. Hansen, Columbus; B.S., M.E. (Utah State University); *Agricultural Engineering*; *Dr. Richard K. White*

Karen Lois Haswell, Louisville, Ky.; B.S. (Central College of Kentucky); M.A.; *Psychology*; *Dr. Charles Wenar*

Beth Marie Henschen, Bowling Green; B.A. (Ashland College); M.A.; *Political Science*; *Dr. Lawrence A. Bann*

Larry Wayne Hertel, Celina; B.S. (Manchester College); M.S. (Central Michigan University); *Chemistry*; *Dr. Leo A. Paquette*

Linda Cook Hickman, Palo Alto, Calif.; A.B., A.M. (Stanford University); *Education*; *Dr. Donald P. Sanders*

John Roger Hinton, Westerville; B.S. (East Stroudsburg State College); M.A.; *Education*; *Dr. Harold C. Trumble*

Virginia Harris Holsinger, Philadelphia, Pa.; B.S. (College of William and Mary); *Food Science and Nutrition*; *Dr. Paul M. T. Hansen*

George Charter Jackson, Plymouth, Mich.; B.S., M.B.A. (Michigan State University); *Business Administration*; *Dr. Bernard J. LaLonde*

Dalia Regina Kavalunas, Cleveland; B.S. (Notre Dame College); M.S.; *Pharmacy*; *Dr. Sylvan G. Frank*

Mary Eleanor Keyes, Columbus; B.A., M.A. (University of Western Ontario); *Physical Education*; *Dr. Bruce L. Bennett*

Jaе Won Kim, Seoul, Korea; B.A. (Sogang Jesuit College); *Economics*; *Dr. Edward J. Ray*

Louis Earl King, Groveport; B.S. (Illinois College); M.S.; *Developmental Biology*; *Dr. Thomas J. Byers*

Olatunde Kosoko, Lagos, Nigeria; B.S. (Oakland University); M.B.A. (University of California, Los Angeles); M.Sc. (University of Tennessee); *Agricultural Education*; *Dr. J. Robert Warmbrod*

- Stan Charles Kwasny, Hammond, Ind.; B.S., M.A.T., M.S. (Indiana University); M.S., *Computer and Information Science*; Dr. H. William Buttlemann and Dr. Norman K. Sondheimer
- John Scott Langrehr, Columbus; B.Sc., Dip. in Ed. (University of Adelaide); *Education*; Dr. Jack R. Frymier
- Clayton John Larson, Columbus; B.S. (Michigan Technological Institute); M.S.; *Electrical Engineering*; Dr. Benedikt A. Munk
- Linda Thoms Levstik, Columbus; B.S. (Capital University); M.A.; *Education*; Dr. Raymond H. Muessig
- Arne Ludvigsen, Boulder, Colo.; B.F.A., A.M. (University of Northern Colorado); *Art Education*; Dr. Ross A. Norris
- James Joseph Mager, Shadyside; B.I.E., M.S.; *Industrial and Systems Engineering*; Dr. Walter C. Giffen
- Brian Manhire, Athens; B.E.E., M.S.; *Electrical Engineering*; Dr. Stephen A. Sebo
- Vernon Amos Mast, Columbus; B.S. (Eastern Mennonite College); M.S. (University of Pennsylvania); *Civil Engineering*; Dr. Charles A. Moore
- Margaret Glover Mauter, Dayton; B.S.Ed. (Miami University); M.Ed. (University of Toledo); *Education*; Dr. Herman J. Peters
- Mary Katherine McClain, Kent; B.S. (Lincoln College); M.S.; *Home Economics*; Dr. Fern E. Hunt
- Moir Dixie McCluney, Waverly, Ia.; B.A. (Montclair State College); M.A.; *Romance Languages and Literatures*; Dr. Pierre A. Astier
- Raymond Charles McNeil, Columbus; B.S. (University of Illinois); *Astronomy*; Dr. Arne E. Stettbak
- Linda Sue Medlen, McMinnville, Tenn.; B.S. (Middle Tennessee State University); M.S. (University of Tennessee); *Home Economics*; Dr. Lois E. Dickey
- Hormoz Mehrdad, Tehran, Iran; B.A. (University of Tehran); M.A. (Michigan State University); *Political Science*; Dr. R. William Liddle
- Paul Russell Menard, Worcester, Mass.; B.S. (Worcester Polytechnic Institute); *Chemistry*; Dr. Harold Shechter
- Judas Tadeu Grassi Mendes, Curitiba, Brazil; Engineer (Federal University of Parana); Grad. (Federal University of Rio Grande dosul); *Agricultural Economics and Rural Sociology*; Dr. Donald W. Larson
- Robert Murray, Pittsburgh, Pa.; B.S., M.Ed. (Slippery Rock State College); *Physical Education*; Dr. Donald K. Matheus
- Shirley Mei-King Ng, Hong Kong; B.S. (University of Connecticut); *Pharmacy*; Dr. Sylvan G. Frank
- Charles George Novak, Springfield; B.A., M.Ed. (Miami University); *Education*; Dr. Thomas M. Stephens
- Luisa Lang Owen, Yellow Springs; B.S., M.Ed. (Wright State University); *Art Education*; Dr. Ross A. Norris
- Hokoon Park, Seoul, Korea; B.S. (Seoul National University); M.S. (University of Illinois); *Chemistry*; Dr. Leo A. Paquette
- Geoffrey William Parkinson, Adelaide, South Australia; B.A., Dip. in Ed. (University of Adelaide); M.Ed. (University of New England); *Education*; Dr. Luvern L. Cunningham
- Jimmy Jay Payton, Westerville; B.S. (Otterbein College); M.A.; *Education*; Dr. John J. Kennedy
- David Michael Pozar, Pittsburgh, Pa.; B.S., M.S. (University of Akron); *Electrical Engineering*; Dr. Carlton H. Walter
- David Ronen, Haifa, Israel; B.Sc., M.Sc. (Technion Israel Institute of Technology); *Business Administration*; Dr. Bernard J. LaLonde
- Brooke Allen Saladin, Athens, Ga.; B.S.B.A.; M.B.A. (Bowling Green State University); *Business Administration*; Dr. Leroy J. Krajeski
- Robert Charles Saunders, Huntington, W. Va.; B.S. (Brooklyn College); M.A.; *Physical Education*; Dr. Charles L. Mand
- Carl Stephen Scheneman, Columbus; B.S., M.S. (University of Missouri); *Agricultural Education*; Dr. Robert W. McCormick
- Ashok K. Sharma, Chandigarh, India; B.S., M.S. (Punjab University); *Chemistry*; Dr. Leo A. Paquette
- Suliman Yousef Shwaeib, Tobruk, Libya; B.S. (Ohio University); M.A.; *Education*; Dr. I. Keith Tyler
- Florine Ann Stemm, Normal, Ill.; B.S.H.E. (Purdue University); M.S. (University of Minnesota); *Home Economics*; Dr. Lois E. Dickey
- Peter Andon Stoycheff, Columbus; B.A. (Ohio Wesleyan University); M.S., M.S. (Florida State University); *Education*; Dr. Desmond L. Cook
- Yanpyng Teng, Taipei, Taiwan; B.S.E. (National Cheng Kung University); M.S.; *Computer and Information Science*; Dr. Ming T. Liu
- Michael Lawrence Thompson, Peoria, Ill.; B.S. (University of Illinois); *Agronomy*; Dr. Neil E. Smeck
- Pamela Ann Toy-Manning, Columbus; B.S., M.S. (Wright State University); *Pharmacology*; Dr. Daniel Court
- Elizabeth Owen Tucker, Palos Verdes Estates, Calif.; B.S. (California State Polytechnic College); M.S.; *Home Economics*; Dr. Virginia M. Vivian
- George Joseph Vranekovic, Parsons, Kans.; A.B. (University of Miami); M.A.; *Psychology*; Dr. Henry Leland
- Regina Marie Weilbacher, Columbus; B.S.Ed. (Ohio University); M.A.; *Education*; Dr. C. Ray Williams and Dr. Jacqueline Herkowitz
- Alfred Reinhold Weiss, Edmonton, Canada; B.S. (University of Alberta); M.S.; *Mathematics*; Dr. Hans J. Zassenhaus
- Patricia Elizabeth White, Westover, Md.; B.A. (University of Maryland); M.A.; *Sociology*; Dr. Clyde W. Franklin, II
- Egerton Whittle, St. College, Pa.; A.B. (Indiana State Teachers College); M.A. (Indiana State University); *Physiology*; Dr. Margaret T. Nishikawara and Dr. C. H. Hendrich
- Neil A. Wilner, Flushing, N. Y.; B.A. (Queens College); M.A.; *Accounting*; Dr. Thomas J. Burns
- Thomas James Zenisek, Columbus; B.S.; M.B.A.; *Business Administration*; Dr. Orlando C. Behling

Master of Accounting

Shu-Jen Chan, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); M.S.; *Accounting*

James McCoy Melick, Jr., Roseville; B.A.; *Accounting*

Bruce L. Richman, Natick, Mass.; B.S. (North Adams State College); *Accounting*

Oranuj Soongswang, Bangkok, Thailand; B.Acct., M.Acct. (Chulalongkorn University); *Accounting*

Master of Applied Statistics

Marisa del Carmen Mulero, Santurce, P. R.; B.S. (University of Puerto Rico); *Statistics*

Master of Architecture

Ghulam M. Behlim, Bombay, India; B.Arch. (Indian Institute of Technology); *Architecture*

Rei-Lin Hsu, Taiwan, R.O.C.; B.E. (College of Chinese Culture); *Architecture*

Yuji Yasuda, Nakatsu, Ohita, Japan; B.A. (Musashino Art University); *Architecture*

Master of Arts

Linda L. Ammons, Cleveland; B.A. (Oakwood College); *Communication*

Charlene Freeman Arthur, Mansfield; B.S.Ed. (Muskingum College); B.S.Ed.; *Education*

Estus Alan Autrey, Nederland, Tex.; B.A. (Baylor University); *History*

Laura Josephine Bailey, Columbus; B.S.Ed.; *Education*

- Ronald Anthony Barbur, Portland, Ore.; B.A. (University of Portland); B.A. (Oregon State University); *Photography and Cinema*
- Velma Shaw Beale, Millersport; B.S.; *Art Education*
- Thomas Paul Blosser, Columbiana; B.A. (Mt. Vernon Nazarene College); *Music*
- Kevin Neal Bott; B.S.; *Business Administration*
- Timothy A. Bourdess; B.A. (University of Pittsburgh at Johnstown); *Public Administration*
- Rebecca Jane Boyd, Bluefield, W. Va.; B.S. (Bluefield State College); *Education*
- Elaine Harris Bradley, Hollansburg; B.S. (Miami University); *Education*
- Charles Allen Browning, Loudonville; B.S.Ed.; *Physical Education*
- Lola Elinde Campbell, Kingston, Jamaica; B.A. (University of the West Indies); Diploma (University of Reading); *Education*
- Mary Christina Canty, Versailles, Ky.; B.A. (University of Kentucky); *Psychology*
- Karen Rose Carney, Columbus; B.M. (Baldwin-Wallace College); *Music*
- Doris L. Cavin, Columbus; B.S. (Case Western Reserve University); *Education*
- Meredith Ann Charles, Upper Arlington; B.M.E.; *Music*
- Hsiufang Pu Cheng, Taipei, Taiwan, R.O.C.; B.A. (Tunghai University); *Music*
- Yue-Hong Chou, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); *Geography*
- Gay Lynn Clymer, Columbus; B.S.; *Public Administration*
- Susan L. C. Coleman, Los Alamos, N. Mex.; B.A. (Scripps College); *Slavic Languages and Literatures*
- Linda S. Condrin, Columbus; B.S.Ed.; *Education*
- Julia Elaine Cotton, Columbus; B.A. (Heidelberg College); *German*
- Donna Karen Crossman, Springfield; B.A. (Wittenberg University); M.A. (Cleveland State University); *Sociology*
- Linda A. Crouch, Granville; B.A. (Ohio University); *Music*
- Iris Virginia de la Motte, Worthington; B.A.; *History*
- India Rae Dennis, Oak Harbor; B.M.Ed. (Wittenberg University); *Music*
- Patricia M. Driggs, Columbus; B.S.Ed.; *Education*
- William David Duran, Columbus; B.S.Bus.Adm.; *Economics*
- Ronald R. Eckert, Lexington; B.A. (Kent State University); *Education*
- David Byron Elder, Worthington; B.A. (Miami University); *Public Administration*
- Nancy J. Everett, Warren; B.A. (Kent State University); *Public Administration*
- James A. Fidelibus, Port Chester, N. Y.; B.A. (Don Bosco College); *Education*
- Ruth Ann Bell Field, Upper Sandusky; B.S.Ed.; *Education*
- Stephen Alton Fowlkes, Durham, N. C.; B.S. (Duke University); *Psychology*
- James M. French, Columbus; B.S. (Kent State University); *Public Administration*
- Betty L. Friedman, Palo Alto, Cal.; B.A. (State University of New York at Buffalo); *English*
- Kim Dian Gainer, East Greenwich, R. I.; B.A. (Rhode Island College); *English*
- Janet Welton Gamertsfelder, Columbus; A.A. (Mt. Vernon Nazarene College); B.S. (Ohio Dominican College); *Education*
- Geoffrey George Gibbs, Columbus; B.A. (Western Australia Institute of Technology); *Education*
- Douglas Jay Gilbert, Bronx, New York, N. Y.; B.A. (State University of New York at Buffalo); M.A. (Central Michigan University); *Education*
- Joan M. Gordon, Lancaster; B.S. (Capital University); *Communication*
- Sarah Lynn Greeger, Columbus; B.A. (Wittenberg University); M.S. (Miami University); *Education*
- Marcia Priess Guddemi, Mansfield; B.S.Ed.; *Education*
- Scott David Haskins, Marion; B.A.; *Communication*
- Karen McCullough Higgins, Mansfield; B.S. (Miami University); *Education*
- Esther A. Hirsch, Columbus; B.S.Ed.; *Education*
- Mary Ann F. Isles, Columbus; B.S.Ed. (Otterbein College); *Education*
- Marianne Jacobs, Columbus; B.S. (Indiana University); *Education*
- Alyce Mary Jacoby, Columbus; A.A. (Immaculata Junior College); B.S. (University of Pittsburgh); *Education*
- George Terrell Jordan, Columbus; B.A. (Anderson College); *Public Administration*
- Elsie Joseph, Gahanna; B.S.; *Education*
- Denise Carol Kennelly, San Mateo, Cal.; A.B. (University of California at Santa Cruz); *Psychology*
- Lisa Davies Kingsley, Columbus; B.A. (Michigan State University); *Education*
- Philip A. Koppel, Girard; B.A. (Mount Union College); *Education*
- David M. Krakoff, Toledo; B.A.; *Political Science*
- Nancy Ellen Kuper, Columbus; B.S.Ed.; *Education*
- Sally A. Lee, Columbus; B.S.; *Education*
- Judith Weaver Lewis, Gary, Ind.; B.A. (Saint Mary-of-the-Woods College); *Education*
- Marilyn S. Linkous, Westerville; B.S.Ed. (Otterbein College); *Education*
- Marcia G. Lover, Delaware; B.S.Ed. (Kent State University); *Education*
- Thomas Arnold Mann, Worthington; B.S. (Miami University); *Education*
- Stephen Aaron Marcus, Woodmere, N. Y.; B.S. (Union College); *Psychology*
- Elizabeth B. Marlor, Columbus; B.S.; *Education*
- Nellie Elizabeth Smith Martin, Columbus; B.S. (Anderson College); *Public Administration*
- Lois Giles Maughmer, Chillicothe; B.S.; *Education*
- Barbara S. McClanahan, Ashland, Ky.; B.A. (University of Kentucky); *Education*
- Kathleen E. McGuire, Upper Sandusky; B.S.Ed.; *Education*
- William Jeffrey McKibben, Columbus; B.A.; *History of Art*
- Phyllis Jean Shelby McQueen, Louisville, Ky.; B.S.Ed. (University of Akron); *Education*
- Judith Schwartz Mellman, Columbus; B.S.Ed.; *Public Administration*
- Lynn S. Miller, Columbus; B.S. in Ed. (Bowling Green State University); *Education*
- John W. Milligan, Pittsburgh, Pa.; B.A. (Wittenberg University); *Journalism*
- Janet H. Minor, Columbus; B.A.; *Public Administration*
- Eva Elek Molnar, Ashland; B.A. (Ashland College); *Romance Languages and Literatures*
- Ronald B. Morgan, Columbus; B.A. (Michigan State University); *Psychology*
- R. Julia Morris, Sunbury; B.S.Ed. (Otterbein College); *Education*
- Robin Carol Morris, Ridgewood, N. J.; B.A. (Wittenberg University); *Public Administration*
- Barbara Ann Murphy, Hubbard; B.M. (Youngstown State University); *Music*
- Mary Patricia Murphy, Findlay; B.A. (Saint Mary's College); *History*
- Patricia Arlene Murray, Westerville; B.S.Ed. (Indiana State University); *Education*
- Lai-Ying Susanna Ng, Hong Kong; B.A. (State University of New York at Stony Brook); *Education*
- Kevin John Nilan, St. Paul, Minn.; B.A. (University of Minnesota); *Psychology*
- Wendy Ann Nobile, Morristown, N. J.; B.A. (Rutgers College); *Public Administration*

- Gertrude Monica Nowak, Columbus; B.A. (John Carroll University); *Public Administration*
- Ifeoma Azuka Nwankwo, Lagos, Nigeria; B.S. (San Diego State University); *Black Studies*
- Klaus K. Obermeier, Landshut, West Germany; Zwischenprüfung (Universität Regensburg); M.A. (University of Kansas); *Linguistics*
- Kathleen Marie O'Connor, Columbus; A.B. (Ohio Dominican College); *Public Administration*
- Salvatore Panarello, Columbus; B.A. (Don Bosco College); *Education*
- Christine Conley Pappas, Columbus; B.A. (Gettysburg College); *Education*
- Robert S. Pfahler, Galion; B.S.Nat.Res.; *Physical Education*
- Gary Wayne Piggwer, Rutland, Vt.; B.A. (Saint John Fisher College); *Psychology*
- Bertina M. Povenmire, Columbus; B.A., B.S.Ed.; *English*
- Dianna Joyce Queener, Grove City; B.S.Ed.; *Education*
- Terry Gage Quin, Columbus; B.A. (Mary Baldwin College); *Education*
- Deborah R. Raita, Cincinnati; A.B. (Ohio University); *Public Administration*
- Charles C. Reinhart, Strongsville; B.A.; *Physical Education*
- Mary Suzanne Retterer, Marysville; B.S.; *Physical Education*
- Robert Joseph Rich, Ashtabula; B.S.Ed. (Kent State University); *Physical Education*
- Anne R. Robbins, Columbus; A.B. (University of Michigan); *Education*
- Blanca Y. Gil de Rodriguez, Caracas, Venezuela; Licentiate in Education (Central University of Venezuela); *Education*
- Barbara Ann Rudy, Columbus; B.S.Ed.; *Education*
- Miriam Kathleen Ruff, Lancaster; B.S.Ed.; *Education*
- Cynthia Romano Sawyer, Orono, Me.; B.A. (University of Maine); *Education*
- Patricia O'Grady Schmitt, Waverly; B.S.Nurs.; *Education*
- Mary Florence Schumacher, Indianapolis, Ind.; B.S. (Indiana Central University); *Music*
- Carol G. Sellman, Greenville; B.S. (Bowling Green State University); *Education*
- Marjory Cort Seltzer, Columbus; B.A. (University of Michigan); *Education*
- Jean Underwood Sherer, Columbus; B.S.Ed.; *Education*
- Patricia W. Sherman, Columbus; B.S.; *Education*
- Marion Rebecca Simmons, Columbus; B.A.; *Education*
- Jeanne Kathleen Slack, Piqua; B.S.Ed.; *Education*
- Beth Ann Hulka Smith, Canton; B.S. (Kent State University); *Education*
- Elaine M. Smith, Johnstown, N. Y.; B.A. (Alfred University); *Psychology*
- John Q. Smith, Columbus; A.A., B.A. (Mt. Vernon Nazarene College); *History*
- Wendy Joy Smotroff, New York City, N. Y.; B.A. (State University of New York at Buffalo); *Communication*
- Lester E. Spratley, Newport News, Va.; B.A. (Dartmouth College); *Public Administration*
- Mark Evan Springer, Groveport; B.A.; *Education*
- Carl Lynn Stapler, Homestead, Fla.; A.A. (Miami-Dade Junior College); B.S. (Florida International University); *Public Administration*
- Robert F. Stephens, Chicago, Ill.; B.S. (Illinois State University); *Political Science*
- Patricia Lawless Stout, Kokoma, Ind.; B.S. (Ball State University); *Education*
- Phyllis Straight, Barberton; A.B. (Ohio University); *Public Administration*
- Richard Stuart Straw, Marion; B.A.; *English*
- Deborah Hummel Thomas, Westerville; B.S.; *Education*
- Derrick G. S. Thorp, Salisbury, England; B.A. (Oxford University); *Philosophy*
- Brenda Kay Toler, Zanesville; B.S.; *Education*
- Nancy Elena van Deusen, Columbus; B.A. (Kent State University); *History*
- Mark Peter Weidemaier, Columbus; B.A. (Union University); *Physical Education*
- Stephen P. Widlak, Cleveland; B.A. (Camius College); *Political Science*
- William K. Willis, Jr., Columbus; B.A.; *Public Administration*
- Deborah M. Wood, Columbus; B.S.Ed.; *Education*
- Penny M. Worcester, Columbus; B.A.; *Public Administration*
- Susan E. Wright, Columbus; B.S. (University of Pittsburgh); *Public Administration*
- Parvaneh Ansari Aminzadeh, Tehran, Iran; B.A. (Pars College); *Business Administration*
- John Schuyler Arnold, III, Circleville; B.S. (Purdue University); *Business Administration*
- Ivan V. Beggs, Canton; B.S. (Worcester Polytechnic Institute); M.Div. (Lutheran Theological Seminary); M.S.; *Business Administration*
- Patrick Ming Chu, Hong Kong; B.S. (Southern Illinois University); M.S.; *Business Administration*
- Jeffrey Alan Cunix, Youngstown; B.S.Bus.Ad.; *Business Administration*
- Frances Dimmie Curtis, Palmyra, Va.; B.S. (Virginia State College); *Business Administration*
- Cynthia G. Davis, Columbus; B.S.; *Business Administration*
- Molly J. Dorsey, Columbus; B.A.; *Business Administration*
- Patricia A. Farwig, Fostoria; B.S.; *Business Administration*
- James Roland Gaines, Jr., Columbus; B.A. (University of Toledo); *Business Administration*
- Mark H. Griffin, Westerville; B.I.A. (General Motors Institute); *Business Administration*
- Alvin Clifford Hailstorks, Washington, D. C.; B.S. (Bowie State College); *Business Administration*
- Yahaya B. Hashim, Langkawi, Malaysia; Diploma (Agricultural University of Malaysia); B.S. (Louisiana State University and A. & M. College); *Business Administration*
- Daniel L. Hohenbrink, Kalida; B.S. (Bowling Green State University); *Business Administration*
- Christopher E. Hostettler, Columbus; B.S.Bus.Ad.; *Business Administration*
- Nancy Hough, Janesville, Wis.; B.A. (Brown University); *Business Administration*
- Thomas J. Kalman, Youngstown; B.E. (Youngstown State University); M.S. (Ohio University); *Business Administration*
- Glenn Hamilton Kell, Warren; B.A. (Kent State University); M.A.; *Business Administration*
- Gary Roger Kitsmiller, Blacklick; B.S.Bus.Ad.; *Business Administration*
- Bradford John Kordic, Columbus; B.A. (University of Louisville); *Business Administration*
- Thomas J. LaHue, Salem; B.A.; *Business Administration*
- Cynthia Lee, Hong Kong; B.A., M.A.; *Business Administration*
- Stephen M. Lundregan, Middletown, Md.; B.A.; *Business Administration*

Master of Business Administration

- Judith E. Abarbanel, New York, N. Y.; B.A. (University of California at Los Angeles); *Business Administration*
- Gh. Hossein Aminzadeh, Tehran, Iran; B.A. (Pars College); *Business Administration*

Mark Douglas Mansfield, Columbus;
B.S.Bus.Adm.; *Business Administration*

David William Meyers, Columbus; B.A.
(Miami University); *Business
Administration*

Daniel B. Mulholland, Easton, Pa.;
B.S. (Lehigh University); *Business
Administration*

Yoichi Oato, Tokyo, Japan; B.A. (Seikai
University); *Business Administration*

Dean Bradley Rinehart, Gallipolis;
B.S.Bus.Adm.; *Business Administration*

Charles R. Schilling, North Canton; B.S.
(Rose-Hulman Institute of Technology);
Business Administration

Timothy A. Short, Archbold;
B.S.; *Business Administration*

Dorothy L. Sidor, Scranton, Pa.; A.B.
(Syracuse University); A.M. (Indiana
University); *Business Administration*

Ronald G. Tonjes, Pickerington;
B.S.E.E. (Purdue University);
Business Administration

Cesare Peter Turrin, Schenectady, N. Y.;
B.I.A. (General Motors Institute);
Business Administration

Edward C. Vessels, Byesville;
B.S. (Bowling Green State University);
Business Administration

James E. Walls, Arlington, Va.;
B.S. (Livingstone College);
Business Administration

Mary Iskra Weber, Columbus; B.A.
(Wellesley College); M.A.; *Business
Administration*

Edward L. Wristen, Springfield;
B.I.E. (General Motors Institute);
Business Administration

Master of City and Regional Planning

Nelson Chia-Chi Ho, Taipei, Taiwan,
R.O.C.; B.Laws (National Cheng-Chi
University); M.A. (Wichita State
University); *City and Regional Planning*

Alireza Rabhani-Esfahani, Iran; B.S.
(College of Planning and Computer
Application); *City and Regional Planning*

Thomas Allen Schock, Columbus; B.S.
(Miami University); *City and Regional
Planning*

Master of Fine Arts

Kathie Anne Van Winkle Clark, Norman,
Okla.; B.F.A. (University of Oklahoma);
Theatre

Kevin Scott Regan, Bexley; B.A. (Morehead
State University); *Art*

Julie Karen Siegel, West Hempstead, N. Y.;
B.F.A. (Alfred University); *Art*

Master of Labor and Human Resources

Julian Paul Sanchez, Albuquerque, N. Mex.;
B.A. (University of New Mexico);
Labor and Human Resources

Master of Music

Carol Wilkinson Notestine, Columbus;
B.Mus.Ed.; *Music*

James Lawrence Turk, Columbus;
B.Mus.; *Music*

Master of Public Administration

Carol A. Bartholomew, Columbus; B.A.;
Public Administration

Kay Fukuda, Waipahu, Hawaii;
B.A.; *Public Administration*

Louis Alan Isakoff, Cleveland Heights;
A.B. (Miami University); *Public
Administration*

Susan Kay Seibel, Columbus;
B.A.; *Public Administration*

Master of Science

Zakaria Bin Abd-Rahman, Malaysia;
Diploma (College of Agriculture/
Malaysia); B.S. (Louisiana State
University and A. & M. College);
Agricultural Education

Nabil Mohammed Abu-Jbara, Gaza, Israel;
B.S. (University of Mississippi); *Electrical
Engineering*

Seokyo Ahn, Seoul, Korea; B.S. (Seoul
National University); *Industrial and
Systems Engineering*

Joseph Abayomi Ajayi-Majebi, Iyayoye,
Nigeria; B.S. (University of Lagos);
Civil Engineering

John Alan Aldrich, Lagrange; B.S.;
Civil Engineering

Ali Badei Ali, Khartoum, Sudan; Diploma
(Khartoum Polytechnic Institute); B.S.
(Northeast London Polytechnic Institute);
Geodetic Science

Mohammad Reza Amini-Kharrazi, Torbat-
Haydarieh, Iran; B.E. (Youngstown State
University); *Nuclear Engineering*

Larry C. Ault, Lexington;
B.S.; *Agricultural Education*

Revathi Balakrishnan, Thanjavur, India;
B.Sc., M.Sc. (University of Madras);
Home Economics

Kamran Barin, Tabriz, Iran; B.S. (Arya-
Mehr University of Technology);
Electrical Engineering

William Charles Bartholomew, Toledo;
B.S.; *Natural Resources*

Linda Marie Basham, Medina; B.S. (Kent
State University); *Plant Pathology*

Nancy M. Betts, Beaver Falls, Pa.; B.A.
(Pennsylvania State University); *Home
Economics*

David Robert Bolser, Florissant, Mo.;
B.S.; *Welding Engineering*

Robert Lee Booth, Jr., Tiffin; B.S.;
Medical Microbiology

Deborah Lynn Boudreau, Hawthorne, N. J.;
B.S. (Rutgers University-Cook College);
Food Science and Nutrition

Thomas K. Bowersock, Kenton; B.S.;
Computer and Information Science

Michael Scott Bridgman, Kettering;
B.A. (Otterbein College); M.S.;
Industrial and Systems Engineering

Martha Louise Johnson Brinkman,
Columbus; B.S. (Bowling Green State
University); *Home Economics*

Douglas Allen Brown, Columbus; B.S.;
Computer and Information Science

Janet Marie Brown, Blissfield, Mich.;
B.S. in Med.Tech. (Michigan Technological
University); *Allied Medical Professions*

Mark Edward Brown, Brunswick, Ga.;
B.S. (University of Georgia); *Computer
and Information Science*

Mark Olson Brown, Columbus; B.A.
(Wittenberg University); *Zoology*

Linda Beth Cain, Circleville; B.S. (West
Virginia University); *Nursing*

Benjamin Fuyun Chen, Columbus; B.E.
(Taiwan Provincial College of Marine and
Oceanic Technology); M.S. (University of
Texas); *Metallurgical Engineering*

Lois Konicki Chenard, New Britain, Conn.;
B.A. (Central Connecticut State
University); *Chemistry*

Wiguo Chiou, Taiwan, R.O.C.; B.S. in
Agriculture (National Taiwan University);
Mechanical Engineering

James Norman Chmura, Columbus; B.A.
(Thiel College); *Food Science and
Nutrition*

Hsin-Hhien Chung, Taiwan, R.O.C.;
B.S.E.E. (Tatung Institute of Technology);
Electrical Engineering

Robert Charles Cochran, Columbus;
Animal Science

Earl Edwin Conaway, Jr., Columbus;
B.S. (Bowling Green State University);
Plant Pathology

Kevin David Cummings, Columbus; B.S.;
Physics

Robert Donald Dahlhausen, Parma; B.S.;
Animal Science

Thomas John Daniels, West Orange, N. J.;
B.S. (Seton Hall University); *Zoology*

Norma K. Dansby, Akron; B.S.;
Allied Medical Professions

Daryl E. David, Syracuse, N. Y.;
B.S.Agr.; *Agricultural Education*

Douglas W. David, Cleveland;
B.S.Agr.; *Animal Science*

- Steven Alan Davidson, Fairborn; B.S.E.E. (Illinois Institute of Technology); M.B.A. (University of Illinois); *Electrical Engineering*
- Mary Alice Desiderio, Columbus; B.S. (Florida State University); *Physiology*
- Arvind Inacio D'Souza, Bombay, India; B.S., M.S. (University of Bombay); *Physics*
- Kathleen Marie Dwyer, Monroeville, Pa.; B.A. (Ohio Dominican College); *Allied Medical Professions*
- Pamela Kay Eckstein, New Washington; B.S.Nurs.; *Home Economics*
- Hassan Elgassier, Misurata, Libya; B.S. (University of Tripoli); *Agronomy*
- Ali Ahmad Mohamad Elian, Amman, Jordan; B.Sc. (American University at Cairo); *Civil Engineering*
- Dennis Lee Elliott, Columbus; B.S. (Muskingum College); *Agricultural Education*
- Errol Keith English, Monroe, N. C.; B.S.E.E. (North Carolina State University); *Electrical Engineering*
- Thomas Alan Gentry, Springfield; B.S.M.E.; *Mechanical Engineering*
- Gianfranco Gerosa, Barranquilla, Colombia; B.E.E. (Georgia Institute of Technology); *Electrical Engineering*
- Bruce Stuart Gillies, Rochester, N. Y.; B.A. (Ithaca College); *Chemistry*
- Michael John Glorioso, Amherst; B.S.; *Entomology*
- Man-Yeki Goh, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); *Mathematics*
- Stuart Lee Greenberger, Columbus; B.S., M.S.; *Civil Engineering*
- Michael Lee Grilliot, Troy; B.S. (Muskingum College); *Anatomy*
- Danny R. Grooms, West Union; B.S. (Wilmington College); *Agricultural Education*
- Robert Mikhael Hadaya, Beirut, Lebanon; B.S. (University of Dayton); *Electrical Engineering*
- Jeffrey J. Haidet, Alliance; B.S. (Case Western Reserve University); *Computer and Information Science*
- Christopher James Hamann, Monona, Ia.; B.B.A. (University of Iowa); *Computer and Information Science*
- Joseph Heywood Harrison, Mt. Vernon; B.S.; *Dairy Science*
- Thomas Joseph Harrison, Columbus; B.S.; *Plant Pathology*
- Arlyn Judson Heinrichs, Swan Lake, N. Y.; B.S. (Cornell University); *Dairy Science*
- Lee Webb Henderson, Columbus; B.S.; *Electrical Engineering*
- John Joseph Henry, Columbus; B.S.; *Natural Resources*
- Thomas William Hobbs, Kokomo, Ind.; B.S. (University of Miami); *Plant Pathology*
- Susan Marie Hodges, Columbus; B.S. in Nursing (University of Kentucky); *Nursing*
- Kathy Lynn Hohenbrink, Kalida; B.S. (Bowling Green State University); *Home Economics*
- Landa Hoke, Louisville, Ky.; B.S., M.S. (Wright State University); *Physics*
- Ching-Chao Huang, Tainan, Taiwan, R.O.C.; B.S. in Engr. (National Taiwan University); *Electrical Engineering*
- Douglas Kent Hutchinson, Indianapolis, Ind.; B.S. (Rose-Hulman Institute of Technology); *Chemistry*
- Yul J. Inn, San Mateo, Cal.; B.S. (University of California at Riverside); *Mathematics*
- Lynn Beth Jacobson, Marion; B.S. (Florida International University); *Home Economics*
- Vinod Kanwal, Columbus; B.S. (University of Delhi); M.S. (Kurukshetra University); M.S.; *Computer and Information Science*
- James N. Karuru, Ndathi Village, Kenya; B.S. (University of Nairobi); *Civil Engineering*
- Abdollah Katbab, Shiraz, Iran; B.S. (Pahlavi University); *Electrical Engineering*
- Marc Kirschenbaum, South Euclid; B.A. (University of Cincinnati); M.S.; *Computer and Information Science*
- Myungsook Klassen, Seoul, Korea; B.S. (Sogang University); M.S. (Kansas State University); *Computer and Information Science*
- Robert Raymond Koehler, Brodheadsville, Pa.; B.S. (Moravian College); *Metallurgical Engineering*
- Dah-Yang Kuan, Taiwan, R.O.C.; B.S. (National Central University); M.A. (University of South Florida); *Computer and Information Science*
- Betty A. Kulich, Orient; B.S.H.E.; *Home Economics*
- Thomas Rein Laaman, Buffalo, N. Y.; B.S. (Cornell University); *Food Science and Nutrition*
- Dale Lawrence Laux, Upper Arlington; B.S. (Heidelberg College); *Developmental Biology*
- Mark G. Lewis, Columbus; B.A. (Ohio Wesleyan University); *Microbiology*
- Michael Jay Lichtensteiger, Ohio City; B.S.; *Agricultural Engineering*
- Der Chia Lin, Taipei, Taiwan, R.O.C.; B.E.D. (National Taiwan Normal University); M.S. (University of Illinois); *Engineering Mechanics*
- Shou-Ming Liu, Taipei, Taiwan, R.O.C.; B.S. (Taipei Medical College); *Preventive Medicine*
- David William Loeb, Columbus; B.A. (Kenyon College); *Chemistry*
- Carole P. London, New York City, N. Y.; B.S. (Simmons College); *Home Economics*
- Molly Longstreth, Columbus; B.S. (Ohio University); *Home Economics*
- Catherine Sue Lustgarten, Chesterton, Ind.; D.V.M. (Purdue University); *Veterinary Clinical Sciences*
- Pamela Jean Mack, Edinboro, Pa.; B.S. (Indiana University of Pennsylvania); *Home Economics*
- Sharon J. Manning, Galion; B.S. (Ohio University); *Home Economics*
- Elizabethann Marshdoyle, Staten Island, N. Y.; B.A. (Marist College); *Natural Resources*
- Mary F. Martin, Mt. Gilead; B.S.; *Agricultural Education*
- Steven Anthony Martin, Beaver creek; B.S.M.E.; *Mechanical Engineering*
- Lawrence Harry Matt, Pepper Pike; B.A. (Miami University); M.S. (Case Western Reserve University); *Pharmacology*
- Peter Wilbur Maurath, Springfield, Ill.; B.A. (Southern Illinois University); *Computer and Information Science*
- Laurence Paul Mayer, Columbus; B.S.; *Zoology*
- Mary Josephine McElroy, Columbus; B.S.N. (Kent State University); *Nursing*
- David G. McLaine, Tipp City; B.S.E.E. (University of Texas at Arlington); *Electrical Engineering*
- Daniel G. McLean, Southport, Ind.; B.A. (Olivet Nazarene College); *Physics*
- Diane Meisman, New Richmond; B.S. (Edgecliff College); *Home Economics*
- Hrushikesh Narhar Haskar, Nagpur, India; B.Sc. (Nagpur University); M.Sc. (Indian Institute of Technology); M.S.; *Computer and Information Science*
- Elizabeth Ann Moulton, Orono, Me.; B.S.; *Animal Science*
- Dawood S. Muhammad, Khartoum, The Sudan; Diploma (Khartoum Polytechnic Institute); B.S.C. (Northeast London Polytechnic Institute); *Geodetic Science*
- David Arthur Nelson, Columbus; B.S.E. (Duke University); *Biomedical Engineering*
- Eric Bronson Nelson, Troy; B.A. (Indiana University); *Plant Pathology*
- Richard Gerard Nelson, Staten Island, New York, N. Y.; B.S. (Clarkson College of Technology); *Civil Engineering*
- Cherie Olsen, Salt Lake City, Ut.; B.S.; *Zoology*
- Ruth M. Paine, Beallsville; A.B. (Muskingum College); *Agricultural Education*
- Patrice T. Pelton, Reynoldsburg; B.S. (Purdue University); *Home Economics*

- Michael Harold Peters, Dayton; B.S.Ch.E. (University of Dayton); *Chemical Engineering*
- Joseph Petrarca, Jr., Girard; B.E. (Youngstown State University); *Chemical Engineering*
- Robert L. Platt, Freehold, N. J.; B.A. (Rutgers College); *Computer and Information Science*
- Susan R. Raftery, Norwalk; B.A.; *Agricultural Economics and Rural Sociology*
- Budi Rahardjo, Yogyakarta, Indonesia; "Insinyur" (Universitas Gadjsh Mada); *Agricultural Engineering*
- Robert Dale Reid, Youngstown; B.A.; *Allied Medical Professions*
- Ralph Clifton Rhye, Rockingham, N. C.; B.S. (United States Air Force Academy); *Civil Engineering*
- Terry Lee Ricer, Beallsville; B.S.C.E.; *Civil Engineering*
- Robert J. Risner, Sylvania; B.S.; *Microbiology*
- David L. Roer, Mountandale, N. Y.; B.S. (State University of New York at Binghamton); *Genetics*
- Vickie L. Rogers, Columbus; B.S. (Indiana University); *Allied Medical Professions*
- Abu Bakar Bin Salleh, Tanjong Karang, Malaysia; Diploma (Universiti Pertanian); B.S. (Louisiana State University); *Entomology*
- Judith Delane Salley, Orangeburg, S. C.; B.S. (South Carolina State College); *Zoology*
- Douglas Grant Sanderson, Tooele, Ut.; B.A. (University of Utah); *Chemistry*
- Semur P. Sathi, Erode, India; B.E. (University of Mysore); *Welding Engineering*
- Mark Richard Schrote, Marion; B.S.E.E.; *Electrical Engineering*
- Joseph Rene Scoresby, Idaho Falls, Id.; B.S. (Brigham Young University); *Agronomy*
- Pankaj P. Shah, Bombay, India; B.S. (Bombay University); *Chemical Engineering*
- LakshmiPati Sharma, New Delhi, India; B.E. (College of Military Engineering); *Geodetic Science*
- Ko-Jen Shih, Taipei, Taiwan, R.O.C.; B.S. (National Chiao Tung University); M.B.A. (University of Georgia); *Computer and Information Science*
- Phyllis Elizabeth Pound Singer, Columbus; B.S. (Michigan State University); *Mathematics*
- Peter Charles Siska, Independence; B.S.W.E.; *Welding Engineering*
- Mark G. Smith, Huntington, W. Va.; B.S. (Marshall University); *Food Science and Nutrition*
- Robert Tallmadge Smith, Zanesville; B.S.E.E. (University of Cincinnati); *Electrical Engineering*
- *Richard Fields Stafford, Maumee; B.S.E.E.; *Bio-Medical Engineering*
* Posthumously
- Terry Lee Stamper, Mansfield; B.S.; *Agricultural Engineering*
- Douglas R. Stinson, Guelph, Ontario, Canada; B.S. (University of Waterloo); *Mathematics*
- James Frank Stosic, North Canton; B.S.E.E. (University of Cincinnati); *Electrical Engineering*
- Charles LeFevre Strickland, New Hartford, N. Y.; B.S. (State University College at Geneseo); *Agronomy*
- Fu Sheng Sun, Taichung, Taiwan, R.O.C.; B.S. (Chung Cheng Institute of Technology); *Geodetic Science*
- Syed Hussein B. Syed Abdullah, Johor Bahru, Johor, West Malaysia; Diploma (University of Agriculture in Malaysia); B.S. (Louisiana State University); *Poultry Science*
- Yoothapol Tangthongkul, Bangkok, Thailand; Bach. of Eng. (Chulalongkorn University); *Electrical Engineering*
- Chang-Yung T. Tung, Taipei, Taiwan, R.O.C.; B.S. (National Central University); M.S.; *Computer and Information Science*
- Brenda Cook Uhl, St. Paris; B.S.; *Home Economics*
- Jeffrey Scott Warren, West Lafayette; A.B. (Miami University); *Microbiology*
- Michael David Whitacre, Xenia; B.S., D.V.M.; *Veterinary Clinical Sciences*
- Jeffrey Douglas White, Worthington; B.S.M.E.; *Nuclear Engineering*
- Dennis R. Williams, Louisville, Tenn.; B.S.C.E. (University of Tennessee); *Civil Engineering*
- Laura Sue Williams, West Union, W. Va.; B.S.N. (West Virginia University); *Nursing*
- James Orr Wolk, Columbus; B.S. in Agr. (University of Missouri); *Horticulture*
- Michael Charles Worthy, Salem, N. H.; B.S.C.E.; *Civil Engineering*
- Edward J. Wright, Homer, N. Y.; B.S. (State University College of Forestry at Syracuse University); *Geodetic Science*
- Salmah Bt Yusof, Malaysia; Diploma (College of Agriculture); *Horticulture*
- Francois M. Zayek, Lebanon; B.S. (University of Dayton); *Electrical Engineering*

Colleges of the Arts and Sciences

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Diether H. Haenicke

Vice Provost for the Arts and Sciences:
Thomas A. Wilke

The Colleges of the Arts and Sciences,
a federation of five colleges, include:

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

Hassan-Ali Afshar Bakeshloo, Columbus
Diana Kay Denman, Worthington
John Michael Fries, Cincinnati
Nan Kapernaros, Worthington
David Raoul LaChance, Galion
Curtis Conrad Retter, Columbus
Eugene Edward Salvatori, Cleveland
Patricia C. Sanderson, Columbus

Bachelor of Fine Arts

Gregory Kent Ackers, Columbus
Michael Erwin Baker, Cleveland
Richard Charles Beck, Columbus, B.S.Ed.
Leslie Lannette Becker, Stone Mountain, Ga.
Cheryl Ann Cavlovic, Hudson
Dan Chafetz, Columbus
Colin Sue Charles, Columbus, B.A.E.
Darlene Sue Cobb, Columbus
Paul Franklin Crum, Newark
Diane Carol Debevec, Novelty
Robert William Frampton, Columbus
Steven Scott Lowe, Columbus
Kurt Michael Lowry, Columbus
Dwaine Louis MacDonald, Cridersville
Elena Citlali Parres-McMillen,
Mexico City, Mexico
Susan Chandler Spalding, Columbus

Bachelor of Music

Michael Allen McReynolds,
Webster Groves, Mo.

Bachelor of Art Education¹

LuAnne Crouch, Granville
Mary Alice Ford, Washington C. H.
Pamela Sue Willett, Columbus
Lawrence Jon Wolkan, Alliance

Bachelor of Music Education¹

Carole Cassell Lewis, Hilliard
Walter Dean Sampson, Dublin

Bachelor of Science in Audio Recording

William George Sotos, Columbus

Bachelor of Science in Industrial Design

James Stephen Hughes, Columbus, B.A.
Janice Lee Millikan, Columbus

College of Biological Sciences

Dean: Patrick R. Dugan

Bachelor of Science

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Kenneth Ross Bartlett, Streetsboro
Timothy M. Bartish, Painesville
Douglas S. Beil, Youngstown
Valerie Elaine Bell, Columbus
Gregory Burch Benner, Columbus
Gregory Alan Blythe, Delphos
Paul Tway Brown, Sugar Grove
Lee Byerly, Carroll
Ann C. Collinger, Columbus
John Frederick Cooper, Columbus
R. Michael Crone, Circleville
Beth Jodi Diamond, Mayfield Heights
Charles R. Doarn, Jr., Toledo
William Roscoe Dorsey, Franklin
Gregory Thomas Droba, Warren
June Clarice Engle, Columbus
Edward Feierman, Lyndhurst
Kennard Chandler Ford, Twinsburg
Bruce Furukawa, Parma
Elizabeth Ann Gecowets, Westerville
Heasam Adnan Halasa, Akron
Russell Wayne Harcha, Jr., Columbus
Kathryn Louise Hettel, Oberlin
Timothy Glenn Hiltbrunner, Columbus
Teresa K. Huff, Columbus
Harold Dennis Jewett, Van Wert
Jeffrey Lynn Kearfott, London
Mary Teresa Kinney, Ironton
Richard Robert Kosydar, Columbus
William F. Krumbholz, Dayton
Darold Robert Lance, Jr., Columbus
Marc Elliot Ludwick, Columbus
Gregory Wayne Miller, Lexington
John Thomas Minot, Delaware
Susan Elizabeth Mosely, Cuyahoga Falls
Michael Lawrence Mucenski,
Syracuse, N. Y.
Michael Joseph Murray, Columbus
Joseph Timothy Newsome, Youngstown
James Cecil Phillips, Plain City
Charles Riley Rauck, Grove City
Audrey Ann Rush, Granville
Ralph Craig Saunders, Akron
Patricia A. Scanlon, Newark
Thomas William Snyder, Willoughby
John T. Stropki, Cambridge

Edward Michael Toth, Columbus
Derek Brett Wagner, Euclid
Allan Wentt, Jr., Columbus
Karen Ann Winters, Columbus
John J. Wukie, Columbus

College of Humanities

Dean: Diether H. Haenicke

Bachelor of Arts

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Ellen Ursula Berry, Columbus
Carla Schuler Bowlin, New York, N. Y.
Thomas Allen Brethauer, Columbus
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Charles William Bunstine, Columbus
Mica Durand, Brooklyn, N. Y.
Toby Ross Eleff, Beachwood
Marilyn S. Fought, Fostoria
Philip Paul Geiger, Norwalk
Karen Lee Gilbert, Columbus
Karen Sue Noland Giles, Marion
Larry C. Greathouse, Columbus
Becky L. Hartman, Toledo
Jean Marie Hellwege, Dublin
Terence Lee Hollern, Columbus
Jay Scott Hollinger, Huntington, W. Va.
Nan P. Isenberg, Dayton
Betheny Kip Jones, Gahanna
Valencia Kaye Jones, Milwaukee, Wis.
Paula Manheim, Cherry Hill, N. J.
Bradley Mercer Maple, Columbus
Deborah Sue Marks, Columbus
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James Clayton Montgomery, Columbus
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Carol Ann Neuman, Galion
Darlene Newsome, Cleveland
Granville Curtis Norton, Columbus
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Cynthia Ann Raines, Columbus
Maria Esther Rivera, Dublin
Arthur Kevin Russell, Pittsburgh, Pa.
Melinda Beth Segal, Columbus
Lynn Marie Sherwood, Lima
Karen Elaine Shields, Columbus
Andrew T. Small, Columbus
Teresa Rose Stojkov, Cleveland
Diana Trapp, Gahanna

College of Mathematical and Physical Sciences

Dean: Colin B. B. Bull

Bachelor of Arts

Brett R. Basinger, Marion
Jeffrey Alan Lee, North Olmsted
Ving C. Lee, Columbus
Jerry Floren Stults, Ostrander

¹ Offered jointly by the College of the Arts
and the College of Education

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Kim M. Edington, Marion
David Joseph Ehlen, Columbus
Christopher Robert Fiora, Middletown
Richard C. Guimond, Jonesboro, Tenn.
Emiro Ramon Irausquin,
Los Taques, Falcun, Venezuela
Marcy Jo Klayko, Columbus
Jennifer Nell Klopstein, Worthington
Kevin Mark Kochl, Carroll
Bruce Russell McDonald, Columbus
Frederick Roy Myers, Columbus
E. Martina Petrarca, Columbus
Alan Jay Resnik, Novelty
Brent Richard Smith, Circleville
Diane Lindner Steacy, Columbus
Henry Tang, Columbus
Lora Lynn Williams, Columbus

Luther Ronald Jones, III, Toledo
Scott Chester Kaye, Brecksville
Lisa Anne Kehrler, Columbus
Richard Todd Kemme, Cincinnati
John Kico, Columbus
Philip Allen Kramer, Stamford, Conn.
Marie L. Kulawik, Papillion, Neb.
Thomas Edmund Lakin, Columbus
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Michelle Guay Little, Mansfield
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Richard Carl McQuown, Warren
William Charles Mechling, Galion
Laura Jean Mikut, Strongsville
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Mark Peterson Murphy, Columbus
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Mark Allen Neely, Worthington
Laurann Wickiser Neer, Columbus
Robert Frederick Niccum, Euclid
Heather Lois Nicholson, Columbus
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Susan Beth Pearlman, Beachwood
Sarah Jean Peper, Napoleon
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Michael Wesley Suman, Sandusky
Rhett David Thurman, Bedford, Mass.
Doris Helena Toland, Columbus
Rebecca Anne Unger, West Alexandria
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Scott William Walton, Columbus
Mary Helen Weideman, Columbus
Robert Patrick Wheelersburg, McDermott
Robin Lee Wielm, Columbus
Lulesa M. Williams, Columbus
Patricia Ann Williams, Xenia
Audrey Joyce Young, Columbus
Caryl Lynn Young, Worthington
Gary Michael Ziegler, New Philadelphia

Janilee Beth Wheaton, Columbus
Glenn Stephen Wingate, Cincinnati

Bachelor of Arts in Journalism

Cynthia Jane Acker, Gettysburg
Rose Marie Allerding, Columbus
Teresa Ann Bradford, Columbus
Susan Kelly Brown, Gahanna
Susan Ann Chace, Mason
Debra Lynn Cummings, Columbus
Michael Joseph Doody, Columbus
Timothy John Doulin, Columbus
Susan Louise Ettl, Toledo
Martin Bennett Friedman, Beachwood
Robert L. Griffin, Columbus
Gerhard Rolf Gross, Sandusky
Brenda Suzanne Hinkle, Columbus
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Binghamton, N. Y.
Robert C. Innes, Vermillion
Kathleen Ann Kelly, Columbus
Cecilia Rose Tankovich Longenbaker,
Columbus
Karen Marie Massie, Xenia
Sharon Kay Miller, Wooster
Robert Arthur Nash, III, North Olmsted
Jodie B. Shagrin, Youngstown
Elin Victoria Silveus, Columbus
Douglas Allen Smetzer, Perrysville
Karen Sue Smith, Columbus
Jeffrey Lee Sparks, Columbus
Rudy Darnell Spivery, Cleveland
Alan Craig Stone, Middletown
Mary Frances Taugher, Toledo
Robert Neal Webner, Columbus
James Scott Willis, Columbus
Frederick James Yates, Jr., Columbus

College of Social and Behavioral Sciences

Dean: S. Earl Brown

Bachelor of Arts

Ljubica Acevski, Mansfield
Peter Christian Alexander, Urbana
Susan D. Antkiewicz, Akron
Theodore Gill Barnes, Worthington
Mark J. Basford, Columbus
Stephen C. Benedict, Pataskala
Samuel R. Broomall, Columbus
Richard Fraizer Broughton, Columbus
Donna Sue Brown, Coshocton
James Ernest Brown, Dayton
Melinda Faith Childers, Dayton
Denise S. Christman, Ashland
Maureen Ann Conley, Mansfield
Pamela Jean Conrad, Columbus
Leslie Anne Crump, Lorain
Huey Calvin Cunningham, Columbus
Michael Carter Deakins, Whitehall
Peter Arthur DeMott, Columbus
Michael Pat D'Innocente, Lorain
Mary Payne Donato, Columbus
Tomi Lynn Dorris, Greenville
Herman William Dowdy, Jr., Columbus
Quinton Royal Dressel, Wapakoneta
Katherine Herrick Eason, Columbus
Nancy Rae Esler, Glenshaw, Pa.
Rose Ellen Faeges, Cleveland Heights
Kirk Mitchell Fitch, Columbus
Monica Joan Ford, Columbus
Rhonda Joy Ford, Xenia
David A. Gandy, Cleveland
Matthew Richard Gauwerke, Coshocton
Joseph J. Goldmeier, Columbus
Rebecca P. Gracin, Binghamton, N. Y.
Joshua W. Greenberg, Columbus
Melita A. Hairston, Columbus
Karen Maria Hansen, Columbus
Betty Jane Hatcher, Columbus
Julie Clare Heifner, Columbus
Kay M. Heinz, Columbus
Barbara Ann Herum, Columbus
Kirby Joe Hidy, Jeffersonville
Bradley Edward Hoffman, Columbus
Richard William Hoffman, Beachwood
David Ian Horwitz, South Euclid
Christopher Bennett Jones, Columbus

Bachelor of Science

Rose Irene Chu, Shrewsbury, Mass.
Lynn Eisenstein, Lyndhurst
David Ray Givens, New Carlisle
Roger Alan Gilcrease, New Carlisle
Lawrence Paul McCroanor, Warren
Gregory Roy Nickell, Akron
Wesley McCall Nida, Marietta
Raymond Andrew Noe, Warren
Lynn Merrill Rainier, Sharon, Pa.
Thomas Edward Reese, Baltimore, Md.
Renae Marie Roberts, Shelby
Julia Sayre Schrand, Cincinnati
Steven Snyder Schwartz, Columbus
Wendy Ann Somsak, North Royalton
Joseph Nelson Steele, Pleasant Hill, Calif.
Julie Ann Watkins, Sylvania
Keith Mitchell Weiner, Columbus
James L. West, Portsmouth

College of Administrative Science

Dean: H. Justin Davidson

Bachelor of Science in Business Administration

Olan Gene Adams, Beaver
Aykut Avni Akdag, Fort Wayne, Ind.
Timothy David Albert, Tiffin
Kwame Nana Ampofo, Ghana
Todd Anthony Andrews, Dayton
Marcia Lynn Baker, Middleburg Heights
Donald Francis Barrett, Millersport
Connie L. Becker, Columbus
David Arthur Bell, Norton
Charles Dominic Bertini, Kettering
John Howard Bieltz, Columbus
Frederick James Boyle, Columbus
Michael Francis Brett, Ravenna
Michael Lynn Britt, Lima
Lawrence John Brogan, Louisville
Richard Allen Bryant, Westerville
David Gail Burget, Delphos
Randall Phillip Cain, Cincinnati
Bruce Ramsey Campbell, Columbus
Paul Cole Carroll, Columbus
Kei-ng Chan, Hong Kong
Arnold Thomas Chonko, Athens
Stacey Lee Clarke, Columbus

Ronald Dean Coate, West Milton
 Aaron Thomas Coleman, Columbus
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 Robert Arnold Daines, Columbus
 Michael Rocco D'Anniballe, Steubenville
 Theodore Edward Dastoli, Youngstown
 Kathy Denise Detty, Canal Winchester
 Annette Beatrice Dreussi, Canton
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 David Michael Eckhardt, Middletown
 James Michael Entinger, Steubenville
 Thomas Richard Fairgrieve, Trenton
 Gloria Ann Ferguson, Columbus
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 Paul G. Fischer, Rochester, N. Y.
 Mary Fisher, Port Clinton
 Rebecca Flinn, Littleton, Colo.
 William Bonnie Flint, Columbus
 Gregory Leon Fogle, Zanesville
 Melanie Jane France, Columbus
 Valerie Ann Gallera, Columbus
 Michael Joseph Gallick, Columbus
 Jeffrey Edward Gallo, Lyndhurst
 Cathy Ann Garriss, Huron
 Daniel Edward Gavala, Middleburg Heights
 Donald Gibson, Jr., Worthington
 Lynn Beth Goldstone, Youngstown
 Michael Edward Gomez, North Ridgeville
 Robert A. Gould, Columbus
 Russell A. Greenberg, Brooklyn, N. Y.
 John Michael Gulliver, Marietta
 George Henninger Gumbert, Columbus
 Michael Joseph Hannon, Columbus
 Stephen Richard Harris, Columbus
 James Edward Hart, Springfield
 Richard Eugene Haycock, Columbus
 Linda Louise Hellwege, Bellefontaine
 James Maxwell Hensley, Lima
 Tonya Rae Hill, Dublin
 Pamela Sue Hoyt, Shaker Heights
 Peggy Ann Hunt, Canfield
 Michael Steven Hurwitch, Euclid
 Martin Ralph Inkrott, Leipsic
 David F. Jamis, Wichita, Kans.
 Andy Jarachovic, North Olmstead
 Charles Reed Johnson, Columbus
 Elizabeth Ann Johnson, Dover
 Stephen Lewis Jones, West Liberty
 Eric Rudolf Jonke, Fayetteville, N. C.
 James Lan Jordan, Lima
 David Peter Kasper, Reynoldsburg
 Michael Edward Kennedy, Columbus
 Don Allan Klayman, Columbus
 James Michael Knoch, Wapakoneta
 Timothy Jon Koder, Toledo
 Kurt Louis Kohler, Blackwood, N. J.
 David Alan Kuhn, Niles
 Gerald Patrick Lane, Columbus
 Scott Perry Levison, Beachwood
 Kurt Loren, Westerville
 David Richard Lowrie, Strongsville
 Douglas Raymond Malcolm, Canton
 Darlene Ann Manley, Gahanna
 Yvonne Martin, Williamsburg
 James V. Matoszka, Shadyside
 Michael Anthony Mayo, Columbus
 Catherine Mary McCrorie, Columbus
 Jenny Sue McDaniel, Cincinnati
 Regina R. McDonald, Cleveland
 Pamela Rose McMillen, Seabrook, Tex.
 Andrew Melnyk, Parma
 D. W. Miles, Jr., Columbus
 David Paul Miller, North Canton
 James Christopher Miller, Newark
 Jerry Wayne Miller, Mayfield Heights
 Lee K. Miller, Wooster
 Steven Russell Miller, Heath
 Shahriar Mirhosseini, Columbus
 Robert Alan Morris, Parma

William Stanley Morrison, Lakewood
 Katherine Nett Murphy, Columbus
 Richard W. Murray, Cincinnati
 Michael David Nauman, Lancaster
 Carol Louise Nelson, Huron
 Mbanefo Brian Ojibe, Enugu, Nigeria
 John William Orban, Macedonia
 John Albert Owens, Newark
 Michael Steven Nicholas Pachan, Rocky River
 Clare Marie Paquelet, Louisville
 Don Russell Parkhill, Coshocton
 Nancy Laverne Peebles, Middletown
 Michael G. Petukasaus, Cleveland
 Joel Anthony Picciacchio, Brewster
 Randy Jay Poling, Van Wert
 Mark Herschel Ranft, Columbus
 Paul Andre Redd, Warrensville Heights
 John Lehr Repke, Cincinnati
 Jeffrey Richard Ritter, Columbus
 Barbara L. Robbins, Youngstown
 Rebecca Lyn Robinson, Columbus
 Roger William Schneider, Mt. Sterling
 Scott Ross Schoepfer, Chardon
 Thomas Kevin Sheehan, Toledo
 Ardaman Bhagwant Singh, Euclid
 Diane Louise Skebo, Johnstown
 Paul Frank Smith, Dover
 William Justin Snively, Bellaire
 Cecil Alan Snow, Newark
 Drew Christopher Solomonides, Columbus
 Korby Lee Spielberger, Columbus
 Jeffrey Samir Sugheir, Toledo
 Stephen W. Tharp, Worthington
 Stephen Peter Thomas, Seven Hills
 David James Thompson, Canton
 William C. Ticknor, Centerville
 Steven R. Trail, Columbus
 Gerald Lee Tripp, Gahanna
 Russell George Turner, Cincinnati
 Thomas J. Ubbing, Columbus
 Ann Marie Vallo, Columbus
 Kenneth Martin Wade, Columbus
 Dennis Waina, Mentor
 Deborah Jeanne Walter, Northfield
 Steven Edgar Walters, Columbus
 Karen Christine Whalen, Columbus
 Dale Leroy Whims, Pickerington
 Kenneth Bruce Wilson, Akron
 Timothy Frederick Windholtz, Atlanta, Ga.
 Dana Lynn Wisecarver, Columbus
 David Paul Woeste, Centerville
 Charles Scott Worman, Columbus
 Regina Lee Wright, Columbus
 Cheryl L. Zeller, Columbus

Bachelor of Science in Labor and Human Resources

Rosalind Drum, Columbus
 Mary Elizabeth Pardee, Columbus
 Joseph William Simone, North Ridgeville

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

Sharon Jean Ackley, Nevada
 Robert Michael Altmeyer, Kittinganng, Pa.
 William Samuel Altmiller, Westerville
 Edison Ramon Avila, Columbus

Jonathan Balyeat, Van Wert
 Robert John Barco, Medina
 Timothy Lee Bonar, Farmdale
 Kathryn Ann Bosworth, Strongsville
 Rebecca Jean Broeske, Bellville
 George William Broughton, Marietta
 Mark Alfred Brown, Granville
 John Welles Brumfield, Northfield
 Thomas Mark Brumfield, Columbus
 Clarence John Carpenter, Grove City
 Robert Charles Cochran, Wooster
 Roger Eugene Coffman, Marietta
 Harry Henkel Crosby, Staunton, Va.
 Paul Matson Cross, Racine
 Donald Gilbert Crum, Canton
 Keith Allen Deuling, Cincinnati
 James T. Dodge, Monroe, Mich.
 Scott Bradford Doggett, Columbus
 Michael Dean Duff, Washington C. H.
 Robert Paul Egbert, Columbus
 Glen Edward Ellison, Mansfield
 Michael James Estock, Louisville
 Rise Mey Friday, Columbus
 James Robert Gable, New Lexington
 Bonnie Kay Garwood, Collins
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 Frederic Jay Gurr, Marion
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 Dean Martin Hill, Columbus
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 Steven Lynn Jenkins, St. Paris
 Carol Jaye Jordan, Columbus
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 Larenne Kelly, New London
 Daniel Edward Kirk, Adena
 William Earl Knox, Mt. Healthy
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 Chris Douglas Kroon Van Diest, Columbus
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 Jack Anthony Lemmermen, Tiffin
 James Donald Long, Bucyrus
 Marcus Edward Lower, Mt. Sterling
 Larry Frederick Maassel, Malinta
 Sandra Adelen Maclin, Toledo
 Gary Edmund Maguire, Canfield
 John Greg Majernik, Whitehall
 Randy Lee Mapes, Columbus
 Mark Rexford Masterson, Somerset
 Amy Jeanne Mathews, Kinsman
 Robert Charles McAdams, Whitehall
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 Thomas Joseph McCann, Jr., Miami, Fla.
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 Margaret Anna McCoy, Columbus
 Jennifer Lynn McMillan, Wilmington
 Jeffrey Lee Miller, Tiffin
 Linda Sue Miller, Fort Jennings
 Randy A. Moore, Sidney
 Jeffrey Carl Myers, Steubenville
 Thomas Graydon Myers, Wauseon
 Jeffrey Howard Neal, Jamestown
 Matthew Jon Nieman, Gahanna
 Thomas Allen Noblit, Bucyrus
 Edward Lynn Ott, Cortland
 Marilyn Marjorie Otto, Huntington, W. Va.
 Brian Vance Overholser, Parma
 Dale Lewis Parks, Rinard Mills
 Kim Anne Parlin, Marietta
 Jeffrey Ronald Pissonea, Spencer
 Jeffrey William Pratte, Spencerville
 Deborah Lea Sand Purcell, New Albany
 Robert Allan Radachi, Elyria
 John Charles Reed, Solon
 Cindy Lou Rigsby, Hilliard

William Michael Rogers, Willoughby
 Sharon Denise Rudder, Camden
 David William Sachs, Fremont
 John Allen Schmitkons, Lorain
 Theresa Hyde Schmitt, Delaware
 William David Schrauf, North Ridgeville
 Erwin Lee Schroeder, Leipsic
 Andrew Schumer, East Meadow, N. Y.
 John William Scullion, Salem
 Nancy Lee Secrist, Fremont
 Thomas Lyman Sefton, Dayton
 Kevin Leigh Shank, Springfield
 Robin Irene Shepherd, Salem
 Daniel Edward Shoemaker, Peebles
 Mark Richard Snider, Columbus
 Deborah Carol Stairs, Columbus
 Gregory Charles St. Clair, Columbus
 Teresa Jane Steinbeck, Sherman, Tex.
 Sara Ellen Stillings, Galion
 Daniel Brian Stover, Marion
 Michael Lee Strode, Stockport
 William Todd Sutliff, Bristolville
 John Marion Todd, Columbus
 William Ladimir Tubman, Columbus
 Kenneth W. Turteltaub, Ashtabula
 Andrew Warren Ward, Dayton
 Scott Eugene Weaver, Lancaster
 Gary Richard Weinheimer, Madison
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 Melissa Lew White, Columbus
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 Mark Dale Williams, Athens
 Richard Maurice Williston, Huron
 Scott Paul Wonders, Nova
 James Lawrence Woods, Gahanna
 Mark Stanley Woodworth, Madison
 Patricia Shannon Yacso, Columbus
 Dirk Beebe Yelinek, Springfield, Mass.
 Nil C. Yetis, Toledo
 Brian A. Young, Yellow Springs
 Khadije Zoomand, Columbus

Bachelor of Science in Food Science

Elizabeth Maria Volk, Parma

Bachelor of Science in Food Technology

Michael Scott Abrams, Cincinnati
 Carolyn Joyce Perkins, Dayton
 Edmund William Schuster, Avon Lake

Bachelor of Science in Nutrition

Vicki Lynn Horton, Cincinnati

School of Home Economics

Bachelor of Science in Home Economics

Sharon Elaine Alley, Worthington
 Georganne Michelle Apeian, Miami, Fla.
 Rosanne D. Belt, Utica
 Kris Ellen Benadum, Lancaster
 Melinda Lee Bennett, Dublin
 Stasha Lynn Burk, Westerville
 Janette Heleen Chapek, North Olmstead

Susan Eileen Crum, Wooster
 Jill Ann Dannecker, Akron
 Kimberly Diane Davis, Westerville
 Barbara Ann Eakin, Orient
 Lisa K. Fulgham, Columbus
 Candace Dean Gabriel, Columbus
 Patricia Jayne Geiger, Worthington
 LuAnn Gipp, Salem
 Elaine Ann Gosser, Grove City
 Mary A. Hasselkus, Elmore
 Deborah Lou Hoffman, Canton
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 Rebecca Jean Kupanoff, Springfield
 Judy Carol Levine, Blacklick
 Amy L. Lichtenstein, Cleveland Heights
 Donna Jean Mann, Delaware
 Marlane J. McCall, Cleveland
 Jayne McCarthy, Massillon
 Lisa Janet Milan, Columbus
 Ann Regina Niday, Columbus
 Diane Victoria Oyer, Columbus
 Susan Diane Paul, Fairview Park
 Diane R. Poeppelman, Yorkshire
 Kathy Denise Ray, Columbus
 Barbara Ann Regula, Beach City
 Mary Frances Ryan, Lakewood
 Barbara J. Seifert, Columbus
 Nancy Ann Shulaw, Lima
 Kimberly Lynn Smith, Columbus
 Elaine Marie Talaba, Mansfield
 Karen June Townsend, Paulding
 Diane Kay Tredway, Orrville
 Michele Yvonne Ware, Cleveland
 Mary-Elizabeth Williston, Bath

Bachelor of Science in Nutrition

Dirk Gardner Hehr, Columbus

Bachelor of Science in Restaurant Management

William J. Anderson, Bethlehem, Pa.
 Beth Helene Harris, Mayfield Heights
 Jennie Beth James, Worthington
 Monique Krasny, Cleveland
 Patrick Robert Minadeo, Columbus

School of Natural Resources

Bachelor of Science in Natural Resources

Christopher Anthony Alaburda, Olmsted
 Jeffrey Robert Bartels, Canton
 Therese Marie Biggins, Cleveland
 Antony Rocco Borghese, Columbus
 Mark Alan Burger, Marysville
 Donald Eugene Conrad, Loudonville
 Gary Emerson Coyan, Dayton
 Lloyd Douglas Craycroft, Columbus
 David Allan Crosby, Reynoldsburg
 Jill Louise Cunningham, Defiance
 Thomas Charles Deitemeyer, Elmore
 Scott Clair Doty, Findlay
 Charles Albert Duncan, Columbus
 Brian Kendall Enck, Columbus
 Michael Russell Fitch, Columbus
 Joyce Ann Foltz, Columbus
 Peter Edgar Grendze, Lakewood
 Douglas Emil Haponek, Lorain
 Nancy Jean Houston, Columbus
 Mary Elizabeth Janosko, Willoughby Hills
 Eugene V. Kment, Kent
 John Chester Kurgan, Cleveland
 David Alan Lockshin, Canton

David Bryant Loving, Centerville
 Michael Edward Magley, Worthington
 Arthur Daniel Main, Delaware
 David Leonard Martinkowski, Willoughby
 Lynn Marie McConville, Yellow Springs
 Andrea Diane Miller, Akron
 Gregory Allen Miller, Lewisburg
 Kelly Anne Nagel, Columbus
 Randy Joseph Pleiman, Madeira
 Edward Brian Roush, Portsmouth
 Valdis Arturs Rubenis, Lakewood
 Jeff S. Schaeffer, Akron
 William John Schmitter, Seven Hills
 Ruth Elaine Shellhouse, Tiffin
 Catherine Ann Sova, Columbus
 Raymond Louis Taucher, Columbus
 Donald Robert Thomas, Hubbard
 Peter Cole Thompson, Junction City
 Ty K. VanFossen, Columbus
 James Allen Vieira, Lima
 Gary L. Vonderembse, Lima
 Daryl Lee Walizer, Alliance
 James Robert Wallace, Dayton

Agricultural Technical Institute—Wooster

Associate in Applied Science

Bruce Terrell Achor, New Vienna
 Todd William Anderson, Sandusky
 Joseph Charles Baglia, Jr., Hiram
 John Ray Barlow, Wooster
 Mark Alan Bauer, Defiance
 David Scott Becker, Hamilton
 Brenda Jane Benninger, Wooster
 Bryan Charles Black, Canal Winchester
 Marsha B. Campo, Galion
 Curtis Dean Eddie, Newton Falls
 Diana Lyn Ferich, Wooster
 Scott Alan Fishpaw, Avon
 Robert Joseph Gayer, Harvey, Ill.
 Rodney Lee Haudenschild, Kenton
 John Michael Henrietta, Concord
 Stephen Leslie Johnson, Sarahsville
 Janet Love Kelly, Lakewood
 Timothy Mark Kelly, Malvern
 Robert Jay Klemm, Bay Village
 Kevin Michael Kohls, Bucyrus
 Kurt Everett Krueger, Ashland
 Gregory Reed Malone, Olmsted Falls
 Charles A-Duke Metzler, Richmond Heights
 Ned Harold Meyer, Botkins
 Douglas Allen Miller, Jackson
 Susan Oboczky, Euclid
 Karen Kay Ogden, Kenton
 Janet Sue Parr, Columbus
 Lucinda Frances Pater, Shreve
 Kelly Lynn Pfozt, Rittman
 Kathleen Marie Regan, Wooster
 Barbara Ruth Renner, Bolivar
 Dave Frank Ritschel, Parma Heights
 Robin Edward Ruh, Amelia
 Scott David Russell, Granville
 Mark Eugene Taylor, Killbuck
 Paul David Weinau, Berlin Heights
 Charles Chase Wilson, III,
 New England, W. Va.
 Margaret Hart Yeazel, Wooster
 Tony Peter Zizes, Cuyahoga Falls

College of Education

Dean: Robert A. Burnham

Bachelor of Science in Education

Marcie Sue Adell, Pepper Pike
Marlene Anne Michael Altstaetter, Cairo
Patricia Ellen Anderson, Avon Lake
Marcia Ann Barnhart, West Jefferson
Robert Redman Bartels, Columbus
James Edward Berger, Columbus
Michael Joseph Berry, West Milton
Rita Zimmerman Bias, Thornville
Vickie Tarter Bidwell, Unioopolis
Nancy Volz Billings, Columbus
John Russell Blum, Chardon
Karen Ditson Blumhorst, St. Marys
Pamela Sue Boardway, Granville
Belinda Jayne Bonner, Jeffersonville
John Calvin Brockway, Crestline
Cheryl Sue Burchfield, Columbus
Thomas Charles Busher, Euclid
Margaret Carey Byers, St. Marys
Pat C. Campana, Lorain
Mary Patricia Capper, Cape Coral, Fla.
Christine Annette Cheadle,
Canal Winchester
Ralph Donald Church, Worthington
Elaine Conroy, Middleberg Heights
Patricia Evelyn Conroy, Cincinnati
Kimberly Ann Copeland, Steubenville
David Allan Crosby, Reynoldsburg
Julie Ann Dadone, Cincinnati
Debbie Mumma Davis, Mt. Vernon
Deborah Jan Dawe, Wooster
Veletha Jane DeBoer, Worthington
Mary Lynne Diehl, Worthington
Pamela Ann Dougherty, Toronto
Cynthia Nease Elliott, Bellefontaine
Laurie Kim Eldro, St. Marys
Karen Sue Eubank, New Paris
Cynthia Corinne Fair, West Salem
Barbara Louise Fenner, Columbus
Ann Frances Fenton, Washington C. H.
Carolyn Irish Finneran, New Canaan, Conn.
James Clyde Fisher, Bluffton
Beverly Ann Flood-Milheim, Bucyrus
Debra Whitaker Foster, Pickerington
Elaine Lendy Given, Columbus
Georgia Siebold Glass, Columbus
Gary Charles Glaus, Mogadore
Dianna Joy Goedeking, Gahanna
Gary A. Green, Thornville
Sandra Denise Grieselhuber, Hamilton
Raymond Eric Griffin, Columbus
Robert L. Grove, II, Columbus
Nancy Jane Hafer, Larue
Dianne Haggins, Windsor
Susan Jane Hale, Bay Village
Tyronne Harris, Columbus
Karen Ann Heber, Columbus
Jane Ann Heiby, Celina
Deborah Ann Helber, Columbus
Mark Irvin Helsel, Obetz
Thomas Lee Henderson, Elyria
Diana Lynne Hill, Columbus
Barbara Doude Hillgoss, Columbus
Robert Ross Hoak, Columbus
John Michael Hoell, Columbus
Nancy Ellwood Holsinger, Marion
Cheryl Snapp Hord, Willard
Donna Lorraine Hull, Youngstown
Linda Lawrence Iulicci, Delaware
Harry Louis Jimenez, Lorain
Sarah Kathryn Johnson, Bay Village
Barbara Suzanne Jones, Merritt Island, Fla.

Janice M. Kahle, Ottawa
Tim Allen Kauffman, Columbus
Nicola Joan Kelley, Fairborn
Brenda Kay Kohler, Clinton
Jebbie Sue Koll, Reynoldsburg
Karen Elaine Kropiwnicki, Independence
Carol Ann Phillips Lafferty, Lima
Robyn Lynn Lohstroh, Reading
Steven Thomas Lorenz, Columbus
Glenda Kay Louis, Bucyrus
Sabrina Lila Lucas, Cleveland
Melissa Ann Lust, Galion
Michael Edward Magley, Worthington
Mary Shannon Maloney, Columbus
Susan Jahn Mancini, Worthington
Kay Seabright Martin, Lakewood
Sandra Ann Matusich, Proctorville
Nancy Jane Mattern, Youngstown
Garth F. McGrail, Worthington
John Thomas Messerly, Lancaster
Barry Moore, Newark
Judith Ann Moss, Worthington
Naomi Kuipio Mundon Neighbor, Bucyrus
Pamela Lee Olinger, Warsaw
June Dungan Orr, Beaverdam
Teresa Louise Palmer, Columbus
Hope Elizabeth Parks, Williamsport
Joy Lee Pence, Chillicothe
Karen J. Danculovic Perlmutter, Columbus
Roger Kevin Pickenpaugh, Caldwell
Carmelita Maria Piccolo, Worthington
Patricia Avanel Warren Poling, Delphos
V. Peter Polivka, Columbus
Paul Noel Powers, Columbus
Paula Mae Pritchard, Plymouth
Jackie Kehr Prosser, Mansfield
Julia Morgan Pusecker, Dublin
Gary A. Reeve, Columbus
Betty Joseph Remlinger, Prospect
Donna Antram Rice, Elida
Valarie Lynn Richards, Columbus
John Eric Rinto, Crestline
Pamela Jo Pennington Robinson, Katy, Tex.
Kathy Kerr Rojewski, Worthington
Judy Andrews Saine, Lima
Denise Marie Schomaeker, Ottawa
Jennifer Jean Schwabe, Cuyahoga Falls
Sharon Sheaf-Hite, Columbus
Dawn Marie Apicella Silvestrini, Toledo
Mary Jane Simokaitis, Arlington, Va.
Mary Teresa Smith, Columbus
Terry Wallar Southwick, Columbus
Sandra Marie Speck, Mansfield
Marilou Fahrback Stafford, Columbus
Barbara Ann Stephen, Wintersville
Thomas A. Stevens, Centerville
Raymond Arthur St. John, Akron
Victoria Ann Sullivan, Chicago, Ill.
Martha Buck Swift, Columbus
Debra Fyfe Thomas, Paramus, N. J.
Pamela Jo Thompson, Enon
Joann F. Tippet, Sayre, Pa.
Rita Jo Trimble, Upper Sandusky
Robert Pierce Uhle, Cleveland Heights
Thomas Porrester Waugh, Columbus
Vickie Dianne Weatherington, Worthington
Myra Kay West, Columbus
Penny Sue Whipple, Ashley
John Robert Williams, Lima
Tony Alfred Wilson, Hampton, Va.
Karen Ann Workman, Euclid
Susan Jayne Yontz, Caldwell
David O. Youngblood, Delaware
Jodi Wynne Zackowitz, Wharton, N. J.
Gerald Alan Zeise, Westerville

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

Edward Charles Christ, Jr., Columbus
Roland Alan Cusworth,
Kamloops, B. C., Canada
Waldemar Richard Krolak,
Brantford, Ontario, Canada
Richard Carl Mutzman, Miami, Fla.
Arthur Geronimo Nunes, Jr.,
Chicopee, Mass.
Jeffrey Alan Swan, Avon Lake
Stanley Alan York, Mansfield

Bachelor of Science in Agricultural Engineering

Brian Eugene Code, Waynesville
Kenneth Steven Early, Elida
Arthur Howard Geyler, Jr., Cincinnati
Steven Dudley Warner, Nevada

Bachelor of Science in Ceramic Engineering

Jeffrey Lawrence Angart, Willoughby
Nancy Noreen Preece, Plain City

Bachelor of Science in Chemical Engineering

Mohammad Reza Bagheri, Tehran, Iran
Mary Clare Stolarski, Bexley

Bachelor of Science in Civil Engineering

Thomas Frederick Denk, Parma Heights
Robert William Hake, Athens
Robert Dale Harrison, Canton
William Kenneth Jones, Worthington
James Phillip Joyce, Columbus
John Charles Kwest, Kettering
Robert David Reed, Ottawa
David Todd Schmieder, Chillicothe
Kenneth Floyd Siegfried, Westerville
Jeffrey Lynn Sparr, Shreve
James Albert Spratt, Sicklerville, N. J.
Mohammed Taghnia, Tehran, Iran
Thomas Donald Traut, Cincinnati
Danny Robert Wiegand, Mansfield

Bachelor of Science in Computer and Information Science

Bryon Joseph Coffey, Columbus
Belinda Jane Paisley, Newark
Eric Jay Schechtman, Cleveland Heights

Bachelor of Science in Electrical Engineering

Garry Lee Allison, Columbus
Joseph A. Bowman, Hilliard
Donn Lowell Buckingham, Greenville
Susan Roberta Curtis, Columbus
Richard J. Foster, Louisville, Ky.
William Geist, Columbus
James Melvin Higginbotham, Jr., Newark
Thomas Yui-Kee Ho, Milpitas, Calif.
Marc Alan Leap, Sunbury
Charles John Martin, Girard
Terry Wayne McGinnis, Columbus
Robert William Rike, Columbus
Paul William Schmidt, Xenia
Billie Monroe Stevens, Jr., Columbus
Steven Richard Thomas, Greenville
Ruan Chih Tou, Taipei, Taiwan, R.O.C.
Bervin Jay Wajnyrb, Columbus
Arthur Wayne Weber, Novelty

Bachelor of Science in Industrial and Systems Engineering

Pablo Miguel Adrianza,
Caracas, Venezuela
Brian Francis Ahman, Ottawa
Martha Ann Caudill, Franklin
Craig William Gural, Columbus
Kenneth Alan Hodina, Willoughby
Brian B. Ireland, Columbus
Sohaila Djahangiri Kaveh, Tehran, Iran
Mark Benson Loughout, Dayton
Terri Robin Levy, Cincinnati
Michael John Mattimeo, Toledo
Ronald K. Smith, Lancaster
Kenneth Eugene Walton, Martins Ferry

Bachelor of Science in Mechanical Engineering

Richard Joseph Abbruzzi, Howell, N. J.
Ralph Paul Brooks, Jr., Carrollton
Harold Eugene Cook, Jr., Ashtabula
David Noble Corson, Columbus
Joseph James Daniel, Columbus
Arthur Dennis Dyeus, Columbus
Howard Ernest Hendershott, Hudson
Joseph Dennis Herringer, Lakewood
Richard C. Jeske, Columbus
Van Kent Joyner, Fairfield
Arthur Clarence Krikk, Greenwich
Cynthia Sue Legg, Waverly
Kevin C. Legge, Dayton
Eric Arthur Paul, Findlay
Joseph Michael Pereira, Goodwood Gardens,
Trinidad, West Indies
Willem Lucas Plaat, Troy
Mark Allen Poling, Gallipolis
Stanley Ray Reeves, Columbus
Joseph David Schaeufele, Columbus
Michael Paul Skomrock, Newbury
Christopher Lawrence Smith, Rittman
Mark Joseph Stollenwerk, Columbus
Michael Kevin Tanner, Avon Lake

Arthur Wayne Weber, Novelty
Douglas Allen Wickham, Columbus
Susan Mary Wilke, Columbus
Larry Alan Witherup, Columbus
Joseph Patrick Wolf, Minster
Kenneth Paul Yamarick, Circleville
Steven Larry Young, Columbus
David Paul Zachrich, Columbus

Bachelor of Science in Metallurgical Engineering

Michael Angelo Rocazella, Eastlake

Bachelor of Science in Welding Engineering

Craig Douglas Howard, Lima

School of Architecture

Bachelor of Science in Architecture

James Richard Crowell, Clifton Park, N. Y.
Yvonne Katherine Tromblay, Bellefontaine

Bachelor of Science in Landscape Architecture

Michael Richards Harris, Columbus
Kenneth Tokikazu Yorozu, Seattle, Wash.

College of Medicine

Dean: Henry G. Cramblett, M.D.

Doctor of Medicine

Paul Forrest Armstrong, Lyndhurst
B.A. (Kenyon College)

J. Kenneth Davis, Independence
B.A. (Ohio Wesleyan University)

Avrom David Epstein, Akron
B.A. (Miami University)

David William Fouk, Bucyrus
B.A. (Ohio Wesleyan University)

John W. Hunter, Ventura, Cal.
B.A. (U.C.L.A.)

Kirk Phillip Lindvig, Newark, Del.
B.S. (Denison University)

Kim Alison Ogle, Westerville
B.A. (Otterbein College)

Benny Eugene Stall, Dayton
B.S. (University of Miami)

Arlen Ray Stauffer, Columbus
B.A.

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Sharon Louise Baehr, Tiro
Julie Ann Gabriel, Parma
Robert Dewitt Longenecker, Lewisburg
Donna Jean Perry, Mentor
Mark Allen Steele, Lisbon
William Werner Sykes, Columbus
Ellen Diane Vavra, Bedford
David Paul Wetzel, Jr., Decatur, Ill.

Certificate of Post Baccalaureate Circulation Technologist

Mark S. Draher, Worthington
B.S.

Certificate of Post Baccalaureate Medical Technologist

Rollie Lee Cruze, Chillicothe
B.S.

School of Nursing

Bachelor of Science in Nursing

Jane Linscott Adams, Marysville
Jacalyn Sue Buck, Hilliard
Susan Leoa Burkhart, Canton
Ruthann Cowie, Rochester
Deborah Anne Hague, Steubenville
R.N.
Dennis Leroy Hines, Harrisburg
Barbara Farris Kipp, Plain City
Marion Wayne Kiser, Mason
Marilyn Lenora Lee, Columbus
Mary Susan Lilly, Springfield
Mary Ann Massa, Lexington
Marjorie Beth Mignin, Archbold
Jennifer Lee Palmer, Toledo
Kimberlee Bishop Pavelka, Columbus
Patricia Anne Repasky, North Kingsville
Cynthia Bracey Richardson, Columbus
Jacquelyn Lerita Rivers, Cincinnati
Susan Cary Schafer, Bratenahl
Lisa Jean Sheppard, Delaware
Mark Henry Shuter, Portsmouth
Christina Ann Smith, Kettering
Laurie Lynn Ertis Steinberg, Toledo
Jill Debra Steuer, Columbus
Terry Lee Stump, Trotwood
Nina Kay Thompson, Geneva

College of Pharmacy

Dean: Albert H. Soloway

Bachelor of Science in Pharmacy

Steven Eugene Ackerman, Cardington
Linda Sue Baugher, Tiffin

Wendy Sheryl Brown, Shaker Heights
 Beth Ann Butschi, Vandalia
 James Gerard Clouse, Somerset
 B.S. (University of Notre Dame)
 Kenneth David Crist, Zanesville
 Carolyn Sue Delphia, Columbus
 James Michael Dixon, Urbana
 Linda Ann Fitch, Portsmouth
 Gregory Axel Hamilton, Zanesville
 Robert Gregory Herrin, Cincinnati
 John Matthew Kalish, North Bloomfield
 Gerald Mark Kaup, Fort Recovery
 Lorraine Marie Kaup, Parma
 Lisa Lebedin, White Plains, N. Y.
 Patricia Lynn Little, Youngstown
 Nancy Ann Loeey, Euclid
 Amy Sue McFeeley, Dayton
 Kathleen Lee Ort, Grotton, N. Y.
 Bruce Allen Petkovsek, Lorain
 Susan Lynn Phillips, East Liverpool
 Connie Immel Ray, Dundee
 Karen Marie Ruberto, Niles
 Thomas Edward Scono, Columbus
 Alan Howard Snaider, Columbus
 B.A. (State University of New York at
 Plattsburg)
 Catherine Kremin Stephenson, Youngstown
 Barbara Ann Thissen, Columbus
 Dawn Marie Trimboli, Galion
 Phyllis Annina Wheeler, Mt. Gilead
 Jeffrey Richard Wiseman, Columbus

College of Social Work

Dean: Robert O. Washington

Bachelor of Science in Social Welfare

Paul Don Bonhard, Port Clinton
 Melia Louise Kern, Delaware
 Francine Pratt Naphier, Columbus

Graduates with Honors

Summa Cum Laude

Margaret Carey Byers
 Arnold Chonko
 Robert C. Cochran
 Susan Roberta Curtis
 Melanie France
 Diana Lynne Hill
 Vicki Horton
 Jennifer Lee Palmer
 Kathleen Marie Regan
 Donna Antram Rice
 Kathy Kerr Rojewski
 Barbara Seifert
 Michael Wesley Suman
 Pamela Jo Thompson
 Yvonne Katherine Tromblay
 Ellen Diane Vavra
 Arthur Wayne Weber

Summa Cum Laude with Distinction in Animal Science

Robert C. Cochran

Summa Cum Laude with Distinction in Economics and with honors in the Liberal Arts

James Ernest Brown

Cum Laude

Sharon Ackley
 Marcie Sue Adell
 Sharon Elaine Alley
 Robert Altmeyer
 John Ray Barlow
 Nancy Volz Billings
 David Burget
 David Eckhardt
 Karen Sue Eubank
 Ann Francis Fenton
 Diana Lyn Ferich
 Bruce Furukawa
 Bonnie Garwood
 Elaine Lendy Given
 Dirk Gradner Hehr
 Dale Hertlein
 Jay Scott Hollinger
 Peggy Ann Hunt
 Barbara Suzanne Jones
 Timothy Mark Kelly
 Richard Todd Kemme
 Debbie Sue Koll
 John Chester Kurgan
 Cynthia Sue Legg
 Mary Susan Lilly
 Steven Scott Lowe
 Marcus Lower
 Melissa Ann Lust
 Darlene Manley
 Nancy Jane Mattern
 James McCann
 Katherine Murphy
 Charlsa Riley Norman
 Clara Marie Paquelet
 Belinda Jane Paisley
 Mary Parden
 Charles Riley Rauck
 Renae Marie Roberts
 Diane Lindner Steacy
 Lisa A. Stillings
 William Ticknor
 Rita Jo Trimble
 James Allen Vieira
 Elizabeth Marie Volk
 Michael Walter Wagner
 David Woeste

Cum Laude with Distinction in Environmental Education

Michael Edward Magley

Cum Laude with Distinction in Medical Technology

Sharon Louise Baehr

Cum Laude with Honors in the Liberal Arts

Cynthia Ann Raines

With Distinction in Animal Science

William Todd Suttiiff

With Distinction in Agricultural Economics

Jeffrey Miller

With Distinction in Dairy Science

Nancy Secrist

With Distinction in Political Science

Michael James Mueller

With Distinction in Resource Development

Lynn Marie McConville

With Honors in the Liberal Arts

Rose Ellen Faeges
 Steven Alan Mathless
 Kimberly Lynne Munsie
 Rhett David Thurman
 Keith M. Weiner

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND FIFTY-SIXTH MEETING
OF THE BOARD OF TRUSTEES

Newark, Ohio, April 4, 1980

The Board of Trustees met at its regular monthly meeting on Friday, April 4, 1980, at The Ohio State University Newark Regional Campus, Newark, Ohio, pursuant to adjournment.

Present: Patricia D. James, Chairman, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens and Daniel M. Galbreath.

* * *

Minutes of the last meeting were approved.

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April 4, 1980 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM

Resolution No. 80-97

Synopsis: Resolutions honoring the service of four of this 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.

Upon motion of Dr. Jacob, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Kevyn F. Deal

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 6, 1979, of Kevyn F. Deal, M.D., Instructor in the Division of Emergency Medicine, Department of Preventive Medicine.

Dr. Deal was a remarkable faculty member who dedicated herself to education and patient care. Despite her grave and unrelenting illness she continued with her utmost strength to inspire and direct the medical student teaching program in our division and to provide exemplary and compassionate care to her patients. She had an indefatigable zest for life, a deep commitment to medicine, and an enduring inner strength. She was a continuing inspiration to those who knew her.

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.

Fred A. Hitchcock

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 15, 1980, of Fred A. Hitchcock, Professor Emeritus and former Acting Chairman in the Department of Physiology. He retired in 1960 after 37 years of dedicated service to the Department of Physiology and the College of Medicine where he held appointments ranging from instructor in 1923 to full professor in 1940.

Born in Akron, Ohio, October 30, 1889, Professor Hitchcock attended the public schools of that city and then Buchtel College, later part of the University of Akron, where he received his Ph.B. in 1912. He received his M.S. in zoology from Ohio State University in 1923 and his Ph.D. in physiology from Ohio State University in 1926.

Before joining the staff of the Department of Physiology at Ohio State University, Fred Hitchcock taught at Barberton High School in 1915-1916; West Military Academy, Illinois, in 1916-1917; and at Indianola Junior High School, Columbus, Ohio, in 1919-1923. After his retirement in 1960 he served as Professor of Physiology at the University of Pennsylvania in 1960 and as a Visiting Professor of Physiology at Pahlavi University in Persia.

April 4, 1980 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Fred A. Hitchcock (contd)

Professor Hitchcock was the founder and Director of Laboratory of Aviation Physiology at Ohio State University. He served as a civilian in the U. S. Office of Scientific Research and Development, 1942-1945, while carrying out his pioneering research on the physiological effects of high altitude and the pathological effects of explosive decompression. His research was sponsored by the Office of Naval Research, the Army Surgeon General, the Aviation National Safety Council, and the Air Force Research and Development Command.

Fred Hitchcock published over 100 papers and was honored by being presented with the Tuttle Award of the Aerospace Medical Association for his research in Aviation Medicine. He served as President of that Society in 1956-1957. Dr. Hitchcock was a long-time member of the Council of the American Physiological Society and served as their representative to the American Association for the Advancement of Science. He also served on the editorial boards of the American Journal of Nutrition and the Journal of Astronautics.

Dr. Hitchcock was elected to fellowship by the American Astronautical Society, the Aerospace Medical Association and the American Association for the Advancement of Science. He was an active member of the American Physiological Society, the Society for Experimental Biology and Medicine, the American Institute of Nutrition, the New York Academy of Science, the American Society of Zoologists, the Aerospace Medical Association, and the Rocket Society. He always carried a ticket to the moon in his pocket and said that if he were a little younger when the moon program started he would have qualified as an astronaut.

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

Edward J. Morrison

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 23, 1980, of Edward J. Morrison, Professor, Academic Faculty of Vocational-Technical Education, College of Education and Senior Research Specialist, Vocational Education, the National Center for Research in Vocational Education.

Dr. Morrison received his Ph.D. degree in clinical psychology from the University of Illinois in June 1960.

Dr. Morrison began his association with The Ohio State University in August of 1967 as a Research Coordinator at the National Center for Research in Vocational Education and concurrent Associate Professorship in the Academic Faculty of Vocational-Technical Education. He served in a wide range of leadership roles until his death in February. As Associate Professor from 1967-1970 and Professor from 1970, Dr. Morrison often served as consultant, speaker, workshop organizer and instructor. He was Chairman of the College of Education's research committee and human subjects review committee; member of the

April 4, 1980 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Edward J. Morrison (contd)

College Senate, faculty search, personnel promotion and tenure committees, and advising and examining committees for Ph.D. candidates. At the National Center his responsibilities included development and supervision of research and development programs, review and consultation for research projects, and participation in general management of the National Center addressing such subjects as vocational development and adjustment, instructional systems, development of educational personnel, process of change and diffusion of innovations in education, development of a comprehensive model curriculum for career education, participation in a variety of special task forces, and served in the capacity of Program Director for national planning and policy in vocational education. The future of the field of education has been greatly enhanced by Dr. Morrison's dedication and professional contributions.

Dr. Morrison was a member of the American Association for the Advancement of Science, American Educational Research Association, American Psychological Association, American Vocational Association (Advisory Council 1973), American Vocational Education Research Association (President 1973), National Council on Measurement in Education, Phi Delta Kappa, Psychometric Society, and Advisory Board of the Salvation Army. He conducted consultant services for such organizations as the U. S. Department of Labor, U. S. Office of Education, National Institute of Education, Maryland State Department of Education, Ohio State Department of Education, Marshall University, The State University of New Jersey - Rutgers, University of Kentucky, and University of Minnesota.

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.

Michael Visscher

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 20, 1980, of Michael Visscher, Assistant Professor in the Department of Economics.

Dr. Visscher received his Professional Engineering degree from the Colorado School of Mines in 1969 and his Ph.D. degree in economics from the University of Virginia in 1975.

Dr. Visscher was an Assistant Professor of economics at The Ohio State University from 1977 until his death. During that time he also served as Visiting Assistant Professor at the University of Virginia (1978) and at Duke University (1979).

Dr. Visscher made a number of important professional contributions, many of which were published in major economic journals. He developed novel models for assessing the welfare implications of alternative pricing models for regulated industries subject to stochastic

April 4, 1980 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Michael Visscher (contd)

demand. He proposed new equilibrium concepts in location theory which offered considerable insight into the logic of locational adjustments. Most recently he had been undertaking a study of organizational capital which has shed new light on the economic behavior of firms. Dr. Visscher's rigorous, high-quality research had placed him in the front ranks of scholars in the area of industrial organization despite a tragically brief career.

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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**PRESIDENT ENARSON'S STATEMENT RECOMMENDING THE
NAMING OF FACILITIES FOR JESSE OWENS**

In 1972, The Ohio State University awarded the honorary Doctor of Athletic Arts degree to Jesse Owens in tribute to his accomplishments as an athlete and his services as a humanitarian.

His athletic achievements are legendary. They do not need a detailed recounting here. Yet the mere mention of his name brings to the minds of many two moments perhaps unique in the annals of track and field competition.

We remember that day in 1935 when he set three world records and tied a fourth in a meet against the University of Michigan.

We remember the Berlin Olympics of 1936 when he won four gold medals and in the process destroyed before the world Hitler's myth of racial superiority.

Jesse Owens has been called the champion of the century. As an athlete, he carried the name of this University and this country to new heights of world acclaim. As a friend and advocate of youth, an ambassador for the best that sports has to offer, as a humanitarian in the highest sense of the word, he earned world respect. His life exemplifies the foundation on which The Ohio State University has been built--opportunity and excellence.

As long as there are people who compete in sports, the name of Jesse Owens will be remembered. As long as there are people who contemplate and comprehend the tragic waste of racial discrimination, the life of Jesse Owens will shine as a beacon.

So that his name and his life may stand as a continuing example to this University and to all who will come here in the future, it is with the greatest pleasure that I propose the following:

April 4, 1980 meeting, Board of Trustees

**PRESIDENT ENARSON'S STATEMENT RECOMMENDING THE
NAMING OF FACILITIES FOR JESSE OWENS (contd)**

First, that the track in Ohio Stadium be named the Jesse Owens Track. In this way his singular achievements as an intercollegiate and Olympic athlete will serve as an enduring inspiration to the thousands who come to the stadium each year.

Second, that the three recreation centers opened by the University in 1976 be renamed in his honor. This recommendation is particularly fitting. Jesse Owens has spent much of his adult life helping young people develop their full potential--as athletes, as students, as human beings. His efforts are directly in keeping with the spirit and purpose for which these recreational facilities were built.

I offer these recommendations to the Board with great personal enthusiasm. We hope these new honors will convey to the family of Mr. Owens a sense of the admiration and continuing affection in which he is held by his alma mater.

NAMING OF FACILITIES

Resolution No. 80-98

Synopsis: Naming of track in Ohio Stadium and the renaming of University Recreation Centers in honor of Jesse Owens is proposed.

WHEREAS Jesse Owens is one of the most illustrious sons of The Ohio State University; and

WHEREAS his athletic achievements are legendary; and

WHEREAS he is recognized and respected around the world for his accomplishments as an athlete, his contributions as a humanitarian, and for his work in behalf of young people; and

WHEREAS his life exemplifies the most fundamental tenets of this University--opportunity and excellence; and

WHEREAS it is the desire of The Ohio State University that the name of Jesse Owens and the example of his life shall serve as an enduring inspiration to all who come to this campus; and

WHEREAS as a measure of the admiration and continuing affection in which Jesse Owens is held by his alma mater:

NOW THEREFORE

BE IT RESOLVED, That the track in Ohio Stadium be named Jesse Owens Track and that the University Recreation Centers be renamed Jesse Owens Recreation Center North, Jesse Owens Recreation Center South, and Jesse Owens Recreation Center West, and that henceforth these facilities shall be known by these names.

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

April 4, 1980 meeting, Board of Trustees

NAMING OF FACILITIES (contd)

Mr. Smith: On the buildings that we designated, will there be a bronze plaque?

President Enarson:

Yes, I have asked our planning staff to really turn their best efforts to see that the actual physical sign was first rate in quality. At the moment, I am not prepared to say where the actual sign or signs will be, for example, on the track or on these three facilities. To repeat, we want to really do it right. I would add this thought-- I am certainly not prepared this morning to announce a fund-raising campaign but I would surely hope that sometime in the near future we would find donors prepared to finance a large, high-quality bronze. We do have a small bronze presented to the University.

Mr. Galbreath:

I would strongly support an effort to get a large bronze. This man is a world hero in addition to being from Ohio State.

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President Enarson:

Madam Chairman, I think it might be appropriate to have Mr. Galbreath, who has given very special leadership over the past months as the Chairman of the Health Affairs Committee, present the University Hospitals Board resolution.

UNIVERSITY HOSPITALS BOARD

Resolution No. 80-99

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 it has been previously stipulated that "The hospitals board shall be comprised of three members of the university board of trustees and twelve other persons, selected from the general public who shall be appointed by the university board of trustees in consultation with the president"; and

WHEREAS the following named persons have been nominated and selected for appointment to the Hospitals Board for the term as specified:

April 4, 1980 meeting, Board of Trustees

UNIVERSITY HOSPITALS BOARD (contd)

General Public Members

Name	Term of Appointment
Dean W. Jeffers	3 years
John W. Wolfe	3 years
Charles Y. Lazarus	3 years
Lloyd M. Parks	3 years
Arthur I. Vorys	2 years
John Hodges	2 years
Frank Lomax	2 years
Frieda I. Shirk	2 years
Robert M. Duncan	1 year
Josephine S. Failer	1 year
Morris S. Rosenblum, M.D.	1 year
Wilbur W. Jones	1 year

Trustee Members

Patricia D. James	1 year
Daniel M. Galbreath	1 year
Edmund C. Redman	1 year

NOW THEREFORE

BE IT RESOLVED, That the foregoing nominees be confirmed and approved as members of the University Hospitals Board--effective date of appointment May 1, 1980.

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

Mr. Galbreath:

Madam Chairman, I would like to state further that it seems logical because of the close coordination between the future of our two Boards that we might suggest that our Board meetings for the hospital be on maybe the Thursday afternoon prior to our normal Board meetings which would, therefore, mean a suggested meeting date of May 1 in the afternoon for the convening of this Board. That's a suggestion; we might do it before that but I think it's important to move immediately on that. That's a suggestion for the rest of the Board members. I would say May 1 or sooner if possible.

Mrs. James:

Mr. Galbreath, if you will, I would like to impose upon your time a little longer and ask you if you would serve as acting chairman when the Board meets, until such time as the Board is organized and elects officers.

April 4, 1980 meeting, Board of Trustees

UNIVERSITY HOSPITALS BOARD (contd)

Mr. Galbreath:

I think you and I talked about this a little earlier. I don't think our bylaws say this but by point of strength of our outside members on this Board, I think it is imperative that the eventual chairman of this Board be from the twelve members of the general public, and not from our Board, so I will serve until we get organized.

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

Resolution No. 80-100

Synopsis: Amendments to Bylaws of the Board of Trustees and Rules of the University Faculty 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 an amendment to *Rules of the University Faculty*, as approved on March 8, 1980, by the University Senate:

3335-5-31 Meetings.

- (A) Meetings of the graduate faculty shall be called by the vice provost for research and dean of the graduate school whenever he is 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 graduate council.
- (B) The vice provost for research and dean of the graduate school shall announce the time, place and purpose of each meeting at least seven days before the date of the meeting. The vice provost for research and dean of the graduate school, or his designee, shall preside at all meetings of the graduate faculty. All actions of the graduate faculty shall be upon a majority vote of the regular members present. In case of a tie vote on any matter before the graduate faculty, the vice provost for research and dean of the graduate school shall cast the deciding ballot. Any action taken pursuant to paragraphs (B) or (C) of rule 3335-5-30 of the Administrative Code shall be proposed at one meeting of the graduate faculty and acted upon at a subsequent meeting called for that purpose.

and

WHEREAS at a previous meeting of the Board, a new vice president's office was created, and in order to bring the *Bylaws of the Board of Trustees and Rules of the University Faculty* up to date, the following amendments are necessary:

April 4, 1980 meeting, Board of Trustees

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

3335-1-03 Administration of the university.

(E) The president's staff.

- (1) The president's staff shall consist of the president, the provost, the vice president for business and administration, the vice president for student services, the vice president for health sciences, the vice president for regional campuses, the vice president for educational services, the vice president for public affairs, the vice president for personnel services, the vice president for finance and planning, the vice president for university development, and special assistants.

3335-3-05 President's staff.*

- (A) The president's staff shall consist of the president, the provost, the vice president for business and administration, the vice president for student services, the vice president for health sciences, the vice president for regional campuses, the vice president for educational services, the vice president for public affairs, the vice president for personnel services, the vice president for finance and planning, the vice president for university development, and special assistants.

*Rule initiated by board of trustees.

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 by the Board of Trustees for inclusion in the next printing of the *Bylaws of the Board of Trustees and Rules of the University Faculty*.

Upon motion of Mr. Hilliker, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**ESTABLISHMENT OF "THE ARTHUR E. SHEPARD
DESIGNATED PROFESSORSHIP IN INSURANCE"**

Resolution No. 80-101

Synopsis: Establishment of "The Arthur E. Shepard Designated Professorship in Insurance" is being proposed.

WHEREAS the Board of Trustees on January 14, 1965, approved a set of guidelines for the establishment of "Named Professorships," which was subsequently modified March 3, 1972, and renamed "Endowed Professorships" and was modified further on May 5, 1978; and

April 4, 1980 meeting, Board of Trustees

**ESTABLISHMENT OF "THE ARTHUR E. SHEPARD
DESIGNATED PROFESSORSHIP IN INSURANCE" (contd)**

WHEREAS a gift to The Ohio State University Development Fund from Arthur E. Shepard, CLU, of Columbus, Ohio, has been received; and

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

WHEREAS the annual income is to be used to provide support for the work of a distinguished teacher and scholar and appointment to the Shepard Professorship will be recommended by the Dean of the College of Administrative Science to the Provost, and approved by the Board of Trustees; and

WHEREAS a "Designated Professorship" will be established initially and at such time as sufficient funds are made available, the faculty position will be converted to an "Endowed Professorship"; and

WHEREAS should the need for this faculty 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 insurance education:

NOW THEREFORE

BE IT RESOLVED, That "The Arthur E. Shepard Designated Professorship in Insurance" be established in accordance with the wishes of the donor; and

BE IT FURTHER RESOLVED, That at such time as the principal of this fund should reach the level of support for an "Endowed Professorship" that this professorship be changed from a "Designated Professorship" to an "Endowed Professorship."

Upon motion of Mr. Havens, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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JOSEPH SULLIVANT MEDAL AWARD

Resolution No. 80-102

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

April 4, 1980 meeting, Board of Trustees

JOSEPH SULLIVANT MEDAL AWARD (contd)

WHEREAS pursuant to the procedure established by this Board of Trustees, nominations for the award were referred through the 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. Robert H. Bremner, Department of History, 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 the Faculty Awards Ceremony on April 23, 1980:

NOW THEREFORE

BE IT RESOLVED, That the Joseph Sullivant Award be presented in accordance with the provisions for granting this award.

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

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**REPRINTED BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY**

Resolution No. 80-103

Synopsis: The reprinted Bylaws of the Board of Trustees and Rules of the University Faculty is presented for adoption.

WHEREAS the publication entitled *Bylaws of the Board of Trustees and Rules of the University Faculty* has been reprinted to conform to the changes approved by the Board of Trustees since the last publication in May 1979; and

WHEREAS Section 111.15 of the Ohio Revised Code requires state-assisted institutions of higher education to file the current rules and regulations which have been adopted or promulgated by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the reprinted text of the *Bylaws of the Board of Trustees and Rules of the University Faculty* dated April 1980 be adopted as the official publication of the Board of Trustees.

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

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April 4, 1980 meeting, Board of Trustees

PERSONNEL ACTIONS

Resolution No. 80-104

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, Emeritus Titles and an across-the-board increment of \$360 to the 1979-80 salary for all regular faculty and administrative and professional employees are recommended for approval.

WHEREAS pursuant to a report titled, "Budget Guidelines for 1980-81" which was presented to the Fiscal Affairs Committee in the March 7, 1980 meeting, the President recommended a \$360 increase to the salaries of regular faculty and administrative and professional staff for 1979-80:

NOW THEREFORE

BE IT RESOLVED, That the \$360 increment be paid in two installments - \$270 as of March 31 and \$90 on June 30, 1980; and

BE IT FURTHER RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the March 7, 1980 meeting of the Board, including the following Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves and Emeritus Titles as detailed in the University Budget for 1979-80, be approved.

Appointments

Name: JULIUS S. GREENSTEIN
Titles: Dean and Director of The Ohio State University Newark Campus and Professor, Department of Zoology (Newark Regional Campus)
Effective: July 1, 1980
Salary: \$44,040.00 (12-month)
Present Position: Dean, School of Mathematics and Natural Sciences and Director, Center for Science and the Citizen, Shippensburg State College

Name: SUE T. KINDRED
Title: Director, Affirmative Action
Office: President
Effective: Immediately
Salary: \$29,640.00 (12-month)
Present Position: Acting Director, Affirmative Action, Office of the President

Name: CHARLES FRAZER HERMANN
Titles: Director, Mershon Center for Education in National Security and Professor, Department of Political Science
Effective: May 1, 1980
Salary: \$46,500.00 (12-month)
Present Positions: Acting Director, Mershon Center for Education in National Security and Professor, Department of Political Science

April 4, 1980 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: PETER-NOEL WEBB
Titles: Professor and Chairman
Department: Geology and Mineralogy
Effective: August 1, 1980
Salary: \$47,640.00 (12-month)
Present Positions: Chairman and Professor, Department of Geology, Northern Illinois University, De Kalb, Illinois

Leaves of Absence Without Salary

TIMOTHY E. GREGORY, Associate Professor, Department of History, effective October 1, 1980 through September 30, 1981, to serve as the Samuel H. Kress Professor of Hellenic Studies in Athens, Greece.

LINDA G. HOWARD, Associate Professor, College of Law, effective April 1, 1980 through September 30, 1980, to serve on the White House staff.

MARTHA S. ALT, Assistant Professor, University Libraries, effective April 15, 1980 through October 14, 1980, for personal reasons.

SHERRILL DEAVER, Assistant Professor, Department of Anthropology (Mansfield Campus), effective October 1, 1980 through September 30, 1981, to conduct field work in Liberia and Western United States.

ABDALLA ELJACK, Assistant Professor, Department of Veterinary Anatomy, effective July 1, 1980 through June 30, 1981, to assist the new College of Veterinary Medicine in Tripoli, Libya.

JOANN S. DONOHUE, Instructor, Department of Communication, effective April 16, 1980 through September 15, 1980, for personal reasons.

SARAH B. MAXWELL, Instructor, School of Nursing, effective February 10, 1980 through February 24, 1980, for personal reasons.

Professional Improvement Leaves

EMILIO CASETTI, Professor, Department of Geography, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

FRANK L. HIMES, Professor, Department of Agronomy, effective Winter Quarter 1981 and Spring Quarter 1981.

JOSEPH KONCELIK, Professor, Department of Industrial Design, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

April 4, 1980 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leaves (contd)

STANLEY K. LAUGHLIN, JR., Professor, College of Law, effective Autumn Quarter 1980.

DONALD O. PARSONS, Professor, Department of Economics, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

POPAT N. PATIL, Professor, College of Pharmacy, effective Summer Quarter 1980, Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

THOMAS V. BATTENBERG, Associate Professor, School of Music, effective Autumn Quarter 1980.

CLYDE H. DILLEY, Associate Professor, Department of Photography and Cinema, effective Winter Quarter 1981 and Spring Quarter 1981.

GARETH E. GILBERT, Associate Professor, Department of Botany, effective Summer Quarter 1980 and Autumn Quarter 1980.

JOHN C. HUNTINGTON, Associate Professor, Department of History of Art, effective Spring Quarter 1981.

BURKHARD VON RABENAU, Associate Professor, Department of City and Regional Planning, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

MARY R. TOLBERT, Associate Professor, Academic Faculty of the Arts in Education, effective Autumn Quarter 1980.

Emeritus Titles

ROBERT H. BREMNER, Department of History, with the title Professor Emeritus, effective April 1, 1980.

GARVIN L. VON ESCHEN, Department of Aeronautical and Astronautical Engineering, with the title Professor Emeritus, effective April 1, 1980.

MALCOLM L. GARDNER, Department of Psychiatry, with the title Associate Professor Emeritus, effective July 1, 1980.

JOHN H. MUSCHICK, School of Music, with the title Associate Professor Emeritus, effective February 1, 1980.

Upon motion of Mr. Smith, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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April 4, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

Resolution No. 80-105

Synopsis: The report on contracts, grants and gifts and the summary for February 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 Office of Business and Administration of the University, 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 Office of Business and Administration, the Engineering Experiment Station, and The Ohio State University Development Fund during the month of February 1980, be approved.

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

SUMMARY FOR FEBRUARY 1980

Source	No. of Projects	Support Level
Office of Business and Administration	2	\$ 6,788.92
The Ohio State University Research Foundation	49	11,341,146.00
Engineering Experiment Station	47	43,345.00
		\$11,391,279.92
January 1980		
The Ohio State University Development Fund	977 Donors	\$ 187,444.94
February 1980		
The Ohio State University Development Fund	3,276 Donors	\$ 907,562.13
Establishment of Named Funds		
The Jack A. Donahue Endowment Fund (Visiting Lectureship in Academic Faculty of Marketing)		\$ 12,753.72
Leo L. Rummell Endowed Scholarship Fund (College of Agriculture)		\$ 10,000.00

April 4, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR FEBRUARY 1980 (contd)

Report from Presidents Club

Members to date	3,595
1980: year to date	209
New members - February 1980	144

New Presidents Club Members - February 1980

John M. Adams	Roger G. DeLong
James P. Allen	Andrew W. Demkee
Dale M. Anderson	Dale M. Dickerson
Anonymous	Richard M. Dodsworth
Mark A. Bainbridge	Patrick J. Fahey
John R. Barnes	Deborah A. Fass
Edward S. Basinger	James S. Flower
John R. Batcheck	George Gaylord
Barbara N. Berman	William J. Gestling
Raymond E. Best	John E. Gills
Barry S. Blank	Thomas F. Graham
Harley M. Blank	John C. Gray
Allen I. Bloomberg	Carolyn T. Haas (Mrs. P. David)
Samuel R. Broomall	Joseph A. Haase
Charles E. Brown	Hewitt Harmount
Jeffrey L. Brown	Fred J. Haupt
Stephen D. Brown	Francis E. Hazard
Wilbur H. Bruner	Lloyd F. Helber
Robert E. Bulen	James A. Henderson
Jack O. Bull	Alven L. Herstig
Martha F. Bullock (Mrs. Joseph)	Benjamin F. Hoagland III
Jenie L. Burke, Jr.	Stephen M. Horn
W. Scott Carson	Heinz E. Ickert
Charles W. Claggett	Mark A. Jackson
Bruce G. Clark	I. Eugene Jared
Thomas C. Coady	George L. Jenkins
Irma M. Cooper	Floyd L. Jordan
James K. Corwin	Constantine Kademonos
Joseph P. Cowin	Dale E. King
Connie Cox (Mrs. John E.)	Harry S. King
John E. Cox	Howard L. Kimberly
Norman T. Crout	John H. Lahey
Katherine J. Daum (Mrs. Alan)	John A. Latch
Jeffrey A. Davidson	Kenneth J. Lazear
Edwin G. Davy	Daniel W. Lease
Veletta J. DeBoer	Gary J. Lehane

April 4, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR FEBRUARY 1980 (contd)

New Presidents Club Members - February 1980 (contd)

Saul Levy	Charles L. Ream
Robert L. Lindamood	Doris B. Richard
Bruce L. Lipton	Michael J. Riley
Margaret P. Lowman (Mrs. Walker)	Keith L. Rinehart
W. Whitsett Luce	Clifford Rose
William F. Lyon	John E. Ruch
Theodore J. Maag	James S. Ryan
Douglas R. Malcolm	Robert L. Shank
Mitchell V. Massey	Bess J. Sieving
Richard W. Maxwell	Julana L. Snyder
Randall E. McCoy	Richard M. Snyder
Howard J. Mellon	Richard S. Snyder
Felice Mendell	Donald R. Sprowls
Robert G. Miller	Hazeldean Stent
David B. Mitchell	Jo Ann Hatch Stevens
James K. Mitchell	Cristine A. Strovilas
Gary M. Mooney	Dennis H. Swenson
Richard M. Morrow	Edward L. Taris
Samuel Natoli	Hal H. Taylor, Jr.
Michael M. Neal	Willis G. Telljohann
Willey E. Nesbitt	Ruth C. Tootle (Mrs. Richard T.)
Donald O. Nofzinger	Barbara W. Turner (Mrs. Richard)
Robert J. Nordstrom	Harvey R. Vesha
James E. Oddi	William F. Waddle
R. Randall Ogg	Joe K. Ward
James E. Palmer	William E. Ward
Thomas F. Park	Rodney Wasserstrom
Paul E. Perry	Helen P. Watkins
Roger C. Perry	John S. Watson
Catherine A. Phillips	Daniel S. Wigton
Donald A. Poirier	John A. Williams
Todd W. Prasher	Tennyson Williams
Gene Probasco	Geary S. Willis
Virginia H. Rader (Mrs. James B.)	Charles D. Winslow
Susanne G. Ray (Mrs. John W.)	George D. Winslow
Lou Ann Read	Wilfred C. Wood

April 4, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Research Contract/Grant

\$5,000.00 - Small Business Administration, Washington, D. C., Small Business Institute, January 1, 1980 through September 30, 1980, Academic Faculty of Management Science.

State of Ohio Research Contract/Grant

\$1,788.92 - Southeastern Ohio Technical Education Consortium, Marietta, Ohio, Introduction to Animal Science - Washington Technical College, January 1, 1980 through March 31, 1980, College of Agriculture and Home Economics.

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$5,544,000.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., National Center for Research in Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 February 1980 through 31 January 1981. (Project 761008 - Continuation)

\$3,288,274.00 - Department of Labor, Employment and Training Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Center for Human Resource Research, Academic Faculty of Labor and Human Resources (H. S. Parnes and M. E. Borus), 1 October 1980 through 30 September 1981. (Project 760081 - Continuation)

\$548,120.00 - United States Environmental Protection Agency, Washington, D. C., Development of a Tissue Selective *in Vivo* Bioassay for Environmental Agents Producing DNA Damage, Department of Radiology (R. W. Hart), College of Pharmacy (D. T. Witiak), and Department of Veterinary Pathobiology (A. Koestner), 26 December 1979 through 25 December 1980. (Project 761447 - Continuation)

\$325,264.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Joint Services Electronics Program, ElectroScience Laboratory, Department of Electrical Engineering (C. H. Walter), 1 October 1979 through 30 September 1980. (Project 760914 - Continuation)

\$284,710.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., ERIC Information Analysis Center for Science, Mathematics, and Education, Academic Faculty of Science and Mathematics Education (R. W. Howe), 1 January 1980 through 31 December 1980. (Project 761083 - Continuation)

April 4, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$158,996.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Characterization of the Chemical Constitution and Profile of Pharmacological Activity of PGB_x, College of Pharmacy (R. W. Doskotch, A. M. Burkman and D. D. Miller), 1 January 1980 through 31 December 1980. (Project 761474 - Continuation)

\$79,254.00 - Department of Energy, Argonne, Illinois, Pulse Radiolysis Studies of Fast Reactions in Molecular Systems, Department of Chemistry (L. M. Dorfman), 1 February 1980 through 31 January 1981. (Project 762589 - Continuation)

\$77,464.00 - Department of Health, Education, and Welfare, Office of Human Development Services, Administration for Children, Youth and Families, Washington, D. C., Identification, Management and Prevention of Child Abuse and Neglect in Residential Facilities, College of Social Work (N. Rindfleisch and K. Kilty), 1 January 1980 through 31 December 1980. (Project 762019 - New)

\$75,953.00 - National Science Foundation, Washington, D. C., Toward More Complicated Computer Imagery, Department of Computer and Information Science (F. C. Crow), 15 January 1980 through 31 January 1981. (Project 762017 - New)

\$74,997.00 - Department of the Navy, Naval Air Systems Command, Washington, D. C., Advanced Adaptive Antenna Techniques, ElectroScience Laboratory, Department of Electrical Engineering (R. T. Compton), 11 February 1980 through 10 February 1981. (Project 762039 - New)

\$63,226.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Experimentally Induced Mucoïd Enteritis in Rabbits, Department of Veterinary Preventive Medicine (S. Targowski), 1 March 1980 through 28 February 1981. (Project 762041 - New)

\$62,282.00 - National Science Foundation, Washington, D. C., Ductile Fracture and Hydrogen Embrittlement, Department of Metallurgical Engineering (J. P. Hirth), 1 March 1980 through 28 February 1981. (Project 761528 - Continuation)

\$56,100.00 - National Science Foundation, Washington, D. C., Superfluid Turbulence, Department of Physics (J. T. Tough), 15 February 1980 through 28 February 1981. (Project 762023 - Continuation)

\$54,106.00 - National Science Foundation, Washington, D. C., Geometry of Banach Spaces, Department of Mathematics (W. B. Johnson), 1 July 1980 through 30 June 1981. (Project 761663 - Continuation)

April 4, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$47,120.00 - National Science Foundation, Washington, D. C., Investigations of Ferrar Group Rocks and Mt. Erebus, South Victoria Land, Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot) and Institute of Polar Studies (P. R. Kyle), 1 June 1980 through 31 May 1981. (Project 761127 - Continuation)

\$44,410.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Vibration Analysis of Turbine Engine Blades, Department of Engineering Mechanics (A. W. Leissa), 1 May 1980 through 30 April 1981. (Project 762029 - New)

\$40,000.00 - Department of the Air Force, Electronic Systems Division (AFSC), Hanscom Air Force Base, Massachusetts, RCS Studies of Jet Intakes, ElectroScience Laboratory, Department of Electrical Engineering (P. Pathak), 1 April 1980 through 30 September 1980. (Project 762016 - New)

\$36,279.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Hormones and Breast Cancer Prostaglandin Biosynthesis, Department of Surgery (J. P. Minton), 1 March 1980 through 28 February 1981. (Project 761413 - Continuation)

\$34,144.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Improvement of Knowledge Regarding the Earth's Gravity Field from Terrestrial and Satellite Data, Department of Geodetic Science (R. H. Rapp), 1 March 1980 through 28 February 1981. (Project 760056 - Continuation)

\$29,995.00 - National Aeronautics and Space Administration, Washington, D. C., The Infrared Spectral Analysis of CF₂Cl₂: Application to Atmospheric Detection and Abundance Measurements for Planned In-Site Experiments, ElectroScience Laboratory, Department of Electrical Engineering (R. J. Nordstrom), 1 February 1980 through 31 January 1981. (Project 762028 - New)

\$29,951.00 - National Science Foundation, Washington, D. C., Morphology and Evolution of Paleozoic Marattialeean Ferns, Department of Botany (T. N. Taylor and M. A. Millay), 1 March 1980 through 28 February 1981. (Project 762043 - New)

\$24,000.00 - National Endowment for the Humanities, Washington, D. C., Classical Subjects in Two-Year Colleges, Department of Classics (M. P. O. Morford), 1 January 1980 through 31 December 1980. (Project 760297 - Continuation)

April 4, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$24,000.00 - National Science Foundation, Washington, D. C., Fucose Synthesis and Utilization in Mammalian Tissue, Department of Biochemistry (G. S. Serif), 1 March 1980 through 28 February 1981. (Project 762042 - New)

\$20,200.00 - National Science Foundation, Washington, D. C., Stratigraphy and Sedimentary Petrology of the Polarstar Formation Ellsworth Mountains, Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (J. W. Collinson), 1 August 1980 through 31 July 1981. (Project 761770 - Continuation)

\$12,989.00 - National Science Foundation, Washington, D. C., Pre-College Teacher Development, Academic Faculty of Science and Mathematics Education (V. J. Mayer), 1 February 1980 through 30 November 1980. (Project 762024 - New)

\$4,591.00 - Department of Health, Education, and Welfare, Office of Education, Grants and Procurement Management Division, Washington, D. C., Vocational-Technical Education Leadership Development, Graduate School Administration (J. B. LaPidus) and Academic Faculty of Vocational-Technical Education (A. J. Miller), 1 September 1978 through 31 August 1979. (Project 761272 - Continuation)

\$2,800.00 - National Endowment for the Arts, Washington, D. C., Work Intern Fellowship, Newark Campus (R. Sandell), 21 January 1980 through 16 May 1980. (Project 762030 - New)

\$2,400.00 - Department of the Interior, Geological Survey, Water Resources Division, Columbus, Ohio, Data Analysis Assistance to U. S. Geological Survey, Water Resources Center, Engineering Experiment Station (R. C. Stiefel), 20 February 1980 through 30 June 1980. (Project 762045 - New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$11,045,625.00**

State of Ohio Research Contracts/Grants

\$57,985.00 - The Ohio Board of Regents, Columbus, Ohio, Coordination of Allied Health Education Programs, School of Allied Medical Professions (S. C. Upp and D. C. Broski), 1 October 1979 through 30 June 1980. (Project 761399 - Continuation)

\$12,000.00 - Ohio Historical Society, Columbus, Ohio, Historical Preservation Office, Lima Campus (J. S. Biddle), 1 February 1980 through 31 January 1981. (Project 762046 - New)

April 4, 1980 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)

\$11,981.67 - Ohio Department of Highway Safety, Columbus, Ohio, Instructor Preparation Workshop, Driver Training of the Handicapped, Continuing Education Non-Credit Programs (D. E. Crawford and M. K. Bright), 22 January 1980 through 15 March 1980. (Project 762021 - New)

\$10,746.00 - The Ohio Program in the Humanities, Columbus, Ohio, Black Film Festival: Four Views of the Black Experience, Telecommunications Center (M. Mottler), 14 December 1979 through 30 April 1980. (Project 761979 - New)

\$9,500.00 - Ohio Commission on Aging, Columbus, Ohio, Network of Educational Consultants: 1979-80 Meetings, Mansfield Campus (D. L. Clark), 1 October 1979 through 30 September 1980. (Project 762025 - New)

\$7,523.33 - State of Ohio, Department of Education, Columbus, Ohio, Advanced Workshop for Driver Education Teachers of the Handicapped, National Center for Research in Vocational Education (R. E. Taylor), 1 December 1979 through 30 September 1980. (Project 762022 - New)

\$5,000.00 - Ohio Historical Society, Columbus, Ohio, Regional Preservation 7HA, Mansfield Campus (R. L. Wink and S. McQuillin), 15 January 1980 through 30 September 1980. (Project 762005 - Continuation)

\$3,772.00 - Ohio Historical Society, Columbus, Ohio, Regional Archaeological Preservation Office 6A, Department of Anthropology (D. T. Hughes and W. Dancy), 1 December 1979 through 30 September 1980. (Project 761871 - Continuation)

\$496.00 - Ohio Arts Council, Columbus, Ohio, Philosophy of Art Education Symposium, Department of Art Education (R. A. Norris), 23 January 1980 through 31 March 1980. (Project 762037 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS

\$119,004.00

Industrial, Private and Other Non-Federal Research Contracts/Grants

\$53,765.00 - State of Indiana, Office of Occupational Development, Indianapolis, Indiana, Indiana Vocational Technical Education Study, National Center for Research in Vocational Education (R. E. Taylor), 1 March 1980 through 30 September 1980. (Project 762040 - New)

\$31,340.00 - Mallinckrodt, Inc., St. Louis, Missouri, Evaluation of the Limulus Lysate Assay for the Presumptive Diagnosis of Gonococcal and Nongonococcal Disease in Males, Department of Medicine (R. B. Prior and V. A. Spagna), 1 January 1980 through 31 December 1980. (Project 762018 - New)

April 4, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$30,000.00 - Sport Fishing Institute, Washington, D. C., Evaluation of Post-Impoundment Wildlife Resources at Deer Creek Reservoir in 1980, Department of Zoology (J. R. Bart), 1 March 1980 through 31 January 1981. (Project 762034 - New)

\$22,225.00 - Ohio Farm Bureau Development Corporation, Columbus, Ohio, Sludge Disposal on Farm Lands - An Epidemiologic Evaluation of the Risk of Infection, Department of Medical Microbiology (V. V. Hamparian) and Department of Preventive Medicine (R. Lanese and W. Bashe, Jr.), 1 October 1979 through 30 September 1980. (Project 760953 - Continuation)

\$21,232.00 - Anaconda Copper Company, Denver, Colorado, Evaluating the Use of Zeolite in Poultry Diets, Department of Poultry Science (D. Latshaw), 15 February 1980 through 15 July 1980. (Project 762026 - New)

\$9,121.00 - Hancock Laboratories Incorporated, Anaheim, California, Evaluation of Philips Cardioplegia Catheter, Department of Surgery (J. F. Cornhill), 1 February 1980 through 30 June 1980. (Project 762032 - New)

\$3,000.00 - The Columbus Foundation, Columbus, Ohio, Ohio Commission for Children's Statewide Conference on Children's Needs, Continuing Education Non-Credit Programs (D. E. Crawford and J. Herold), 1 November 1979 through 31 October 1980. (Project 762027 - New)

\$2,779.00 - Gallaudet College, Washington, D. C., Preparation of Audio/Visual Material for Deaf and Hearing Impaired Children, Department of Art Education (C. Csuri), 4 February 1980 through 14 March 1980. (Project 762033 - New)

\$2,000.00 - Sinclair Community College, Dayton, Ohio, and School of Technical Careers, Southern Illinois University at Carbondale, Carbondale, Illinois, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1979 through 30 June 1980. (Project 761599 - Continuation)

\$405.00 - Greater Columbus Arts Council, Columbus, Ohio, Logan Elm Press Audience Development, Department of Art Education (K. Marantz), 1 February 1980 through 15 March 1980. (Project 762036 - New)

\$325.00 - Charleston County School District, Charleston, South Carolina, Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 1 March 1980 through 31 March 1980. (Project 768026 - New)

April 4, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$325.00 - School District No. 2 of Richland County, Columbia, South Carolina, Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 1 December 1979 through 31 December 1979. (Project 768027 - New)

TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS **\$176,517.00**

ENGINEERING EXPERIMENT STATION

Sponsored Development Projects

\$43,345.00 from various sponsors for 47 development projects.

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$90,000.00 - E. I. du Pont de Nemours & Company, Wilmington, Delaware: \$24,000.00 for du Pont Fund for Research in Chemistry; \$16,000.00 for du Pont Fund for Mechanical Engineering; \$12,500.00 for du Pont Occupational and Environmental Health Grant; \$12,000.00 for Affirmative Action Program in Engineering Fund; \$12,000.00 for du Pont Fund for Research in Chemical Engineering; \$10,000.00 for du Pont Young Faculty Grant; and \$3,500.00 for du Pont Business Grant.

\$75,000.00 - Estate Under the Will of Elizabeth F. Wening, Fort Lauderdale, Florida, for Herman E. and Elizabeth F. Wening Memorial Scholarship Fund.

\$50,000.00 - Battelle Memorial Institute, Columbus, Ohio, for Battelle/Ohio State University Partnership in Engineering Education Fund.

\$14,506.97 - Retinal Consultants, Inc., Columbus, Ohio, for Retina Research Fund.

\$10,000.00 - Alcoa Foundation, Pittsburgh, Pennsylvania, for Affirmative Action Program in Engineering Fund.

\$10,000.00 - The Merck Company Foundation, Rahway, New Jersey, for Medicine-Clinical Pharmacology Fund.

\$10,000.00 - PPG Industries Foundation, Pittsburgh, Pennsylvania, for Advanced Design Methods Laboratory-Mechanical Engineering Fund.

April 4, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$10,000.00 - The Wasserstrom Company, Columbus, Ohio, for Canter's Cave 4-H Camp Fund.

\$8,819.19 - University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.

\$7,951.55 - Systems Associates, Columbus, Ohio, for Cardiology Support Fund.

\$7,439.00 - American Hoechst Corporation, Bridgewater, New Jersey, for Infectious Disease Research Fund.

\$7,435.20 - Ives Laboratories, Inc., New York, New York, for Cardiovascular Research Fund.

\$6,800.00 - Marion Area College Foundation, Inc., Marion, Ohio, for Marion Campus Scholarship Fund.

\$6,500.00 - Eli Lilly and Company, Indianapolis, Indiana, for Infectious Disease Research Fund.

\$5,500.00 - Ohio Turfgrass Foundation, Columbus, Ohio, for Bio-Catalytic Soil Conditioners Research Fund.

\$5,000.00 - Diamond Shamrock Corporation, Cleveland, Ohio, for Early Start Program.

\$5,000.00 - New York Yankees, Bronx, New York, for Department of Athletics Discretionary Fund.

\$5,000.00 - Pioneer Hi-Bred International, Inc., Des Moines, Iowa, for Special NC-151 Fund.

\$5,000.00 - Wolfe Associates, Inc., Columbus, Ohio, for John W. Bricker Named Professorship in the College of Law.

Gifts-in-Kind

\$32,500.00 - Roy J. Karmosky, Winterville, Ohio, an American Saddlebred Stallion to be used in the College of Agriculture.

\$10,017.00 - Edgar P. Haudenschild, Loudonville, Ohio, 371 shares of Midwestern Fidelity Corp. stock, for Presidents Club Special Fund.

\$8,926.60 - Patrick J. Fahey, M.D., Columbus, Ohio, 100 shares of American Hospital Supply and 40 shares of Teledyne, Inc., for Thomas E. Rardin Family Practice Center Fund.

April 4, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds

The Jack A. Donahue Endowment Fund

The Jack A. Donahue Endowment Fund was established April 4, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund in memory of the late Jack A. Donahue, B.S.Bus.Adm. '68.

All gifts are to be invested in the University's Permanent Endowment Fund, 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 case dictates.

The annual income is to be used to fund an annual visiting lectureship in the Academic Faculty of Marketing, College of Administrative Science. Each year a marketing practitioner is to be invited to campus to speak to and meet with marketing students at all levels, as deemed appropriate by the chairperson of the marketing faculty. Additionally, income from this fund may be used to support student marketing research projects, at the graduate and undergraduate level, for individual student or class projects, at the discretion of the marketing faculty chairperson.

Should the need for this lectureship cease to exist or the need for the fund 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 the preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for marketing education.

Leo L. Rummell Endowed Scholarship Fund

The Leo L. Rummell Endowed Scholarship Fund was established April 4, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Leo L. Rummell, former Dean of the College of Agriculture and 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 the case dictates.

The annual income from the principal will be used to provide a scholarship for a student in the College of Agriculture who has a minor, or demonstrated interest, in agricultural journalism. The Dean of the College of Agriculture, in conjunction with the Director of Student Financial Aids, will be responsible for the selection of the recipient of the 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 administrative official of the University who is then directly responsible for agricultural journalism education.

April 4, 1980 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 80-106

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

WHEREAS a resolution adopted by the Board of Trustees at a previous meeting 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 project:

ST. JOHN ARENA, EXPANSION OF LOCKER ROOM FACILITIES

Description: Expansion of locker room facilities to accommodate increased programs offered by Department of Athletics.

General Contract

Date Received:	March 25, 1980
No. of Bids:	10
Low Bid:	\$ 89,400.00*
High Bid:	\$142,300.18*
Estimate of Cost:	\$126,878.00*
Awarded to:	RossLin Construction and Maintenance Co. (Columbus, Ohio)

Plumbing Contract

Date Received:	March 25, 1980
No. of Bids:	8
Low Bid:	\$ 33,000.00*
High Bid:	\$ 61,700.00*
Estimate of Cost:	\$ 53,393.00*
Awarded to:	Systems Mechanical Contractors (Columbus, Ohio)

* Recommended alternates reflected in these figures.

April 4, 1980 meeting, Board of Trustees

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

ST. JOHN ARENA, EXPANSION OF LOCKER ROOM FACILITIES (contd)

Heating, Ventilating and Air Conditioning Contract

Date Received:	March 25, 1980
No. of Bids:	4
Low Bid:	\$ 56,569.00
High Bid:	\$ 82,200.00
Estimate of Cost:	\$ 48,215.00
Awarded to:	R. H. Reeb Plumbing and Piping Co. (Columbus, Ohio)

Electrical Contract

Date Received:	March 25, 1980
No. of Bids:	9
Low Bid:	\$ 12,833.00*
High Bid:	\$ 22,320.00*
Estimate of Cost:	\$ 19,186.00*
Awarded to:	Electric Consulting and Design (Columbus, Ohio)

Total All Contracts: \$191,802.00

Total Contingency Allowance: \$ 26,452.25 which is 13.8 per cent of construction costs

Total Project Cost: \$245,000.00

Funding: Budget Account 885106 (Athletics)

*Recommended alternates reflected in these figures.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the action 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 reported.

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

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April 4, 1980 meeting, Board of Trustees

TREASURER'S BOND

Resolution No. 80-107

Synopsis: Treasurer's Bond is being proposed pursuant to Section 3335.05 of the Ohio Revised Code.

WHEREAS Section 3335.05 of the Ohio Revised Code requires that the Treasurer of The Ohio State University give bond to the State of Ohio in such sum as the Board of Trustees determines; and

WHEREAS the Board of Trustees has determined that a bond of \$3,000,000 per incident will be adequate protection for the probable amount that realistically will be under the Treasurer's control in any one year:

NOW THEREFORE

BE IT RESOLVED, That the bond of James W. Kristoff, Treasurer of The Ohio State University, as required by Section 3335.05 of the Ohio Revised Code, be set at \$3,000,000.

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

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EASEMENT - CITY OF COLUMBUS

Resolution No. 80-108

Synopsis: Request for authorization to grant an easement to the City of Columbus over University-owned property that abuts the west edge of North High Street between Lane Avenue and Eleventh Avenue.

WHEREAS the University has received a request for an easement from the City of Columbus for the purpose of placing electric lines underground, approximately eight feet west of the present curb line, and designation of the area parallel to and west of the relocated street lighting poles as a bicycle path; and

WHEREAS the departments of Campus Planning and Physical Facilities of The Ohio State University have reviewed the plans for this project and recommend that said property be utilized as requested; and

WHEREAS it is anticipated that the traffic flow pattern of vehicular, bicycle, and pedestrian traffic will become less congested, more efficient, and safer; and

WHEREAS the electric lines are needed to supply electric power to the street light poles in order to ensure that the sidewalk on the east border of The Ohio State University campus is properly illuminated:

April 4, 1980 meeting, Board of Trustees

EASEMENT - CITY OF COLUMBUS (contd)

NOW THEREFORE

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

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

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PARTIAL RECONVEYANCE OF MT. SHASTA, CALIFORNIA, PROPERTY

Resolution No. 80-109

Synopsis: Partial reconveyance of Mt. Shasta, California, property is being proposed.

WHEREAS the University Endowment Fund was given three properties in Mt. Shasta, California; and

WHEREAS the properties were sold in January 1976, for \$45,000 of which, \$30,000 was evidenced by a deed of trust; and

WHEREAS monthly payments have reduced the balance to \$21,424.48 as of February 1980; and

WHEREAS the owners are requesting the release of one of the parcels and would leave two parcels of real estate estimated to be worth \$97,000 securing the University's (in name of Board of Trustees) deed of trust; and

WHEREAS the sellers are willing to reduce the balance due on the loan by \$10,000 and pay off the loan within two years in return for the release of the parcel:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Administration or the Treasurer be authorized to sign all documents necessary to reconvey the property known as Parcel III described in Exhibit A of the University's (in name of Board of Trustees) deed of trust recorded in Volume 748, page 316, of the official records of Siskiyou County, California, on January 23, 1976 to the Trustees.

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

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April 4, 1980 meeting, Board of Trustees

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 80-110

RESOLVED, That the report on the University's Investment Portfolio, dated March 21, 1980, 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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COMMENTS - MRS. JAMES

Mrs. James:

For those of you who are attending your first Board meeting, it may appear to you that we move through the agenda pretty quickly without too much discussion. I would like to point out to you that we did have our committee meeting--fiscal affairs--in the other room which was open to all of you and these matters were discussed. Questions were asked about various people in the administration so that the Trustees did feel confident in passing these resolutions. So on main campus our visitors usually are familiar with this particular procedure, but I wanted to be sure that you understood it. We do care about our University, and we do discuss the issues, and we don't just simply pass resolutions.

I'd also like to say that we are very pleased to be with you today, and we always look forward to meeting with people on our regional campuses so that we can better educate ourselves as to what's going on and that you become more to us than just items on pieces of paper. I'm sure we'll have a good afternoon, and we're looking forward to the luncheon.

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Thereupon the Board adjourned to meet Friday, May 2, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

Patricia D. James
Chairman

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

Columbus, Ohio, May 2, 1980

The Board of Trustees met at its regular monthly meeting on Friday, May 2, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Patricia D. James, Chairman, Howard D. Sirak, Chester Devenow, Warren J. Smith, John D. Jacob, D. James Hilliker, John F. Havens, Daniel M. Galbreath, and Edmund C. Redman.

* * *

Minutes of the last meeting were approved.

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May 2, 1980 meeting, Board of Trustees

The Chairman, Mrs. James, called the meeting of the Board of Trustees to order at 12:00 noon. She requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering personnel-related issues.

Present: Patricia D. James, Chairman, Chester Devenow, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens, Daniel M. Galbreath and Edmund C. Redman.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

**ELECTION OF OFFICERS
BOARD OF TRUSTEES**

Resolution No. 80-111

Mr. Hilliker presented the following:

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 the adjournment of the meeting (May 2, 1980) and shall hold their office through the May 1981 meeting:

NOW THEREFORE

BE IT RESOLVED, That the following slate of officers for 1980-81 be elected:

Chester Devenow, Chairman

Warren J Smith, Vice Chairman

Madison H. Scott, Secretary

James W. Kristoff, Treasurer

Upon motion of Mr. Hilliker, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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RESOLUTIONS IN MEMORIAM

Resolution No. 80-112

Synopsis: Resolutions honoring the service of two of this University's faculty members and a former member of the Board of Trustees 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.

Upon motion of Dr. Jacob, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

May 2, 1980 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Winston E. Dunham

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 31, 1980, of Dr. Winston E. Dunham, Associate Professor Emeritus, Department of Entomology, College of Biological Sciences.

Dr. Dunham was born in Bethel, Vermont, on February 8, 1903. He became interested in honeybees as a farm boy and was later employed as an Apiarist in the Champlain Valley. Dr. Dunham obtained his B.S. degree from the University of Vermont in 1925 where he majored in Agronomy. He came to The Ohio State University in March, 1926, as an Instructor in the Department of Zoology and Entomology. The following June he received his M.S. degree, and in 1930, his Ph.D. degree, both from The Ohio State University.

For many years Dr. Dunham divided his time between teaching at The Ohio State University, research at the Ohio Agricultural Experiment Station, and as a Specialist in the Ohio Cooperative Extension Service. After a long and meritorious career in teaching and research in Apiculture, he retired June 30, 1962.

His studies of colony temperatures within the hive, the modified two-queen system for honey production and pollination in alsike and red clover are a few of his many contributions involving a scientific approach to managing honeybees.

Dr. Dunham served as Field Assistant and Entomologist with the U. S. Department of Agriculture in clover seed production research. He also served as Chairman of the Apiculture Section of the Entomological Society of America. During the late twenties and thirties, he served as Secretary of the Ohio Beekeeper's Association. In 1963 he became President of the Honeybee Improvement Cooperative Association.

Following retirement in 1962, he and his son Norman operated the Deer Creek Honey Farm near London, Ohio.

On behalf of the University community, the Board of Trustees expresses to the family 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 sincere expression of the Board's realization of the loss which the family and The Ohio State University have sustained.

William A. Stephen

The Board of Trustees of The Ohio State University expresses its sorrow upon the April 2, 1980, of William A. Stephen, Professor Emeritus, Cooperative Extension S

Professor Stephen was born July 19, 1906, at Cedarville, Ontario, Canada, and grew up on his parents' farm where he had his first contact with honeybees. His higher education was obtained at North Bay Normal School, Ontario Agricultural College, University of Toronto, University of Wisconsin and University of Berlin. After teaching elementary school for four years, he was in charge of Apiary Products Investigation in the Central Experimental Farms Branch, Ottawa, Ontario.

May 2, 1980 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

William A. Stephen (contd)

Professor Stephen began his extension service career in 1947 at North Carolina State University where he taught beekeeping to mountaineers, commercial beekeepers and hobbyists. On July 1, 1963 he moved to Ohio State as an Extension Specialist in Apiculture where he traveled over the state organizing and conducting short courses in apiculture for the interested public. Above and beyond his formal responsibilities, Professor Stephen was always available to answer questions for students and beekeepers. He also taught a formal course in apiculture at The Ohio State University which provided the students an opportunity to personally manage a colony of honeybees throughout the spring quarter.

Following his retirement June 30, 1973, he accepted an assignment in Greece teaching beekeeping at the American Farm School at Thessaloniki. He and his wife Beth were internationally minded. They visited Europe many times, and a few years ago they traveled around the world spending considerable time in Australia and New Zealand. They were often gracious hosts of many foreign visitors.

On behalf of the University, the Board of Trustees expresses to the family of Professor Stephen its deepest sympathy in its loss. 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 an expression of the Board's heartfelt sympathy.

Warner M. Pomerene

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 30, 1980, of Warner M. Pomerene, a loyal alumnus and benefactor of this University and a member of its Board of Trustees from 1943-51.

Born May 5, 1893, in Coshocton, Ohio, he was a member of a family long associated with the history of the University. His parents, William R. and Annie Warner Pomerene, had attended Ohio State during its early years, and his uncle, Frank E. Pomerene, for whom Pomerene Hall is named, also had been a Trustee from 1905-19.

Warner Pomerene received the Bachelor of Arts degree in 1915 and his law degree in 1917. He was active as a campus leader, heading the Men's Student Council, serving on the board of the *Makio*, the student yearbook, and as a colonel in the cadet regiment. During World War I, he held a captaincy in the Army Field Artillery.

He practiced law his entire professional life in Coshocton. He was a member of the Planning Commission there, and he served also as a director of the Muskingum Conservancy District. He received the 50-year award of the American Bar Association in 1970.

As an alumnus of Ohio State, he contributed significantly to the work of the Alumni Association through his service on both the Alumni Advisory Board and the Association's Board of Directors. The alumni organization honored him in 1970 with conferral of its Alumni Centennial Award and Medallion.

May 2, 1980 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Warner M. Pomerene (contd)

Mr. Pomerene was a major benefactor of the University. His support, and that of Mrs. Pomerene, enabled Ohio State to establish The Warner M. and Lora Kays Pomerene Professorship in Medicine in 1976.

The University conferred its Distinguished Service Award upon him in 1954.

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

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**ESTABLISHMENT OF CENTER FOR WOMEN'S STUDIES
IN THE COLLEGE OF HUMANITIES**

Resolution No. 80-113

Synopsis: The establishment of a Center for Women's Studies in the College of Humanities is proposed.

WHEREAS the Office of Women's Studies and the College of Humanities concur and propose a Center for Women's Studies be established; and

WHEREAS a Center for Women's Studies will promote more effective cooperation and coordination of curriculum development, student advising, research, and service in women's studies; and

WHEREAS a Center will more properly recognize and nurture the essential interdisciplinary nature of women's studies than would other administrative configurations; and

WHEREAS there now exist large numbers of faculty, students, and courses in this University interested in and concerned with women's studies as an academic area; and

WHEREAS the Council on Academic Affairs at its meeting on April 2, 1980, unanimously approved creation of such a Center:

NOW THEREFORE

BE IT RESOLVED, That the resolution adopted by the University Senate on April 12, 1980, for the establishment of a Center for Women's Studies to be housed within the College of Humanities be adopted by the Board of Trustees.

Upon motion of Mr. Devenow, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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May 2, 1980 meeting, Board of Trustees

DISTINGUISHED SERVICE AWARDS

Resolution No. 80-114

Synopsis: Recommendation for eight 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 eight individuals for approval by the Board of Trustees to receive the Distinguished Service Award at the Summer Quarter Commencement Convocation:

Barbee William Durham
Lawrence E. Kunkle
James W. Phillips
Jacqueline D. Sisson
Grady Smith
Leo G. Staley
I. Keith Tyler
Francis P. Weisenburger

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 Dr. Sirak, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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DEGREES AND CERTIFICATES - SPRING QUARTER COMMENCEMENT

Resolution No. 80-115

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

May 2, 1980 meeting, Board of Trustees

DEGREES AND CERTIFICATES - SPRING QUARTER COMMENCEMENT (contd)

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on June 13, 1980, 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. Hilliker, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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UNIVERSITY HOSPITALS BOARD BYLAWS

Resolution No. 80-116

Synopsis: The University Hospitals Board Bylaws are proposed for Board of Trustees' approval.

WHEREAS The Ohio State University Board of Trustees on September 7, 1979 created an ad hoc Committee on Health Affairs to review and make recommendations concerning the governance of University Hospitals; and

WHEREAS that Committee, after a review of the governance arrangements for teaching hospitals at several universities and with the advice of University Health Sciences faculty and staff, recommended that a Hospitals Board be established to assist The Ohio State University Board of Trustees in meeting its responsibilities for providing health care and support of health sciences academic programs at University Hospitals; and

WHEREAS the Board of Trustees on November 30, 1979 amended Rule 3335-1-03 of the Administrative Code to create a University Hospitals Board and adopted a policy statement on University Hospitals' governance defining the Hospitals Board's responsibilities for patient admissions and quality assurance, compliance with federal and state laws, accreditation, medical staff appointments and privileges, medical staff bylaws, and financial affairs of the Hospitals; and

WHEREAS the Board of Trustees on April 4, 1980 appointed twelve citizen members and three trustee members to serve on the Hospitals Board:

NOW THEREFORE

BE IT RESOLVED, That the attached *University Hospitals Board Bylaws* are hereby approved and shall remain in effect until such time as further action may be taken by the Board of Trustees.

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

Chapter 3335-93

UNIVERSITY HOSPITALS BOARD 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, and university hospitals' support of the Ohio state university health sciences academic programs, shall be known as the university hospitals board (herein called board).
- (1) The hospitals board will be composed of three members of the Ohio state university board of trustees (trustee members) and twelve citizens from the general public (citizen members), all appointed by the Ohio state university board of trustees in consultation with the president of the university. No employee of the university shall be eligible for board membership.
 - (2) Insofar as feasible, the selection criteria will ensure that the hospitals board membership will include persons with business expertise, persons with legal expertise, persons with knowledge of health care issues, persons knowledgeable about the academic mission of university hospitals, and persons who can assist the hospitals in its relations with the public and governmental entities. Selection processes will incorporate the affirmative action policies of the university.
 - (3) The term of office for the twelve citizen members will be three years. Of the original twelve such members appointed, four will be appointed for three years, four will be appointed for two years, and four will be appointed for one year. Thereafter, four members will be appointed each year to serve three-year terms. At the discretion of the Ohio state university board of trustees, any citizen member may serve two consecutive terms. Original members with two- or one-year initial appointments may serve two full terms in addition to the initial partial terms.
 - (4) In addition to the hospitals board members, the following will participate in deliberations at the board's request, will receive agenda and minutes, and from time to time will be invited to submit agenda items:
 - Director of university hospitals
 - Deans of health sciences colleges
 - Medical director of university hospitals
 - Chief, hospitals medical staff, or equivalent position
 - (5) The vice president for health sciences, or such other university officer designated by the president, will serve as the university's primary administrative contact with the hospitals board and will assist the chairman of the board in establishing the agenda for board meetings.
 - (6) The director of university hospitals will serve as the non-voting secretary to the board and provide such staff services for the board as may be requested.

UNIVERSITY HOSPITALS BOARD BYLAWS

- (B) In carrying out its responsibilities as defined in rule 3335-93-02 of the Administrative Code, the board shall seek continuing guidance from health professionals, management specialists, and others with professional expertise. The hospitals board may choose to have a periodic review of university hospitals activities by a board of visitors. The visitors, consisting of persons of national eminence in health care fields, would be selected in consultation with the vice president for health sciences and the president of the university.

3335-93-02 Powers and duties.

Members of the hospitals board shall be responsible to the university board of trustees for the oversight of patient care services in university hospitals and for ensuring that the hospitals' activities support the health sciences programs of the university. Although it is understood that the university board of trustees cannot delegate its ultimate authority over and responsibility for the hospitals--including determination of policy for the fiscal health of the university hospitals, its personnel policies, or the definition of the hospitals' mission--the hospitals board will be delegated the authority and responsibility set forth herein, consistent with Ohio law. The university hospitals board will be responsible for, subject to the authority and periodic review of the university board of trustees, the following:

- (A) Oversight of patient services, including admissions and quality assurance policies and practices developed by the hospitals staff.
- (B) Oversight of the hospitals' unique mission to support the health sciences teaching and research programs of the university.
- (C) Oversight of relationships with outside agencies, both private and public.
- (D) Oversight of hospitals' compliance with federal and state laws.
- (E) Oversight of hospitals' accreditation process.
- (F) Approval of medical and dental appointments, clinical privileges, and disciplinary actions upon the recommendation of the appropriate official, subject where required to final action of the Ohio state university board of trustees.
- (G) Approval of medical staff bylaws and recommendation thereof to the Ohio state university board of trustees.
- (H) Review of current funds and capital budgets prior to their submission to the Ohio state university board of trustees by the university president.
- (I) Advice and counsel to the vice president for health sciences on matters of institutional income and expenditures, fees for institutional services, and utilization of hospitals services.

May 2, 1980 meeting, Board of Trustees

UNIVERSITY HOSPITALS BOARD BYLAWS

3335-93-03 Accountability.

To ensure that the Ohio state university board of trustees meets its governance obligations under Ohio law, the hospitals board will be accountable, through the vice president for health sciences and the president, to the Ohio state university board of trustees. In the absence of a vice president for health sciences, the president will designate an officer (designated officer) of the university administration who will be accountable to him directly for the operation of the hospitals.

- (A) The appointment of the 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.
- (B) Recommendations and reports of the hospitals board that require Ohio state university board of trustees' review or action will be communicated through the vice president for health sciences, or designated officer, and the president of the university to the Ohio state university board of trustees.
- (C) The Ohio state university board of trustees will continue to hold the president of the university responsible for the conduct of the academic programs and for ensuring that the hospitals are operated in a manner consistent with university policy and state and federal law.

3335-93-04 Meetings and notice.

- (A) Regular meetings. Regular meetings of the hospitals board may be held at the hospital each month, or on a schedule established by the board, at times which shall be set and publicly announced by the chairman of the board, or at such other time or place as may be announced by the chairman.
- (B) Special meetings. Special meetings may be called at the direction of the chairman, or shall be called by the chairman at the request of three members of the board, provided that notice to all board members shall be given not less than five days prior to the meeting. The notice shall state the time, place, and purpose of the meeting.
- (C) Except as otherwise specified in these bylaws, all meetings of the board and its committees shall be conducted in accordance with the latest revision of "Robert's Rules of Order."
- (D) Meetings of the board shall be open to the public, except for executive sessions called for reasons permissible under Ohio law.

3335-93-05 Quorum.

At least a majority of the current membership of the board shall be necessary for a quorum.

May 2, 1980 meeting, Board of Trustees

UNIVERSITY HOSPITALS BOARD BYLAWS

3335-93-06 Vacancies.

Whenever a vacancy occurs on the board, notice shall be given immediately to the president of the university so that the Ohio state university board of trustees may appoint a new member as soon as possible to fill the unexpired term.

3335-93-07 Removal.

(A) The hospitals board may recommend to the Ohio state university board of trustees that a member of the hospitals board be removed or suspended. Recommendations for suspension or removal by the board shall be made directly to the Ohio state university board of trustees which has sole authority to appoint and remove members of the university hospitals board.

(B) Any board member who has three unexcused absences for three successive meetings, or five unexcused absences in a calendar year, as determined by the chairman, shall be automatically removed.

3335-93-08 Indemnification of board members.

Members of the hospitals board will be provided legal defense and indemnification against any claims or liabilities which might arise from the performance of their duties on behalf of the hospitals to the full extent permitted by Ohio law.

3335-93-09 Compensation of board and board committee members.

No board member shall receive compensation for services rendered in the capacity as a board member. However, nothing herein shall be construed to preclude any board member or committee member from receiving reimbursement for actual expenses incurred for serving the hospitals as a board or committee member.

Chapter 3335-95

OFFICERS OF THE BOARD

3335-95-01 Officers.

The officers of the board shall be members of the board and shall consist of a chairman, vice chairman, and such other officers as the board may deem advisable. The chairman and other officers, chosen from among the citizen members, shall be elected annually by the board. No officer may serve more than two successive terms.

May 2, 1980 meeting, Board of Trustees

UNIVERSITY HOSPITALS BOARD BYLAWS

3335-95-02 Chairman.

The chairman of the board shall appoint all committee members; shall preside at all meetings of the board; shall be responsible for approving agenda for board meetings; shall make an annual report to the university board of trustees and such other reports as the Ohio state university board of trustees may require; shall serve as an ex-officio member, without vote, on all standing and special committees unless otherwise specified in the bylaws. The chairman shall have such other and further duties and authority as may be prescribed elsewhere in these bylaws, or from time to time by the hospitals board.

3335-95-03 Vice chairman.

During the absence of the chairman or the chairman's inability to act, the vice chairman shall perform the duties and exercise the powers of the chairman.

Chapter 3335-97

COMMITTEES

3335-97-01 Committee designations.

The board shall establish an executive committee, a joint conference committee, a finance committee, a facilities and planning committee, and such other committees as it may from time to time deem advisable.

3335-97-02 Executive committee.

- (A) Purpose. The executive committee shall have the power to transact such business of the board between regular meetings of the board as the board may hereafter authorize. All actions of the executive committee shall be reported to the full board at its next regular meeting.
- (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; and the chairmen of all standing committees of the board. The vice president for health sciences, 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 director shall attend all meetings of the executive committee and act as its secretary.

May 2, 1980 meeting, Board of Trustees

UNIVERSITY HOSPITALS BOARD BYLAWS

- (C) Meetings. The executive committee shall meet at the call of the chairman as often as is necessary to accomplish its functions.

3335-97-03 Joint conference committee.

- (A) Purpose. The joint conference committee shall be a forum for discussion of medical policy and practice in the university hospitals and shall advise the board concerning hospitals patient care goals, policies, standards of care, and general operating problems. All recommendations of the medical staff to the board shall first be sent to the joint conference committee for its consideration and recommendation before being acted upon by the board. The committee shall perform such other duties as shall be given it by the board and shall also have the following specific duties:
- (1) Accreditation. The committee shall be responsible for advising the hospitals board on all matters relevant to maintenance of joint commission on accreditation of hospitals' accreditation. The committee shall monitor hospitals operation to identify areas of potential non-compliance with joint commission on accreditation of hospitals' standards and shall make recommendations to the hospitals board and to the medical staff for appropriate action.
 - (2) Disaster planning. The committee shall be responsible for the development and maintenance of methods for the protection and care of hospitals patients and others at the time of internal and external disaster.
 - (3) Medical staff appointments. The committee shall make recommendations to the board on all applications for appointment or reappointment to the medical staff of the hospitals, and on all matters dealing with suspension or revocation of privileges of members of the medical staff, as may be provided under the bylaws of the medical staff.
 - (4) Medical staff bylaws, rules, and regulations. The committee shall recommend to the hospitals board all bylaws, rules, and regulations governing the activities of the medical staff, or amendments thereto, that it may consider necessary to assure proper patient care.
 - (5) Medical staff liaison. The committee shall advise the hospitals board on any communications, requests, or recommendations presented by the medical staff through its duly authorized representatives. The committee shall receive and consider all reports on the work of the medical staff organization and make such recommendations to the board as it considers to be in the best interest of the hospitals. The committee shall also receive and consider issues that may arise in the planning and operation of the hospitals that affect the relationship of the board, hospitals management, and medical staff organization.
- (B) Composition. The hospitals board shall be represented on the committee by the vice chairman of the board, who shall serve as chairman of this committee, and three other members of the board appointed annually by the board chairman.

UNIVERSITY HOSPITALS BOARD BYLAWS

Other members of the joint conference committee will be as follows: the director of university hospitals, the medical director of the hospitals, the associate administrator 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 director of university hospitals will serve as secretary of the committee.

- (C) Meetings. The joint conference committee shall meet on call by the committee chairman and shall advise the board members and medical staff of its activities.

3335-97-04 Finance committee.

- (A) Purpose. The finance committee shall be responsible for advising the board on hospitals financial matters. The committee will review the annual operating budget, monthly financial reports, and any proposals for adjusting hospital charges for services before they are submitted to the board for recommendation to the university administration and the university board of trustees.
- (B) Composition. The finance committee shall consist of three 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 sciences or designee; the Ohio state university vice president for finance and planning 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.
- (C) Meetings. The committee shall meet at the call of the chairman as often as is necessary to perform its duties.

3335-97-05 Hospital facilities committee.

- (A) Purpose. The committee shall monitor the condition of the hospitals facilities and shall have the responsibility for planning and recommending additions, alterations, repair, and maintenance.
- (B) Composition. The committee shall consist of three 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 sciences or designee; the Ohio state university vice president for finance and planning or designee; the Ohio state university vice president for business and administration or designee; and the medical director of the hospitals or designee.
- (C) Meetings. The committee shall meet at the call of the chairman as often as is necessary to perform its duties.

3335-97-06 Special committees.

Special or ad hoc committees of the board may be established by the board.

May 2, 1980 meeting, Board of Trustees

UNIVERSITY HOSPITALS BOARD BYLAWS

Chapter 3335-99

RELATIONSHIPS OF HOSPITALS TO HEALTH SCIENCES,
ACADEMIC, AND RESEARCH PROGRAMS

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 sciences 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.

Chapter 3335-101

MEDICAL STAFF

3335 101-01 General.

The hospitals board holds the medical staff organization accountable to the board for establishing and maintaining standards of medical care. The board will review and approve the medical staff bylaws before they are submitted to the Ohio state university board of trustees.

3335-101-02 Medical staff.

For purposes of Chapter 3335-101 of the Administrative Code, the words "medical staff" shall include all physicians and dentists who are authorized to attend patients in the hospital or in any other medical care activity administered by the hospitals, and may include such other professionals as the medical staff bylaws designate.

3335-101-03 Medical staff organization.

The board shall approve and authorize the organization of the medical staff to discharge those duties and responsibilities assigned to it by the board and specifically to accomplish the following purposes, among others:

- (A) To monitor the quality of medical care in the hospital and make recommendations to the board to ensure that all patients--admitted to or treated at any of the facilities, departments, or services of the hospitals--receive high quality medical care.

May 2, 1980 meeting, Board of Trustees

UNIVERSITY HOSPITALS BOARD BYLAWS

- (B) To recommend to the board the appointment or reappointment of an applicant to the medical staff of the hospitals, the clinical privileges such applicant shall enjoy in the hospitals, and appropriate action that may be necessary in connection with any member of the medical staff.
- (C) To represent the medical staff of the hospitals and to provide the means whereby issues concerning the medical staff and the hospitals are discussed within the medical staff organization and among representatives of the medical staff, the hospitals board, and the hospitals administration.
- (D) To establish specific rules and regulations governing actions of members of the medical staff.

3335-101-04 Medical staff bylaws.

The medical staff organization shall recommend to the board medical staff bylaws, rules, and regulations that set forth the medical staff organization and the governance process for maintaining such bylaws, rules, and regulations to accomplish the purposes set forth in rule 3335-101-03 of the Administrative Code. When such bylaws, rules, and regulations are adopted by the board and the Ohio state university board of trustees, they shall become effective and become part of the bylaws, rules, and regulations of the hospitals. The medical staff organization shall also be responsible for reviewing these bylaws, rules, and regulations periodically and recommending appropriate revisions to the board.

3335-101-05 Appointment to the medical staff and assignment of clinical privileges.

Upon recommendation of the medical staff and in accordance with the medical staff bylaws, the board may appoint faculty members who are graduates of recognized medical and dental schools, meeting the qualifications prescribed in the medical staff bylaws, to membership on the medical staff of the hospitals and shall grant clinical privileges to such persons, subject to ratification of the Ohio state university board of trustees. Appointment to the medical staff carries with it full responsibility for the treatment of individual hospitals patients subject to such limitations as may be imposed by the board or the bylaws, rules, and regulations of the medical staff. Appointments to the medical staff shall be for one year, renewable each year in accordance with the reappointment procedure set forth in the medical staff bylaws. Reappointments to the medical staff will be made annually by the board, and shall be for one year.

3335-101-06 Medical staff administrative committee.

- (A) Purpose. The medical staff administrative committee shall establish and maintain means of accountability to the board, in accordance with the medical staff bylaws. It shall concern itself primarily with the quality of medical care within the hospitals. It shall receive and act upon all medical staff committee reports and make recommendations regarding medical staff status and privileges to the board. Other specific duties of the medical staff administrative committee are identified in the medical staff bylaws.

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UNIVERSITY HOSPITALS BOARD BYLAWS

- (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 services, three at-large members elected by the medical staff, the medical director, and the director of hospitals. The medical director, who is appointed by the dean of the college of medicine and the vice president for health sciences subject to approval by the board, shall serve as chairperson of the medical staff administrative committee.
- (C) **Meetings.** The medical staff administrative committee shall meet monthly. Minutes of the meetings shall be provided to all members of the joint conference committee, the dean of the college of medicine, the dean of the college of dentistry, and the deans of other professional colleges whose faculty have appointment on the medical and dental staffs.

3335-101-07 Hospital clinical services.

- (A) Appointment of the chief of each clinical service is subject to approval by the board on the recommendation of the dean of the applicable professional school and the vice president for health sciences. All such appointments shall be periodically reviewed by the board. Chiefs of clinical services 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.
- (B) The board may delegate, through approval of the medical staff bylaws or by appropriate board resolution, to the chiefs of the clinical services responsibility for maintaining the quality of medical care in their services, and for recommending an applicant's appointment or reappointment to the medical staff of the hospitals and privileges for such an applicant.
- (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 sciences and to the board. In matters relating to medical care in the hospitals, members of the clinical services 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.

Chapter 3335-103

AMENDMENTS TO BOARD BYLAWS

3335-103-01 Amendments to board bylaws.

These bylaws may be amended or replaced in whole or in part by the Ohio state university board of trustees.

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May 2, 1980 meeting, Board of Trustees

**THE OHIO STATE UNIVERSITY HOSPITALS:
STATEMENT OF MISSION**

Resolution No. 80-117

Synopsis: A Statement of Mission for the University Hospitals is proposed.

WHEREAS The Ohio State University Board of Trustees on November 30, 1979, adopted a policy statement on University Hospitals governance calling for the adoption of a Mission Statement for the University Hospitals defining the University's expectations regarding the patient care activities of the Hospitals and the Hospitals' role in the University's teaching and research programs; and

WHEREAS the ad hoc Committee on Health Affairs of the Board of Trustees has sought advice from the health sciences Deans, the Acting Vice President for Medical Affairs, the Executive Committee of University Hospitals, and the University concerning the Hospitals' role in the health sciences programs:

NOW THEREFORE

BE IT RESOLVED, That the attached Statement of Mission for University Hospitals hereby is approved and shall henceforth serve as the University Hospitals' frame of reference for the conduct of its affairs.

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

STATEMENT OF MISSION

The Ohio State University Hospitals was created by the State of Ohio to provide an environment to support the teaching of health professionals and the conduct of research in the health sciences. The Hospitals also serves as a valuable health care resource, not only for the citizens of Central Ohio, but also for the entire state and, in some specialized aspects, for the nation.

As an academic health center, The Ohio State University Hospitals is expected to provide patient care, to support the teaching of health professionals, and to function as a laboratory for expanding knowledge in the health sciences. This three-part mission differentiates the University Hospitals from community hospitals and from those teaching institutions that are not simultaneously engaged in providing direct public service.

The mission of the University Hospitals includes the following goals:

- I. *Patient Care.* The University Hospitals must provide excellent patient care services in response to local, state, and in some instances, national needs.

The Hospitals must provide a full range of services, including fundamental primary care programs-both within the University setting and at other

**THE OHIO STATE UNIVERSITY HOSPITALS:
STATEMENT OF MISSION (contd)**

sites-while at the same time providing highly specialized care that is unavailable to patients in other non-university settings. Certain types of specialized care in Ohio are found *only* at the OSU Hospitals.

The Hospitals must provide well-organized modern health care services for ambulatory patients not requiring hospitalization and must provide emergency medical services that are integrated with the total emergency service network of Central Ohio and of the State.

The University Hospitals must strive to provide leadership in the development of model health care programs that can improve the quality of life. It is imperative that the Hospitals develop and implement preventative programs, foster cost savings in the delivery of health care, and use fully the skills of all health care professionals so that comprehensive health care can become a reality for citizens of the State of Ohio. Through these model programs, the University's Hospitals can serve as a resource to other hospitals and health care institutions as well as to public groups concerned with health care issues and policy.

- II. *Teaching.* Integration of the various health services professions must be fully realized in the University Hospital setting and experienced there by students in order to achieve educational goals.

The University Hospitals will provide an environment to support the University's educational programs for students, faculty, staff, practitioners, and others interested in learning, teaching, practicing, maintaining, and discovering skills in the health services.

The University Hospitals will serve as the primary teaching laboratory for students in the health sciences programs of the University, including programs in medicine, pharmacy, nursing, dentistry, optometry, and the allied medical professions.

The University Hospitals will participate in the University's continuing education programs for health care professionals both within the hospital and throughout the State of Ohio, and will support University efforts to disseminate community health education information to health professionals.

The Hospitals will also provide education programs for its patients as a means of helping those patients become involved in the process of improving the status of their health.

- III. *Research.* Outstanding university hospitals create places in history for themselves by the discoveries that occur within their walls.

The University Hospitals will support the research mandate of the University health sciences. The University Hospitals will provide an environment for

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**THE OHIO STATE UNIVERSITY HOSPITALS:
STATEMENT OF MISSION (contd)**

research of a fundamental or biomedical level, in patient care or at the clinical level, and in health care delivery at the organization level.

The facilities planning and general management of the Hospitals will be conducted in a manner that recognizes fully the Hospitals' supporting role for these University goals.

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PERSONNEL ACTIONS

Resolution No. 80-118

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Resignation; Appointments; New and/or Reappointment of Chairmen of Departments and Academic Faculties; Leaves of Absence Without Salary; Professional Improvement Leaves; and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the April 4, 1980 meeting of the Board, including the following Resignation; Appointments; New and/or Reappointment of Chairmen of Departments and Academic Faculties; Leaves of Absence Without Salary; Professional Improvement Leaves; and Emeritus Titles as detailed in the University Budget for 1979-80, be approved.

Resignation

C. ROGER SMITH has requested that he be relieved of his duties as Dean of the College of Veterinary Medicine, effective June 30, 1980.

Appointments

Name: RONALD A. WRIGHT
Titles: Dean, College of Veterinary Medicine and Professor, Department of Veterinary Clinical Sciences
Effective: July 1, 1980
Salary: \$50,040.00 (12 months)
Present Positions: Associate Dean, College of Veterinary Medicine and Professor, Department of Veterinary Clinical Sciences

Name: MITCHEL D. LIVINGSTON
Title: Dean of Student Life
Office: Student Services
Effective: July 1, 1980
Salary: \$36,900.00 (12 months)
Present Position: Director of Residence Services, University of Iowa

May 2, 1980 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

New and/or Reappointment of Chairmen of Departments and Academic Faculties

July 1, 1980 through June 30, 1984

Exceptional Children	Thomas M. Stephens
Genetics	J. Bruce Griffing
*Humanities Education	Gilbert A. Jarvis
Industrial Technology	Donald G. Lux
*Science and Mathematics Education	Arthur L. White
Special Services	Joseph J. Quaranta

October 1, 1980 through September 30, 1984

Anthropology	Daniel T. Hughes
English	Julian Markels
*Finance	Ronald L. Racster
Geodetic Science	Urho Uotila
*Philosophy	Alan M. Hausman
*Physics	S. Leslie Blatt

*New appointment

Leaves of Absence Without Salary

ARTHUR CULLMAN, Professor, Academic Faculty of Marketing, effective January 1, 1981 through March 31, 1981, to participate in professional meetings.

CHARLES M. ATKINSON, Associate Professor, School of Music, effective October 1, 1980 through September 30, 1981, to accept a research fellowship granted by the Alexander von Humboldt Foundation in Germany.

DUN MOW HONG, Assistant Professor, Department of Economics (Lima Campus), effective April 1, 1980 through June 30, 1980, for personal reasons.

BILLIE J. WHITE, Instructor, School of Nursing, effective March 31, 1980 through June 30, 1980, for personal reasons.

Professional Improvement Leaves

RANBIR S. SANDHU, Professor, Department of Civil Engineering, be changed from Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980 to Spring Quarter 1980.

SIA K. WONG, Associate Professor, Department of Mathematics, to be changed from Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981, to Autumn Quarter 1981, Winter Quarter 1982 and Spring Quarter 1982.

May 2, 1980 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles

PAUL G. CRAIG, School of Public Administration, with the title Professor Emeritus, effective July 1, 1980.

CHRISTEN T. JONASSEN, Department of Sociology, with the title Professor Emeritus, effective July 1, 1980.

JOHN D. KRAUS, Department of Electrical Engineering, with the title Professor Emeritus, effective July 1, 1980.

HERBERT S. PARNES, Department of Economics, with the title Professor Emeritus, effective September 1, 1980.

OSBORN T. SMALLWOOD, Department of Communication, with the title Professor Emeritus, effective July 1, 1980.

WALTER G. VENZKE, Department of Veterinary Anatomy, with the title Professor Emeritus, effective July 1, 1980.

DELOS D. WICKENS, Department of Psychology, with the title Professor Emeritus, effective July 1, 1980.

FRANK THOMAS GAUMER, School of Journalism, with the title Associate Professor Emeritus, effective July 1, 1980.

TYYNI N. HUMMEL, Cooperative Extension Service, with the title Associate Professor Emeritus, effective July 1, 1980.

TILLMAN J. JOHNSON, Department of Botany, with the title Associate Professor Emeritus, effective July 1, 1980.

DAVID B. McCALMONT, Department of Economics, with the title Associate Professor Emeritus, effective July 1, 1980.

ROBERT V. CLENDENEN, College of Dentistry - Prosthodontics, with the title Assistant Professor Emeritus, effective July 1, 1980.

NANCY M. DASHER, Department of English, with the title Assistant Professor Emeritus, effective July 1, 1980.

JACK L. LANDES, Office of Campus Planning and Space Utilization, with the title Assistant Director Emeritus, effective May 1, 1980.

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

May 2, 1980 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

President Enarson:

I would now like to recognize Ron Wright, who is our new dean of the college, and simply say that you have our complete confidence as you undertake an extremely important assignment. We went through, in fact and in truth, a national search, and we concluded that the best person available, and a very fine individual indeed, was Ron Wright, and we're counting on a brilliant career for you there. Thank you.

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REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

Resolution No. 80-119

Synopsis: The report on contracts, grants and gifts and the summary for March 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 Office of Business and Administration of the University, 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 Office of Business and Administration, the Engineering Experiment Station, and The Ohio State University Development Fund during the month of March 1980, be approved.

Upon motion of Dr. Sirak, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

May 2, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR MARCH 1980

Source	No. of Projects	Support Level
Office of Business and Administration	4	\$ 23,020.00
The Ohio State University Research Foundation	80	3,507,366.93
Engineering Experiment Station	40	362,626.00
		\$3,893,012.93
The Ohio State University Development Fund	2,896 Donors	\$ 608,643.69
Establishment of Named Funds		
The William E. Cofman Scholarships (Colleges of the Arts and Sciences)		\$ 48,000.00
The Marc Tetalman Memorial Fund (Department of Radiology)		\$ 10,550.00
The Dr. Robert C. McMaster Scholarship in Welding Engineering (Department of Welding Engineering)		\$ 7,208.00
Charles A. Kienzle Memorial Fund (College of Law)		\$ 6,941.33
Paul N. Williams Memorial Scholarship Fund (School of Journalism)		\$ 5,025.00
Wood County Scholarship Fund (Undergraduates - Wood County)		\$ 5,000.00

May 2, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR MARCH 1980 (contd)

Report from Presidents Club

Members to date	4,062
1980: year to date	676
New members - March 1980	467

New Presidents Club Members - March 1980

Dina M. Albanese	Charles H. Brewer, Jr.
Clifford Alexander	Thomas A. Bringardner
Nicholas Z. Alexander	James K. Brooker
Douglas R. Anderson	Carl L. Broughton
Richard D. Anderson	Paul R. Brown
Thomas G. Andrian	Robert L. Brown
Robert D. Archibald	William W. Brown III
James V. Armogida	William C. Bryant
Robert G. Armstrong	Joseph O. Bull
James E. Arnold	Charles L. Burd
Roberto Arpino	Keith D. Burgett
Mary Ann Arthur (Mrs. William E.)	James H. Burris
Mark C. Aukeman	Nancy L. Bush (Mrs. Donald)
Jyl L. Auxter	Walter T. Buss
Robert Babich	Ruth Huber Cahill (Mrs. Vern R.)
James F. Bagenstose	Robert L. Caldwell
Lena C. Bailey	Martha M. Callihan (Mrs. Dennis)
Richard S. Baldrige	Atila N. Can
Craig D. Barclay	Charles G. Casey
William D. Barker	Raymond Casey
Robert A. Barnes	Jean N. Cattaneo (Mrs. Stephen M.)
John D. Barney, Sr.	Joanna L. Cavendish
Glenn W. Barnhart	(Mrs. Thomas E.)
A. Mark Barnick	Lewis C. Chadwick
Phillip H. Barrett	Jean M. Chandler (Mrs. John L.)
Howard R. Baum	John L. Chandler
Marvin R. Beam	Joseph A. Chinnici, Jr.
Robert J. Behal	Michael R. Chrisman
William A. Behnke	Marilyn L. Chute
Guy R. Bertetich	Rodney B. Clark
Robert S. Bickis	William S. Clayton II
Stephen G. Biegel	Robert T. Clutterbuck
Nancy D. Bishop	Philip E. Cochran
Daniel E. Blickenstaff	Robert E. Cogan
David E. Bloom	Gary C. Cogley
Catherine R. Bloomberg	Garry D. Cole
(Mrs. Allen I.)	Thomas S. Cook
William E. Boggess	William C. Cook II
Edward J. Bonkowski	William L. Cook
Robert K. Bowen	Robert E. Cope
Robert J. Bowman	Craig L. Cottingham
Kent H. Brandt	Charles P. Crabill, Jr.
Robert C. Brassier	John M. Crabill

May 2, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR MARCH 1980 (contd)

New Presidents Club Members - March 1980 (contd)

V. G. Crago	Merlin R. Funderburg
Jere J. Crean	Michael M. Gahn
Dan J. Crocker	Michael D. Gallagher
John M. Curphey	Douglas M. Galloway
Daniel J. Cutillo	R. William Gardner
K. Pete Czaruk	Gregory R. Garner
Alan L. Daniels	J. Charles Garvin
Jeffrey M. Daniels	M. Sutter Gavin
Stuart L. Daniels	Susan C. Geiger
Gerald A. Davis	Paul A. Gelpi
Robert D. Davis	Mildred S. George (Mrs. Noel F.)
William E. Davis, Jr.	Diane M. Geswein
John E. Dearth	Ernest C. Ghrist
Pamela S. DeVoe	Randy L. Gibson
William C. Dew	Carol M. Gillespie (Mrs. Thomas E.)
Ronald M. Dolinger	Anne M. Glavan
David J. Donofrio	Martin S. Goldberg
Francis P. Doone	Iva E. Gollan (Mrs. John A.)
John E. Dowler	Thomas W. Gosiorowski
Charles A. Dozer	Steven A. Graber
Louise M. Drummond (Mrs. Paul)	Barbara J. Graft (Mrs. Frederick J.)
Glen A. Dudley	Stanley A. Greenwald
Louis Durborow	Ralph H. Grimshaw
Betty J. Early (Mrs. Willis F.)	Larry C. Grover
Brent A. Eberhard	Dennis A. Guenther
Bruce K. Eberhard	Robert D. Guss, Jr.
Josephine L. Eberhard	William R. Gustaferro
(Mrs. Ronald D.)	George R. Haag
Kirk R. Eberhard	Elaine H. Hairston (Mrs. George W.)
Nadine F. Elder	George W. Hairston
Mary Francis Emens (Mrs. J. Richard)	Marjorie G. Hall
Daniel L. Emmons	Stephen C. Hall
Merrill B. Epperson	Jerry H. Haller
John R. Estadt	John J. Hannan
Sara Ann Evans (Mrs. Robert D.)	Daniel L. Harper
Mary Evans Eyerman	J. Joseph Harper
Michael C. Fair	K. Richard Harr
Robert G. Fais	Norman L. Harris
James M. Falko	Kenneth V. Harshman
Henry S. Feinberg	John C. Hartranft
Robert M. Feldman	Lorena C. Hawley (Mrs. Chester G.)
William G. Fogle	Philip C. Hawley
James J. Foley	C. Luther Heckman
Samuel P. Frantz	Clifford V. Heer
Don William P. Fraser	Diann L. Helber
Melanie B. Friedman	Ladd L. Heldenbrand
David I. Frizzell	Robert S. Hendrix III
Jeffrey E. Fromson	Constance G. Hensal (Mrs. James E.)
Charles L. Fulks	Tye J. Henschen

May 2, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR MARCH 1980 (contd)

New Presidents Club Members - March 1980 (contd)

Barbara Anne Hering (Mrs. James S.)	Richard T. Larkins
Douglas E. Herr	Robert A. Lauer
John E. Herr	Myron J. Leff
William D. Herring	Edward S. Levi
F. Leon Herron	Steven T. Liberatore
William C. Hicks	William J. Lightfoot
Michael L. Hiller	Linda L. Lind
Ted L. Hilty	Melinda J. Lindsay
Richard J. Hobbs	Joseph D. Lonardo
Jeffrey T. Hodge	Harry H. Long, Jr.
R. Bruce Hohn	Forest D. Loudenslager
Philip B. Hollander	Maynard L. Love
C. H. Hosey	Dale C. Lucas
Cheryl Ann Hoskinson	Dan J. Lycans
Roger V. Howard	Arlynn H. Lyle (Mrs. James W.)
Rowena Stout Huddle	Richard C. Lyons
Ralph W. Hughes	Timothy B. Lyons
Tyyni N. Hummel	Ronald H. MacDonald, Jr.
Harry B. Hummer	Richard W. Mack
James R. Ingram	James L. Mackin
D. Larry Ishida	Iris E. Macumber
Charles A. Jacoby	David S. Mallory
Cynthia B. Jeffrey (Mrs. Joseph A.)	Brian R. Malowney
Johanna H. Johnson	Dale K. Manbeck
(Mrs. Ramon E.)	G. Gregory Marquis
Mark W. Jones	H. W. Martinez
Raymond R. Jones	Patricia D. Mathews
Robert W. Jones	Earl E. Mayer, Jr.
Victor P. Kademenos	Margaret McCandless
Raymond Kahn	J. Michael McCloskey
Shepard L. Kahn	Dona L. McConnell
Paul M. Kalmbach	Raymond W. McCoy
Perry M. Kantner	Dennis N. McFadden
Richard S. Kattouf	John H. McKewen III
John C. Keggan	William M. McLaughlin
Charles J. Kegler	Kenneth K. McMahon
John Kilsheimer	Esther A. Meacham
Gary S. Kinsey	Joseph A. Meacham
James D. Kiourtsis	Nelson M. Melick
Rose Marie Kolibash	Daniel B. Menerey
David C. Koncal	Hermann Meyer
Stella B. Kontras	W. Gerhardt Miefert III
Paul S. Kormanik	Stella B. Milburn
Roy M. Kottman	Terrance M. Miller
Arthur Z. Kovesdy	Dorothy P. Mills
John F. Kozlowski	Mildred L. Minister (Mrs. Howard W.)
Randall A. Kugler	Herbert E. Minkin
David Lancione	M. Douglas Minnich
Mary Lapitsky	Loran L. Miracle

May 2, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR MARCH 1980 (contd)

New Presidents Club Members - March 1980 (contd)

Mark C. Mirken	James F. Robeson
Edwin L. Mitchell	Donald L. Robinson
David R. Monfort	Robert C. Robinson
Darrell A. Montonaro	Beverly S. Roche (Mrs. Patrick W.)
Paul E. Moody, Jr.	Philip J. Rogers
Dwight H. Morehead	John C. Rosenberger
John H. Morrow	Bruce I. Roth
Robert P. Mullen	David B. Roth
Mark D. Munn	Michael J. Rozen
Karl S. Musgrave	Richard L. Rudy, Sr.
Robert H. Myers	James A. Rumbaugh
Theodore B. Myers	Leo L. Rummell
Philip A. Nabil	Charles R. Ryan
Ellen H. Neidenthal	Charles Sabo
Charles A. Nitschke	Alma M. Saddam
Frank R. Nutis	David A. Saphire
Michael B. Olinger	James E. Sargent
James S. Oliphant	Sue A. Schaeffer
James D. Owen	Cynthia Ann Scheetz
Gary R. Owens	David R. Schilling
Charles L. Parker	Bruce A. Schindler
John H. Patterson	J. Daniel Schmidt
Richard G. Payne	Thomas O. Schnell
Elwood R. Phillips	John P. Schooley
Wayne W. Phillips	Carol H. Schuller (Mrs. David E.)
Keith A. Pierce	Bruce D. Schwartz
Jack R. Pigman	Stephen E. Seilheimer
Ann L. Pizzuti	Richard C. Sensenbrenner
J. Richard Pollock	G. Shawn Sentz
George H. Pommert	Wesley E. Shankland
Joe Ponzani	Charles E. Shanklin
Lorri A. Porcello	Russell C. Shaw
Samuel H. Porter	Kenneth D. Sherman
John P. Posani	Roger D. Shively
Ermal W. Preston	Neil P. Shnider
John E. Price	Patricia Ann Short
William H. Price II	Jonathan L. Shorts
James L. Pritchard	Donna L. Shreiner
Stephen F. Probst	Sonja J. Shuman
K. Brian Pugh	Steven R. Simpson
William C. Pursch	Douglas A. Simpson
Lisa Anne Puskarich	James F. Sipp
Frank E. Quirk	Lucy A. Sitterle (Mrs. Seraphin)
Richard H. Reder	(In Memoriam)
Nicholas E. Reed	Seraphin Sitterle (In Memoriam)
James L. Reeves	Norman R. Sleight
Charles W. Ress	Ramsay H. Slugg
Thomas J. Riley	Eugene J. Smayda III
Robert M. Robbins	Allan W. Smith

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR MARCH 1980 (contd)

New Presidents Club Members - March 1980 (contd)

Howard D. Smith
Sally S. Smith
Jerry W. Snyder
Robert A. Snyder
George K. Soller
Richard L. Solove
John V. Spalla
Edward D. Sparks
Jill L. Spriggs
Donald R. Sprowls
Gary A. Stanton
Jerald P. Starr
James D. Stauffer
Robert E. Stearns
Richard G. Stein
John S. Steinhauer
James Stillwagon
David J. Stock
Stewart F. Stock
Robert D. Stocklin
Robert M. Strapp
Paul Streibig
Earl O. Strimple
William B. Sturkey
Joseph A. Sugar, Jr.
David M. Sullivan
James P. Sullivan
Jack D. Sutherland
Carol J. Svensson
Mark E. Svensson
Jean M. Swartz
Ruth A. Sweeney
Robert C. Sylvester
John H. Szlag
Bert W. Taylor
Patricia B. Taylor
Dorothy S. Teater
Michael J. Telich
Gregory H. Thirtyacre
John R. Thomas
Isidóros S. Tiano
John P. Tighe
Gerald J. Todaro
Frances E. Roehm Tracy
(In Memoriam)
Charles A. Triplehorn
David J. Utlak

A. Scott Utley
James E. Valentine
Joseph E. Van Buskirk
Albert W. Van Fossen
Grant K. Varian
Alan K. Veatch
William K. Vincett
Joseph H. Vivian
Virginia M. Vivian
Roy E. Von Ins
Harold L. Voss
Richard A. Vossler
John H. Waldock
Walt M. Wallace
George E. Walter
David J. Ward
Paul W. Ward
Thomas E. Waters
Kenneth G. Watkins
Catherine J. Webber
David B. Webber
Jacob F. Weis
Richard E. Weisbarth
Richard Weisenstein
Richard A. Weisheimer
C. David Welsheimer
Stephen D. Wenger
J. Ralston Werum
Edward F. Whipps
Jerry L. Whitacre
Eugene M. White
David C. Williams
Richard B. Wilson
A. O. Wing
Ginger A. Winowich
John C. Wise
John S. Wiseman
Edward J. Wnek
George Wollensiegel
Daryl E. Woodard
Wallace B. Wright
John T. Yarrington
Robert S. Young
Zoltan F. Zander
William E. Zipf
Virginia I. Zirkle

May 2, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THIRD QUARTER SUMMARY

January 1, 1980 through March 31, 1980

OFFICE OF BUSINESS AND ADMINISTRATION

Source	No. of Projects	Support Level
FEDERAL	1	\$ 5,000.00
STATE OF OHIO	5	24,808.92
GRAND TOTAL	6	\$29,808.92

May 2, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THIRD QUARTER SUMMARY

January 1, 1980 through March 31, 1980

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Source	No. of Projects	Support Level
FEDERAL		
Department of Energy	6	\$ 1,275,325.00
National Aeronautics and Space Administration	11	382,745.00
National Science Foundation	28	1,418,527.00
Department of Defense	10	870,300.00
Department of Health, Education and Welfare	34	7,309,307.00
Other Federal	22	5,341,652.00
TOTAL - FEDERAL	111	\$16,597,856.00
STATE OF OHIO	21	\$ 356,361.33
INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL SPONSORS	63	\$ 1,442,631.60
GRAND TOTAL	195	\$18,396,848.93

May 2, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THIRD QUARTER SUMMARY

January 1, 1980 through March 31, 1980

ENGINEERING EXPERIMENT STATION

Source	No. of Projects	Support Level
STATE OF OHIO	1	\$ 45,001.00
INDUSTRIAL AND OTHERS	129	580,459.00
GRAND TOTAL	130	\$625,460.00

May 2, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION

State of Ohio Research Contracts/Grants

\$6,800.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Improving Distributive Education Teacher-Coordinator Skills in Teaching Economics and Marketing, Academic Faculty of Vocational-Technical Education, March 1, 1980 through March 31, 1980.

\$5,500.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Development and Updating of Occupational Work Adjustment Curriculum, Academic Faculty of Vocational-Technical Education, June 16, 1980 through June 27, 1980.

\$5,500.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Occupational Work Adjustment Language Workshop, Academic Faculty of Vocational-Technical Education, March 31, 1980 through June 30, 1980.

\$5,220.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Learning Activity Package Revision for Ohio's Participation in the Interstate Distributive Education Curriculum Consortium, Academic Faculty of Vocational-Technical Education, March 1, 1980 through August 31, 1980.

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS **\$23,020.00**

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$1,000,000.00 - Department of Energy, Washington, D. C., Research and Technical Assistance in Public Utility Regulation Primarily for State Commissions, National Regulatory Research Institute (D. N. Jones), 15 October 1979 through 14 November 1980. (Project 761932 - New)

\$173,635.00 - National Science Foundation, Washington, D. C., Complex Animation and Complex Object Synthesis, Department of Art Education (C. A. Csuri), Department of Computer and Information Science (R. E. Parent), and Department of Electrical Engineering (K. W. Olson), 1 April 1980 through 31 March 1981. (Project 762077 - New)

\$160,900.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Studies on the Epstein-Barr Virus and Its Association With Nasopharyngeal Carcinoma, Department of Medical Microbiology (R. Glaser), 1 April 1980 through 31 March 1981. (Project 761081 - Continuation)

May 2, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$107,400.00 - National Science Foundation, Washington, D. C., Acquisition of Computer Science Research Equipment, Department of Art Education (C. A. Csuri), 1 May 1980 through 30 April 1981. (Project 762094 - New)

\$106,018.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Biologically Important Carbohydrates, Department of Chemistry (D. Horton), 1 April 1980 through 31 March 1981. (Project 760025 - Continuation)

\$100,000.00 - Department of the Interior, Geological Survey, Reston, Virginia, Analysis and Evaluation of Water Quality Data and Monitoring System Efficiency and Utility in the Ohio River Basin, Department of Civil Engineering (E. E. Whitlatch, R. M. Sykes, and V. T. Ricca), 1 March 1980 through 28 February 1981. (Project 762051 - New)

\$89,160.00 - National Science Foundation, Washington, D. C., Dynamics and Control of Industrial Manipulators and Legged Locomotion Systems, Department of Electrical Engineering (R. B. McGhee, C. A. Klein, and S. H. Koozekanani), 1 January 1980 through 31 December 1980. (Project 761487 - Continuation)

\$87,000.00 - National Science Foundation, Washington, D. C., Liquid Helium at Low Temperatures, Department of Physics (D. O. Edwards), 1 April 1980 through 31 March 1981. (Project 761582 - Continuation)

\$76,503.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Biotransformation of M-Amsa and Related Analogues, College of Pharmacy (L. Malspeis), 1 April 1980 through 31 March 1981. (Project 762091 - New)

\$68,953.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Deletions and Mitochondrial Genetic Recombination, Department of Genetics (P. S. Perlman and C. W. Burky), 1 April 1980 through 31 March 1981. (Project 764400 - Continuation)

\$67,241.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, Full-Scale Field Demonstration of Unheated Anaerobic Contact Stabilization, Department of Civil Engineering (R. M. Sykes), 1 April 1980 through 31 March 1982. (Project 762061 - New)

\$60,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Basic Research for the Geodynamics Program, Department of Geodetic Science (I. I. Mueller), 15 March 1980 through 31 January 1982. (Project 761054 - Continuation)

May 2, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$53,000.00 - National Science Foundation, Washington, D. C., Structural Effects on Chemical Reaction Rates and Equilibria, Department of Chemistry (J. Hine), 15 March 1980 through 31 March 1981. (Project 762076 - Continuation)

\$52,420.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Biologically Active Alkaloids, Department of Chemistry (D. J. Hart), 1 April 1980 through 31 March 1981. (Project 762083 - New)

\$52,000.00 - Department of the Army, Ballistic Missile Defense System Command, Huntsville, Alabama, Research on Fast Semiconductor Infrared Optical Spatial Light Modulators, ElectroScience Laboratory, Department of Electrical Engineering (M. O. Thurston and S. A. Collins), 18 March 1980 through 17 March 1981. (Project 762090 - New)

\$49,825.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Calculator Information Center, Academic Faculty of Science and Mathematics Education (M. N. Suydam), 18 March 1980 through 17 March 1981. (Project 762053 - Continuation)

\$47,836.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Open Loop Forcing of Chest Volume and CO₂ Concentration, Department of Physiology (A. L. Kunz), 1 April 1980 through 31 March 1981. (Project 761572 - Continuation)

\$47,065.00 - Department of Energy, Laramie Energy Technology Center, Laramie, Wyoming, Structural and Fracture Mechanics Modeling Associated with Underground Coal Conversion, Department of Engineering Mechanics (S. H. Advani), 1 April 1980 through 31 March 1981. (Project 762087 - New)

\$47,024.00 - National Science Foundation, Washington, D. C., College Faculty Conference, Department of Mechanical Engineering (J. E. John), 1 April 1980 through 30 September 1981. (Project 762097 - New)

\$44,890.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Ignition, Combustion, Detonation and Arresting of Unconfined and Confined Reactive Mixtures, Department of Aeronautical and Astronautical Engineering (R. Edse), 1 April 1980 through 31 March 1981. (Project 761050 - Continuation)

May 2, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$44,538.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Nucleotidyl and Phosphotransferase Stereochemistry, Department of Chemistry (P. A. Frey), 1 April 1980 through 31 March 1981. (Project 761076 - Continuation)

\$42,793.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Plasmalogenase and White Matter Injury, Department of Physiological Chemistry (L. A. Horrocks), 1 April 1980 through 31 March 1981. (Project 761074 - Continuation)

\$40,800.00 - National Science Foundation, Washington, D. C., Molecular Beam Studies of Reactions of Laser-Excited Metal Atoms With Gases Using Spectroscopic Detection of Products, Department of Chemistry (J. M. Parson), 1 March 1980 through 28 February 1981. (Project 762056 - Continuation)

\$40,535.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis of Anthracycline Antitumor Agents, Department of Chemistry (J. S. Swenton), 1 February 1980 through 31 January 1981. (Project 761021 - Continuation)

\$35,767.00 - National Science Foundation, Washington, D. C., Serial Relations: Research and Theory on Dynamic Context Effects, Department of Psychology (M. R. Jones), 1 May 1980 through 30 April 1981. (Project 761104 - Continuation)

\$35,641.00 - National Science Foundation, Washington, D. C., The Approximation Theory, Department of Mathematics (W. J. Davis and J. Lindenstrauss), 1 July 1980 through 30 June 1981. (Project 761132 - Continuation)

\$30,804.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Sugar Nucleotides and Analogs, Department of Biochemistry (E. J. Behrman), 1 April 1980 through 31 March 1981. (Project 760152 - Continuation)

\$29,643.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Deformation Structures in Metal Crystals Due to Wear and Machining at High Speeds, Department of Industrial and Systems Engineering (J. T. Black), 1 April 1980 through 31 December 1980. (Project 760931 - Continuation)

May 2, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$28,682.00 - Department of the Interior, Bureau of Mines, Washington, D. C., Phase Equilibrium Studies of Refractory Oxide Systems, Department of Ceramic Engineering (C. E. Semler, Jr.), 27 February 1980 through 26 December 1980. (Project 762060 - New)

\$23,873.00 - Department of the Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Changes in the Organ of Hearing Produced by Sound, Department of Otolaryngology (D. J. Lim and W. Melnick), 17 March 1980 through 30 September 1980. (Project 762072 - New)

\$21,826.00 - Department of Energy, Argonne National Laboratory, Argonne, Illinois, Development of Computer Simulations for Landfill Methane Recovery, Department of Civil Engineering (C. A. Moore), 1 January 1980 through 31 August 1980. (Project 761802 - Continuation)

\$21,184.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Simulation Studies for Development of Truck Braking Standards, Department of Mechanical Engineering (K. Waldron), 1 March 1980 through 28 February 1981. (Project 762085 - New)

\$19,000.00 - National Science Foundation, Washington, D. C., Applications of the Weil Representation to Lifting Theory and to Cohomology of Discrete Groups, Department of Mathematics (S. J. Rallis), 1 July 1980 through 30 June 1982. (Project 762078 - Continuation)

\$15,904.00 - National Science Foundation, Washington, D. C., Geometry of Nuclear Spaces, Department of Mathematics (B. Mityagin), 1 July 1980 through 30 June 1981. (Project 762079 - New)

\$12,807.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, The Corneal Environment, College of Optometry (R. M. Hill), 1 April 1980 through 31 March 1981. (Project 761080 - Continuation)

\$8,739.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Test Data Processing and Analyses Related to the SRL10 System, Department of Electrical Engineering (H. Hemami), 1 January 1980 through 30 June 1980. (Project 762063 - New)

\$8,000.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Control of Synaptogenesis in Cultures of the Central Nervous System, Department of Anatomy (R. W. Burry), 1 December 1979 through 30 November 1980. (Project 761963 - Continuation)

May 2, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$7,762.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunity to Tumor - Localized, Chemically-Modified Drugs, Department of Pathology (R. F. Barth), 1 August 1979 through 31 July 1980. (Project 761801 - Continuation)

\$7,624.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Methods for Predicting Particle Wake Interaction in Aerial Applications, Department of Aeronautical and Astronautical Engineering (G. Gregorek), 10 March 1980 through 14 November 1980. (Project 762070 - New)

\$7,120.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., ERIC Information Analysis Center for Science, Mathematics, and Environmental Education, Academic Faculty of Science and Mathematics Education (R. W. Howe), 1 January 1979 through 30 June 1979. (Project 761083 - Continuation)

\$7,000.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Chemical Carcinogen Induced Neoplastic Transformation, Departments of Physiological Chemistry and Veterinary Pathobiology (G. E. Milo), 1 July 1979 through 31 December 1980. (Project 761756 - Continuation)

\$6,794.00 - National Science Foundation, Washington, D. C., Mediated Electron Transfer and Derivatized Electrode Surfaces, Department of Chemistry (T. Kuwana), 1 March 1980 through 31 August 1980. (Project 760646 - Continuation)

\$6,639.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Pedestrian Laboratory and Field Test Data Analysis Procedure Development, Department of Mechanical Engineering (D. A. Guenther), 1 January 1980 through 30 June 1980. (Project 762052 - New)

\$6,213.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Computer Modeling and Vehicle Collision Data Analysis, Department of Mechanical Engineering (D. A. Guenther), 1 January 1980 through 30 June 1980. (Project 762054 - New)

\$4,367.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Test Data Processing and Analyses Related to the SRL 17 System, Department of Electrical Engineering (H. Hemami), 1 January 1980 through 30 June 1980. (Project 762064 - New)

May 2, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$3,877.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Spectroscopic Investigations of Bright Gaseous Nebulae, Department of Astronomy (S. J. Czyzak), 15 April 1980 through 14 April 1981. (Project 762100 - New)

\$3,490.00 - Department of Labor, Employment and Training Administration, Washington, D. C., Monograph on Symposium Proceedings, National Center for Research in Vocational Education (R. E. Taylor), 19 February 1980 through 18 April 1980. (Project 762089 - New)

\$2,780.00 - National Science Foundation, Washington, D. C., Publication: Proceedings of the Second International Conference of Austroasiatic Linguistics, Department of Linguistics (D. R. Dowty and D. L. Stampe), 1 March 1980 through 28 February 1981. (Project 762057 - New)

\$1,734.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Reaction Time of Small Children, School of Allied Medical Professions (C. Burnett), 1 February 1980 through 30 April 1980. (Project 762055 - New)

\$282.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Effects of Otoconial Deprivation on Gravity Receptors, Department of Otolaryngology (D. J. Lim and D. R. Trune), 1 August 1979 through 31 July 1980. (Project 761485 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$3,017,088.00**

State of Ohio Research Contracts/Grants

\$14,958.33 - State of Ohio, Department of Energy, Columbus, Ohio, Application of Linear Analysis to the Determination of Energy Consumption Patterns in Ohio by Fuel Type and by Sector, Department of Economics (D. O. Parsons and G. Feyzioglu), 1 April 1980 through 30 November 1980. (Project 762044 - New)

\$12,000.00 - State of Ohio, Department of Education, Columbus, Ohio, Training Field Supervisors--Teacher Education Redesign, College of Education (R. A. Burnham and N. Zimpher), 19 February 1980 through 31 December 1980. (Project 762067 - New)

\$4,000.00 - Ohio Arts Council, Columbus, Ohio, Public Environmental Education Demonstration, Department of Architecture (R. Miller), 15 November 1979 through 30 June 1980. (Project 762050 - New)

May 2, 1980 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)

\$4,000.00 - Ohio Historical Society, Columbus, Ohio, Proposal for the Investigation of a Portion of Big Walnut Creek in Franklin County South of Columbus, Department of Anthropology (W. S. Dancey), 1 February 1980 through 31 January 1981. (Project 762031 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$ 34,958.33

Industrial, Private and Other Non-Federal Research Contracts/Grants

\$55,292.00 - Technicon Instruments Corporation, Tarrytown, New York, Chemical Modification Studies of Surfaces Appropriate for Sensor Devices, Department of Chemistry (T. Kuwana), 1 April 1980 through 31 March 1981. (Project 761484 - Continuation)

\$55,000.00 - General Electric Foundation, Bridgeport, Connecticut, Leaders in Career Development Program, Academic Faculty of Special Services (A. C. Riccio) and National Center for Research in Vocational Education (R. E. Taylor), 1 February 1980 through 31 December 1980. (Project 762068 - Continuation)

\$44,000.00 - Transamerica Delaval, Inc., Trenton, New Jersey, Electrochemical Reactivity and Stress Corrosion Cracking of Turbine Disc Alloys, Department of Metallurgical Engineering (D. D. Macdonald), 1 January 1980 through 31 December 1980. (Project 761965 - Continuation)

\$39,900.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio; Southern Illinois University at Carbondale, Carbondale, Illinois; Division of Vocational Education, School of Education, Florida International University, Miami, Florida, Consortium for the Development of Professional Materials for Vocational Education (Ohio, Illinois, Florida), National Center for Research in Vocational Education (R. E. Taylor), 1 September 1979 through 31 August 1980. (Project 761699 - Continuation)

\$34,975.00 - Rockwell International Science Center, Thousand Oaks, California, Elastic Wave Scattering by Flaws for Application in NDE, Department of Engineering Mechanics (V. V. Varadan and V. K. Varadan), 18 December 1979 through 30 September 1980. (Project 761994 - Continuation)

\$31,000.00 - Leukemia Society of America, Inc., New York, New York, Studies of Adenosine Deaminase in Leukemia and Lymphoma, Cancer Research Center, (M. Grever), 1 July 1980 through 30 June 1982. (Project 762092 - New)

\$27,500.00 - Anchorage School District, Anchorage, Alaska, Alliance for Career and Vocational Education (Membership), National Center for Research in Vocational Education (R. E. Taylor), 1 January 1980 through 31 December 1980. (Project 762081 - New)

May 2, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$24,719.00 - Cystic Fibrosis Foundation, Atlanta, Georgia, The Pathogenesis of *Pseudomonas Aeruginosa* in Hamster Tracheal Organ Culture, Department of Microbiology (N. R. Baker), 1 March 1980 through 28 February 1981. (Project 761492 - Continuation)

\$21,593.00 - Materials Technology Institute, Columbus, Ohio, Development of Controlled Hydrodynamic Techniques for Corrosion Testing, Department of Metallurgical Engineering (D. D. Macdonald), 1 April 1980 through 31 December 1980. (Project 762062 - New)

\$19,996.00 - Southwest Research Institute, San Antonio, Texas, Roof-Top Antenna Study, ElectroScience Laboratory, Department of Electrical Engineering (E. H. Newman), 18 February 1980 through 18 May 1980. (Project 762035 - New)

\$19,950.00 - North Carolina State Board of Education, State Board for Vocational Education, Raleigh, North Carolina, Consortium for the Development of Professional Materials for Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1979 through 30 June 1980. (Project 762075 - New)

\$18,028.00 - Kansas State University, Manhattan, Kansas, Short-Term Consultancy to Integrated Agricultural Production and Marketing Project of Kansas State University in the Philippines, College of Agriculture and Home Economics, International Programs in Agriculture (M. G. Smith) and School of Home Economics - Administration and Cooperative Extension State Operations (N. R. McCormick), 5 January 1980 through 30 May 1980. (Project 762074 - New)

\$15,390.00 - The Cary Arboretum of the New York Botanical Garden, Millbrook, New York, Effect of Habitat on the Population Ecology of Voles (*Microtus Pineatorum* and *Microtus Pennsylvanicus*) Coexisting in Apple Orchards, Department of Zoology (J. D. Harder), 1 April 1980 through 31 December 1982. (Project 762071 - New)

\$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Neural Control of the Peripheral Circulation, Department of Physiology (J. Boulant and D. O. Nelson), 1 July 1980 through 30 June 1981. (Project 762096 - New)

\$6,950.00 - Connecticut State Department of Education, The Career Education Task Force, Nevington, Connecticut, Field Training in Connecticut for the Career Planning Support System, National Center for Research in Vocational Education (R. E. Taylor), 1 March 1980 through 30 April 1980. (Project 762058 - New)

May 2, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$6,000.00 - Maine Public Utilities Commission, Augusta, Maine, A Methodology for Determination of Costs and Revenues of Intrastate Common Carrier Motor Freight in Maine, National Regulatory Research Institute (D. N. Jones and N. Simons, Jr.), 1 January 1980 through 28 February 1981. (Project 762048 - New)

\$5,000.00 - McCauley Accessory Division, Cessna Aircraft Company, Vandalia, Ohio, An Addition to Study of Advanced General Aviation Propellers, Department of Aeronautical and Astronautical Engineering (K. Korkan), 24 March 1980 through 22 August 1980. (Project 762088 - New)

\$4,997.00 - Realtors National Marketing Institute, Chicago, Illinois, A Field Test of a Managerial Behavior Feedback Questionnaire for the Real Estate Profession, Department of Psychology (R. Klimoski) and Center for Real Estate Education and Research, College of Administrative Science - Administration (R. Racster), 1 April 1980 through 31 December 1980. (Project 762082 - New)

\$4,000.00 - National Fisheries Institute, Inc., Washington, D. C., Fisheries Food Service Survey, Center for Lake Erie Area Research, College of Biological Sciences (J. M. Reutter), 1 April 1980 through 30 June 1980. (Project 762101 - New)

\$3,536.00 - J. W. Wilson and Associates, Inc., Washington, D. C., Technical Assistance for Telecommunications Research, National Regulatory Research Institute (D. N. Jones and A. G. Buckalew), 1 March 1980 through 2 May 1980. (Project 762047 - New)

\$2,500.00 - National Training Fund for the Sheet Metal and Air Conditioning Industry, Washington, D. C., National Training Fund University Center Continuation Proposal, National Center for Research in Vocational Education (R. E. Taylor), 1 January 1980 through 30 June 1980. (Project 761059 - Continuation)

\$1,000.00 - American Cancer Society, Inc., New York, New York, Stereochemistry of Enzymatic Reactions at Phosphorus, Department of Chemistry (P. A. Frey), 1 January 1980 through 31 December 1980. (Project 761600 - Continuation)

\$800.00 - Ohio Academy of Family Physicians, Columbus, Ohio, Surgery--A Survey of Family Physicians of Ohio, Department of Family Medicine (L. L. Gabel and W. H. Weddington), 1 January 1980 through 31 December 1980. (Project 762066 - New)

\$539.60 - Gallaudet College, Washington, D. C., Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 1 March 1980 through 30 April 1980. (Project 768028 - New)

May 2, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$405.00 - The Gale Company, Lake Geneva, Wisconsin, Windmill Blade Airfoil Analysis, Department of Aeronautical and Astronautical Engineering (G. Gregorek), 15 February 1980 through 30 April 1980. (Project 762069 - New)

\$250.00 - Midwest Universities Consortium for International Activities, Inc., University of Wisconsin, Madison, Wisconsin, Women in Development Network, College of Agriculture and Home Economics, International Programs in Agriculture (M. G. Smith), 1 March 1980 through 15 August 1980. (Project 761983 - Continuation)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS **\$ 455,320.60**

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

\$45,001.00 - State of Ohio, Department of Transportation, Columbus, Ohio, Stability of Slopes in Shale and Colluvium, Transplex, Department of Civil Engineering, March 15, 1980 through September 14, 1981. (EES 576/529056, Ext. 2)

Sponsored Development Projects

\$317,625.00 from various sponsors for 39 development projects.

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$30,500.00 - Mrs. Doris B. Richard, Wooster, Ohio, for Presidents Club Special Fund.

\$25,000.00 - Battelle Memorial Institute, Columbus, Ohio, for Fluidized Bed Dynamics and Reaction Kinetics Fund.

\$15,600.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for Samuel J. Roessler Memorial Fund.

\$14,600.00 - The Refractories Institute, Pittsburgh, Pennsylvania, for Refractories Institute Research Fund.

\$14,167.34 - Sayre Charitable Fund of the Columbus Foundation, Columbus, Ohio, for Friends of WOSU.

May 2, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$14,000.00 - Kellogg's, Battle Creek, Michigan, for Special NC-151 Fund.

\$14,000.00 - Trust Under the Will of Letteria May Dalton, Columbus, Ohio, for Lima Campus Scholarship Fund.

\$13,520.00 - Whitehall Foundation, Inc., Palm Beach, Florida, for Project NC-151.

\$12,500.00 - Landmark, Inc., Columbus, Ohio (given in the names of C. N. Griffith, Art Adams, and Ken Peterson), for Landmark-OARDC Fund.

\$12,253.79 - Systems Associates, Columbus, Ohio: \$8,502.51 for Cardiology Support Fund; \$1,915.21 (given in the name of David J. Utlak) for Cardiology Support Fund; and \$1,836.07 (given in the name of Mrs. Rose Marie Kolibash) for Cardiology Support Fund.

\$10,800.00 - Bell Laboratories, Murray Hill, New Jersey: \$8,791.00 for Electrical Engineering Chairman's Discretionary Fund; \$1,054.00 for Department of Computer and Information Science Chairman's Discretionary Fund; and \$955.00 for Department of Mechanical Engineering Support Fund.

\$10,000.00 - Dollar Savings Association, Columbus, Ohio (given in the name of Thomas A. Bringardner), for Department of Architecture Fund.

\$9,712.41 - University Eye Surgeons, Inc, Columbus, Ohio (given in the name of Richard H. Keates, M.D.), for Eye Bank Fund.

\$9,185.00 - The Charles F. High Foundation, Bucyrus, Ohio, for Charles F. High Foundation Scholarship Fund.

\$8,217.66 - Retinal Consultants, Inc., Columbus, Ohio: \$6,281.50 for Retina Research Fund and \$1,936.16 for Ophthalmology Photography Fund.

\$8,000.00 - The Edward C. and Hazel L. Stephenson Foundation, Grosse Pointe Woods, Michigan, for Edward C. and Hazel L. Stephenson Fund.

\$7,974.00 - The Grace High Washburn Trust, Bucyrus, Ohio, for Grace High Washburn Trust Scholarship Fund.

\$7,000.00 - Eli Lilly and Company, Indianapolis, Indiana, for Eli Lilly and Co. Organic Chemistry Research Fund.

\$6,000.00 - Central Ohio Center for Economic Education, Columbus, Ohio, for Center for Economic Education.

May 2, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$5,174.48 - Estate Under the Will of Donald E. Park, Columbus, Ohio, for Ohio State National Merit Scholarship Program.

\$5,000.00 - Louis L. Borick, Van Nuys, California, for Louis Levy Professorship for Cancer Research.

\$5,000.00 - Lazarus, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

\$5,000.00 - Schottenstein Stores Corporation, Columbus, Ohio, for Graduate School Minority Recruiting Program Fund.

\$5,000.00 - WBNS-TV, Inc., Columbus, Ohio (given in the name of Eugene C. D'Angelo), for Special Gifts to be used for Mershon Auditorium.

Gifts-in-Kind

\$12,000.00 - Deere & Company, Moline, Illinois, ten - 3277 CRT's to be used in University Systems.

\$5,169.00 - Frederick G. Ruffner, Detroit, Michigan, gift of books to University Libraries.

Establishment of Named Funds

The William E. Cofman Scholarships

The William E. Cofman Scholarships was established May 2, 1980, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from William E. Cofman, 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 provide one or more scholarships awarded annually to deserving students in need of financial assistance in order to continue their studies in the Colleges of the Arts and Sciences. The selection of the recipient is to be made upon the recommendation of the Vice Provost of the Colleges of the Arts and Sciences in consultation with the Dean of the Graduate School and the President of the 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 who is directly responsible for scholarships.

May 2, 1980 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 Marc Tetalman Memorial Fund

The Marc Tetalman Memorial Fund was established May 2, 1980, with gifts to The Ohio State University from colleagues and friends in memory of Dr. Marc R. Tetalman, Assistant Professor of Radiology and Director of the Division of Nuclear Medicine of The Ohio State University 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.

Income and/or principal from the fund is to be used in Dr. Tetalman's memory to establish a lectureship in nuclear cardiac radiology and/or other scholarly programs as considered appropriate. The fund will provide appropriate honoraria, travel and other expense reimbursements for the lecturer, as well as other expenses contributing to enrichment of the scholarly programs of the department or division. Requisitions for funds will be approved by the Chairman of the Department of Radiology and the Dean of the College of Medicine. Selection of speakers and topics will be by the Chairman of the Department of Radiology upon advice by the Divisions of Nuclear Medicine and Cardiology.

Should the Department of Radiology or the Division of Cardiology cease to exist through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees with preference being given to the recommendations of the appropriate administrative officials of the University who are then directly responsible for radiological and cardiological education.

The Dr. Robert C. McMaster Scholarship in Welding Engineering

The Dr. Robert C. McMaster Scholarship in Welding Engineering was established May 2, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni, friends and colleagues of Dr. Robert C. McMaster, distinguished Regents Professor of Welding Engineering, upon his retirement.

All gifts are to be invested in the University's Permanent Endowment Fund, under 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 assistance to undergraduate students enrolled in the Department of Welding Engineering. The selection of the recipient is to be made upon the recommendation of the Scholarship Committee of the Department of Welding Engineering.

May 2, 1980 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. Robert C. McMaster Scholarship in Welding Engineering (contd)

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 official of the University who is then directly responsible for welding engineering education.

Charles A. Kienzle Memorial Fund

The Charles A. Kienzle Memorial Fund was established May 2, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Murphey, Young & Smith Law Firm in memory of a former partner, Charles A. Kienzle.

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

Income and principal are to be used at the discretion of the Dean of the College of Law to support the *Ohio State Law Journal*.

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.

Paul N. Williams Memorial Scholarship Fund

The Paul N. Williams Memorial Scholarship Fund was established May 2, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends and relatives in memory of Paul N. Williams, Assistant Professor of Journalism.

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

The Paul N. Williams Memorial Scholarship shall be awarded annually to a student who has demonstrated his/her ability to practice journalism with the high standards exemplified in Paul Williams' career and teaching. The winner of the Williams' Scholarship should have done interpretative or investigative reporting that creatively showed "how things work." In keeping with the academic standards of the School, it is suggested that the winner have at least a 2.5 overall grade point average.

May 2, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Paul N. Williams 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 purpose whatsoever within the School of Journalism 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 education.

Wood County Scholarship Fund

The Wood County Scholarship Fund was established May 2, 1980, by the Board of Trustees of The Ohio State University with gifts from alumni and friends of Wood County to The Ohio State University Development Fund.

All gifts are to be invested in the University's Permanent Endowment Fund, 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 to provide one or more scholarships for undergraduate students from Wood County enrolled in The Ohio State University. The selection of the recipient is to be made by the University Committee on Student Financial Aids upon recommendation of a selection committee from the Wood County Alumni 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 the recommendations from the appropriate administrative official of the University who is then directly responsible for scholarships and student financial aids.

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PLANS AND SPECIFICATIONS

Resolution No. 80-120

Synopsis: Plans and specifications are being proposed for the following projects.

WHEREAS at the request of the Vice President for Business and Administration, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimate of cost for the following projects:

May 2, 1980 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

HEALTH SCIENCES LIBRARY, ROOF REPAIRS

Project: Install new roof due to deterioration and add insulation required to meet energy conservation measures.

Funding: Budget Account 210134 (Contract Repair 1980-81)

Estimated Project Cost: \$69,000.00

LARKINS HALL, EXTERIOR MASONRY REPAIRS

Project: Cut out and repair existing deteriorated masonry on the old part of the Peppe Aquatic Center of Larkins Hall.

Funding: Budget Account 210134 (Contract Repair 1980-81)

Estimated Project Cost: \$58,927.00

NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimate of cost for the projects listed above be approved and that the President and/or Vice President for Business and Administration 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 this action be reported to the Board at a later meeting.

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

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REPORT - PRESIDENT ENARSON

President Enarson's Statement:

Under Reports, there is nothing in the books; there is one matter that I wish to bring to the attention of the Board and propose to spend only two or three minutes at the most on it.

As you know, we live in an age of litigation. We are a very large, very complex enterprise; we have a large number of faculty and support staff in our employment. There are, as we all know, a number of laws and regulations enforced by a number of different jurisdictions. Occasionally one gets almost a sense of persecution, or at least at minimum a sense of *deja vu*, in opening the newspaper

May 2, 1980 meeting, Board of Trustees

REPORT - PRESIDENT ENARSON (contd)

President Enarson's Statement: (contd)

only to find that there is another case filed somewhere and another team on campus and another proposal for a conciliation agreement. Parenthetically, Dick Jackson and I are now working to put together a kind of a standard form which we will use on a quarterly basis and build into the Board book as a progress report on where we stand on each and every case just as we provide now a progress report on capital construction.

In conversation with faculty and with others, it has become painfully clear to me that, while Madison Scott is engaged in almost daily letter-writing back and forth with one or more federal agencies, and we are in virtually daily consultation with our lawyers with respect to next steps, the typical faculty member has very little appreciation of what is happening on this front. We had presented to us fairly recently by one agency--the Department of Labor--a proposed conciliation agreement. It builds on a case which has been under review for some time. It might interest you to know that the same case is moving slowly through the federal district courts. It is not, as the Board realizes, an unusual situation for a person who is aggrieved to file the complaint in a number of different forums.

I concluded, after extended discussion with the members of the President's Staff and some faculty leaders, that every single member of the University community (I'm thinking here primarily of our faculty) deserves the opportunity to, as it were, see for yourself what this is all about, what a typical complaint looks like, and how we have responded to it; and so we do have, as you know, the internal publication, the *OSU onCampus*. If you'd each take one, I am obviously not asking that you read it now; in fact, I urge you not to even scan it now. I simply want you to note that starting on Page 5, you will find an open letter to the University community which explains some of the concerns that we have here at the University, and then in the several pages which follow, we have a chronology of some of the recent problems. On Page 6, we have our reply on this. We have included in this document the full text of the letter and the full text of our reply. I am sure that it will elicit some hostile reaction that will command the news but occasionally one hopes that the quiet voice of reason will prevail. I hope that you will take the opportunity to read this later. That concludes my report.

--o--

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 80-121

RESOLVED, That the report on the University's Investment Portfolio, dated April 18, 1980, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

--o--

May 2, 1980 meeting, Board of Trustees

TRIBUTES TO MEMBERS OF THE BOARD

Mrs. James:

Thank you, Mr. President. As we have elected a new group of officers for the '80-'81 academic year which signals a new beginning, so to speak, among our leadership, we also had an ending of some of the leadership that has been provided to this Board and that is in the person of Dr. Sirak whose term will expire this month. On behalf of the Board, we would certainly like to thank you for the many years you have spent with us, and I would like to present you with the gavel which is made of wood from the original University Hall and it reads:

HOWARD D. SIRAK
IN APPRECIATION OF HIS SERVICE
TO THE BOARD OF TRUSTEES
OF THE OHIO STATE UNIVERSITY
MEMBER 1971-1980
CHAIRMAN 1978-1979

Also, in saying goodbye, I would like to note a little bit more about Dr. Sirak's contribution to this University. Dr. Sirak has served--(She is interrupted when an OSU captain's chair is presented.)

Dr. Sirak:

That's very nice, and it's very comfortable; I think it's very appropriate--this chair for many reasons--I appreciate the generous and kind thoughts that go with your giving it, but I am suddenly mindful of the fact that a hard seat is something that I have sort of been accustomed to for the past couple or three years. I am very sad to be leaving this Board; I will miss the great opportunity to be with--a fellow like myself coming up from the humble establishment of academe and miss the opportunity to meet with you peerless members of the establishment every--once a month. Of course, it is hard to make changes, but I am solaced by the fact that we do have a great administration and a fine Board of Trustees, and I believe with every confidence that everything will go ultimately, maybe not initially, smoothly. Thank you very much for the gavel--I think I have finally got the ultimate weapon that will enable me to get a word in edgewise at home.

Mrs. James: I believe Mr. Havens has a comment that he'd like to make.

Mr. Havens:

Madam Chairperson, this is directed to our new, upcoming Chairman, Mr. Devenow. I was elected spokesperson for what we call our 'rump sub subcommittee,' which is made up of a secret membership of the Board of Trustees. It's completely illegal, and we wanted to tell Mr. Devenow that we figured that he has won by ballot from this committee to become our best-dressed Trustee. Actually, he did not win it on the first ballot because all the committee members voted for themselves. However, we would request him at our next meeting which he takes over,

May 2, 1980 meeting, Board of Trustees

TRIBUTES TO MEMBERS OF THE BOARD (contd)

Mr. Havens: (contd)

to show up in an attire of scarlet and gray, our good school colors, because we really want to see how he looks that way, rather than the way he is impeccably groomed and, therefore, we will be able to determine if he is better than the rest of us. This is just a request to show up in scarlet and gray next June.

Mr. Devenow: Thank you very much, Mr. Havens; thank the committee, too.

President Enarson:

I have always had difficulty in getting Dr. Sirak's attention. If I could have his attention, albeit briefly, I would like to say nice things about him. I want to be very serious. It's been seven and a half years that I have had the pleasure of being associated with Howard Sirak, and as they always say in the court room, 'We haven't always agreed.' But I certainly have had at all times the greatest respect and admiration for you, Howard. You have had at all times the best interest of the University at heart. There is no way that a person who is not intimately associated with this Board and this administration could possibly know the work that goes on behind the scenes. They see only the work that's done here in the public session, and I just simply want to say that I, as the chief executive officer, have been grateful to you for your counsel and your help and your encouragement. Now, unless once again I have failed to ask someone to do something, do we have that little goody?

Mr. Scott: We have a small presentation to make.

President Enarson:

We have all admired the artwork in your home, and we thought we ought to have something that would really rival Picasso. It's kind of an OSU Picasso.

Dr. Sirak:

(He is presented a caricature of himself.) It says, 'To Howard Sirak: In appreciation of your service as member and Chairman of The Ohio State University Board of Trustees.' Then there is a squiggle after it that says Horace Enarson, son of Enar, May 2, 1980. Thank you very much; I will hang this in my study where my eyes will fall upon it each day that I study. I will remember with very kind feelings my association here with all of you lady and gentlemen-ladies and gentlemen now. Thank you again, Harold.

Mr. Redman: Before we close up the meeting, I would like to say a word at the end.

President Enarson:

The other loss, it's not a loss to the Board, but the loss to the chairmanship; it is a time of transition. I want to compliment the new Chairman and Vice Chairman

May 2, 1980 meeting, Board of Trustees

TRIBUTES TO MEMBERS OF THE BOARD (contd)

President Enarson: (contd)

on their respective selection, but it is the last time that Mrs. Patricia James will preside, and I would simply like to say again as President of this University what a great privilege it has been, Pat, to be associated with you. I think you are probably the only Trustee whom I knew before you came on this Board, and I rejoiced when I learned that you had been named. I know, as we all do, the intense pride that you take in this University, and I want to thank you for all that you have done and for the advice and spiritual comfort you have given to me. We have a small gift, and you will never guess what it is!

(Mrs. James opens the package, which is a caricature of herself.)

Dr. Sirak: There's one thing missing.

Mrs. James:

What--the cigarette, right? The teeth are in good alignment. It says, 'To Pat James: In appreciation of your service as member and Chairman of the OSU Board of Trustees, Harold L. Enarson.' Thank you very much.

I'd just like to say that it certainly has been an honor to serve as your Chairman this year. I have appreciated all of the cooperation I have gotten from each and every one of you. I don't think I was told 'no' more than once which I think is a pretty good record. I would certainly like to congratulate Mr. Devenow and Mr. Smith and wish you the best of luck and success and tell you that the job is really a lot easier than it seems because of the administration that we have and that is one of our responsibilities as Trustees--to make certain that we do have a competent administration that manages our University well, and I believe that they have made my job much easier, and I am sure it will make your job much easier. Again, I thank you for the opportunity to have served as your Chairman--and anything you need, I'll still be here for another year. Thank you.

I think Mr. Redman has a comment he'd like to make.

--O--

COMMENTS - LITIGATION

Mr. Redman:

I have had the not unusual distinction here of being served by the marshal of the United States District Court with a summons in which I am a party defendant. It's like the fellow says, 'If it wasn't for--he was being ridden out of town on a rail, and they tarred and feathered him. He said if it wasn't for the honor of the thing, I'd just as leave be relieved of this obligation.' But, I wondered whether I should get myself an attorney since I don't want to end up at the Atlanta institution--whether this is normal for the Trustees to get sued--I'm in fine company.

May 2, 1980 meeting, Board of Trustees

COMMENTS - LITIGATION (contd)

President Enarson:

You are; we serve coffee to the marshal in our office. Very seriously, sometimes these new assaults are brought directly to the Trustees, but in all instances the Trustees are well protected and well represented by the Associate General--really by the Attorney General of the State of Ohio. We currently have on campus on assignment from the Attorney General's office, Mr. Holder. We also continue to be served in individual matters by the Vorys firm. So sometimes, as most of the Board members may know, you receive those documents and sometimes you don't. Now this is a new case, and I will have to find out what it is when I get back to the office.

Mr. Redman: Well, I'll be out of town, and it says 20 days. I hate to get beat by default.

Mr. Scott:

It's been taken care of, Mr. President. It's a case involving a person who was not awarded tenure and promotion. It is routine and in this sense, as the President has indicated, a copy of that was delivered to the office of the Board of Trustees and immediately we referred it to counsel.

Mr. Redman: Do I give you this then?

Mr. Scott: You don't have to, but I will take it.

President Enarson:

I might remark that occasionally we win a case. For example, there was a person who was caught red-handed cheating and after due process and due consideration this person was either suspended or expelled. This person felt that this was a violation of civil liberties and took this case into federal district court and the University actually won. I do not recall this being interesting enough to be reported in the news, but we do win some.

Mr. Redman: You encouraged me.

President Enarson: Well not too much.

Dr. Sirak:

Take him up to your office, Madison, and show him the other twelve that are up there.

Mr. Scott: Once a day, Mr. Redman, at 9:00 and sometimes at 2:00 we get those.

Mr. Redman:

Well, I am going to propose a law someday when I get around to it and that is that people who bring these kind of actions in the nature of harrassment, which is

May 2, 1980 meeting, Board of Trustees

COMMENTS - LITIGATION (contd)

Mr. Redman: (contd)

what I consider it, because I wasn't even on the Board when this action took place in 1974. To be named a party defendant--to even have to open the mail, I think, is unconscionable, and I think that people who bring those kind of actions should be required to post a bond or something because I just finished a case out of New York where I was sued, and while the judge finally said, 'Well, no, Redman should not have been a party to it,' it cost me \$4,000 in attorney fees to get my name off the list. I think that's not right, but since it's all in competent hands, I will relax and I'll get my blood pressure down.

--o--

CONGRATULATIONS - MR. HAVENS

Mrs. James:

I'd like to offer our congratulations and the congratulations on behalf of the Board to Mr. Havens for his recent election or appointment as Chairman of the Board of Bank One Corp.

Mr. Havens: It was either that or public welfare unemployment.

Mrs. James:

We are very proud of you, and we wish you much success in your new position. I would remind you that the Hospitals Board will be meeting at 3:00, and you are all welcome to stay for the meeting and also attend the reception at 4:30.

Mr. Galbreath:

I would encourage, too, that the Board at least stay around to meet the new Board.

President Enarson: By all means.

--o--

Thereupon the Board adjourned to meet Thursday, June 12, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

Patricia D. James
Chairman

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APPENDIX IV

Degrees Conferred at

**THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION**

June 13, 1980

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Recipients of Honors

John E. Corbally Doctor of Laws

From professor and provost to chancellor and president, John Corbally has served with great distinction as a public diplomat in the cause of higher education. The imprint of his skilled administrative touch has been left upon every institution with which he has been associated. His adroit handling of issues, his unstinting devotion to excellence, his firm commitment to effective academic governance helped guide three universities through some of the most turbulent years in American history. The Ohio State University is privileged to honor him for his eminent career as teacher, scholar, and leader of the academy.

Edgar Dale Doctor of Humane Letters

Internationally respected scholar and innovative teacher, Edgar Dale pioneered the use of audiovisual materials and brought a new dimension to learning. His seminal studies of vocabulary and clear expression opened the door to understanding for countless readers. As mentor and friend, he involved himself in the personal and professional welfare of his students. He gave that extra measure that marks the great teacher. Few have touched the lives of so many in so lasting a way as he has done. Through those who have been privileged to be his students and colleagues, Edgar Dale's influence continues across the world, in eloquent testimony to a full and productive life.

Laurence M. Gould Doctor of Science

Outstanding international scientist-statesman, Laurence M. Gould is widely acknowledged as the person in this country who contributed most to the establishment of a strong scientific research program in Antarctica. He played the central role in guaranteeing that there would be full active scientific cooperation among all the nations engaged in Antarctic research. He was instrumental in assuring that university scientists and university-based programs would play a major part in the United States effort. The Ohio State University is honored to honor Laurence M. Gould for his long and illustrious career as scientist, explorer, scholar, and educator.

John G. Wagner Doctor of Science

Recognized world leader in pharmaceutical research, distinguished alumnus of this University, John G. Wagner's entire career reflects a fundamental concern for the health and well-being of his fellow man. His contributions to the pharmaceutical development of drugs are widely acknowledged. Numerous patents and professional publications reflect the significance and scope of his studies. As author of the authoritative textbook in his field, he has provided a scholarly benchmark for training and research. National and international honors have followed, attesting to a career of unusual distinction. They stand as persuasive evidence that John G. Wagner has earned the highest accolade of all, the esteem of his professional peers.

The Graduate School

Dean: Jules B. LaPidus

Doctor of Musical Arts

John Theodore Emche, Jr., Balitmore, Md.; B.A. (Towson State College); M.M.; *Music*; Dr. Marshall H. Barnes

Doctor of Philosophy

Ahmed El-Sayed Ahmed, Alexandria, Egypt; B.S., M.Sc. (Alexandria University) *Agricultural Engineering*; Dr. Mohamed Y. Hamdy and Dr. Warren L. Roller

Ahmed Humeida Ahmed, Kamlin, Sudan; B.Sc., M.Sc. (Khartoum University); *Agricultural Economics and Rural Sociology*; Dr. Dale W. Adams

Lori Ann Alexander, Brooklyn, N.Y.; B.S. (Brooklyn College); M.S. (University of Massachusetts); *Physical Education*; Dr. Edward L. Fox

Priscilla Ham Alexander, Worthington; B.A. (Wellesley College); M.S.W.; M.A.; *Education*; Dr. W. Frederick Staub

Radwan Abdul-Rahman Al-Jarrah, Mazar, Jordan; B.S. (University of Baghdad); M.S.; *Mathematics*; Dr. Ranko Bojanic

Stefan Thomas Andrew, Mansfield; A.B. (Harvard College); *Physics*; Dr. Charles A. Ebner

Russell Kirby Barrick, Jr., Orient; B.S.; M.S.; *Agricultural Education*; Dr. J. Robert Warmbrod

Jane Carter Bartlett, Reynoldsburg; A.B. (Ohio University); M.A.; *Education*; Dr. James V. Wigtil

Richard Marion Basel, Bradner; B.S., M.S. (Bowling Green State University); M.S.; *Horticulture*; Dr. Wüber A. Gould

Deborah Marie Birdwell, Columbus; B.S. (Kent State University); M.A.; *Physical Education*; Dr. Daryl L. Siedentop

Yvonne Luketich Blauvelt, Charleroi, Pa. B.S. (Indiana University of Pennsylvania); M.S.; *Slavic and East European Languages and Literatures*

Blanni Evans Bowen, Columbus; B.S., M.S. (North Carolina Agricultural and Technical State University) *Agricultural Education*; Dr. J. Robert Warmbrod

James David Brewer, Fairview Heights, Ill. B.A. (Northwestern University); M.A.; *Psychology*; Dr. Gerald A. Winer

Steven Mark Butnik, Richmond, Va.; B.A., M.A.; *Psychology*; Dr. Charles Wenar

Marion Louise Cavallaro, Glen Ridge, N.J.; B.A. (University of Delaware); M.A.; *Psychology*; Dr. Nancy E. Betz

Chung-Yao Chao, Tainan, Taiwan; B.S.E. (National Cheng Kung University); M.S. (University of Wisconsin); *Metalurgical Engineering*; Dr. Digby D. MacDonald

Julianne Marie Chase, New York, N.Y.; B.S. (Queen's College of the City University of New York); M.A. *Physical Education*; Dr. Edward L. Fox

Lawrence Edward Christian, Moscow, Idaho; B.S., M.S. (University of Idaho) *Dairy Science*; Dr. Walter R. Harvey

Carol Anne Christy, Columbus B.A. (Duke University); M.A. *Political Science*; Dr. Bradley M. Richardson

Christopher McFarland Clarke, Columbus; B.A. (Fairleigh Dickinson University); M.A.; *Political Science*; Dr. David M. Lampton

Charles Philip Colosimo, Frostburg, Md.; B.S. (Mount St. Mary's College); M.S. W. (Catholic University); *Education*; Dr. Anthony C. Riccio

Maureen Patricia Connelly, Frostburg, Md.; B.A. (St. John's University); M.A.; *Sociology*; Dr. Saad Z. Nagi

Robert John Connors, Springfield, Mass.; B.A. (University of Massachusetts); M.A.; *English*; Dr. Edward P. J. Corbett

Daniel Charles Corley, Columbus; B.A., M.A.; *Education*; Dr. Donald J. Tosi

Robert Michael Crassweller, Wooster; A.B. (Miami University); M.S.; *Horticulture*; Dr. David C. Ferree

Paul Anthony D'Ambra, Little Compton, R.I.; B.S. (Boston College); M.S. (University of Rhode Island); *Chemical Engineering*; Dr. R. Emerson Lynn

Jeffrey Scott Destz, Elyria; A.B. (Bowdoin College); *Biochemistry*; Dr. Edward J. Behrman

Louis Rocco DePalatis, Glassport, Pa.; B.S. (Slippery Rock State College); M.S. (Southern Illinois University); *Physiology*; Dr. Robert P. Fiorindo

Jeffrey Howard Dinitz, Columbus; B.S. (Carnegie-Mellon University); M.S.; *Mathematics*; Dr. Richard M. Wilson

Robert Charles Donat, Centerville; A.B., B.S., M.S. (Columbia University); *Engineering Mechanics*; Dr. Li-Sheng W. Fu

Bastiaan Meijer Drees, Columbus; A.B., M.S. (West Virginia University); *Entomology*; Dr. Donald E. Johnston

Ralph Edward Drtina, Columbus; B.S., M.B.S. (Florida State University); *Public Administration*; Dr. Sven B. Lundstedt

Richard Dunfee, Winfield, Kans.; B.A., M.A. (Marshall University); *Education*; Dr. George P. Ecker

Frank Arthur Eischen, Fort Recovery; B.A. (Ohio Northern University); M.S.; *Entomology*; Dr. Walter C. Rothenbuhler

Babiker Ali Mohamed Elamin, Khartoum, Sudan; B.V.S. (University of Khartoum); Diploma (Royal Veterinary and Agricultural University); M.S.; *Biochemistry*; Dr. Gary E. Means

Norma Woodward Elliott, Mount Vernon; B.A. (Mary Washington College of the University of Virginia); M.A. (University of Wisconsin); *Romance Languages and Literatures*; Dr. Grinor Rojo

Philip Lee Ellis, Allegan, Mich.; B.A. (Anderson College); M.A. (Ball State University); *Psychology*; Dr. Henry R. Angelino

Mohamad Rashad Nassr Elmitiny, Giza, Egypt; B. Civil Eng. (Cairo University); M.S.; *Civil Engineering*; Dr. Kamran Majidzadeh

Leticia Jimenez El Naggar, Mexico City, Mexico; B.S. (Universidad Nacional); M.S. (Autonoma de Mexico); *Pharmacy*; Dr. Jack L. Beal

Ervin Albert Emery, Ft. Lauderdale, Fla.; B.S., M.E.D. (Florida Atlantic University); *Education*; Dr. Otto Santos, Jr.

Thomas Lynn Evason, Alliance; B.A. (University of Montana); *Anthropology*; Dr. Erika Bourguignon

Hasan Fenercioglu, Antalya, Turkey; Agri. Eng. (University of Ataturk); M.S.; *Horticulture*; Dr. Wübur A. Gould

James Howard Finkelstein, Columbus; B.S. (Miami University); M.A.; *Education*; Dr. C. Ray Williams

Bruce Edward Flinchbaugh, Dayton; B.A. (Otterbein College); M.S.; *Computer and Information Science*; Dr. B. Chandrasekaran

Ann Baumeister Fowble, Orient; B.A. (Gonzaga University); *Education*; Dr. Vance W. Cotter

Jeffrey Reid Fox, Dayton; B.A. (Bowling Green State University); M.A.; *English*; Dr. A. E. Wallace Maurer

Kay Hill Frederick, Norfolk, Nebr.; B.A., M.A.; *Psychology*; Dr. Don M. Dell

Nicholas P. Gallo, Shaker Heights; B.S.Ed. (Bowling Green State University); M.A. (Kent State University); *Education*; Dr. Thomas M. Stephens

- Richard Alan Games, Columbus; B.S. (Carnegie-Mellon University); M.S.; *Mathematics*; Dr. *Dijen K. Roy-Chaudhuri*
- Geoffrey G. Gibbs, Sydney, Australia; B.A. (Western Australia Institute of Technology); M.A.; *Education*; Dr. *George L. Lewis*
- Gregory William Grove, Felton, Pa.; B.S. (Pennsylvania State University); *Biochemistry*; Dr. *George A. Marzluft*
- Patrick Joseph Gurney, Columbus; B.A. (Wilkes College); M.A.; *Sociology*; Dr. *Roscoe C. Hinkle*
- Jo Ruth Hall, Columbus; B.A., M.S. (Marshall University); *Education*; Dr. *David L. Boggs*
- John Robert Halstead, Cortland, N.Y.; B.A. (Colgate University); M.A. (Michigan State University); *Education*; Dr. *Robert J. Silverman*
- Sung Soon Han, Durham, N.C.; B.A. (Sacred Heart College for Women); M.Ed. (University of Hartford); *Psychology*; Dr. *Barbara A. Edmonson*
- Donald Earl Hawk, Worthington; B.S., M.A. (Miami University); *Health (Physical) Education*; Dr. *Mary K. Beyrer*
- James Michael Heilman, Columbus; B.S., M.S.; *Agricultural Education*; Dr. *Lawrence H. Newcomb*
- Sidney L. Hendrickson, Seattle, Wash.; B.S., M.S. (University of Washington); *Biochemistry*; Dr. *Lee F. Johnson*
- Wanda Bernadette High, Nashville, Tenn.; B.A. (Colby College); D.V.M. (Tuskegee Institute); *Veterinary Pathobiology*; Dr. *Charles C. Capen*
- Jack Leonard Hillwig, Columbia, S.C.; B.A. (Bethany College); M.A.; *Communication*; Dr. *Robert W. Wagner*
- Jeff Faulkner Hilson, Columbus; B.A. (Capital University); M.A.; *Education*; Dr. *Raymond H. Muesig*
- Verna LaVerne Holoman, Ivor, Va.; B.S. (Virginia State College); M.S.; *Zoology*; Dr. *John L. Crites*
- Ric Allan Hovda, Minot, N.Dak.; B.S., M.Ed. (University of North Dakota); *Education*; Dr. *Charlotte S. Huck*
- Barbara Butler Hrapchak, Columbus; B.S. (University of Pennsylvania); M.S.; *Anatomy*; Dr. *Jeppha R. Hostetler*
- Abby Elizabeth Hughes, Columbus; B.A. (Beloit College); M.Ed. (John Hopkins University); *Education*; Dr. *Virgil E. Blanke*
- M. Beth Sterner Hunker, Columbus; B.A. (University of Pittsburgh); M.A.; *Education*; Dr. *Donald R. Bateman*
- Cynthia Elaine Johnson, Greenville, N.C.; B.S. (North Carolina Central University); M.S. (East Carolina University); *Home Economics*; Dr. *Jean D. Dickerscheid*
- Rosemary Owsley Joyce, Columbus; B.S., M.A.; *Interdisciplinary: English, History, Anthropology*; Dr. *Daniel R. Barnes*
- Nobuo Kawabe, Columbus; B.A., M.A. (Waseda University); *History*; Dr. *K. Austin Kerr*
- David Lewis Kittrell, Richton, Miss.; B.S. M.S. (Mississippi State University); *Agricultural Education*; Dr. *J. David McCracken*
- Anthony John Koop, North Ryde, Australia; Ed.Cert. (Mitchell College of Advanced Education); B.A. (University of Sydney); M.A. (Macquarie University); *Education*; Dr. *Paul R. Klohr*
- Craig Alan Kridel, Columbus; B.G.S. (Ohio University); M.A.; *Education*; Dr. *Paul R. Klohr*
- Ajit Kumar, Balrampur, India; B.Tech. (G. B. Pantnagar University of Agriculture); *Agricultural Engineering*; Dr. *Floyd L. Herum*
- Mark Eric Langenfeld, Columbus; M.A. *Physical Education*; Dr. *Robert L. Bartels*
- Douglas Alan Leonard, Kettering; B.S. (University of Michigan); *Mathematics*; Dr. *Richard M. Wilson*
- Pradeep Shrikrishna Limaye, Bhopal, India; B.S. (Nagpur University); M.S. (Indian Institute of Technology, Delhi); M.S.; *Physics*; Dr. *Philip E. Wigen*
- Ing-Hour Lin, Taichung, Taiwan; B.S. (National Taiwan University); *Metallurgical Engineering*; Dr. *John P. Hirth*
- Charing Ming Liu, Hsin-chu, Taiwan; B.S. (Fu Jen Catholic University); *Chemistry*; Dr. *Derek Horton*
- Robert Michael Loar, Columbus; B.S. (Eastern New Mexico University); M.A. (Wichita State University); *Sociology*; Dr. *Kent P. Schwirian*
- Terrence William Macy, Orient, A.B. (Assumption College); M.A.; *Psychology*; Dr. *Henry Leland*
- Deborah Marie Manchester, Columbus; B.A., M.A.; *Communication*; Dr. *Sheila M. Goff*
- Juvir Luiz Mattuella, Porto Aegre, Brazil; *Agricultural Economics and Rural Sociology*; Dr. *Norman Rask*
- John Rolf Mellby, St. Cloud, Minn.; B.A. (Saint Olaf College); *Computer and Information Science*; Dr. *Jerome Rothstein*
- Frank Morris Miller, Philadelphia, Pa.; B.S. (Temple University); M.F.A.; *Theatre*; Dr. *Donald R. Glancy*
- John William Mize, Jr., Parma Heights; B.A. (Cleveland State University); M.A. (University of Akron); *Home Economics*; Dr. *Jean D. Dickerscheid*
- Michael Paul Murtaugh, Columbus; B.S. (University of Notre Dame); *Entomology*; Dr. *David L. Denlinger*
- Jeffry Milton Lattery, Toledo; B.A. (Northwestern University); M.A.; *Economics*; Dr. *Donald O. Parsons*
- Jacqueline Krause Neufeld, Cincinnati; B.A.; M.A. (University of Cincinnati); *Education*; Dr. *Gilbert A. Jarvis*
- John William Oldfather, Hilliard; B.S., M.S.; *Microbiology*; Dr. *Frank W. Chorpensning*
- Stephen Paul Oliver, Wooster; B.S. (North Carolina State University); M.S.; *Dairy Science*; Dr. *K. Larry Smith*
- Daniel Owens, Lynchburg, Va.; B.A. (Capital University); M.A.; *Psychology*; Dr. *Henry Leland*
- Erich Pacht, Columbus; B.S., B.A.; *Astronomy*; Dr. *John D. Kraus*
- Beverly Ness Parke, Toledo; B.A. (University of Michigan); M.A. (University of Toledo); *Education*; Dr. *Thomas M. Stephens*
- Alan Andrew Parker, Columbus; B.S. (Michigan State University); M.S.; *Physics*; Dr. *Philip E. Wigen*
- Darryl Wayne Peters, Columbus; B.S. (San Diego State University); *Chemistry*; Dr. *C. Weldon Mathews*
- Sandra Ellen Phares, Charleston, W. Va.; B.A., M.A. (Marshall University); *Education*; Dr. *Thomas M. Stephens*
- Donna Viola Porter, Canillus, N. Y.; B.S. (State University of New York, Plattsburg); M.S.; *Home Economics*; Dr. *Virginia M. Vivian*
- Nancy Jane Powell, Columbus; B.S.; MFA (San Francisco Art Institute); *Education*; Dr. *John C. Belland*
- Paul Lawrence Pusey, Wooster; B.S. (Ball State University); M.S. (Kent State University); *Plant Pathology*; Dr. *David L. Coplin*
- Susan Courtney Quinn, Columbus; B.S.Ed. (Ohio Northern University); M.A.; *Education*; Dr. *Thomas M. Stephens*

- William Ramsini, Rezaieh, Iran; B.S. (Rezaieyeh Agricultural College); M.S.; *Agricultural Education*; Dr. Robert W. McCormick
- Beverly Archer Rawles, Columbus; B.S. (Capital University); M.S. (Western Reserve University); M.A. (Morehead State University); *Education*; Dr. William D. Dowling
- Steven Jay Reif, Kilgore, Tex.; B.A. (Beloit College); M.A.; *Anthropology*; Dr. John C. Messenger
- Thomas Stuart Rice, Columbus; B.S. (Purdue University); M.S.; *Aeronautical and Astronautical Engineering*; Dr. Stuart L. Petrie
- Curtis Philip Rinsland, Columbus; B.S. (Pennsylvania State University); M.S.; *Astronomy*; Dr. Robert F. Wing
- Jennifer Louise Rojko; D.V.M.; *Veterinary Pathobiology*; Dr. Edward A. Hoover
- John Charles Runda, Ft. Mitchell, Ky.; A.B. (Thomas Moore College); M.A.; *Sociology*; Dr. John Seidler
- Patrick Joseph Russell, Mansfield; B.A., M.A.; *Psychology*; Dr. Henry R. Angelino
- Hossein Sanadgol, Zabol, Iran; Licentiate (Tehran Teachers); M.A. (Ball State University); M.S.; *Physical Education*; Dr. Edward L. Foz
- Elmo Stewart Saunders, Lafayette, Ind.; B.A. (DePauw University); M.A. (Ball State Teachers College); A.M. (Indiana University); *History*; Dr. John C. Rule
- Haskell Reed Scheimberg, Xenia; A.B. (Syracuse University); M.B.A. (Wright State University); *Business Administration*; Dr. Daniel Howland
- Stephen Elliot Schwartz, Williamsville, N. Y.; B.S. (Brooklyn College); M.S. (Northern Illinois University); *Physical Education*; Dr. Charles L. Mand
- Warren Eli Schwartz, Columbus; B.S. (Brooklyn College of the City University of New York); *Biochemistry*; Dr. Garfield P. Royer
- Harry Searles, Columbus; B.S., M.A.; *Education*; Dr. Raymond H. Muessig
- Philip Michael Sears; B.S., D.V.M. (Michigan State University); *Veterinary Preventive Medicine*; Dr. C. Richard Dorn
- Clinton Lewis Shepard, Xenia; B.S. (University of Kentucky); M.S.; *Education*; Dr. D. Alexander Severino
- Guey-Yueh Shi, Taipei, Taiwan; B.S., M.S. (National Taiwan University); *Physiological Chemistry*; Dr. Gerald P. Brierley
- Steven Lawrence Sincoff, Dayton; B.S., M.S. (Newark College of Engineering); *Chemistry*; Dr. Daniel L. Leusang
- Lance Michael Smith, Columbus; A.B. (University of Georgia); M.A.; *Political Science*; Dr. Randall B. Ripley
- Nicholas Peter Solenne, III, Sherman, Tex.; *Biochemistry*; Dr. Gary E. Means
- Peter Evans Steacy, Camp Hill, Pa.; B.S. (Lehigh University); *Chemical Engineering*; Dr. Thomas L. Sweeney
- William Christopher Stearn, Flushing, N. Y.; B.S. (Western Kentucky State University); M.S.; *Agronomy*; Dr. Robert H. Miller
- Nancy Hoover Steinhaus, Kalamazoo, Mich.; B.S. (Ohio University); M.S. (Purdue University); *Home Economics*; Dr. Mary Lapitsky
- Joseph Mark Stewart, Columbus; B.A. (Bowling Green State University); M.A.; *History*; Dr. Robert H. Brenner
- Douglas Allen Streett, Columbus; B.S. (St. Mary's College of Maryland); M.S.; *Entomology*; Dr. John D. Briggs
- Ivan S. Terzieff, Tucson, Ariz.; B.A. (University of Massachusetts); M.Ed. (University of Pittsburgh); *Education*; Dr. Thomas M. Stephens
- Richard K. Thatcher, Chapel Hill, N. C.; B.S., B.S.E.E. (Ohio University); M.S.; *Industrial and Systems Engineering*; Dr. William T. Morris
- Roger Dale Vincent, Owensboro, Ky.; B.A., M.A. (Western Kentucky University); *Education*; Dr. Dewey A. Adams
- Deborah Denig Waddell, Columbus; B.A. (Baldwin Wallace College); M.S. (Old Dominion University); *Education*; Dr. Thomas M. Stephens
- John Douglas Wanzer, Rhinebeck, N. Y.; B.A., M.A. (State University of New York, Albany); M.A.; *English*; Dr. John F. Sena
- Connie Michele Ward, Hanford, Calif.; B.A. (University of California, Santa Cruz); M.A.; *Psychology*; Dr. W. Bruce Walsh
- Gerald Alven Wedlund, Cambridge, Minn.; B.S. (University of Minnesota, Duluth); M.A. (University of Minnesota, Minneapolis); *Education*; Dr. Lonnie H. Wagstaff
- Gerald Sterling Wegner, Columbus; B.S., M.S. (Loyola University); *Entomology*; Dr. Harry D. Niemczyk
- Citida Field Wells, Columbus; B.A. (Michigan State University); M.A.; *Education*; Dr. Joseph J. Quaranta, Jr.
- Michael Allen West, Vienna, Va.; B.A. (San Jose State College); M.A.; *History*; Dr. Harry L. Coles
- Gary Milton Whaley, Durham, N. C.; A.B., M.A. (University of North Carolina); *Physical Education*; Dr. Daryl L. Siedentop
- Stephen Bruce White, Vienna, W. Va.; B.S. (West Virginia University); M.S. (Colorado State University); *Zoology*; Dr. Theodore A. Bookhout
- Leanne Marie Wiedemann, Chicago, Ill.; B.S. (St. Norbert College); *Biochemistry*; Dr. Lee F. Johnson
- John Allan Williams, Wickliffe; B.S. (Lake Erie College); M.A.; *Anthropology*; Dr. Paul W. Sciulli
- Ali Mohamed Ahmed Zied, San Antonio, Tex.; B.Sc. in E.E. (Alexandria University); M.S.; *Electrical Engineering*; Dr. Herman R. Weed
- John Charles Zimbeck, Columbus; M.A.; *Psychology*; Dr. Henry R. Angelino

Master of Accounting

- Steven P. Ames, Elmore; B.S.; *Accounting*
- T. Edward Carey, Jr., Rocky River; B.B.A. (The University of Notre Dame); *Accounting*
- Louis Mark Dann, Columbus; A.B. Psychology (Earlham College); *Accounting*
- Robert Gervase Koenig, Jr., Cincinnati; B.S. (Miami University); *Accounting*
- Sheu-lu Liu, Taipei, Taiwan, R.O.C.; B. Laws (National Chengchi University); *Accounting*
- Fazlolah Moazzami, Tehran, Iran; B.A. (Iranian Institute of Advanced Accounting); *Accounting*
- David W. Richards, Ravenna; B.A. (Anderson College); *Accounting*

Master of Applied Statistics

- Manampeli Mahapatabendiralalage Lakshean Michael Cooray, Wadduwa, Sri Lanka; B.S. (University of Ceylon); Dip. (University of Ceylon); *Statistics*
- Bruce Carl Wentworth, Bay Village; B.S.; *Statistics*

Master of Architecture

- Harold Cecil Baker, III, Columbus; B.S.Arch.; *Architecture*
- Steven Ray Copeland, Columbus; B.S.Arch.; *Architecture*
- Benjamin Ndubuisi Ezealah, Nigeria; B.Arch. (University of Houston); *Architecture*
- Norbert A. Howell, Hamilton; B.S.Arch.; *Architecture*
- Thomas R. Matheny, Columbus; B.S.Arch.; *Architecture*
- Thomas Keith Nantka, Williamsville, N. Y.; B.S.Arch. (University of Detroit); *Architecture*
- Ian Marshall Petroff, Toronto, Canada; B.S.Arch.; *Architecture*

William C. Prenosil; B.S.Arch.;
Architecture

Charles Tiffany St. Clair, IV, Columbus;
B.S.Arch.; *Architecture*

Murari J. Shah, Bombay, India; B.Arch.
(Indian Institute of Technology);
Architecture

Shing-Chun Trever Wang, Taipei, Taiwan,
R.O.C.; B.Arch. (Tamkang College of Arts
and Sciences); *Architecture*

Master of Arts

Judith Abarbanel, New York, N. Y.;
B.A. (University of California at Los
Angeles); M.B.A. *Physical Education*

Tade Adenrele Adedokun, Offa, Nigeria;
B.A. (Malone College); *Education*

Beth S. Adelman, Columbus; B.S.;
Education

Dolores M. Alvarado, Columbus; B.Sc.Ed.
(Capital University); B.Religious Educ.
(Baptist Missionary Training School);
Education

Beth Louise Anderson, North Olmsted;
A.B. (Ashland College); *Political Science*

Mary Christine Anderson, Columbus; B.A.
(Kenyon College); *History*

Anita Jean Andrews, Columbus; B.A.
(Otterbein College); *History*

Connie Arrau, San Diego, Calif.; B.A.
(Northwestern University); *Music*

Kujenga Ashe, Columbus; B.A.;
Black Studies

Rita Moats Au, Waverly; B.S.; *Public
Administration*

Leona L. Austin, Mt. Lebanon, Pa.; B.A.
(Capital University); *Physical Education*

Christine Anne Lowe Bakhshi, Columbus;
B.S.Ed.; *Communication*

John Mark Baletka, Austin, Tex.; B.S.
(University of Texas at Austin);
Physical Education

Susanne R. Barnes, Columbus; B.A.;
Journalism

John Michael Barr, Whitehall; B.A. (Ohio
Dominican College); *Political Science*

M. Dale Barrett, Mt. Sterling; B.A.Jour.;
Public Administration

Timothy Lynn Barrett, Pataskala; B.A.
(Oral Roberts University); *Education*

Rita A. Bauer, Columbus; B.S.; *Education*

Rolla Matthew Beach, III, Delaware; B.A.
(Ohio Wesleyan University); *English*

Bonnie Elaine Beaver, Circleville; B.S.
(Ohio University); *Education*

Douglas Alan Behnke, Hilliard; B.S.Ed.;
Education

Michael John Belek, Lancaster; B.S.J.
(Ohio University); *Physical Education*

Benjamin H. Bennett, Westerville; B.S.Ed.
(Otterbein College); *Education*

Susan M. Bennett, Glen Burnie, Md.; A.B.
(Goucher College); *Slavic and East
European Languages and Literatures*

Lisa Renee Bixenstine, Kent; B.A., B.F.A.
(Kent State University); *History of Art*

Rosemary Blair, Columbus; B.S.Ed.;
Education

Joanne D. Blum, Galion; A.B. (Ohio
University); *English*

Ruth Marie Bodycombe, Dublin; B.A.
(College of Wooster); *Education*

Dorothy Irene Boone, Avonmore, Pa.;
B.A. (Grove City College); *Public
Administration*

Methanee Boonyuen, Bangkok, Thailand;
B.A. (Chulalongkorn University);
Education

Diane Marie Borger, Painesville; B.A.
(Miami University); *Theatre*

Carole Borgnaes, Westerville; B.M.
(Florida State University); *Music*

Carol L. Bowman, Hebron; B.S.Ed. (Ohio
University); *Education*

Irina Sergeeva Bradley; B.A. (Moscow
State University); *Slavic and East
European Languages and Literatures*

Nancy Kesselring Brant, Moundsville,
W. Va.; B.A. (West Virginia University);
Public Administration

Gregory C. Brown, Columbus; B.A. (Miami
University); *Journalism*

Marcia Lynn Brown, Centerville; B.S.Ed.
(Ashland College); *Physical Education*

Loren Elizabeth Bucek, Vestal, N. Y.; B.S.
(State University at Brockport); *Dance*

Rosemary L. Burkhart, Canton; B.A.
(Ursuline College); *Education*

Debra E. Burnsides, Westerville; B.S.;
Education

Patricia Lynn Summerour Burson; B.A.;
Black Studies

Susan Elizabeth Campana, Dayton; B.A.
(Miami University); *English*

Craig Nolan Campbell, Columbus;
B.S.Bus.Adm.; *Physical Education*

David C. Campbell, Maryville, Tenn.; B.A.
(Westminster College); *Political Science*

Annetta L. Carter, Columbus; B.S.Ed.;
Education

Clara Jane Patrick Casey, Columbus;
B.S.Ed.; *Education*

Therese Ann Cashel, Springfield, Mo.;
B.S. (Southwest Missouri State
University); *Physical Education*

Carol Cavallaro, Columbus; B.A.
(Wittenberg University); *English*

Dennis Kim Cellar, Worthington; B.A.
(Capital University); *Education*

Yea-Mow Chen, Taiwan, R.O.C.; B.A.
(National Taiwan University); *Economics*

Yu-Hsia Chen, Taichung, Taiwan, R.O.C.;
B.B.A. (National Taiwan University);
Economics

Kuei-Nan Douglas Chung, Taiwan, R.O.C.;
B.A. (Soochow University); M.S.W. (West
Virginia University); *Public
Administration*

Madeline Mary Cipriano, Irvington, N. Y.;
B.S. (Blockport State College); M.A.;
Education

Debbora Marie Clegg, Columbus; B.A.
(Otterbein College); *Education*

Frances L. Cohen, Columbus; B.A.
(Dickinson College); *Journalism*

Stephen Jeffrey Copeland, Columbus; B.A.
(Ohio Wesleyan University); *Physical
Education*

Constance Mary Cecilia Corrigan,
Alexandria, Va.; B.A.; *Slavic and East
European Languages and Literatures*

John Heber Cramton, Martinsville;
B.S.Agr.; *Education*

Charles LeRoy Crewsaw, Jr., Harrisburg,
Pa.; B.S. (Pennsylvania State University);
Black Studies

Nancy Hammil Curry, Worthington;
B.S.Ed. (Kent State University);
Education

Mark Stephen Davis, Columbus; B.A.;
*Interdisciplinary: Sociology, Political
Science, Public Administration*

Pamela Diane Dinkler, Clarksburg;
B.S.Ed.; *Education*

Thomas Philip DiPiero, Girard; B.A.;
Romance Languages and Literatures

Dianne Clarke Dixon; B.S.Ed.; *Education*

Susan English Dollinger, Columbus; B.A.
(Miami University); *Education*

Rita J. Donley, Columbus; B.S.W.;
Education

- Katherine Lee Drexel, Waupaca, Wis.; B.A. (Ripon College); *Romance Languages and Literatures*
- Maureen Drouin, Lawrence, Mass.; B.A. (University of Massachusetts); M.S.W.; *Public Administration*
- Pamela Michelle Dudek, St. Clairsville; A.B. (West Liberty State College); *Physical Education*
- Gay W. Eley, Norfolk, Va.; B.S., M.S. (Virginia Polytechnic Institute and State University); *Public Administration*
- Wilhelmina F. Ellermets; B.S.Ed. (State University of New York at Oneonta); *Education*
- Amy Baker Enright, Pittsburgh, Pa.; B.S. (Denison University); *Education*
- Lucie D. Eschenbrenner, Columbus; B.S.H.E. *Education*
- Al Esposito, Belleville, N.J.; B.A.; *Journalism*
- Brian A. Esselstein, Kettering; B.S. (Wright State University); *Physical Education*
- John Bergin Exline, Columbus; B.A. (University of Notre Dame); *Education*
- Douglas James Fitzjarrell, Colorado Springs, Colo.; B.S. (Iowa State University); *Physical Education*
- Tim Alan Flanagan, Cambridge; B.A. (Muskingum College); *Education*
- Leslie Adams Fleming, Rochester, N. Y.; B.S. (University of Wisconsin at Madison); *Journalism*
- Eileen S. Flinn, Troy; B.S. (Manchester College); *Education*
- Cynthia A. Forslund; B.A. (Ohio Dominican College); *Physical Education*
- James R. Fries, Columbus; B.A., M.S.L.S. (Case Western Reserve University); *Public Administration*
- Angelika E. Fuehrich, Leipzig, Germany; Zwischenprüfung (University of Augsburg); *German*
- Robert Louis Gagliardo, North Olmsted; B.A. (Cleveland State University); *Philosophy*
- Gayle Ann Galloway, Ashland, Ky.; B.A. (Transylvania University); *Education*
- Corinne Mazza Gamble; B.S. (Kutztown State College); *Education*
- John Edward Geiger, Hebron; B.S.; *Education*
- Bryan Douglas Gerber, Granville; B.S.; *Education*
- Athena Gini, Serres, Greece; Ptyhion (University of Thessaloniki); *Education*
- Peter Brian Goldthorpe, Toronto, Canada; B.A. (University of Western Ontario); *Philosophy*
- Ruth Gant Gonser, Columbus; B.S.; *Public Administration*
- James Alan Green, Bay Village; B.S.; *Physical Education*
- Nathan L. Griffin, Columbus; B.S.; *Education*
- Elizabeth Lennox Grover, Woodbridge, Va.; B.S. (Cornell University); M.P.A. (George Washington University); *Education*
- Deborah K. Gustafson, Cuyahoga Falls; B.S. (Kent State University); *Physical Education*
- Sandra Lee Haas, Cincinnati; B.S. (University of Cincinnati); *Education*
- James E. Hamer, Huron; B.S. (Bob Jones University); *Education*
- Janice Denise Hamlet, Reidsville, N. C.; B.A. (Johnson C. Smith University); M.A. *Education*
- Randal Martin Hardesty, Wooster; B.S.; *Education*
- Sheila Morris Harris, Columbus; B.S.Ed. (Ohio University); *Education*
- Carol Schaffer Hasbrouck, Columbus; B.S. (Miami University); *Education*
- Eugene Paul Hettel, Norwalk; B.S.; *Journalism*
- Dale M. Hilty, Belle Center; B.A. (Bluffton College); M.Ed. (Edinboro State College); *Education*
- Margaret Anne Holland, Ashland; B.S.Ed. (Kent State University); *Education*
- Deirdre Estelle Holmes, Fayetteville, N. C.; B.S.; *Education*
- Linda Powell Hulligan, Thornville; B.A.; *Geography*
- John David Hunter, St. Marys; B.S.S.W.; *Public Administration*
- Robert Dale Ickes, Huntington, Ind.; B.A. (Indiana University); M.A.; *Public Administration*
- Michael Guido Ignelzi, Big Bear Lake, Calif.; B.A. (University of California at Riverside); *Education*
- John L. Jackson, Columbus; B.S.B.A. (John Carroll University); *Economics*
- Moirae Lee Jackson, Fargo, N. Dak.; B.F.A. (University of Utah); *Dance*
- Paul Dana Jackson, Fayetteville, Ark.; B.F.A. (University of Utah); *Dance*
- Philip J. Jacobs, Columbus; B.A., M.A. (Collegium Canistanun Oemipotanun); *Philosophy*
- MaryLynn K. Jacobson, Worthington; A.D. (Duke University); *Education*
- Cynthia Ann Johns, Columbus; B.A.; *Philosophy*
- David Roger Joseph Johnson, Philadelphia; B.A. (College of the Holy Cross); *Education*
- Stephen M. Judah, Vincennes, Ind.; B.A. (Wabash College); *Education*
- David Howard Kalsbeek, Cincinnati; B.A. (Muskingum College); *Education*
- Lawrence Martin Kaplan, New Rochelle, N. Y.; B.A. (Ohio Wesleyan University); *History*
- Dean Kyle Kauffman, Worthington; B.A. (Baldwin-Wallace College); *Public Administration*
- Kathy SchAAF Keller, Columbus; B.A. (Capital University); *Education*
- Donna Marie Kelley, Bellefonte, Pa.; B.S. (The Pennsylvania State University); *Education*
- Bruce Bryson Kern, Granville; B.S.; *Education*
- Patricia J. Kiefer, Columbus; B.A.; *Communication*
- Youngman Kim, Seoul, Korea; B.A. (Korea University); *East Asian Languages and Literatures*
- Robert George Kindmark, Newton, N. J.; B.A. (Allegheny College); *History*
- Cole C. Kingseed, Piqua; B.A. (University of Dayton); *History*
- Steven Edward Knicely, Harrisonburg, Va.; B.A. (James Madison University); *Slavic and East European Languages and Literatures*
- Melinda Anne Knight, Tallmadge; B.A. (Westminster College); *Romance Languages and Literatures*
- Terry Eugene Kopchak, Zanesville; B.S.; *Education*
- Cheryl V. Kriska, Columbus; B.S.Ed.; *Education*
- Sandra Yu-Wen Ku, Taiwan, R.O.C.; B.A. (Fujen Catholic University); *Education*
- Mary M. Lamon, Columbus; B.S.Ed.; *Education*
- Rebecca Annette Lee, Cincinnati; B.A. (Capital University); *Education*

- Lawrence J. Less, Pittsburgh, Pa.; B.A., (Minot State College); *Economics*
- Eric Charles Lewandowski, Toledo; A.B. (John Carroll University); *History*
- Fleming Ho-Min Liao, Taipei, Taiwan, R.O.C.; B.A. (National Cheng Chi University); *Journalism*
- Alison S. Linn, Delaware; B.S.; *Psychology*
- Marjorie Ann Lipshez, Hamden, Conn.; B.A. (Colgate University); *Education*
- John B. Lowe, Columbus; B.S. B.A.; *Public Administration*
- David Leopold Lowenstein, Olympia, Wash.; B.F.A. (Arizona State University); *Dance*
- Susan Arlene Lowry, Columbus; B.A., M.S. (University of Kentucky); *Public Administration*
- Mary Ventry Lundberg, Circleville; B.S.Ed. (Ohio University); *Education*
- Peter Mark Magolda, Stratford, N. J.; B.A. (LaSalle College); *Education*
- Denis Christopher Mair, East Canton; B.A.; *East Asian Languages and Literatures*
- Joanne Zinser Mann; B.S.; *Education*
- Donald L. Marshall, Stafford, Va.; B.S. (Virginia Commonwealth University); *Education*
- Janet M. Martin; B.A. (Marquette University); *Political Science*
- Ann Elizabeth Matheson, Willowick; B.A. (Kent State University); *English*
- Danny L. McBride, Idaho Falls, Ida.; B.A. (Idaho State University); *Physical Education*
- Michael John McDonnell; B.S. (Drake University); *Physical Education*
- Richard Lee McKee, Youngstown; B.F.A.; *Photography and Cinema*
- Bruce Porter McLane, Burbank; B.S. (United States Air Force Academy); *Education*
- Rebecca Ann Meffley; B.S., B.S. (Miami University); *Education*
- Jeffrey William Meusel, New Haven, Conn.; B.A. (Central College); *German*
- Susanne Miklautsch Meusel; Vordiplom (University of Vienna); *German*
- Daniel DeWitt Mickey, III, Mountain View, Calif.; B.Mus.; *Music*
- Artie Cornell Miller, Cincinnati; B.A.; *Education*
- Candace R. Miller, Lima; B.S.; *Education*
- Beatriz del Pilar Miranda, Mansfield; B.S. (Bowling Green State University); *Education*
- Kent Allen Mitchell, Columbus; B.A.; *History*
- Terry Wayne Mitchell, Phoenix, Ariz.; B.S. (Arizona State University); *Psychology*
- Kathleen Swank Monarchi, Mansfield; B.S.Ed. (Miami University); *Education*
- Paul William Morganski, Columbus; B.Sc., *Public Administration*
- Elizabeth Ann Mullarkey, Clintonville, Wis.; B.S. (University of Wisconsin at La Crosse); *Physical Education*
- Kathryn Ann Nadorff, Pittsburgh, Pa.; B.S. (St. Louis University); *Romance Languages and Literatures*
- Tatyana Khristova Nestorova-Matejic, Sofia, Bulgaria; B.A. (University of Sofia); *History*
- Robert Charles Newton; B.A. *History of Art*
- David Everitt Nichols, Ionia, Mich.; B.S.Ed.; *Physical Education*
- Kathryn Helen Obear, Cheverly, Md.; B.A. (Washington College); *Education*
- Rosemary Egoudu Onyejekwe, Owerriokwoji, Nigeria; B.Sc. (University of Nigeria); M.S.; *Physical Education (Health Education)*
- Marie Hanna Oplesch; B.S. (Winthrop College); *Education*
- Nancy P. Owen, Bexley; B.S.Ed. (Miami University); *Education*
- Donald Keith Parks, Louisville, Ky.; B.Mus.Ed.; *Music*
- Debra Ann Parmele, Columbus; B.S.Ed. (Florida Atlantic University); *Education*
- John Edward Parsons, Columbus; B.S.Ed.; *Education*
- Lesly Jean Patterson, Leetonia; B.A.; *Public Administration*
- Johnny Wayne Pettyjohn, Shelby, N. C.; B.S. (Johnson C. Smith University) *Education*
- Kaye Ann Pfister, Wooster; B.A. (Miami University); *Economics*
- Craig Lawrence Phelan, Dayton; B.A. (Miami University); *History*
- John Douglas Pierce, Columbus; B.S. (Ohio University); *Education*
- Rita Marian Pierce, Plymouth, Wis.; B.S. (Ferris State College); *Education*
- Laurel Ann Porro, Ridgewood, N. J.; B.S.; *Physical Education*
- Charles William Poth, Columbus; B.A.; *Public Administration*
- Annette Brinch Poulsen, Port Townsend, Wash.; B.A. (Washington State University); *Economics*
- Beverly Kinney Poulson, Worthington; B.S.N.; *Physical Education (Health Education)*
- Eva Kay Pound, Newark; B.S.; *Education*
- Reese Edward Price, Fullerton, Calif.; B.S. (California State University at Fullerton); *Philosophy*
- Anita Frances Pruitt, Thousand Oaks, Calif.; B.A. (Milligan College); *Music*
- Timothy M. Pryor, Struthers; A.B., M.A. (Youngstown State University); *Economics*
- Sandra Dawson Quimby, Coshocton; B.A., *Journalism*
- Marilyn Mason Reed, Columbus; B.S. (University of Wisconsin at Madison); *Education*
- Deborah A. Reindl, Fayetteville; B.A.; *Physical Education*
- Jeffrey Charles Resnick, Cleveland Heights; B.A.; *Communication*
- Michael Brad Reynolds, Wilmington; B.A.; *Public Administration*
- Pei-ju Riao, Taipei, Taiwan, R.O.C.; B.A. (National Taiwan University); *East Asian Languages*
- Robert Alan Ridewood, Columbus; B.A., B.S.; *Education*
- Diane Hunt Roberts, Columbus; B.S.Ed.; *Communication*
- April E. Ronca, Miami, Fla.; B.S.; *Psychology*
- Marilyn Ann Rose, Painesville Twp.; B.S.Ed. (Miami University); *Education*
- David Jonathan Rossington, St. Croix, U.S. Virgin Islands; B.A. (College of the Virgin Islands); *Education*
- William C. Ruoff, Columbus; B.S.Ed.; *Education*
- Patricia Theresa Russo, Norristown, Pa.; B.S. (East Stroudsburg State College); *Dance*
- Patricia M. Ryan; B.A. (Ohio Dominican College) *Education*
- Gretchen Anne Ryder, Dover, N. H.; B.S. (University of Maine, Farmington); *Education*
- Ann Frances Sabock, State College, Pa.; B.A. (The Pennsylvania State University); *Education*
- Izumi Saito, Ihara-gun, Japan; B.A. (International Christian University); *East Asian Languages and Literatures*

Raymond A. Schlabach, Plain City; B.A. (Eastern Mennonite College); *Linguistics*

Charles Walter Sears, Hilliard; B.S.Ed.; *Physical Education (Health Education)*

Wallace K. Sergeant, Jr., Columbus; B.A. (Miami University); *East Asian Languages*

Susan M. Shaffer, Worthington; B.S.E. (Ohio University); *Education*

Kathryn Press Sheehan, Columbus; B.S.; *Public Administration*

Randy J. Shields, Columbus; B.A. *Journalism*

Jeong-Shik Shin, Seoul, Korea; B. Commer. (Seoul National University); *Economics*

Linda Sue Sininger, Bryan; B.S. Ed.; *Education*

Mary Jane Skarakis, Hacienda Heights, Calif.; B.A. (University of California at Santa Barbara); *Education*

Susan K. Sklover, Hallandale, Fla.; B.S. (Tufts University); *Psychology*

James Alan Smith, Pittsburgh, Pa.; B.A. (The Pennsylvania State University); *Dance*

Kathryn Mary Smith, Delaware; B.A. (Allegheny College); *History*

Olivia Delores Smith, Jackson, Miss.; B.S. (Jackson State University); *Journalism*

Leonard Sparks, Jr., Oklahoma City, Okla.; B.A. (Lane College); *Political Science*

Gerald L. Stacey; B.A. (Dennison University); *Political Science*

Sandra Schrier Stephenson, Columbus; B.S., M.S.W.; *Public Administration*

JoAnn Stokes, Columbus; B.A.; *Black Studies*

Robert N. Stone, Miami, Fla.; B.Mgt.E. (Rensselaer Polytechnic Institute); M.B.A. (University of Miami); *Public Administration*

Rebecca Gage Stout, Rock Island, Ill.; B.A. (University of Illinois); *Education*

Steven K. Sunker, Reynoldsburg; B.S.Ed. (Ohio University); *Physical Education (Health Education)*

Julia Thomas Swenzy, Lancaster; B.S. (Ohio University); *Education*

Michael Lee Szymanski, Falls Church, Va.; B.A. (James Madison University); *Political Science*

Julianne Taaffe, Columbus; B.A. (Ohio Dominican College); *English*

Richard J. Tallman, Staten Island, N. Y.; B.A. (State University of New York at Geneseo); *Education*

Donald C. Taylor; B.S.Soc.Wel.; *Public Administration*

James Webster Thomas, Dayton; B.S.; *Education*

James Michael Tierney, Columbus; B.S. (University of Kentucky); M.B.A. (Xavier University); *English*

Vicki Lynn Tinsler, North Canton; B.S. (Ashland College); *Physical Education*

Katherine Trammell, Mt. Solon, Va.; B.S. (James Madison University); *Dance*

Linda LeBlanc Tschantz, Lexington; B.S.Ed.; *Education*

Phillip W. Uresy, North Chicago, Ill.; B.A. (Eureka College); *Political Science*

Charles W. Walker, Columbus; B.S.Ed.; *Public Administration*

Michael Elliot Wasserman, Columbus; B.A.; *Public Administration*

Robert Mark Randall Waterworth, Dayton; B.A.; *Anthropology*

Harriet M. P. Weatherford, Columbus; B.A. (Linfield College); B.S.; *Education*

Rebecca A. Weir, Butler, Pa.; B.A. (Wittenberg University); *Education*

Dennis P. Weller, Miamisburg; B.A. (Bowling Green State University); *History of Art*

Robert Dale West, Guymon, Okla.; B.S. (Oklahoma State University); *Education*

William Clyde Wilcox, Fairmont, W. Va.; A.B. (West Virginia University); *Political Science*

Patricia D. Williams, Paterson, N. J.; B.A. (Saint Augustine's College); *Public Administration*

Sharon Kay Klamfoth Williamson, Pickerington; B.A. (Capital University); *Education*

Carlton E. Wilson, Warrenton, N. C.; B.A. (North Carolina Central University); *History*

Leslie Robin Wolfe, Columbus; B.S.; *Business Administration*

John Dietrich Wragge, Norristown, Pa.; B.A. (Muhlenberg College); M.A. (Middlebury College); *Education*

Chih-Sheng Wu, Taipei, Taiwan, R.O.C.; B.S. (Soochow University); *Economics*

Hyeokkeun Yoo, Seoul, Korea; B.A. (Seoul National University); *Economics*

Mark H. Zietlow, Columbus; B.A. (Capital University); *Public Administration*

Master of Business Administration

Lawrence Curtiss Abbott, Dublin; B.S. *Business Administration*

Samir A. Al-Shubaily, Jeddah, Saudi Arabia; B.S.C.E.; *Business Administration*

Raymond James Baker, Cincinnati; B.S. (Colorado State University); *Business Administration*

Gary Wayne Balhou, Columbus; B.S.I.S.E.; *Business Administration*

Henry Chester Beavers, Orient; B.S. (Campbell College) *M.S. Business Administration*

Gary L. Berndt, Columbus; B.I.A. (General Motors Institute); *Business Administration*

Susan M. Bottiggi, Syracuse, N. Y.; B.A. (Ohio Wesleyan University); *Business Administration*

Frank G. Bozick, Grandview; B.S.; *Business Administration*

Daniel Jay Bragg; B.S.; *Business Administration*

William Leggett Bridgen, Worthington; A.B. (Dartmouth College); *Business Administration*

George Sheldon Brookes, Westerville; B.A. (Otterbein College) *Business Administration*

Glendon William Brown, Chillicothe; B.S. (Miami University); M.S., Ph.D. (The Institute of Paper Chemistry); *Business Administration*

Michael L. Bruns, Kettering; B.S.Bus.Adm.; *Business Administration*

Mitchell James Bryars, Dayton; B.S. (Miami University); *Business Administration*

Jack David Buckner, Cleveland Heights; B.S. (Miami University); *Business Administration*

Charles S. Buemi, Westerville; B.S.; *Business Administration*

Mark J. Butterworth, Westerville; B.B.A. (Ohio University); *Business Administration*

Valerie Jean Cable, Freehold, N.J.; B.A. (College of William and Mary); *Business Administration*

Arnnon Chait, Ramat-Gan, Israel; B.S.M.E., M.S. (Handassa Ort Technical College); *Business Administration*

Ping Chu, Taipei, Taiwan, R.O.C.; B.Bus. (Fu-Jen Catholic University); *Business Administration*

David Steven Colombo, Columbus; B.A. (Marietta College) *M.S.; Business Administration*

Paul Bartholomew Cressor, III; Marion; B.S. (Northwestern University); *Business Administration*

Donald L. Cullen, Worthington; B.S.E.P. *Business Administration*

Ralph J. DeMarco, Nanty-Glo, Pa.; B.A.; *Business Administration*

William Jerome Denk, Columbus; B.S. *Business Administration*

James Patrick Donlon, New Albany; B.S.; *Business Administration*

John Thomas Eastman, North Canton; B.S.M.E. (Michigan Technological University); *Business Administration*

- Robert George Elliott, Columbus; B.M.E. *Business Administration*
- Deborah Jane Folk, Worthington; A.B. (Miami University); *Business Administration*
- Alan Russel Ford, Columbus; B.A. (Judson College); *Business Administration*
- Robert Ross Freeborn, North Canton; B.A., B.S. Ed.; *Business Administration*
- Shirley B. Gansser, Worthington; B.S.B.A. (Wayne State University); *Business Administration*
- John Giammarella, Columbus; B.S. (Columbia University); *Business Administration*
- Martin Frederick Goetze, Bellevue; B.S.B.A. (Franklin University); *Business Administration*
- Robert G. Heilman, Columbus; B.S.M.E. (Purdue University); *Business Administration*
- John Richard Hoffmann, Columbus; B.E.E.; *Business Administration*
- Abby Elizabeth Hughes, Marathon, Fla.; B.A. (Beloit College); M.Ed. (The Johns Hopkins University); *Business Administration*
- Kenneth David Jamie, Worthington; B.S. (Purdue University); *Business Administration*
- David D. Jesse, Marion; B.S. (Miami University); *Business Administration*
- Mark Alan Johnson, Jamestown; B.S. (Miami University); *Business Administration*
- Marilyn Hobart Kinsey, Chillicothe; B.Sc. (The Victoria University of Manchester) M.Sc. (Institute of Paper Chemistry); *Business Administration*
- Chung Kil Kwak, Seoul, Korea; B.S. (Yonsei University); *Business Administration*
- Michael David Levitz, Columbus; B.S.; *Business Administration*
- Thomas Phillip Locke, Alexandria, Va.; B.S.Bus.Adm.; *Business Administration*
- Ronald Arthur Losey, Cuyahoga Falls; B.A. (Lake Superior State College); *Business Administration*
- Paul Frank Madaio, Oxford, Mass.; B.A. (University of Wisconsin—Madison); *Business Administration*
- James Martin Marin, North Canton; B.S. (Pennsylvania State University); *Business Administration*
- Carlile Babcock Marshall, Columbus; B.A. (College of Wooster); *Business Administration*
- Frederick A. Matthews, Fostoria; B.Sc. *Business Administration*
- Sabra Lynn McConnell, Coshocton; B.S.Ed. (Bowling Green State University); *Business Administration*
- Terese Ann McLane, Aurora, Colo.; B.A. (Colorado Women's College); *Business Administration*
- Patrick T. McMahon, Cincinnati; B.S. (University of Cincinnati); *Business Administration*
- Karen Eileen McMullen, Baltimore, Md.; A.B. (Wilson College); *Business Administration*
- Murry James Mercier, III, Worthington; B.S.; *Business Administration*
- Jaye Claire Miller, Silver Spring, Md.; B.S. (Florida State University); *Business Administration*
- Mark Peters Monsarrat, Columbus; B.S.M.E., M.S.; *Business Administration*
- Dolores Mary O'Brien; B.S.; *Business Administration*
- James A. Ohlweiler, Kent; B.A. (Kent State University); *Business Administration*
- Carol Gwen Philbrick, Ada; B.A. (Ohio Northern University); *Business Administration*
- Pascal Popelier, Limoges, France; Diploma (Ecole Supérieure de Commerce et d'Administration des Entreprises de Poitiers); *Business Administration*
- Lana Loy Garner Porter, Chagrin Falls; B.A., M.A.T. (Murray State University) *Business Administration*
- Kevin I. Pownall, Toledo; B.A.; *Business Administration*
- Frances J. Purvis, Columbus; B.A. (Miami University); *Business Administration*
- Robert Collins Quinn, Westerville; B.A. (Ohio Wesleyan University) J.D.; *Business Administration*
- William Edward Rand, Granville; B.S. (Miami University); *Business Administration*
- Charles F. Rauch, Jr.; B.S., M.S. (United States Naval Academy); *Business Administration*
- Christopher John Reid, Urbana; B.A. (Baldwin-Wallace College); *Business Administration*
- James Edward Roberts, Jr., Canton; B.S. (Florence State Teachers College) *Business Administration*
- Sharon Lee Ruswinkle, Sylvania; B.A. *Business Administration*
- Dennis Gary Schaechter, Bardstown, Ky.; B.S.; *Business Administration*
- Gordon Everett Schaechter, Jr., Norwalk; B.B.A. (Ohio University); *Business Administration*
- Carole A. Schermer, Columbus; B.S. (Notre Dame College); M.S. (John Carroll University); M.S.; *Business Administration*
- Thomas Joseph Seifert, Canfield; B.B.A. (Ohio University); *Business Administration*
- Ronald Marc Shkolnik, Columbus; B.A. (University of Wisconsin); *Business Administration*
- Mark A. Smiley, Canal Winchester; B. B. A. (Ohio University); *Business Administration*
- Gaylord Edwin Smith, Columbus; B.S.E. (Princeton University); *Business Administration*
- Beth Margo Spatz, River Vale, N. J.; B.S.B.A. (Boston University); *Business Administration*
- Timothy Michael Stock, Massillon; B.S. *Business Administration*
- Marybeth C. Sullivan, Bloomfield Hills, Mich.; A.B. (University of Michigan); *Business Administration*
- James Michael Tanner, Columbus; B.S. (United States Military Academy); *Business Administration*
- Silas Tarver, Toledo; B.S.C.E. (Toledo University) *Business Administration*
- Robert John Towles, Toledo; B.Sc. (University of Toledo); *Business Administration*
- Ross William Walker, Plain City; B.S. *Business Administration*
- Jerry Williamson Worley, Columbus; B.A. (Wabash College); *Business Administration*

Master of City and Regional Planning

- Tracy C. Allen, Glen Cove, N. Y.; B.A. (State University of New York at Oswego); *City and Regional Planning*
- Clark Elwood Arneson, Crookston, Minn.; B.A. (Moorhead State University); *City and Regional Planning*
- Stahl Gregory Baker, Oberlin; B.A. (Howard University); *City and Regional Planning*
- Shirley L. J. Barney, Detroit, Mich.; B.A. (Wayne State University); *City and Regional Planning*
- Samuel Blackwell, Manning, S. C.; B.A. (Johnson C. Smith University); *City and Regional Planning*
- Gerard James Brems, Birmingham, Mich.; B.A. (University of Notre Dame); *City and Regional Planning*
- James A. Doyle, III, Red Bank, N. J.; B.A. (Marist College); *City and Regional Planning*
- Brian Joseph Gallagher, Worthington; B.S.; *City and Regional Planning*
- Maria Zertuche Gonzalez, Mexico City, Mexico; B. In Architecture (National University of Mexico); *City and Regional Planning*
- Donna M. Hanousek, Cleveland; B.A. (Cleveland State University); *City and Regional Planning*
- John Marcus Hirth, Columbus; B.A. (Miami University); *City and Regional Planning*

Doris J. James, Beatrice, Ala.; B.A. (Talladega College); *City and Regional Planning*

James M. Kell, Columbus; B.A. (Miami University); *City and Regional Planning*

Terry Ann Lurie, Liberty, N. Y.; B.A. (State University of New York at Oswego); *City and Regional Planning*

Magnus Paul Milanzi, Mtwara, Tanzania; Diploma (Ardhi Institute); *City and Regional Planning*

Mary Louise Pasholk, Columbus; B.A.; *City and Regional Planning*

Frank Pietravoia, Eastlake; B.A. (Cleveland State University); *City and Regional Planning*

Jorge Resendiz Ordoñez, Mexico City, Mexico; Ade P. (Universidad Nacional Autónoma de México); *City and Regional Planning*

Theodore John Rieck, Nashua, N. H.; B.A. (University of New Hampshire); *City and Regional Planning*

Brent David Rosenthal, Columbus; B.A.; *City and Regional Planning*

James M. Rutala, Bridgeton, N. J.; B.A. (Seton Hall University); *City and Regional Planning*

James A. Sequin, Torrington, Conn.; B.A. (University of Connecticut); *City and Regional Planning*

Nimfa Restituta H. Simpson, Philippines; B.A. (Maryknoll College); *City and Regional Planning*

George C. Skarmears, Athens, Greece; Ptychion (National Technological Institute); M.Arch.; *City and Regional Planning*

Lee Owen Solow, Cranbury, N. J.; B.A. (University of Wisconsin); *City and Regional Planning*

Richard Alan Wells, Taholah, Wash.; B.A. (Central Washington State College); *City and Regional Planning*

Andrew Gray Young, Cincinnati; B.A. (Miami University); *City and Regional Planning*

Master of Fine Arts

Chandra Denise Cox, Detroit, Mich.; B.A. (Hampton Institute); *Art*

Lynn B. Eder, St. Louis, Mo.; B.A. (Antioch College); *Art*

James J. Hendrickx, Mt. Vernon; B.A. (Moorhead State University); M.A. (University of North Dakota); *Art*

Pamela Cottier Keech, Elyria; B.F.A.; *Art*

John C. Rager, Fredericktown, Pa.; B.S. (California State College); *Theatre*

John R. Starkey, Newcomerstown; B.F.A.; *Art*

Susan K. Warren, Fairview, Mo.; B.S.Ed. (Southwest Missouri State University); *Theatre*

William Jaime Winsor, Wilmington; B.A. (Wilmington College); *Theatre*

Master of Health Administration

Rodney Lee Aries, Olympia, Wash.; B.S. (University of Washington); *Allied Medical Professions*

Wilbur Vogt Arnold, III, Massillon; B.S. (Bowling Green State University); *Allied Medical Professions*

Spencer Edmunds Boyer, Jr., Mifflinburg, Pa.; B.S. (The Pennsylvania State University); *Allied Medical Professions*

Thomas A. Daniels, Georgetown, Guyana; B.A. (Oakwood College); *Allied Medical Professions*

Robert H. DaPrato, Celina; B.Sc. *Allied Medical Professions*

Gail Christine Dieffenbach; B.A. (Ursinus College); *Allied Medical Professions*

James Paul Ewashenko, Warren, Mich.; B.S. (Michigan State University); *Allied Medical Professions*

William J. Griffin, Brushton, N. Y.; B.S. (St. Lawrence University); *Allied Medical Professions*

Richard A. Hanson, Price, Ut.; B.S. (University of Utah); *Allied Medical Professions*

Bryan Daniel Hehemann, Cincinnati; B.S. (University of Dayton); *Allied Medical Professions*

Jack David Holt, Reynoldsburg; B.S.; *Allied Medical Professions*

Terry L. Jones, Columbus; B.S. (Kent State University); *Allied Medical Professions*

Dean Raymond Judkins, Columbus; A.B. (Ohio University); *Allied Medical Professions*

Dan Bennett Lang; B.A. (University of Minnesota at Minneapolis); *Allied Medical Professions*

Michael Lawrence Reichfield, East Meadow, N. Y.; B.S. (State University of New York at Stony Brook); *Allied Medical Professions*

Willard H. Rosegay, San Francisco, Calif.; B.S. (University of California at Berkeley); Pharm.D. (University of California at Berkeley); *Allied Medical Professions*

Sister Susan Schorsten, Youngstown; B.S.N. (Saint John College); M.S. (University of Minnesota); *Allied Medical Professions*

John Douglas Simon, Pittsburgh, Pa.; B.A. (Washington and Jefferson College); *Allied Medical Professions*

David Alan Stephens, Columbus; B.S. (Franklin University); *Allied Medical Professions*

Donald Joseph Wadle, Columbus; B.A. (Saint Ambrose College); *Allied Medical Professions*

LaMar L. Wyse, West Liberty; B.A. (Malone College); *Allied Medical Professions*

Master of Labor and Human Resources

James F. Adams, Columbus; B.S.; *Labor and Human Resources*

Lowell E. Crable, Jr., Columbus; B.S.; *Labor and Human Resources*

Patricia Ann Di Palma, Lancaster; B.S. (Ball State University); *Labor and Human Resources*

Mark Dennis Larson, Des Moines, Ia.; B.G.S. (University of Iowa); *Labor and Human Resources*

Thomas L. Mirgon, Zanesville; B.S.; *Labor and Human Resources*

Joanne Lambert Sammons, Cambridge, Mass., B.A.; (University of Massachusetts); *Labor and Human Resources*

Donald Joe Van Meter, Spencer; B.S.; *Labor and Human Resources*

Master of Landscape Architecture

Sara Katherine Williams, Maxeys, Ga.; Bachelor of L.A. (University of Georgia); *Landscape Architecture*

Master of Music

- Jonathan Allen Colegrove, Greenwich, Conn.; B.S. (University of Connecticut); *Music*
- Daniel Francis D'Addio, Newburgh, N. Y.; B.M. (University of Hartford); *Music*
- Rebecca Ellen Evans, San Diego, Calif.; A.B. (San Diego State University); *Music*
- Kyung-hee Yu Lee, Seoul, Korea; B.M. (Seoul National University); *Music*
- Susan Gail Miller, Columbus; B.Mus.; *Music*
- Karen Williams Romeo, Leawood, Kans.; B.Music (Northwestern University); *Music*
- Richard E. Romeo, Andover, Mass.; B.Music (Northwestern University); *Music*
- William R. Stewart, Culpeper, Va.; B.M.E. (Virginia Commonwealth University); *Music*
- Elizabeth Anne Young, Circleville; B.M. (Capital University); *Music*

Master of Public Administration

- Robert G. Adamson, II, Lordstown; B.A. (College of Wooster); *Public Administration*
- Denise A. Bechtel, Hilliard; B.S.Nurs.; *Public Administration*
- Linda S. Becker, Columbus; B.S.Ed.; *Public Administration*
- Cheryl Ann Bivins, Kansas City, Mo.; B.S. (Tuskegee Institute); *Public Administration*
- Jill Allison Semon Fergus, Morgantown, W. Va.; B.S.J. (Ohio University); *Public Administration*
- Colleen Woods Gotherman, Worthington; B.A.; *Public Administration*
- Melissa Lynn Green, Tipp City; B.A.; *Public Administration*
- Mary Grace Holland, Ashland; B.A.; *Public Administration*
- William C. Jennison, Mentor; B.A. (Miami University); *Public Administration*
- Robert Lee Johnson, Massillon; B.A. (Capital University); *Public Administration*
- Brett Ellison Jones, Columbus; B.S. (Bowling Green State University); *Public Administration*
- Ann Verna Kibler, Binghamton, N. Y.; B.A. (Hartwick College); *Public Administration*

- Wyatt Andrew Kingseed, Sidney; A.B. (Miami University); *Public Administration*
- James Edward Krygier, Rockford, Mich.; B.S.; *Public Administration*
- Jeanne Louise MacMillan, Sylvania; B.A. (Miami University); *Public Administration*
- Dale Michael Musilli, Mansfield; B.S.; *Public Administration*
- William Julius Orosz, Highland Heights; B.S. (Miami University); *Public Administration*
- Barbara Ann Rich, Mayfield Heights; B.A. (Miami University); *Public Administration*
- Ralph Taylor Schoneman, La Quinta, Calif.; B.A. (University of California at Riverside); *Public Administration*
- Kenneth L. Shellberg, Columbus; B.S.; *Public Administration*
- Patricia E. Skuse, Rochester, N. Y.; B.A. (Denison University); *Public Administration*
- Scott Donald Solsman, Columbus; A.B. (Oberlin College); J.D.; *Public Administration*
- Katherine A. Tatterson, Columbus; B.A.; *Public Administration*
- Robert Anthony Victor, Cambridge; B.S. (Earlham College); *Public Administration*
- Douglas Karl Weik, Lakeside, Conn.; B.S. (Bates College); M.S.; *Public Administration*
- Shirleen Wilson, Salters, S. C.; B.S. (Benedict College); *Public Administration*

Master of Science

- Molly Aalyson, Columbus; A.B. (Boston College); *Home Economics*
- Nabil Mohammed Abu-Jbara, Gaza, Palestine; B.S. (University of Mississippi); M.S.; *Computer and Information Science*
- Millicent Maykuth Adams, Columbus; B.S. (Miami University); *Home Economics*
- Roberta Lynn Albright, Dayton; B.S.Agr.; *Agricultural Education*
- Ali Abdullah Al-Fayez, Kuwait City, Kuwait; B.S.E.E. (University of Wisconsin); *Electrical Engineering*
- Radwan Abdul-Rahman Al-Jarrah, Irbid, Jordan; B.Sc. (University of Baghdad); *Computer and Information Science*
- Mary Suzanne Aller, Great Falls, Va.; B.S. (Virginia Polytechnic Institute and State University); D.V.M.; *Veterinary Pathobiology*
- Myra Darlene Alley, Meadow Bridge, W. Va.; B.S. (Concord College); *Home Economics*
- Marinez M. Alves de Lima, Sao Paulo-SP, Brazil; B.S. (University of Sao Paulo); *Plant Pathology*
- Etim Anwana Amba, Oron, Nigeria; B.Sc. (University of Nigeria); *Agronomy*
- Gary James Andrasko, Columbus; O.D.; *Physiological Optics*
- Salvatore M. Anzalone, Brooklyn, New York, N. Y.; B.S. (Polytechnic Institute of Brooklyn); *Metallurgical Engineering*
- LuAnn Aquino, Pittsburgh, Pa.; B.A. (Washington and Jefferson College); *Biochemistry*
- Freda Mabelle Ashbaugh, Chillicothe; B.A. (Northland College); *Plant Pathology*
- Panagiotis Demetrios Aslanides, Thessaloniki, Greece; D.D.S. (Aristotle University of Thessaloniki); *Dentistry*
- Mohammad Reza Azimi Tabrizi, Tehran, Iran; B.S.; *Industrial and Systems Engineering*
- James Michael Bain, Beavercreek; B.S. (Ohio University); *Electrical Engineering*
- Anelia Balale, Euclid; B.S.; *Allied Medical Professions*
- Robert W. Ball, Columbus; B.S.E.E.; *Computer and Information Science*
- William Joseph Barson, Warren; B.S. (Cornell University); M.D.; *Medical Microbiology*
- David A. Bates, Cambridge; B.A. (Capital University); M.S.; *Computer and Information Science*
- David J. Bean, Cowlesville, N. Y.; B.A. (State University College of New York at Oswego); *Zoology*
- Mark Allen Bernstein, Plainview, N. Y.; B.A. (State University of New York — Albany); *Mathematics*
- Douglas H. Bigelow, Middletown, Conn.; B.A. (Wesleyan University); *Computer and Information Science*
- Thomas Dell Bigley, Jr., Columbus; B.S.Pharm.; *Pharmacy*
- Gokhan Riza Bilge, Ankara, Turkey; B.S.E.E. (Purdue University); *Biomedical Engineering*
- Richard A. Bishel, Kensington; B.S.E.E.; *Electrical Engineering*
- Kwadwo Ampem Boakye-Dankwa, Agona-Ashanti, Ghana; B.Sc. (University of Science and Technology); *Agricultural Economics and Rural Sociology*
- Yehuda Bock, New York, N. Y.; B.A. (New York University); B.Sc. (Technion-Israel Institute of Technology); *Geodetic Science*
- George Franklin Boone, Jackson, Mich.; B.S. (Michigan Technological University); *Natural Resources*
- Essaid Bouktache, Boghni, Algeria; Engineer's Degree (Polytechnical School of Algiers); *Electrical Engineering*

- Gary Lee Brannick, Springfield; B.S.; *Mathematics*
- Kenneth Leo Brier, San Angelo, Tex.; B.S. Pharmacy (University of Michigan); M.A. (Central Michigan University); *Pharmacy*
- Gary Lee Brock, Defiance; B.S.; *Geology and Mineralogy*
- Francis M. Brockmeyer, Jr., Columbus; *Natural Resources*
- Mary Lou Brown, Canal Winchester; B.S. Ed.; *Environmental Biology*
- Gary D. Burton, Marion; *Physiological Optics*
- Robert Edwin Campbell, Eastford, Conn.; B.S. (University of Connecticut); *Animal Science*
- Keith E. Caryer, Marion; B.S. Pharmacy (Ohio Northern University); *Pharmacy*
- Benjamino Carlos Chambliss, Petersburg, Va.; B.S. (Virginia State University); *Environmental Biology*
- Feng-Chang Chang, Tainan, Taiwan, R.O.C.; B.S. (Tunghai University); *Industrial and Systems Engineering*
- Yi-Min Chen, Taipei, Taiwan, R.O.C.; B.D.S. (Taipei Medical College); *Dentistry*
- Hsueh-Heng Chiang, Taipei, Taiwan, R.O.C.; B.S. (National Cheng-Kung University); *Mechanical Engineering*
- Jongwen Chiou, Taipei, Taiwan, R.O.C.; B.S. (National Chiao Tung University); *Electrical Engineering*
- Rajiv Chugh, Nagpur, Maharashtra, India; B.E. (Birla Institute of Technology and Science); *Electrical Engineering*
- Deborah Louise Cole, Avon; B.S. Pharm.; *Pharmacy*
- Marwan Bashir Daabag-El Marghani, Tripoli, Libya; B.S. (University of Libya); *Food Science and Nutrition*
- Larry Joe Daniels, Shreve; B.S. Agr.; *Agricultural Education*
- John D. Daulton, Granville; B.S., *Natural Resources*
- Rocki-Lee DeWitt, Accord, N. Y.; B.S. (New York University); *Agricultural Economics and Rural Sociology*
- Karen Anne Distelzweig, Columbus; B.S. (Capital University); *Nursing*
- Gerald L. Dubach, Ashtabula; B.E. (Youngstown State University); *Computer and Information Science*
- Roger Laurier Dumas, Acushnet, Mass.; B.S. (Assumption College); M.S.; *Industrial and Systems Engineering*
- Mary Kay Caridis Fishinger, Columbus; B.S.M.E.; *Mechanical Engineering*
- Scott Evans Fitzgerald, Whitefish Bay, Wis.; B.A. (Lawrence University); *Biomedical Engineering*
- Thomas M. Foegle, Cincinnati; B.S. Agr.; *Food Science and Nutrition*
- Donald Ray Fogle, New Vienna; B.S.; *Animal Science*
- Daniel R. Freson, Huntingburg, Ind.; A.B., O.D. (Indiana University); *Physiological Optics*
- F. Theodore Freuler, Columbus; B.S. *Computer and Information Science*
- Charlotte Gaskill Frye; B.S.N. (University of Cincinnati); *Nursing*
- Barry K. Fussell, Canton; B.S.M.E.; *Mechanical Engineering*
- Robert D. Gaglianello, Boca Raton, Fla.; B.S. (Syracuse University); *Electrical Engineering*
- Alan Lee Gillen, Uniontown, Pa.; B.A. (Washington and Jefferson College); *Zoology*
- Ronald Adams Glover, Westerville; B.A., B.S.; *Natural Resources*
- Cheryl Gosse Goodman, Colby, Wis.; B.S. (University of Wisconsin at Madison); *Zoology*
- Judy A. Gougler, Kutztown, Pa.; B.S. (The Pennsylvania State University); *Botany*
- Joseph C. Graf, Youngstown; B.S.I.T. (Ohio University); M.P.A. (University of Oklahoma); *Civil Engineering*
- William Brent Green, Jr., Abilene, Tex.; B.S. (Abilene Christian University); *Genetics*
- Jody LaRaine Grenga, Youngstown; B.S.; *Zoology*
- Marvin L. Grieve, Jr., Medina; B.S.; *Civil Engineering*
- Richard Anderson Grover, Columbus; B.S. (University of Connecticut); *Pharmacy*
- Rahim Ghorbanzadeh Haghighi, Shiraz, Iran; B.S.; *Civil Engineering*
- Richard Ewan Halverstadt, Columbus; B.A. (Case Western Reserve University); M.S. (Kyung Hee University) *Mathematics*
- Reed Kenneth Harney, Columbus; B.S.; *Mathematics*
- Christena Marie Harvey, Bellefontaine; B.S.; *Geology and Mineralogy*
- Nicholas James Hennessy, Goshen, Ind.; B.S. (Muskingum College); *Zoology*
- Joseph Bernard Herten, Cleveland; B.S.; *Industrial and Systems Engineering*
- Marilyn J. Hicks, Columbus; B.S.; *Allied Medical Professions*
- Carolyn Sue Hixson, Chillicothe; B.S.; *Home Economics*
- David James Hogan, Indiana, Pa.; B.S. (Indiana University of Pennsylvania); *Computer and Information Science*
- Sharla Sue Holter, Columbus; B.S.H.E.; *Home Economics*
- Gregory Hooks, Columbus; B.A. (Kent State University); *Agricultural Economics and Rural Sociology*
- James T. Hoskison; B.A. (Southern California College); M.A.; *Computer and Information Science*
- Ting-Huei Hou, Taipei, Taiwan, R.O.C.; B.S.E. (National Cheng Kung University); *Civil Engineering*
- Jeffrey K. Hovis, Elmore; *Physiological Optics*
- Wen-Hang Hsiang, Taipei, Taiwan, R.O.C.; B.S. (University of California); *Mathematics*
- Jong Sen Hsu, Taipei, Taiwan, R.O.C.; B.S. (Fu-Jen Catholic University); M.S. (Miami University); *Electrical Engineering*
- Susan Lee Hubbell, Lima; A.B. (Miami University); M.D.; *Physical Medicine*
- William Dingleline Hueston, Harrisonburg, Va.; B.A. (University of Virginia); *Veterinary Preventive Medicine*
- Feng-Shih Hung, Taipei, Taiwan, R.O.C.; B.S. (National Cheng Kung University); *Engineering Mechanics*
- James Michael Hyson, Brooklyn, New York, N. Y.; B.S. (University of Pittsburgh); *Computer and Information Science*
- Iman Ayoub Ibrahim, Cairo, Egypt; B.C.E. (Cairo University); *Civil Engineering*
- Jamaledin Izadian, Meshed, Iran; B.S.E.E. (University of Kentucky); *Electrical Engineering*

- Daral J. Jackwood, Coatesville, Pa.; B.S. (University of Delaware); *Poultry Science*
- Gregory Lewis Jewett, Hilliard; B.A. (Otterbein College); *Industrial and Systems Engineering*
- Susie Jane Johnston, Felicity; B.S. *Animal Science*
- J. David Jones, Wooster; A.B. (Wilmington College); *Animal Science*
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- Linda Ann Karacloff, Guilderland, N. Y.; B.S. (Russell Sage College); *Allied Medical Professions*
- Stephen R. Kelso, Columbus; B.S.; *Physiology*
- Behzad Khosravi-Sichani, Ahwaz, Iran; B.S.; *Nuclear Engineering*
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- Bom Soon Lee; B.S. (Seoul National University); *Metallurgical Engineering*
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- Jennifer Lou Lewis, Columbus; B.S.; *Mathematics*
- Ronald Lee Lewis, Columbus; B.S.; *Industrial and Systems Engineering*
- Ing-Ing Lin, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); *Allied Medical Professions*
- Elena Diaz-Delgado Lopez, Madrid, Spain; Licenciata (Universidad Autonomad de Madrid) *Agricultural Economics and Rural Sociology*
- Gwendolyn C. Lueke, Miamisburg; B.S.Hec. (Ohio University); *Home Economics*
- Nancy Wright Lund, Worthington; B.S. (University of Michigan); B.S. (Eastern Michigan University); *Allied Medical Professions*
- Mostafa Madani, Tehran, Iran; B.Sc. (Tehran University); *Geodetic Science*
- Jose A. Maiz Aguinaga, San Sebastian; Licenciado en fisica (University of Navarra); *Electrical Engineering*
- John Joseph Maney, Beverly, Mass.; A.B. (Dartmouth College); *Electrical Engineering*
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- Mary Ellen McCarthy, West Springfield, Mass.; B.S. (University of New Hampshire); *Microbiology*
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- Edward T. Meyer, Middleburg Heights; B.S.E.E. (Ohio University); *Electrical Engineering*
- Janeal Mika, Garfield Heights; B.A. (Ohio Northern University); *Mathematics*
- David George Miller, Newark; B.S.; *Mathematics*
- Joe Russell Miller, Worthington; B.S. (United States Military Academy); M.A. (Webster College); *Civil Engineering*
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- Thomas Anthony Montagnese, Lorain; D.D.S.; *Dentistry*
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- Eric N. Parthemore, Kenton; B.S.; *Agricultural Economics and Rural Sociology*
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- Kyong Soo Yoo, Seoul, Korea; B.E. (Hanyang University); *Civil Engineering*
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- Louis Barnett, Jr., Philadelphia, Pa.; B.A. (Hampton Institute); *Social Work*
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- Margaret Sue Chernek, East Liberty; B.S.; *Social Work*
- Michelle Hanson Cooper, Tulsa, Okla.; B.S.Soc.Wel.; *Social Work*
- Mary Elizabeth Cowardin; B.A. (Ohio Dominican College); *Social Work*
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- Carol Potterton Davis; A.B. (Emory University); *Social Work*
- Barbara L. Dobie, Akron; B.S.W. (University of Akron); *Social Work*
- Deborah Ann Dowd, Greensboro, N.C.; B.A. (Guilford College); *Social Work*
- Cathleen Laurie Durkin, McHenry, Ill.; B.S.S.W. (Florida International University); *Social Work*
- Lynn A. Elliott; B.A. (Antioch College); M.S.S.W. (University of Cincinnati); *Social Work*
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- Gordon Michael Francisco, Loudonville; B.S.Soc.Wel.; *Social Work*
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- Deborah Ann Hurwitz, Southfield, Mich.; B.S.W. (Michigan State University); *Social Work*
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- Ann Marie Kunkler, Worthington; B.A. (Ursuline College); *Social Work*
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- Jerome S. Levin, Orlando, Fla.; B.S.Soc.Wel.; *Social Work*
- Ethel Singer Levy, Columbus; B.A. (Ohio Dominican College); *Social Work*
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- Marilyn K. Mackey, New Philadelphia; B.A.; *Social Work*
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- Michael Ward Mason; B.A. (American University); *Social Work*
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Julianne Mogavero, Logan; B.A. (Ohio University); *Social Work*

Charles S. Monroe, Springfield; B.S. (Ferris State College); B.A. (Cedarville College); *Social Work*

Sharon Denise Moore, St. Louis, Mo.; B.S.; *Social Work*

Robin Carol Morris, Ridgewood, N. J.; B.A. (Wittenberg University); M.A.; *Social Work*

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Karl Henry Mueller, Columbus; B.A.; *Social Work*

Dan Kevin Niles, Bucyrus; B.S.Soc.Wel.; *Social Work*

Wendy Ann Nobile, Morristown, N. J.; B.A. (Rutgers College); M.A.; *Social Work*

Gertrude Monica Nowak; A.B. (John Carroll University); *Social Work*

Lloyd L. Osborne, Jr., Columbus; B.S. (Urbana College); *Social Work*

Michael D. O'Sullivan, Columbus; B.A. (Indiana University of Pennsylvania); *Social Work*

William F. Phillips, Columbus; B.S.Soc.Wel.; *Social Work*

Sandra Yvonne Pope, Charleston, W. Va.; B.S.W. (West Virginia State College); *Social Work*

Lauree Raica, Westerville; B.S.; *Social Work*

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Rhonda Elaine Reagh, Mt. Vernon; B.A.; *Social Work*

Brenda Kay Richardson, Madison, N.C.; B.A.; *Social Work*

Marianne Robbins, Havertown, Pa.; B.A. (Gettysburg College); *Social Work*

Denise J. Robinson, Cincinnati; B.S.; *Social Work*

Deborah Rothstein, Fair Haven, N.J.; B.A. (Newark State College); *Social Work*

William P. Ryan, Jr., Cincinnati; B.A.; *Social Work*

Marianne Sachs, Cincinnati; B.A. (University of Cincinnati); *Social Work*

Linda A. Saridakis, Cleveland; B.A. (Cleveland State University); *Social Work*

Warriet Savage, III, Columbus; B.S.Soc.Wel.; *Social Work*

Gary Michael Schaeufele, Akron; B.A. (University of Akron); *Social Work*

Bobbie Ruth C. Schrider, Cincinnati; B.A. (University of Cincinnati); *Social Work*

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Mark R. Sellers, Springfield; B.S. (Miami University); *Social Work*

Patricia E. Silagy-Wesson, Canton; B.A. (Kent State University); *Social Work*

Marcy Faye Silver; B.S. (Ohio University); *Social Work*

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Mary Louise Snider, Lima; B.S.S.W.; *Social Work*

Lester E. Spratley, Newport News, Va.; B.A. (Dartmouth College); M.A.; *Social Work*

Yvonne E. Stepter, Shreveport, La.; B.A. (Wright State University); *Social Work*

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Hazelan Sheehan, Reynoldsburg
Matthew Graham Smith, Lorain
Melissa Marshall Smith, Columbus
Susan D. Taaffe, Columbus
Jeffrey Gerard Turner, Columbus
Mark Andrew Tye, Cleveland
Lens Ann Warrick, Columbus
Linda Susan Weiner, Cherry Hill, N. J.
Dreama Faye Williams, Columbus

Bachelor of Music

Alison Kaye Clark, Columbus
Louis Thomas Gintner, Cleveland
Laura Marie Hewitt, Cincinnati
David John Marschall, Westerville

Scott Phillip Michal, Columbus
Linda Hofstetter Nolan, Worthington
Anne Papai, Columbus
A. Joseph Pasquarello, Columbus
Byron Wenrick Puderbaugh, Columbus
Julie Ellen Snider, Columbus
Steven Eric Sonntag, Ft. Jennings
David Lancaster Tolley, Worthington
Julie Loren Wells, Vienna, W. Va.

Bachelor of Art Education¹

Joan Marcy Adelstein, Levittown, Pa.
Janet June Betz, Bexley
Yolanda Masdea Brunetto, Columbus
Ida Jean Brunty, Columbus
Kevin Michael Chapman, Bryan
Cynthia Diana Hout Hornikel, Mansfield
Georgia Patricia Washburn Johnson,
Galloway
Linda Gail Krouse, San Diego, Calif.
John Gibson Lynch, Columbus
Mary Therese Persi, Columbus
Susan Lynn Portz, Maitland, Fla.
Joyce Ann Saliba, Caldwell
Karen Sue Waidner, Columbus
Linda Susan Weiner, Cherry Hill, N.J.

Bachelor of Music Education¹

Teresa Vos Avci, Dane, Wis.
Janet Louise Azallion, St. Clairville
Raymond Thomas Bock, Cambridge
Christine Beth Braumbaugh, Hoytville
William Joseph Crofts, III, Cleveland, Tenn.
Jan Z. Duga, Bexley
Karen Diana Dunn, Bronx, N. Y.
Kathleen Elizabeth Durig, Dayton
Mark Christopher Ely, Columbus
Thomas Lee Gall, B.M., Columbus
Bruce Carl Gilmore, Canton
Louis Thomas Gintner, Cleveland
Daniel Wesley Gordon, Delaware
Brian Rock Griebel, Bay Village
Jeffrey Lewis Groff, Columbus
Kathleen Hard, Columbus
Timothy Jay Jameson, Zanesville
John Andrew Kitchens, Marietta
Paul Robert Laird, Bridgewater, N. J.
Richard Bradley Lehman, Kettering
Donna Lynn Leistner, Columbus
Leslie Jean Loomis, Columbus
James Edward Morgan, Whitehouse
Thomas Joseph O'Shaughnessy,
Sheffield Lake
Douglas Richard Parrott, Englewood
Tari Lynn Quincey, Hamilton
John Robert Roth, Kingsport, Tenn.
Lisa Elaine Sanders, Toronto
Jeffrey Lynn Smalley, Columbus
Stephen Barrett Stought, Pickerington
Rita L. Stumpf, Westerville
Patricia Anne Stumphauser, Avon
Jane Elizabeth Ward, Woodstock
Edward D. Williams, Lancaster
Sandra Diane Wyrick, North Olmsted
Joseph M. Zerucha, Columbus

Bachelor of Science in Audio Recording

John David Chovan, North Olmsted

Bachelor of Science in Industrial Design

Anne Marie Baker, Sylvania
John Michael Belovsky, Columbus
Jane Leigh Biehl, Parma Heights
Christine Dee Bloomfield, Westerville
Barbara Lynn Born, Columbus
Marla Kay Brown, Fredericktown
Nancy Lynn Brown, Columbus
David Alexander Brundrett, Troy
Thomas Richard Byrnes, Villanova, Pa.
Cynthia Michelle Byrns, Dublin
Donna Gail Byrom, Niles
Brendan Ross Cuddiehe, Columbus
Dennison Kris Dimit, Marietta
Susan Kay Ehrman, New Washington
Joseph Galate, Kansas City, Mo.
Sheri Lynn Gammon,
South Palm Beach, Fla.
Scott Eugene Grafmiller, Columbus
Mark William Groves, Canal Winchester
Kimberly Ann Handsue, Pittsburgh, Pa.
Courtney Keith Hayes, Jefferson
Gina Marie Huff, Columbus
Michael Scott Kerth, Vandalia
Daniel Lee Kidwell, Ann Arbor, Mich.
Kathryn Mary Lorenz, Birmingham, Mich.
Famela Anne Marotte, Columbus
Vickie S. Marsh, Columbus
Robert Johnstone McCutcheon,
Braddock Heights, Md.
Melissa Jane Metcalf, Columbus
Fredrick John Miller, Miamisburg
Lance William Morris, Cleveland
Susan Diane Myers, North Olmsted
Ruth Amy Needham, Columbus
Mark Steven Porro, Columbus
Kevin James Reeder, Columbus
Sally Louise Schively, Lima
Elaine Marian Stevens, Worthington
Michael David Stewart, Houston, Tex.
Karen Jill Stone, Brecksville
Jay Rory Thompson, Youngstown
Kathleen Sue Varn, Canton
Janet Zimmerman, Springhouse, Pa.

College of Biological Sciences

Dean: Patrick R. Dugan

Bachelor of Arts

Jefferson Mark Burroughs, Batavia
Miles Brent Dearth, Warren
Bharathi Jayanthi, Toledo
John Thomas Loper, Cincinnati
Michael W. McCreary, Columbus
Rebecca Flowers Raby, Columbus
John A. Ritchie, Warren
William Richard Schafer, Columbus
Stephen Scott Snedden, Sandusky

¹ Offered jointly by the College of the Arts and the College of Education

Cathleen Jo Terhune, Dayton
Chris Paul Williams, Columbus
Ruth Rifka Winter, Columbus
Barbara Jean Wurth, Columbus Grove

Bachelor of Science

Teri Ellen Adelman, Park Forest, Ill.
Hursel Lee Adkins, Jr., Paulding
Keith James Alexander, Pemberville
Russell Craig Bales, Bellefontaine
Benjamin Edward Ball, Bellevue
Gregory John Beck, Maineville
Laralee Marie Becker, Akron
Marlene A. Bednar, Boardman
Bryan Edward Beggin, Lima
Stephen James Belli, Jr., Campbell
John Bentel Bennet, Jr., Cincinnati
Michael John Black, Grove City
Regina Lee Black, Ashville
Mark Dean Bobulski, Columbus
Harold Peter Bogner, Jr., Columbus
Robert Terence Bonace, Mansfield
James Brian Brawley, Huron
Victoria Ann Briggs, Worthington
Joyce J. Brim, Findlay
Michael John Brooker, Cincinnati
L. Michael Bull, Worthington
Leora Ellen Burdge, Germantown
Ann Kimberly Burkhalter, Centerville
Wendy Jo Burley-McCurdy, Cuyahoga Falls
Floyd Eric Bush, Mt. Gilead
Christina R. Cardaci, Columbus
Douglas Alan Cardwell, Uniontown
Dean Alan Carmichael, Parma
Leslie G. Carr, Dayton
Mary Colleen Cashman, Columbus
Gregory Colangelo, Mansfield
Keith Alan Cooper, Fairborn
George Sarkis Coury, Canton
Robert Paul Cox, Brooklyn
Paul William Craven, Dayton
Charles P. Daily, Columbus
Sherry Lynne Davidson, Louisville, Ky.
Lisa Mae Deems, Mansfield
Robert A. Dickhaut, Columbus
Antonio Mario DiSante, Columbus
Charles L. Dolin, Fair Lawn, N. J.
David Michael Drees, Columbus
Gay Elizabeth Early, Ostrander
Eugene Joseph Enzweiler, Southgate, Ky.
Karin S. Fester, Columbus
Jeanne Carol Fiorito, Hudson
James William Fletcher, Columbus
Joel L. Flora, Brookville
Howard Alan Friedman, Beachwood
Susan Kay Friedman, Batavia
Edward Stanley Gensicki,
New Haven, Conn.
Thomas Leonard Geraci, Pepper Pike
Brian Marshall Gibson, Cincinnati
Jennifer Sue Grace, North Olmsted
David Arthur Greenberg, Columbus
Patricia Lynn Guard, Columbus
John LeRoy Hadden, Manahawkin, N. J.
Margaret Isobel Hazlett, Columbus
Michael Scott Helman, Columbus
Rossalind Follett Holland, Columbus
Michael Paul Holloway, Willowick
Cynthia Ann Holtzapfel, Ironton
Patricia Ann Hooker, Cincinnati
Craig A. Householder, Louisville
Valerie Ann Ims, Cincinnati
Daniel Jaskowiak, Columbus
Bradley Keith Jeren, Youngstown
Henry Christopher Jeu, Centerville
Cynthia Ann Jones, Mansfield

Robin Elizabeth Jones, Dover
Thomas Crawford Jones, Jackson
Pamela Remley Katko, Columbus
David Joseph Kaufman, Clyde
George William Keller, Columbiana
Matthew John Kelly, Dayton
Frederick Dale Kinsey, Columbus
Richard Michael Klein, Highland Heights
Richard T. Knox, Raynham, Mass.
Sally Kobee-Ludwig, Columbus
Ruth Anne Koutras, Canton
Orest Bohdan Kowalsky, Lake George, N. Y.
Robert Paul Krauss, Saginaw, Mich.
Joseph James Larkin, Jr., Amlin
Pamela Kay Lee, Mansfield
Kaye Ann Linke, Genoa
Sabha E. Ma'Ani, Columbus
David Francis Machnicki, Columbus
Winward Lee MacKewitz, McKeesport, Pa.
David Mandalinich, Parma
George Michael Martin, Columbus
Margaret Ann Masterson, New Lexington
John Raymond Maxwell, Lakewood
Mary Katharine McCormick, Cincinnati
Derrick Durand McElroy, Dayton
John William McEwen, Columbus
Lee McHenry, Cincinnati
James V. McKinnell, Columbus
Debra Lee Mikulski, Sandusky
David Keller Miller, Jr., Lancaster
Raymond J. Miller, Lima
Michael Mark Milner, Lorain
Irene Renee Mirkin, Youngstown
John Timothy Moor, Westerville
Amanda Janice Muench, Miamisburg
Stephen R. Murphy, Cincinnati
Douglas A. Myers, Columbus
Barbara Jeanne Nelson, Worthington
Molly Jane Norris, Grove City
Rex Alan Olson, Ashland
Irene Dace Osis, Bexley
Thomas Gerard Overmeyer, Defiance
Jeffrey L. Paige, Mentor
Stephen William Parker, Delaware
Scott Ellis Patterson, Dover
John Paulian, Gahanna
Mark Julius Pellegrino, Canton
Katherine Jane Perry, Elyria
Mark Alan Pluto, Columbus
Ina Pogos, Columbus
David Charles Puleo, Carnegie, Pa.
Leone Michael Pullella, Mayfield Heights
Timothy William Rhoads, Utica
Gary Michael Richard, Columbus
Sarah Jean Rockey, Chagrin Falls
Roberta Michelle Rose, South Euclid
Scott Leslie Rose, South Euclid
Edward James Rotmensch, Cincinnati
Bradley E. Rudolph, Alliance
Gregory Lewis Rupright, Sidney
Gregory L. Salzman, Columbus
Eduardo R. Santiago,
Guaynabo, Puerto Rico
Scott Allen Schaefer, Euclid
Jerome Thomas Schlachter, Toledo
Cindy Lynn Schoonover, Mason
James Richard Schwamburger, Portsmouth
Lawrence Edward Schwartz, Trotwood
Donna Jean Sexton, Maple Heights
Jo Ann Shafer, Mansfield
Jeffrey Fain Shall, Toledo
Thomas Michael Shedan, II,
Parkersburg, W. Va.
Samuel Eugene Smiley, Poland
Lawrence William Smith, Columbus
William A. Snyder, Jr., Cairo, W. Va.
Wendy Gale Sowder, Mason
Paul Barrington Spalding, North Miami
Beach, Fla.

Linda Carol Starr, Dayton
Yolanda Stonom, Cincinnati
John Maron Thomas, Warren
José Antonio Torres,
San Lorenzo, Puerto Rico
Julius V. Toth, Northwood
Bruce Edward Treiber, Canton
Scott Bruce Tribuzi, Copley
Michael Shane Turner, Wintersville
Shawn Paul Van Hove, Rayland
Bryanne Van Putten, Centerport, N. Y.
Ronald J. Vela, Westlake
David Howard Verzella, Wellsville
Richard Lawrence Wallace, Worthington
Kirk Gibson Warner, Greenville
James Douglas Warren, Clayton, Mo.
Charles Edward Werner, Jr., Chillicothe
Gregory Mel Wieland, Columbus
Michael Brian Williams, Toledo
Valerie Jean Williams, Farmersville
Randy Eugene Wilson, Newark
Randy Eugene Winks, Chillicothe
Douglas Paul Winslow, Westlake
Martin J. Woebkenberg, Lebanon
Douglas Byron Woodmansee, New Vienna
John Dwight Wyrick, Columbus
Robert William Yost, Clayton
Meredith Elaine Young, Medina
Thomas William Zulliger, Lima

College of Humanities

Dean: Diether H. Haenicke

Bachelor of Arts

Geoff Abbate, Columbus
Gary A. Ahlstrom, Alliance
Lisa Ann Antolino, Columbus
Andrea Michelle Attaway, Dayton
David Alan Axelrod, Columbus
Sherron C. Bailey, New Albany
Sandra L. Boney, Grove City
John Lewis Bays, Columbus
Rosemary Ann Beck, Perrysville
Dorothy Fegley Benke, Worthington
Julie Blum, Dayton
Barbara H. Boring, Worthington
Mark Charles Brookes, East Liverpool
Thomas Joseph Burns, Westminster, Colo.
Don Eugene Burton, Columbus
Betty Huyen Buu, Columbus
Lynn Kay Carnes, Rapid City, S. D.
Charla K. Chalfant, Columbus
Michael Paul Clark, Pataskala
Sandra Beth Cohen, Dallas, Tex.
Kevin Robert Coleman, Lyndhurst
Kevin James Contos, Columbus
Patricia Regina Coolman, Wadsworth
Troy Lynn Coon, Columbus
Kim Joseph Davies, Columbus
Timothy James Dawe, Lima
Nancy Jane Decker, Troy
Stephanie J. DiPietro, Louisville
Jeffrey Morris Drummond, Groveport
Donna Lee Dunsworth, Maple Heights
Timothy Gerald Elliffritt, Columbus
Bonnie Jean Ellis, Delaware
Linda Joyce Ely, Gahanna
Wendy Ellen Fisher, Columbus
Michael L. Fitzpatrick, Columbus

Michael Robert Flam, Spring Valley, N. Y.
 Richard E. Flory, Troy
 Lorraine Vivienne Forte, Columbus
 Kelly Freeman Foster, W. Palm Beach, Fla.
 Michael Ray Freeman, Marion
 Karen Elizabeth Gates, Columbus
 Michael Gfoeller, Fremont
 Deborah Ann Giesman, Columbus
 Carol Louise Gilkey, Toledo
 Kyle Richard Gilliland, Wellston
 Sheila Ann Glover, Newark
 Charlotte Merriman Hamilton, Columbus
 Linda Kay Hange, Lucas
 Judith Lynne Hennessy, Columbus
 Rachel Conrad Hertzman, Louisville, Ky.
 Steven Douglas Hinkle, Centerville
 Ralph Charles Hopkins, Pickerington
 Kathryn Marie Jakubisin, Euclid
 Nancy Mariett Jimison, Granville
 Richard McClelland Jones, Columbus
 Vickie J. Jones, Upper Sandusky
 Jeffrey Michael Kompier, Adena
 Denise DesGrossilliers Lacki,
 Chateaugay, N. Y.
 Michael Richard Laman, Akron
 Jennifer Ann Lantz, Granville
 Susan Christine Lenz, Slippery Rock, Pa.
 Denio Angelo Leone, Youngstown
 Suzanne M. L'Esperance, Columbus
 Teresa Whitenack Lewis, Columbus
 Edward E. Lightle, Washington C. H.
 Robert Bogdan Liss, Upper Arlington
 Terry L. Lones, Kenton
 Marilyn Zeldman Long, Columbus
 Lauren Lubow, Columbus
 Scott Mitchell Mandel, Columbus
 Stephanie D. Marshall, Columbus
 Clorinda Jean Matro, Kettering
 Louise Renee McAfee, Columbus
 Sandra Jeanne McCoy, Lancaster
 Rosemary Anne McMasters, Columbus
 Jacqueline Meszaros, Perth Amboy, N. J.
 Janice Marie Meyer, Springfield
 Scott Edward Miner, Chardon
 Melissa Johnston Molnar, Columbus
 Michelle Elizabeth Neill, Columbus
 Larry Jefferson Nelle, Columbus
 Jeanne Nugent, Rocky River
 Andrew Mark Oblak, Highland Heights
 Timothy Mahlon Offenberger, Malvern
 Kathleen Margaret O'Leary, Cleveland
 James David Pawlik, Middleburg Heights
 Cathy Thomas Peebles, Columbus
 Patricia Louise Phillips, North Canton
 Amy Ruth Piel, Maumee
 Philip Piemonte, Newark
 Suzanne Greye Pitcairn, Columbus
 Nelson E. Pletzer, Columbus
 Melanie Hope Pokorski, Madison
 Jack Douglas Pursley, Newark
 David Nicholas Rapp, Columbus
 Jeffrey Lee Reed, Lima
 Suzanne Elizabeth Ress, Columbus
 Karen Rosneck, Columbus
 Elizabeth Jo Ross, Elyria
 David William Russ, Cleveland Heights
 Thomas Michael Sabol, Mingo Junction
 Jay Martin Sadler, Columbus
 David Irwin Schiff, Yellow Springs
 Stuart Sheldon Schlottbeck,
 South Charleston
 Richard Kenneth Schwartz, Youngstown

Angela M. Scott, Marion
 Carol Joanne Senek, Warren
 James Harry Shaull, Tiffin
 Susan Marie Sheller, West Jefferson
 Jill Ann Sherman, Columbus
 Julie Ann Shuptrine, Columbus
 Terrance Terrell Smith, Dayton
 John Robert Spring, Great Falls, Va.
 Samuel Robert Starr, Columbus
 Rodney Lynn Stephan, Columbus
 Theresa J. Taylor, Kingston
 Paul Michael Thomas, Columbus
 Rebecca C. Tittel, Columbus
 Thomas Fitzgerald VanHorne, Columbus
 Irene Janet Volodkevich, Medina
 Scott William Wagner, Granville
 Ellen Marie Walsh, Pittsburgh, Pa.
 Jane Frances Walsh, Pittsburgh, Pa.
 Kim Louise Weber, Marion
 Melissa Ann Welch, Worthington
 Virginia Nelle Winchester, Columbus
 Robert John Winston, Mansfield
 Michelle Marie Witchey, Shelby
 Connie Louise Wolcott, Columbus
 Karl Fredrick Zahn, Mansfield

David Gerald Hale, Strongsville
 Paul Douglas Hampton, Newark
 Thomas More Kallman, Wadsworth
 Scott Gerard Kinnear, Hull, Mass.
 Gene F. Knapke, Minster
 James George Kotsanos, Columbus
 Ray P. Ladrick, Columbus
 Cathy A. Landon, Upper Arlington
 R. David Langhorst, Huntsville
 Carol Suzanne Lydic, Akron
 Michael Dean McGinnis, Middle Point
 Corinne Idell Miller, Mentor
 Susan Margaret Miller, Waterford
 James Kevin Mitchell, Loveland
 Steven Victor Moody, Newark
 Lisa Anne Ramey, Marion
 Kevin J. Reardon, Fremont
 Timothy Edward Reineck, Fremont
 Cynthia A. Richardson, Maple Heights
 Kevin Gale Richardson, Baltic
 Cynthia J. Romanowski, Lakewood
 Michael Aaron Rosen, Alliance
 Mark Rosenstein, South Euclid
 David John Rowan, Parma
 Larry Salazar, Valencia, Venezuela
 Dana Karl Schirtzinger, Columbus
 Paul William Schuh, Newark
 John Franklin Scott, Westerville
 Eric A. Shives, Orient
 Christopher Alan Slapak, Parma
 Dean August Smith, Wadsworth
 George H. Spies, Dover
 William M. Sullivan, Ocean Springs, Miss.
 Barbara Isabella Taylor, Columbus
 Robert Joseph Taylor, Shelby
 Mary Lee Tisdell, Cleveland
 Warren G. Uxley, Jr., Gallion
 Joseph Richard Vonarx, Jr., Columbus
 Keren Lynn Wales, Poland
 Donald Lee White, Enon
 Willis Eugene Wilcoxon, Jr., Columbus
 Paul Charles Wood, Columbus
 Robert Edward Zelle, Columbus

College of Mathematical and Physical Sciences

Dean: Colin B. B. Bull

Bachelor of Arts

Richard William Howell, Newark
 Kevin Patrick Korterud, Reynoldsburg
 Jay Kevin Morgan, Columbus
 Pamela Marie Pozderac, Garfield Heights
 Mary A. Siders, Euclid
 Thomas Gerald Tarter, Jr., Thornville
 Gary Christopher Thompson,
 Springfield, Va.
 Jill Ann Williams, Dayton

Bachelor of Science

Robert Benjamin Akins, Chagrin Falls
 Richard Blaine Alley, Worthington
 Douglas B. Barnett, Berea
 Gerald Carl Berntsen, Columbus
 Peter William Bickel, Columbus
 James Lawrence Bighouse, Columbus
 John Michael Boyer, Prospect
 Mark Bushek, Worthington
 Nancy Ellen Childress, Columbus
 Kristina Anna Cholic, Cleveland
 Jeffrey Dale Christman, Columbus
 Matthew John Desch, Dayton
 Michael John Dickman, Coldwater
 Leslie Karen Dowell, Whitesboro, N. Y.
 Betsy J. Dransfield, Portsmouth
 Mary Dylewski, Wintersville
 Susan Lynne Einsel, Dover, N. J.
 Eric Charles Flint, West Unity
 James Alan Francisco, Columbus
 Julie Ann Gay, Zanesville
 Lynn Cheryl Geiger, Cincinnati
 Elizabeth Joy Goldrich, Cleveland

College of Social and Behavioral Sciences

Dean: S. Earl Brown

Bachelor of Arts

Jay Kyler Achenbach, Toledo
 Shelley Marcia Ackerman, Beachwood
 Lois Ann Aerni, Findlay
 Helena Sue Agriesti, Columbus
 Laura R. Allison, Columbus
 Daniel Mark Ames, Grove City
 Stacy Lyn Anderson, Columbus
 Amy Lin Arendall, Indianapolis, Ind.
 Patricia Ann Arthur, Columbus
 Mary Louise Ask, Columbus
 Bennett David Aster, South Euclid
 Gary S. Axelband, Beachwood
 Louis Azman, Cleveland
 Sharon Ann Back, Mt. Orab
 Beverly Carol Bader, Troy
 Sharon Renay Baker, Mansfield
 Robert A. Barach, Hammondsville

Phyllis Lynn Barrett, Columbus
 Carol Marie Bartell, Rocky River
 Anna Lynn Bates, Columbus
 Herbert A. Beamer, Alliance
 Scott L. Beatty, Canton
 Marcia Ann Beauchene, Oswego, N. Y.
 Eleanor Elizabeth Beavers, Cincinnati
 Kimberly René Beem, Pataskala
 Timothy Allen Bell, Fairless Hills, Pa.
 Nathan Edward Bender, East Sparta
 Tod L. Benedict, Westerville
 Lorri Louise Besst, Rocky River
 James William Bethel, Steubenville
 Barbara Leslie Bimber, Cincinnati
 David Michael Blubaugh, Mt. Vernon
 Elizabeth Suzan Bodnyk, Worthington
 Judith Elizabeth Bole, Dayton
 Terri Ellen Borkan, Cleveland
 Kathy L. Bowman, Dayton
 Tammy Arlene Bradford, Springfield
 Karin Alane Brandel, Coshocton
 Douglas Kenton Brandt, Columbus
 Margaret Louise Braun, Coldwater
 Marion Ann Brauner, Columbus
 Mary Beth Brennan, Columbus
 John Philip Bricker, Galloway
 Barry F. Brickley, Mansfield
 Deborah Lynn Bridges, Chagrin Falls
 Lynne Robin Brody, Canton
 Jeanna Lee Brooks, Ashland
 Nancy Jean Brothers, Columbus
 Harold L. Brown, Marion
 Jennifer Paige Brown, Oxford
 Robert Glenn Brown, Dayton
 Bonnie Irene Oatman Budd, Columbus
 Timothy Scott Burke, Wapakoneta
 Mark William Burnett, Columbus
 Thomas Robert Caldwell,
 Middleburg Heights
 Vivian M. Callendar, East Elmhurst, N. Y.
 Kathryn Anne Cardaci, Columbus
 Fred Michael Carque, Brunswick
 Kari Ann Carr, Columbus
 Nicholas George Cenci, Columbus
 Karen Saas Chambers, Columbus
 Donald Wesley Colby, Columbus
 Robert E. Collier, Columbus
 Yolanda Leslie Comedy, Columbus
 Margaret Ann Conny, Alliance
 Patrick Murray Conry, Galion
 Greg Cooper, Columbus
 James E. Cross, Columbus
 Patricia Marie Cullinan, Columbus
 William Steven Cumbow, Columbus
 Jerry Michael Cyncynatus, Shaker Heights
 Elizabeth Colleen Dailey, North Olmsted
 Kendra Jayne Dale, Columbus
 Carole Ann Davidson, Fairfax, Va.
 Deborah Kay Davis, Bryan
 Letitia Kincaid Davis, Columbus
 Joan DeMartin, Steubenville
 Elizabeth Anne Denner, Kettering
 John Phillip Deutsch, Columbus
 Joseph Gino Diacenza, Maple Heights
 Vickie Lynn Doty, Blue Rock
 Sally Dowds, Shelby
 Kathy A. Drumm-Buss, Delaware
 Julie Margaret Dudzick, Acton, Mass.
 Gloria E. Durante, Columbus
 Robin Echols, Chardon
 Stephanie René Echols, Columbus
 Hala Mounir El-Oraby, Mansfield
 Sheryl Ann Evans, Gallipolis
 Jeanne A. Everly, Columbus
 Melissa Ida Fascetti, Hamilton
 Judith K. Federbush, Dayton
 Michael Vincent Ferraro, II, Kettering
 Denise L. Fields, Columbus
 Susan Louise Finger, Aurora
 James Robert Fink, Centerville
 Kelly Christine Flaherty, Columbus
 Brian Daniel Flanagan, Columbus
 Lawrence P. French, Columbus
 Mark Joseph Frondorf, Cincinnati
 James Richard Fuller, Brighton, Mich.
 Kim Antonette Fulston, Pataskala
 Beatriz Garcia, Warren
 David L. Garner, Rocky City
 Kurt Obal Gearhiser, Marion
 Sandra Lynn George, Columbus
 Kathy Ellen Germann, Napoleon
 Mary Beth Gerrard, Mayfield Heights
 Karl H. Gersbach, Gahanna
 Marcia Ellen Gessiness, Cincinnati
 Michael Allen Giar, Wellington
 Cherene Gillette, Berea
 Susan Marie Glasbrenner, East Islip, N. Y.
 Gary Richard Glowacki, North Bloomfield
 Blayne Michele Goldberg, Cincinnati
 Stephen Mark Golden, Chillicothe
 Dawn Marie Gonzales, Lakewood
 Michele Ileen Goodman, Cleveland Heights
 Lester Gordon, New Rochelle, N. Y.
 Richard Walter Gordon, Akron
 Neal L. Grafton, Ashland
 Samuel Lee Grant, Cincinnati
 Melinda Sue Gray, Cleveland
 Stephen Bradley Gray, Wilmington
 Robert John Green, Jr., Columbus
 Kelly J. Greene, Columbus
 Jon Joseph Greissing, Akron
 Joi Lynn Grier, Columbus
 Mark W. Gromofsky, Youngstown
 George J. Gulu, Campbell
 Andrew Steven Haeuptle, Milan
 Sonja Maria Haller, Powell
 Pamela Lynne Hanor, Cincinnati
 Jeffrey R. Harpster, Ashland
 Gayle Annette Harris, Springfield
 Lynn Harris, Cincinnati
 Cecilia Marie Hartke, Cleveland Heights
 Maryanne Hester, Columbus
 Marvin Reed Hines, Jr., Columbus
 Rudy Paul Hitzemann, Worthington
 Cynthia Jenine Hoelscher, Columbus
 Scott E. Holderle, Columbus
 Joseph J. Honton, Columbus
 Steven Lawrence Howard, Columbus
 Mary Ann Hrabley, Worthington
 Jeffrey Thomas Huff, Worthington
 Stuart Wallace Huffman, Jr., Jacksontown
 Jeffrey L. Huntley, Columbus
 Carol Ann Ignaut, Westlake
 Todd Darrow Irby, Youngstown
 Zena Christel Jackson, Endicott, N. Y.
 William C. Jaco, Toledo
 Melissa A. Jaffe, Dayton
 Susan Jeanne Janosko, Lexington
 Ronald Matthew Jasinski, Manville, N. J.
 Christine Ann Johnson, Urbana
 Dusty Johnson, Upper Sandusky
 Shirley Jean Johnson, Columbus
 Valerie Davina Johnson, Mt. Vernon, N. Y.
 Susan Manley Jolly, Columbus
 Gary Eugene Jones, Bellefontaine
 Steve William Jones, Toronto, Canada
 Mary Jean Kalis, Elyria
 Akira Kan, Tsuruoka, Japan
 Susan J. Kaplan, Cincinnati
 Richard Raymond Karn, Bexley
 Cynthia Holmes Kendall, Cincinnati
 Carolyn Mary Kennedy, Bexley
 Robert Oliver Eugene Keyes, Columbus
 Crystal Ann Killbarger, Carroll
 Glen Jeff Kindness, Hamilton
 Thomas Neal King, Columbus
 Susan Lynn Kirchner, Aurora
 Donna L. Kirkham, Columbus
 Ingrid D. Klawas, Springfield
 Pamela Sue Klug, Bridgeport
 Hilary Alice Knapp, Dayton
 Jayne Ann Knost, New Bremen
 Cynthia G. Kosovich, Lorain
 Mary Elizabeth Kovacs, Fairview Park
 Kimberlee Jean Krueger, Rocky River
 Eric Lyonel Lafferty, Peebles
 Gail Ann Lakin, Dayton
 Lawrence James Larsen, Jr.,
 Randolph, N. J.
 Bryan C. Lee, Trenton, N.J.
 Peter Martin Lehman, Strongsville
 Beverly Kaye Lehr, Wilmington
 William R. Leibbrand, Gahanna
 Jeffrey Alan Lenart, Columbus
 Nicki Lynne Lieberman, Akron
 Mary Kathryn Liebold, Toledo
 Lawrence Paul Lindisch, Columbus
 Mary Jo Lindsay, Lakewood
 Amelia Luce, Worthington
 Diane Luteran, Garfield Heights
 Megan Marie Manahan, Toledo
 John M. Manos, Seville
 April Massey, Springfield
 Gordon Robert Massey, Columbus
 Kathleen Marie McCann, Strongsville
 Stephanie Lynn McCollister, Zanesville
 Rochelle Ann McCracken, Dayton
 Diane R. McCurdy, Delaware
 Jennifer Joan McDonald, Columbus
 Rita McGowan, North Ridgeville
 Michael Dean McLaughlin, Fairborn
 Sally Elizabeth McLaughlin, Columbus
 Omia Nadine Meehan, Columbus
 Diane Marie Messner, Bexley
 James Shane Metcalf, Toronto
 Laura Lee Metzger, Maumee
 George S. Mikulanicz, Florence, Ky.
 Michael N. Miller, Miamiville
 Sandra Jean Miller, Mark Center
 Sharon Louise Miller, Cincinnati
 William Edward Miller, Middletown
 Kenneth Alan Mochniak, Columbus
 Amy Jo Mohr, Shreve
 Mary Catherine Mohr, Portsmouth
 Daniel Patrick Molnar, North Canton
 Peter Moon, Lorain
 Andrea Gleaves Moore, Columbus
 James Alan Moore, Hilliard
 Betty Johnson Morris, Columbus
 Alan Gordon Thomas Morse, Worthington
 Mark Alan Mossing, Napoleon
 David D. Mouery, Newton Falls
 Robyn Muskat, New York, N. Y.
 Christine Frances Nader, Columbus
 William J. Nagel, Columbus
 Brian Douglas Nardone, Columbus
 Thomas Michael Nassief, Ashtabula
 Barry Allen Nateman, Columbus
 Laurie Lynne Nattkemper, Columbus
 Nancy Helen Nickerson, Shaker Heights
 David Milton Northcutt, Dayton
 Deborah Annette Nurse, Columbus
 Eric Peter Nystrom, Mentor
 Neil Alan Obionsky, Beachwood
 Jeanette Allison Olsen, Ashtabula
 Karen Marie Onifer, Warrensville Heights
 D. William Orr, Columbus
 Karen Owens, Columbus
 Frances Eugenia Page, Columbus
 Kathleen Marie Page, Moreland Hills

Sundy Palioyras, Cincinnati
 Jill Kathleen Parker, Dayton
 Kathleen Anne Parmenter, Lima
 Patrick J. Pascarella, Youngstown
 Barbara Jo Paul, Columbus
 Janice Marie Paulus, Houston
 Joseph Paul Payne, Columbus
 Candace Melissa Pennington, Cincinnati
 Timothy A. Perdue, Columbus
 Sophia Eleni Perialas, Pickerington
 Dean Arthur Phrrman, Cincinnati
 Rebecca Ann Phillips, Cincinnati
 Jeffrey Leigh Posey, Zanesville
 James Edward Powell, Brecksville
 Lowell Bryan Price, Grove City
 Christine Elizabeth Pustay, Wadsworth
 Douglas Jeffrey Rabkin, Dayton
 Philip Francis Rack, Columbus
 Marc L. Ragan, Westerville
 Teresa Lynn Rambarger, Cardington
 Denise Sue Randall, Toledo
 Marilyn Gibson Ratcliff, Columbus
 Nancy Annette Rausch, Marysville
 Steven Dean Rawlins, Mt. Sterling
 Karen Kay Ray, Columbus
 Martha Louise Reber, Upper Sandusky
 Anne Kathleen Reddington, Dayton
 Charleen Marie Reymann, Tiffin
 Thomas H. Rhine, Columbus
 Linda Marie Rieser, Dayton
 Kathleen Marie Roch, Youngstown
 Richard David Ronk, Mansfield
 Shannon Eileen Rooney, Columbus
 Karen Sue Rose, Ashland
 Gary Howard Ross, Columbus
 Karen S. Royer, Akron
 Rosemary Ruth, Marion
 Lynn Marie Salisbury, Columbus
 Karen Lynn Sasaki, Chesterland
 Cindy Lee Satterfield, Lorain
 Bruce Allen Seckel, Marion
 Patricia Ann Seitz, Columbus
 Denise Elizabeth Sells, Monroe
 Mona Ann Serotta, Rossville, Ga.
 James Joseph Sgambellone, Lucas
 Chetuan Lorene Shaffer, Columbus
 John Raymond Shipman, Troy
 Michael Gaen Shoemaker, Columbus
 Sheree Lee Sievert, Columbus
 Joseph C. Slater, Wooster
 Valerie Kay Smith, Dresden
 Scott Alan Smylie, Beachwood
 Linda Renee Snead, Columbus
 Robert Lee Sorrell, Columbus
 Gary William Spatz, Mansfield
 MaryAnn Spieker, Toledo
 Marcia Lee Stein, Columbus
 Dirk Douglas Steiner, Wapakoneta
 Debra Lynn Steinman, Toledo
 Tracy Lynn Stewart, Yellow Springs
 Debra Kay Stone, Columbus
 Brian William Storck,sylvania
 Cynthia Sue Straub, Westerville
 Leslie Bernice Strayhan, Cleveland
 Sue Ann Stroud, Columbus
 Matthew Paul Subtelný, Cincinnati
 Elizabeth Ann Sutherland, Cleveland
 Malcolm Gene Taaffe, Columbus
 Camille Alisa Taunoney, Westerville, N. Y.
 Barry Michael Taylor, Steubenville
 Clinton R. Taylor, Greenville
 Kathryn Marie Taylor, Swanton
 Fred Edward Thieme, Jr., Aurora
 Eileen O'Hearn Thomas, Chillicothe
 Constance Sue Tully, Columbus

Susan Marie Valenti, Louisville, Ky.
 Nancy E. VanRiper, Mansfield
 James Michael Veneziano, Erie, Pa.
 Susan J. Vucelich, Shadyside
 Katrina Lee Watson, Zanesville
 Lori Lynn Watson, Columbus
 Mark Andrew Watson, Zanesville
 Crystal Darlene Watts, Portsmouth, Va.
 Jackie Webb, Cleveland
 Joanne F. Weber, Sylvania
 David Eric Weisman, Toledo
 Carol Jean Weller, Bellbrook
 Amy Marie Wells, Columbus
 Alice Ann Wetzel, Dayton
 Nancy Whealan, Marion
 Christena Crawford White, Alliance
 Christopher James White, Wytheville, Va.
 Neil Charles Widerschein, Sylvania
 Virginia Arlene Wietzel, West Milton
 Bernard Floyd Williams, Jr., Chillicothe
 Kim Louise Wilson, Cincinnati
 Lori Lynn Wines, E. Liverpool
 Paul H. Winterstein, Norwich, N. Y.
 Brenda Sue Wolcott, Springfield
 June E. Wright, Canfield
 Barbara Ann Yeip, Columbus
 George Leroy Yerkes, Belpre
 Elizabeth Eulalia Young, Aurora
 Pamela Sue Young, Fairborn
 Barry Neil Zeidman, Columbus

Bachelor of Science

Gregory Alan Archer, Macedonia
 Michael K. Balsler, Mansfield
 Phil Lee Banks, Dayton
 Loren Eric Barber, Newark
 Glenn Harding Bates, Corning
 Daniel William Beadle, Sinking Spring, Pa.
 Mary Ellen Beardmore, Columbus
 Lynn Morreen Bennett, Columbus
 Debra Suzanne Boehm, Delaware
 Mine Nimet Bozkir, Orrville
 Lee Ann Brady, Pittsburgh, Pa.
 Eric Brothers, Bath
 Margaret Pifer Burton, Mansfield
 Carla J. Card, Flint, Mich.
 Rhonda Ann Carter, Columbus
 Freeman Lowell Clark, Reynoldsburg
 Kevin Lee Clifford, East Rochester
 Stephany Jean Criswell, Columbus
 Michael Edmond Davis, Cleveland
 John Charles DeShon, Columbus
 William David Fishing, Columbus
 Lisa Nancy Frank, Newton, Mass.
 Joseph Amiel Giampapa, Columbus
 Faith Marcia Goldweitz, Harrisburg, Pa.
 Sandra Wirts Green, Radnor
 Kenneth Clayton Greene, Jr., Delaware
 Richard Anthony Harriott, Columbus
 Gene David Harris, Portsmouth
 Wesley Warner Hedges, Ashville
 Marlene Anne Hentosh, Hubbard
 Michael William Huber, Columbus
 Kelly James Kelleher, Alliance
 Dianna Kay Kimble, Gallion
 Paul D. Kochanowski, Toledo
 Bradley A. Koontz, Wharton
 Jude Anthony Krai, Columbus
 Susan Jane Kugel, North Canton
 Corinne Abbott Kuhta, Toledo
 Kristen Jean Langhout, Dayton
 Julie Anne Laughrey, Kettering
 Robert A. Long, Alexandria

Martin Louis Lower, Washington C. H.
 Gregory L. Mathews, Columbus
 Barbara Alice McLaurine, Reynoldsburg
 Cynthia Louis Mohler, Columbus
 Claire Louise Morrison, Cincinnati
 Deborah Ellen Naymick, Youngstown
 Myrna Esther Ocasio, Columbus
 Mark Vincent Packard, Dublin
 Christine Marie Pfaff, Rocky River
 Valerie Rasperry, Columbus
 Jan Frassrand Richards, Worthington
 Lisa Brautigan Robinson, Sidney
 Mark Evan Saylor, Columbus
 Cynthia Ann Schneider, Trenton
 John Michael Seitz, Coldwater
 Richard Barnett Smith, Columbus
 Jan Marie Suchecki, Kettering
 Carol Lea Taylor, Columbus
 James Douglas Thomas, Lima
 Richard Paul Trebing, Columbus
 Andrea Lynn Tucker, Fostoria
 Thomas Duane Wendel, Celina
 Theodore W. Williams, Morral
 Miriam L. Wilson, Newark
 Kevin Boyd Witt, Centerville

School of Journalism

Bachelor of Arts in Journalism

Cris Stewart Allen, Columbus
 Karen Jean Alsbrooks, Columbus
 Wrenford Archibald, St. Thomas,
 Virgin Islands
 Jane Christine Birkhoff, Shaker Heights
 Blake Owen Brewer, Eaton
 Monica Christine Bruno, Amherst
 Martha Anne Carson, Coolville
 Kay Ditzel Castagnola, Columbus
 Cynthia M. Cipriani, Lyndhurst
 Montgomery Louis Clegg, Worthington
 Catherine M. Conlon, Marysville
 Karen J. Cox, Columbus
 David Mark Crawford, Circleville
 Holly Beth Currier, Elyria
 Terry Dugger Curtis, Columbus
 James Douglas Dillon, Bay Village
 Daniel Fabrizio, Easton, Conn.
 Gail Beth Fein, Girard
 Jerry Frey, Cincinnati
 David Eugene Fultz, Jr., Columbus
 Joseph George Giampietro III, Youngstown
 Ida Mae Hawkins, Columbus
 Linda Jean Heller, Bedford Heights
 Loren Glenn Hosack, Columbus
 Nancy Jo Joos, Lancaster
 Francis Michael Kelley, Columbus
 Sara Ann Kendall, Salem
 Deborah Louise Kenney, Columbus
 Jon Russell Kerns, Fremont
 Phillip King, Columbus
 Julie Ann Klein, Lorain
 William J. Klosterman, St. Marys
 Anne Marie Koss, Youngstown
 Renée Krause, Hollywood, Fla.
 Lana Lea Lanzer, Columbus
 Suzette Martin, Akron
 Kathy Ann McCroskey, Toledo
 Beth Lynne Meisner, Massillon
 Laurie Miriam Mendel, Youngstown
 Kieren Metts, Columbus
 Mary Carol Miller, Middletown
 Richard Blair Moore, Marietta
 Therese Marie Moran, Bedford Heights

Mary Marjean Murray, Fostoria
 Pamela Eileen Peters, Mayfield Village
 Peter Petoniak, Columbus
 Susan R. Prentice, Columbus
 Jeanne M. Reall, Columbus
 Yanick Helene Rice, Akron
 Victoria J. Severine, Dix Hills, N. Y.
 Wendy Ilene Steele, Columbus
 Holly J. Stefanyk, Lakeville
 Judy L. Stewart, Columbus
 Sheri Sweatmon, San Antonio, Tex.
 Pamela Karen Tapscott, Washington, D. C.
 Linda Leora Turner, Toledo
 Mark Louis Uriah, Bridgeville, Pa.
 Judy Ann VanPutten, Dayton
 Pamela Sheryl Weiss, Columbus
 Rhonda Marie Wetterman, Marysville
 Rhonda J. Wilson, Jackson
 Gretchen J. Wyrick, Portsmouth
 Doreen Anne Zalesnik, Fords, N. J.

College of Administrative Science

Dean: H. Justin Davidson

Bachelor of Science in Business Administration

Elizabeth A. Adams, Highland
 Clifford David Aiken, III, Gahanna
 James Charles Aids, Columbus
 Bradley Eugene Allen, Van Wert
 Lawrence James Allen, Pleasantville, Pa.
 Vicki Jo Anelick, Columbus
 James Earl Angel, Cincinnati
 James Ronald Arthur, New Hampshire
 April Marie Atwood, Pittsburgh, Pa.
 Neil Roger Aukeman, Springfield
 Lorraine Axelrod, Akron
 Susan L. Bachorski, Conesus, N. Y.
 Robert E. Baesmann, Columbus
 Charlton Raymond Baker, Lockland
 Kevin Lee Baker, Mt. Gilead
 Jane Marie Balzer, New Carlisle
 Thomas Joseph Bandi, Willoughby Hills
 Paul Scott Bankert, Columbus
 Charles Francis Barga, Versailles
 Ruth Ellen Barr, Hilliard
 Kimberly Ann Bartler, Columbia Station
 Jeffrey Wayne Basch, Mayfield
 William Burton Baston, Penacook, N. H.
 Kimberly Rae Basye, McComb
 Thomas Dwight Bates, Amanda
 Thomas John Baxter, Columbus
 Perry James Beck, Fairview
 Louise Harriet Bednarski, Independence
 Debra Jean Bellinger, Lorain
 Suzanne Belot, Rayland
 Timothy Ray Benjamin, Columbus
 Stephen R. Bennett, Grove City
 Stephen Louis Berez, Ft. Lauderdale, Fla.
 David A. Berger, Amherst
 William Rowan Bernetch, Cherry Hill, N. J.
 Gene Patrick Berry, Woodsfield
 Melissa Jane Berwanger, Columbus
 Joseph Patrick Betz, Wellsville
 Kenneth Howard Beveridge, Marion

Jill Ann Biales, Cleveland Heights
 Bonnie K. Bierbaum, Whitehouse
 Arnold Charles Bishel, Kensington
 Jeffrey Alan Blankenship, Columbus
 Thomas Michael Blischak, Toronto
 Kenneth Edward Blum, Dayton
 Stephen Philip Blythe, Reynoldsburg
 Joan Elizabeth Bodner, Warren
 Marko Boh, Worthington
 Clay Cameron Bohacher, Dayton
 Joseph Travis Bost, Bolivar
 Christine Jill Bowman, Perrysville
 Sandra Dawn Bowsher, Bellefontaine
 Warren Britt, Ft. Lauderdale, Fla.
 Anthony B. Brown, Cleveland
 Louis Gerald Brown, Cincinnati
 Kimberly Estelle Bruegman, Midlothian, Va.
 John Bruno, Lorain
 Carol Toole Bubby, Los Alamitos, Calif.
 Richard Vito Bucci, Zanesusville
 William Buckley, Lorain
 Susan Marie Burk, Springfield
 Richard William Burke, Alliance
 Ronald Eugene Burke, Centerville
 Gregory E. Cain, Byesville
 Patricia Louise Callahan, Columbus
 Peter Joseph Camarata, Warren
 Mitchell Alan Camp, Orrville
 Angela Campo, Springfield, Ill.
 Anne Marie Cardinal, Massillon
 Max Scott Carrier, Sandusky
 Thomas C. Carroll, Akron
 Robert Anderson Carson, New Matamoras
 J. Scott Cartnal, Newark
 Ellen Margaret Cartwright, Wilmington
 Gregory Alan Castignola, Trenton, Mich.
 Julie Lynn Chandler, Columbus
 Eun Won Cho, Flushing, N. Y.
 Lyndon Jay Christman, Columbus
 Eric C. Clark, Cleveland
 Michael Bernard Cleary, Columbus
 Ellen Harriet Cohen, Shaker Heights
 Steven Alan Cohen, Columbus
 Donald Steven Cole, Galena
 Mary Patricia Cosgriff, Euclid
 Kathleen Mary Costello, Mentor
 Lori Linn Cowden, Merritt Island, Fla.
 Cathy A. Cowee, Columbus
 Amelia Ann Cox, Cincinnati
 Cheryl Ann Cox, Middletown
 John Alan Craig, Willoughby
 Robert Dean Craycraft, Portsmouth
 Marilyn C. Cubic, Cleveland
 Kirk James Cupp, Columbus
 Sharon Dee Cuppelt, New Philadelphia
 James Dodds Curphey, Toledo
 Michael Wall Currie, Circleville
 Mark Arthur Cyphers, Mt. Gilead
 Craig Alan Danekas, Dixon, Ill.
 James Eugene Dankowski, Gallon
 Diane Dapsis, Maple Heights
 Steve Davidian, Chagrin Falls
 Linda Kathryn Davis, Dover
 Roger Allen Davis, Columbus
 Timothy Eric Davis, New Philadelphia
 Christopher John DeLany, Columbus
 James Calhoun DeLong, Massillon
 Andrew Bruce Derrow, Blacklick
 Thomas John DeSantis, Rochester, N. Y.
 Charles Scott Deutchman, Shaker Heights
 Roger Frederick Dierker, Columbus
 David Donovan Dike, Columbus
 William Christopher Dillon, Atlanta, Ga.
 David Neal-Diner, Cincinnati
 Russell Wyckoff Dise, Cleveland Heights
 Christopher Frank DiTota, Lyndhurst

Stephanie Arleen Donaldson, Columbus Grove
 Beth Ann Dopkias, St. Clairsville
 David Scott Downie, Youngstown
 Robert Joseph Drexler, Akron
 Ernest David Ducey, Ottawa
 Andrejs Paul Dumpis, Chicago, Ill.
 Debby Marie Dunlap, Reynoldsburg
 Gregory Roland Dunningavot, Columbus
 Martin F. Ebert, Waldo
 Patrick William Eckel, Columbus
 Tom Curtiss Elkin, Mount Gilead
 Dorinda Kay Ertel, Martinsville
 Marianne Rita Etowski, Huron
 Russell Stephen Eubanks, Columbus
 Victoria Lea Farnwald, Columbus
 Jerrold Lee Federer, Columbus
 Robert Ewing Filer, Columbus
 Glynnda A. Finister, Dayton
 Richard Donald Finn, III, Columbus
 Joseph P. Flach, Roswell, Ga.
 Mary Kathleen Flynn, Union Lake, Mich.
 Canice Joseph Fogarty, Jr., Wauseon
 Timothy Patrick Forkin, Hudson
 Jeffrey William Foster, Napoleon
 Ernest Lewis Fox, Woodmere, N. Y.
 Timothy F. Freriks, Crooksville
 Elaine Iris Friedman, Columbus
 Harlan Scott Friedman, Columbus
 Lawrence Steven Friedman, Skokie, Ill.
 Lee Bryan Friedman, Pepper Pike
 Christopher Gaitanos, Canton
 Timothy Earl Galbreath, Troy
 Lawrence E. Gallagher, Newark
 Thomas Stephen Gallagher, Lancaster
 Byron John Garvey, Lyndhurst
 Marty Bruce Garvin, Mentor
 David Scott Gerber, New Holland
 Joel Paul Giannobile, Dover
 Kenneth M. Gibson, Columbus
 Thomas Allen Gibson, Oakbrook Terrace, Ill.
 Gregory Joseph Gicale, Springfield
 Michelle Yvette Gilleland, Englewood
 Robert R. Glatz, West Alexandria
 Susan Mary Gioeckl, Houston, Tex.
 Robert Karl Gockel, Euclid
 Mary Joan Goedde, Lima
 Lewis Howard Goldfarb, Sandusky
 Thomas Alan Goodman, Steubenville
 Diann Lee Goodwin, Columbus
 Charles Edward Gordon, Columbus
 Thomas Edward Graham, Salem, W. Va.
 James Grant, Columbus
 Harjis Juris Grants, Columbus
 Janice Lisa Greben, Buffalo, N. Y.
 Amanda Mary Green, Mansfield
 Barry Alan Gregg, Newark
 Linda Jane Gregory, Cleveland
 Bradley Kent Grunewald, Steubenville
 Donna Marie Gudowicz, Wickliffe
 Lisa Jimene Guest, Perrysburg
 Stephen Guido, Lowellville
 Andrew Alan Guthrie, Columbus
 Marc Stuart Gutter, Bexley
 David Buckner Guzzo, Columbus
 Dean Eldon Haberkamp, New Knoxville
 Anthony Tyrone Hall, Columbus
 Connie Lynn Hall, Conneaut
 Pamela Sue Halsey, Fairfield
 Clark Bennett Halvordson, Napoleon
 Jeffrey Dale Hammond, Middletown
 Deborah Lynn Handley, Columbus
 Mary Elizabeth Hanover, Fremont
 Leslie Carol Hanson, South Euclid

Jeffrey S. Haring, Mansfield
 Brian Patrick Harrison, Belpre
 Kevin Bernard Hatten, Columbus
 Judy Lynn Hausrath, Rocky River
 Edmund Everett Heattstedt, Ashland
 Lorraine Denise Heicheimer,
 Binghamton, N. Y.
 David Alan Heilman, Columbus
 Marsha Lynn Helmer, Dodge City, Kans.
 Stephen Barclay Henretta, Worthington
 Alfred F. Herold, Pittsburgh, Pa.
 John Mark Herrnstein, Chillicothe
 Catherine M. Heyman, Upper Sandusky
 Carole Sue Higgins, Dayton
 Michael Alan Hiler, New Washington
 LuAnn Hill, Columbus
 Fred Brian Hillard, Morrow
 Lawrence Mark Hirsch, Lyndhurst
 David Brian Hoffer, Dayton
 Thomas Albert Holden, Cincinnati
 Elizabeth Ann Holland, Columbus
 Debra Lynn Hollifield, Delaware
 Lisa Jo Holt, Hubbard
 Mary Louise Hord, Columbus
 Kathleen Frank Howard, Columbus
 Lynn Louise Hubach, Aurora
 Warren Edward Huber, Sandusky
 Robert Alan Humphrey, Columbus
 Alan Jay Hurd, Lima
 Charles Hutchinson, Euclid
 James Eric Hyson, Cincinnati
 Kent John Ihardt, North Royalton
 Michael Jene Jackson, Bellville
 Terry Elizabeth Jarboe, Worthington
 Julie Anne Jenkins, Columbus
 Jeffrey Douglas Jennings, Alliance
 Michael Josef Jirec, Urbana
 Richard Scott Johnston, Woodbury, Conn.
 Suzette Denise, Lakewood, Colo.
 Judith Lyn Justice, Ft. Lauderdale, Fla.
 Karen Maria Kabelka, Columbus
 Alan Vincent Karhoff, Spencerville
 Donovan P. Karnehm, Monroeville
 Brian Stuart Katz, Steubenville
 Rita Marlene Kauffman, Columbus
 Timothy Patrick Keenan, Woodbridge, Va.
 Clarence William Keller, Jr., Kettering
 Gary Neal Keller, Athens
 Holly S. Keller, Columbus
 Walter David Kennedy, Bexley
 Judy Lynne Kenney, Sabina
 Stephen Keith Kilpatrick, Frazeyburg
 Cynthia Lynn King, Columbus
 Nicholas Theodore Kitsonas, Columbus
 Roger Lee Klosterman, Celina
 Shawn Knapp, Columbus
 Ilona Elizabeth Koleszar, Warren
 Kathy Jo Kolich, Massillon
 Douglas Alan Konkle, Circleville
 Robert A. Konold, Columbus
 Martin Kowalski, Amherst, N. Y.
 Robert M. Kritzler, University Heights
 Peter James Krzyszek,
 Hampton Bays, N. Y.
 Richard Allen Kurz, Parma Heights
 Aruna Narain Lalwaney, Worthington
 Doreen Tecora Landers, Columbus
 Andrea Christine Lanz, Cincinnati
 Harry Lee Larschied, Lima
 James David Laughlin, Lyndhurst
 Chang Sun Lee, Memphis, Tenn.
 Steven Craig Leppert, Columbus
 Sandra Caudill Levatter, Hamilton
 Gregg A. Levine, Beachwood

Barth Alan Levy, Bethel Park, Pa.
 Steven Alan Lietz, Columbus
 Janice Eileen Lindner, Columbus
 William Anthony Liotta, Mayfield Heights
 Evan Marshall Litvak, Englewood
 John Raymond Lochner, Lake Geneva, Wis.
 Sarah Louise Lockard, Ashtabula
 Patricia Luc, Fremont
 Robert Blair Luikart, Worthington
 Palmer Joseph Macali, Niles
 Marcia A. Mack, Allentown, Pa.
 Tamara Ann MacLaren, Toledo
 Benjamin Howard Mann,
 Orchard Park, N. Y.
 Steven Bruce Manning, Columbus
 James Carlton Manuel, Kettering
 Jimmy Mar, Cleveland
 Loren Jonathan Margolis, Pepper Pike
 James H. Marshak, Spotswood, N. J.
 Billy Davis Marshall, Granville
 Barbara Ann Martin, Kettering
 Michael Hall Massey, Ironton
 Mark Hummel Matheny, Columbus
 Jud R. Mauger, Pataskala
 John Willard McCallister, Columbus
 David McCartney, New Bedford, Mass.
 Craig Coulter McClarren, Alliance
 Nancy Marie McGuire, Columbus
 John William Van Vloten McIntosh,
 Madison
 David Lewis McKee, Jr., Columbus
 Christopher Edward McNicol, Wellsville
 Scott Allen McPherson, Parma
 Mark Kevin Mead, Bucyrus
 Linda Marie Meister, North Canton
 Susan Jane Mellman, Dayton
 Rudolph John Menart, Brook Park
 Jetta Lynn Mencer, Coshocton
 Kim Suzanne Mendenhall, Marietta
 Thomas Brian Meredith, Lyndhurst
 Gregory A. Metzger, Shelby
 Eric Benjamin Meyer, Ft. Lauderdale, Fla.
 Mark D. Meyer, Anna
 Thomas Allan Meyers, Sandusky
 Debra Sue Miller, Shaker Heights
 Hope Elaine Miller, Doliver
 Marilyn Sue Miller, Lakeside
 Michael Dee Miller, Russells Point
 Tyler Gordon Mills, Findlay
 David Robert Milne, Middleburg Heights
 Gregory Marvin Mise, Bellefontaine
 Lisa Maria Miskinis, Worthington
 Steve M. Moberger, Westerville
 Patrick Gerard Moeller, Hamilton
 Sedigh H. Moizadeh, Columbus
 Rhonda Anna Mokhiber, Pittsford, N. Y.
 John Lee Monroe, Columbus
 Nancy Duncan Montague, Greenhills
 Joseph Porter Morgan, Jr.,
 Grand Prairie, Tex.
 Mary Anne Mullen, Youngstown
 William Sanders Munson, Reynoldsburg
 Jerry Muskal, Cleveland
 James Edward Mustaine, Bellefontaine
 Debora Renee Myles, Worthington
 Mark Harrison Near, Cleveland Heights
 Rachelle Ann Neillands, Naperville, Ill.
 Kathleen Lynn Nesser, Columbus
 Terri Lynn Newmeyer, Beachwood
 Philip Gerard Noonan, Delphos
 Ronald LaMarr Norris, Cambridge
 Lawrence Edward Nunamaker, Plain City
 Kim Sue Nutter, Lancaster
 Dale Lee Ocheske, Northwood
 William Donald Oeters, Cincinnati

Mark Shafer O'Hara, Dayton
 Frederick William Ohle, Youngstown
 Debra Leigh Olinger, Coshocton
 Nicholas Michael Olivieri, Mansfield
 Eric Olnhansen, Bryan
 Brian David Ongaro, Columbus
 Angelo Anthony Ortega, Solon
 Jan L. Osterholtz, Steubenville
 Michael Miller Ott, Sandusky
 Margaret J. Owen, Maple Heights
 Nanette Lynn Paden, North Baltimore
 Dean Kent Parsons, Norwood
 Andrew Valentine Pasholk, Columbus
 Eric Braden Paul, Columbus
 Michael Andrew Pavia, Fairview Park
 Douglas Lee Payne, Cincinnati
 Robert Adelard Pelletier, Beverly, Mass.
 Kari Lee Peterson, Kettering
 Toby K. Petticrew, Springfield
 Joel Edward Pierce, Plymouth, Wis.
 Pamela Louise Poffenbarger, Germantown
 Jeffrey L. Polinori, Heath
 Seth Ellis Pollack, Albertson, N. Y.
 Gay Elizabeth Powell, Washington C. H.
 John Joseph Protenic, Lorain
 Linda Kay Rader, Columbus
 Elaine Ragazzo, Warren
 Julie Anne Rakestraw, Elyria
 Daniel Joseph Ramsey, Cincinnati
 Stephen Howard Rauch, Lowell
 Gregory Allen Recchiuti, Dover
 Thomas P. Reed, Cincinnati
 Paul Garrett Reeves, Centerville
 James Kent Reidenbach, Van Wert
 Mary Lou Reiner, Willoughby
 Kimberly Ann Rempe, Milford
 Timothy Michael Remster, Columbus
 David Charles Resler, Newark, Del.
 Charles Edgar Rice, Gambier
 Jill Staci Richman, Mayfield Heights
 Eric Alan Rieve, Hilliard
 Jonathon Daniel Riggs, Lima
 Mary Diana Rinehart, Columbus
 James Joseph Ritter, Jr., Middletown
 Joel Evans Roadruck, Coshocton
 Charles Paul Roberts, Kitchener, Ont.
 Jeffrey Marc Robinson, Columbus
 Kelly Sue Robinson, West Lafayette
 Kevin Wayne Robinson, Cincinnati
 John William Robison, Newark
 David Allen Rockwell, Cleveland
 Terence Edward Rodeman, Toledo
 Richard Carl Roemmele, Worthington
 Rebecca Renee Root, Kettering
 Janet Therese Rosowicz, Austintown
 Gwen Ellen Ross, Wauseon
 Jeffrey B. Ross, North Fairfield
 Terri Lynn Rothermund, Columbus
 Michael George Rowan, Newark
 Patrick Sloan Rowan, Newark
 Bruce Alden Rowland, Marion
 Dana Wilson Rudmose, Columbus
 Douglas Jay Runyan, South Vienna
 Jerry Michael Rutledge, Columbus
 Joseph Michael Ryan, Waynesville
 Cynthia Annette Sallee, Springfield
 Sandra L. Sabo, Toledo
 Craig Allen Sampsel, Massillon
 John A. Sanchirico, Stow
 Lori Diane Saratin, Mansfield
 Anthony Francis Scarpelli, Flushing, Mich.
 Carl Walter Scheiderer, Marysville
 Raymond William Schilling, Reno
 Jeffrey Thomas Schimmoller, Ottoville
 David Roland Schlaegel, Powell
 Bruce James Schlegel, Mansfield
 Douglas Eugene Schleucher, Findlay
 James Arthur Schmitz, Olmsted Township
 Karen Rachel Schneiderman, Akron

James Manner Schrack, II, Loudonville
Terrance Arthur Schwieterman, Coldwater
James L. Scott, Findlay
Kimberly Sue Seibert, Cincinnati
Mark Scott Selege, Columbus
Margaret Clare Shanahan, Palatine, Ill.
Laurie Dee Sheaf, Columbus
Ricky David Sherman University Heights
Bruce Justin Shilander, Euclid
Brian Lee Shively, Fletcher
Maribeth Lee Shreves, Delavan, Wis.
Pamela Jean Shriver, Holland, Mich.
Brad Lee Smith, Pickerington
Glenna Renee Smith, Louisville, Ky.
Jane Morgan Smith, Dubuque, Ia.
Jerry Phillip Smith, New Albany
Steven Henry Smith, St. Petersburg, Fla.
Steven Howard Smylie, Moreland Hills
Randy S. Snyder, Lexington
Richard Eugene Soller, Marysville
John Robert Speer, Lancaster
JoAnn Stall, Willoughby
Timothy Lohman Stallings, Chagrin Falls
Robert Bruce Stamets, Painesville
Leonard William Stauffenger, Alliance
Linda Ann Steiner, Beachwood
Kenneth Lloyd Stewart, Hamilton
Lisa Ann Stillings, Richwood
Lynne Murray Stockwell, Columbus
Michael Alan Stockwell, Bryan
Richard Paul Stovsky, South Euclid
Michael Edward Strahine, Lakewood
Gary P. Strapp, Columbus
Jerry David Strawser, Circleville
Eric Charles Studer, Worthington
Thomas Lee Sturtz, Zanesville
Mary Lou Styer, Columbus
Jose Suarez, Aurora
Timothy Allen Sutton, Ft. Lee, Va.
David Brian Swank, Akron
Kurt Kinney Swiger, Canal Winchester
Diane Marie Szabra, Parma
Craig Blair Talley, Mt. Vernon
James R. Tate, Columbus
Carolyn Ann Tauber, Cincinnati
Deborah Gaye Taylor, Cincinnati
Pinaz Temizer, Columbus
Thomas Murray Terveer, Alliance
Michael James Thatcher, Newtown, Pa.
Daniel Robert Thomas, Warren
Ann Marie Thompson, Canton
Danos S. Tiano, Columbus
David Drew Toben, St. Mary's
James Paul Totterdale, Martins Ferry
Jay Robert Tovey, Mansfield
Bridget Anne Tracy, West Carrollton
Steve D. Tracy, Virginia Beach, Va.
Ronald J. Trennel, Eastlake
Michael W. Trickey, Centerville
James Nick Trifelos, Newark
Mary Lou Trumick, Cincinnati
Robert Brian Tugend, Fredericktown
Laura Lee Turner, Ashtabula
Terry Lee Turner, Tiffin
Thomas Raymond Ulliman, Cincinnati
Joel Edwin Urbany, Lima
William Guy Vendemia, Youngstown
Jill Leena Vincent, Grove City
Mary Kay Viola, Columbus
Lisa Ruth Vogt, Bowling Green
Martine Edith Walder, Cincinnati
Floyd Dalton Walker, III, Zanesville
Robin D. Wall, Hubbard
Susan Lisa Walters, Columbus
Julie Wanamaker, Fairfax, Va.
Debra Sue Warburton, Lawrenceburg, Ind.
Donald Eugene Ward, Dothan, Ala.

James Michael Ward, Rocky River
Ralph Kyle Ward, Upper Marlboro, Md.
Julie Beth Warner, Beachwood
Katsuhiko Watanabe, Tokyo, Japan
Thomas Howard Watson, Pittsburgh, Pa.
Cheryl Anne Watts, Williamsville, N. Y.
Rebecca Jean Weinstock, Marietta
David Alan Weisbarth, North Olmsted
Arthur Aaron Weisman, Beachwood
Steven Philip Weiss, Columbus
Robert Douglas Westerfield, Centerville
Judy Lynn Wetzel, Canton
Denise Vickie Weyl, Columbus
Bruce Mage White, St. Marys, W. Va.
Douglas Robert White, Cincinnati
Sharon Kimberly White, Wheelersburg
Thomas Alan White, Columbus
Robert Dean Widdoes, Sandusky
Stephen Matthew Wilkinson,
Cherry Hill, N. J.
Don Alfred Williams, Mansfield
William Alan Williams, Lexington
Lisa Anne Willoughby, Fairlawn
Patrick Owen Wills, Westerville
Gregory Alan Willsey, Cherry Hill, N. J.
Mitchell Allen Wilson, Alliance
Timothy Nolan Wilson, Brookville
Bruce Alan Winter, Warren
Michael Anthony Wise, East Liverpool
Tina Jo Wojchowski, St. Clairsville
Patricia Pui-Yuk Wong, Hong Kong
William Louis Woods, Piqua
John Patterson Wright, Girard
Rick Lynn Wright, Lexington
William R. Yeack, Columbus
Laura Rae Young, Canal Fulton
Miriam Young, East Brunswick, N. J.
John Kim Yung, Lyndhurst
Michael Scott Zatezalo, Rayland
Mary Margaret Zorko, Olmsted Falls
Robert Dale Zuber, Independence

Bachelor of Science in Labor and Human Resources

Julia Lee Brittenham, Columbus
Janet Lee Carter, Bridgeville, Pa.
Cynthia Beth Green, Cleveland
Gary Alan Josephson, Columbus
Carmen D. Likes, Milan
Donald Ray Meadows, Toledo
Shawn Timothy Newman, Sandusky
Cynthia Ann O'Brien, Kettering
Susan Elaine Partlow, Jackson
Dean Edward Wagner, Shelby

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

Ismail Bin Abd. Latif, Negeri, Malaysia
Luis Roberto Acevedo, Liberia, Costa Rica
Robert Allen Agle, South Vienna
Franklin LaRue Akers, Circleville
James Matthew Anderson, Maumee
Steven Louis Anderson, Maumee

Linda Jeanne Armour, Vienna
Cindy Sue Arrarstrong, Cincinnati
Gregory Harris Arnott, Hillsboro
Vanessa Lynn Back, Dayton
Laurel Katherine Bailey, Rocky River
Eric Kenneth Basinger, Columbus Grove
Stephen Richard Beanblossom, Greenville
Paul Robert Beauregard, Lakewood
Randall Glenn Beckett, Hamilton
William Edmund Beckley, Mt. Vernon
Donald Wendell Belt, Croton
Larry Alan Berger, Columbus
James Edward Berry, Wadsworth
Randall Lee Besecker, Arcanum
Glenn Nicol Bestor, Bay Village
Carol S. Bialecki, Mansfield
Steven George Bishop, Topsfield, Mass.
Jean Elizabeth Blanton, Montgomery
Christopher Reid Blauser, Tipp City
Raphael Gordon Blimbaum, South Euclid
Craig Allen Blue, Marion
Jeanne Bradford Bonham, Cincinnati
Jean Adele Boone, Wadsworth
William Charles Bornhorst, Fort Laramie
Ruth Ellen Bostic, Cincinnati
Ruth Ann Bothwell, Woodbridge, N. J.
Michael Anthony Boyert, Brooklyn Heights
Cindy Nicol Brake, Marysville
Larry Alan Brake, Marysville
Meribeth Grace Bricker, Columbus
John William Brucia, Baltic
Glenn Richard Brugler, Burghill
Elizabeth A. Brumfield, Columbus
Gary Douglas Bruner, West Liberty
Gerald Edward Brust, Munroe Falls
Donna Jean Burns, Toledo
Ren-Ren Chen, Osaka, Japan
William Edward Chirdon, Dalton
Alan Bruce Clark, Morristown, N. J.
Kenneth Martin Collins, Brookpark
Dawn Marie Corbin, Orient
Thomas Michael Corcoran, Cincinnati
Robin Dale Cox, Columbus
Michael Lewis Crawford, Vandalia
Therese E. Cziraki, Ashville
Arthur Thomas Darnell, Cincinnati
Rick Lee Daugherty, Wooster
William Patrick Davis, Plain City
Teresa Ann Diltz, Reynoldsburg
Stephen Eugene Drummond, Lyndon
Barry John Duerk, Wadsworth
Dianne Carolyn Eddie, Newton Falls
Michael J. Elder, Springfield
Candace Jean Elledge, Columbus
Thomas Clyde Elliott, New Concord
Thomas Edwin Elliott, Jackson
Donald Robert Ellis, Tiffin
Carolyn Diane Eselgroth, Chillicothe
David Russell Ewart, London
Frederick Gary Fahrenbruck, Springboro
Allison Rae Farrell, Worthington
Carl McKenzie Felland, Wilmot
Robert Eric Feltz, Columbus
Timothy Allen Ferrell, Marysville
James Patrick Fitzgerald, Findlay
Susan Edwards Foster, Cardington
Linda Sue Freeman, Edgerton
Sally Jean Frizzell, Farmersville
Mark David Gelin, Newark

Terri Ann Gerhardt, Oakton, Va.
 Janet Lynn Goodman, Johnston
 Alan David Goodwin, Columbus
 Carl Ormond Gray, Youngstown
 Kenneth Jerome Gregg, Strongsville
 William Scott Griffith, Columbus
 Deborah Rose Grossenbaugh, Bedford
 Hudson Brent Guard, Lebanon
 Robert Leo Guinan, Lancaster
 James McCain Hamilton, Cincinnati
 Thomas George Hamilton, Wilmington
 Molly Jo Hamrick, Circleville
 Nancy Kay Hardman, Columbus
 Margaret Ann Harmon,
 Rolling Meadows, Ill.
 William Mark Harpenau, Palm Beach, Fla.
 Timothy Kenneth Harris, Sullivan
 Allen Dale Hartschuh, Sycamore
 Carol Lynn Harvey, Canton
 Thomas William Havlis, Cincinnati
 Edward Paul Heineman, Put-In-Bay
 Maribeth Hepp, Cincinnati
 Diane Sue Herold, Alliance
 Carol Ann Herstein, Chillicothe
 Barbara Lee Hesseltine, Columbus
 Phillip Eugene Hickman, Columbus
 Nancy Joyce Hill, Vienna, Va.
 Leslie Ann Hilaman, Columbus
 Robert James Hirth, Cincinnati
 Linda Kay Hitchcock, Cincinnati
 John William Hoelker, Orient
 Ann Marie Hoffman, Archbold
 Laura Allison Hood, Sylvania
 Paul Elliott Horning, Cincinnati
 John Carver Huck, Marietta
 William Joseph Hueckel, Columbus
 Eugene Clayton Huffman, Zanesville
 Steven Lee Hull, Kenton
 Douglas Dean Hunter, Beverly
 James Richard Jackson, Jr., Napoleon
 Doris Jean Jacox, Massillon
 Pamela Ann Jaffke, Toledo
 David Henry Jelley, Sidney
 Jennifer Drusila Jellison, Canton
 Robin Gay Jenkins, Galion
 Marianne Sue Jocha, Mansfield
 Agnes Regina Jochenning, Cleveland
 Eric Craig Johnson, Canfield
 Mark William Johnson, Cincinnati
 Terri Alane Jones, Norwalk
 Linda Jean Kahler, Pemberville
 William Michio Kawasaki, Melville, N. Y.
 Roy David Keir, Salem
 Raymond Eric Keltner, New Vienna
 James William Kennon, Urbana
 Jeffrey Glenn Kenyon, Mentor
 Heather Ann King, Columbus
 Theresa Ann Kline, North Canton
 Danon L. Kramp, Strongsville
 Donald Joseph Krock, Cleveland
 Jeffrey Allen Kruszewski, Holland
 Quentin Lloyd Kurtzals, Madison
 Ellery Kantz Lamkie, Hilliard
 Roger Allen Lange, Green Springs
 Denise Ann Languis, Columbus
 Sandra Jo Larsen, Blue Ash
 Stephen Eugene Lash, Germantown
 George Thomas Lawrence, Marion
 Carolyn Ann Lewis, Columbus
 Kelly James Liddington, Dryden, N. Y.
 Janis Louise Linke, Toledo
 Kenneth Milton Lisk, Caldwell
 Lisa Anne Loev, Columbus
 Lewis Dwight Logan, Kinaman
 George William Lohstroh, Harrison
 Alana Denise Loos, Okeana
 Luke Lukasko, Brookfield
 Kurt David Luketic, Columbus
 Frank Richard Lupinski, LaGrange

Maureen Carol Mahoney, North Olmsted
 Joseph Vincent Malone, Parma Heights
 John Richard Mattinson, South Solon
 Robert Brian McCartney, Maumee
 Thomas Dale McClintock, South Vienna
 Jill Brown McCrady, Columbus
 Timothy Alan McDuffee, Toledo
 Janie Jo Lewis McIntyre, Columbus
 Teresa Jane McKie, Cincinnati
 Susan Diane Menke, Columbus
 Glenn Thomas Milenkevich, Cincinnati
 Aaron Eric Miller, Kinsman
 Charles Edward Miller, Somersret
 John Edward Miller, Republic
 Leland Ernest Mills, Kirtland
 Stephen Lee Moff, Canfield
 Karen Sue Monnier, Louisville, Ky.
 Zoe Arzell Monsier, Youngstown
 James DeWitt Montgomery, Brookville
 Jeffrey Lewis Montgomery, Cambridge
 Nancy Ann Nelson, Willowick
 Dale Michael Nieberding, Dayton
 Steven Lynn Oberschlake, Hamersville
 Terence Alan Olive, Riverside, N. J.
 Shirley Ann Painter, North Ridgeville
 Keith Stephen Papalko, Euclid
 Debra Rae Parsons, Columbus
 Cheryl Dalene Paschall, Cleveland
 Lynn Dianne Patterson, Dublin
 John Edward Pluto, Toledo
 Martina Terriq Porta, Austinburg
 Patrick Michael Pozderac, Garfield Heights
 Beth Ann Preda, North Canton
 Thomas Leslie Prince, Dover
 Andrew Mark Purdy, Sardinia
 William Herman Rahn, III, Hudson
 Douglas Robert Redding, Columbus
 Steven Jay Reed, Lewisburg
 Linda Maki Rinehart, Columbus
 Steven Earl Rinehart, Ostrand
 Karen Elizabeth Robbins, East Liverpool
 David Keefe Rockwell, Far Hills, N. J.
 Edward William Rogers, Manns Choice, Pa.
 Deborah Anne Rosendahl, Worthington
 Mary Ann Rozum, Euclid
 John Anthony Ruggieri, Providence, R. I.
 James Carroll Runyan, Mechanicsburg
 William Neff Scarff, Jr., New Carlisle
 Mark Anthony Scarpitti, Columbus
 Janet Lea Schmehl, Findlay
 Donald Dean Schneider, Custar
 Thomas Gene Schneider, Custar
 Michael William Schupp, Delaware
 Anthony Eugene Seites, Wellston
 Larry Dean Seibel, Lewisburg
 Thomas Myrvine Sewell, Farmersville
 Ronald Lee Shaw, Warsaw
 Sharon Sue Sheridan, Cedarville
 Charles Abram Shoots, Marysville
 Terri Sue Short, Gallipolis
 Jane Elizabeth Silleck, Delaware
 Dale Anthony Sinkovic, Toledo
 Steven Allen Smalley, Leesburg
 James P. Smith, Lancaster
 Michael Scott Smith, Mason
 Nancy Renee Smith, McComb
 Phillip Todd Smith, Maumee
 Michael James Snider, Canal Winchester
 Cynthia Marie Spar, Ada
 Cynthia Lee Springman, Dalton
 Sharon B. Stackhouse, Wakeman
 Joseph Mark Stark, Olmsted Falls
 Jodie Lee Stearns, Bloomdale
 Michael Duane Stecher, Bowling Green
 Ronald Eugene Steckel, Columbus
 Deborah LaVonne Steele, Delaware
 Hugh Richard Storer, Eaton

Michelle Robin Stover, Fairfield
 David Brian Strickling, Washington C. H.
 Gerald Lee Sutton, Cincinnati
 Cynthia Sue Taylor, Lancaster
 Scott William Thibaut, Prospect
 Jeffrey Nathan Thompson, Malta
 Patricia Ann Tirabasso, Mentor
 Carla Jeanne Tonne, Cincinnati
 Bruce Wayne Triplehorn, Columbus
 Jegak Anak Uli, East Malaysia
 Peter Vanderlugt,
 Burlington, Ontario, Canada
 James Kenton VanKeuren, Wooster
 John Allan Van Sickle, Delaware
 Elaine Lucille Veid, Cincinnati
 James William Vincent, Coolville
 Howard George Violet, Delphos
 Elizabeth Ann Vollmer, Gahanna
 Allen Ray Wagner, Edison
 Randall John Wagner, Toledo
 Thomas Alan Waldo, Atica
 Kelly Sue Walkden, Columbia Station
 Karen Sue Wallace, Westerville
 Michael Del Ward, Mt. Vernon
 Kip Walter Warnke, Walton Hills
 Stanley Kent Weldy, Middle Point
 Douglas Wayne Welty, Tipp City
 Kevin Wayne Wenner, Powell
 Carol Anne Werner, Parma
 Linda Marie Weygandt, West Salem
 Anne Marie Whelan, Columbus
 Bernard Julius Wilker, St. Mary's
 Leslie Lee Wilson, Columbus
 Michael Alan Wyant, Columbus Grove
 David Lester Wynkoop, Carroll
 Lynn Ann Yut, Canton
 Amy Ann Zachrich, Deshler
 Joseph William Zeigler, Battle Creek, Mich.

Bachelor of Science in Food Science

Pennie Lynn Baptie, Chardon
 Scott Michael Burday, Mayfield Heights
 Scott Russell Gonia, Toledo
 John Mark Hyde, Medina
 John Steven Ivancic, Columbus
 Mary Frances Lachman, Suffield
 Amy Elizabeth Lee, Warsaw
 Gayle Ellen Mayer, Cleveland
 Eyrion Alan Petraitis, Akron
 Liese Ann Rohfa, Cincinnati
 Mark Anthony Salimbene, Martins Ferry
 Jack Howard Schlanser, Jr., Cincinnati
 Frederick John Sharp, Jr., Toledo
 Linda Vitale, Maywood, Ill.
 Richard Eugene Wellinghoff,
 Lawrenceburg, Ind.
 Ricky Lee Whitley, Greenville

Bachelor of Science in Food Technology

Brian William Baker, Gahanna
 Susan Katherine Farrell, Parma
 Stephen Scott Foster, Sidney
 Richard Edward Johnson, Columbus
 Allen Lee Jordan, Eaton
 Joseph Neal Kelley, Lima
 Debbie Lee Nelson, Malta
 Diane Louise Oehlenschlaeger, Wooster
 Mary Margaret Shumate, Batavia
 Jean Ellen Skoog, Hillsboro
 Daniel Lee Strayer, Maumee
 Michael Jay Sneyer, West Chester
 Roger Paul Thomas, Columbus
 Edwin Jay Walko, Wellington

Bachelor of Science in Nutrition

John Watson Cochran, Columbus
Laura Suzanne Dill, Columbus
Rebecca Mary Dunton, Urbana
Peggy Ann Gargas, Idaho Falls, ID
Lisa Ann Gettles, Norwalk
Valerie Ann Miller, Columbus
Michael Louis Radvaneky, Columbus
Ann Patricia Trotta, Norwalk

School of Home Economics

Bachelor of Science in Home Economics

Susan Eileen Alexander, Columbus
Diana Joan Allbaugh, Utica
Pamela S. Azbell, Lancaster
Bonnie Jean Baker, Columbus
Beth Diane Bale, Galena
Amy Marie Bartels, Peninsula
Melissa Joan Bauer, Cincinnati
Kathleen Sue Bell, Caledonia
Hinda-Rose Bizem, Tonawanda, N. Y.
Linda Louise Bonfiglio, Sandusky
Mary Jean Bongey, Cincinnati
Mary Lee Bowers, Chillicothe
Kathryn Lee Brinker, New Waterford
Laura Lou Buchanan, Columbus
Jill Louise Calame, Wadsworth
Leslie Ann Cameron, Newark
Laurel Olga Charnas, Lyndhurst
Christina L. Clark, Columbus
Kimberley Dale Claus, Ormond Beach, Fla.
Julie Sue Cohn, Toledo
Crystal Lynn Cole, Logan
Tamar A. Cole, Landsdale, Pa.
Tasia Marie Coury, Zanesville
Kathy Marie Davis, Columbus
Kathryn Jean Degray, Galion
Kimberly Anne Dixon, Sunbury
Janelle Rose Donahue, Columbus
Judy Lynn Doughty, Conesville
Kimberly Gale Dunfee, Chesapeake
Jill Folmar Easterling, Columbus
Roberta Kay Efta, Columbus
Elizabeth Ann Evans, Cleveland
Jane Ann Everhart, McCutchenville
Barbara Lee Fay, Columbus
Marcia Anne Flax, South Charleston
Mary Patricia Fochtman, Columbus
Andrea Lynn Gorr, South Amherst
Karen Elizabeth Gottke, Columbus
Julie Ann Graber, Plain City
Linda Kay Graham, Fostoria
Gretchen J. Guthrie, Dayton
Rebecca Lynne Hacker, East Palestine
Barbara Elizabeth Hafner, Oxon Hill, Md.
Linda Ann Hall, Columbus
Sharalyn Ann Hamilton, Radnor
Diana Lynn Hammeron, Columbus
Andrea Lee Hansen, Wellington
Rebecca Lee Hastings, Prospect
Kimberly L. Hazelwood, Dayton
Sharon Lynn Higgins, Hillsboro
Susanne Kay Hittman, Columbus
Betsey Jane Holtzmuller, Farmersville
Jane Ann Hookway, East Canton
Marceline Jackson, Akron
Helen Connor Jenkins, Columbus
Debora S. Johnson, Mansfield
Elizabeth Ann Johnston, Wadsworth
Teresa Jane Jones, Columbus
Debra Lynn Kammer, Lyndhurst

Jon M. King, Mansfield
Ann Lynn Komlo, Chagrin Falls
Rorie Lynn Kraus, University Heights
Kimberly Ann Kubek, Broadview Heights
Margaret Ellen Landers, Urbana
Carol Ann Lang, Ashland
Lisa Sue Lang, Toledo
Susan Marie Lash, Akron
Jill S. Laufersweiler, Dayton
Margaret Virginia Lee, Lorain
Yu Peng Leong, Delaware
Willie Ariene Lewis, Cincinnati
Kathryn Jean Linnell, Columbus
Renee Marie Lohman, Cincinnati
Pamela Jo Londot, Utica
Renee Ann Maghes, Cambridge
Debra Manos, North Canton
Sierra Lynn McClain, Columbus
Paula Joann McClure, Washington C. H.
Patricia K. McEvoy, Cincinnati
Pamela Alice McGill, Lockbourne
Susan Victoria McKee, Jamaica, N. Y.
Betsey Ann McKendry, North Olmsted
Sheila Kay Mead, Bucyrus
Nancy Charlotte Meeker, Troy
Patricia Jean Mellett, Columbus
Susan Catherine Metcalf, Columbus
Lynette Sue Mizer, New Philadelphia
Rhonda L. Morrison, Wauseon
Denise Mostowy, North Canton
Teresa Kay Mott, Proctorville
Jennifer Jane Nagel, Avon
Angela Elizabeth Nooks, Xenia
Susan Marie Pauley, Columbus
Lisa Marie Poling, Dunkirk
Sandra L. Pompay, Middleburg Heights
Virginia J. Powell, Bidwell
Pamela Ann Premer, Westlake
Tamara Jo Redman, Zanesville
Nancy Kathleen Reger, Geneva
Mary Lee Reisinger, Kettering
Shannon Leigh Reusch, Valley City
Cathy Jo Reynolds, Otway
Linda Michael Reynolds, Fairborn
Diana Sue Richmond, Malta
Lesann Ritter, Cincinnati
Helen Ro, Columbus
Martha Ellen Rosolon, Glouster
Judith Kay Ruth, Jackson
Fay Schneider, Elyria
Jean Marie Schuller, Wadsworth
Susan J. Sexauer, Toledo
Rhonda Kay Shammo, Pemberville
Stephanie Lee Shamoun, Marietta
Beverly Sue Shaw, Tipp City
Gina Marie Silone, Lima
Mary Beth Smigelsky, Maple Heights
Bonita Leah Smith, Cleveland
Rachel Marie Smith, Dayton
Karen Sue Snyder, Vickery
Janet Elaine Somerlot, Richmond
Melissa Anne Sternweiler, Cincinnati
Jodey K. Stone, Holland
Janet Kay Stotler, Dayton
Debra Michele Szabo, Melville, N. Y.
Susan Elizabeth Szabo, Oregon
Nancy Curtiss Taylor, Columbus
Lana Aleene Thimmes, Cincinnati
Sharon Lee Thompson, Wellsville, W. Va.
Maria Marie Tiano, Columbus
Cathy Lynne Tipka, Reynoldsburg
Jeanne Laura Tobelmann, Rocky River
Mary Claire Verib, Parma
Kimberly L. Votaw, Columbus
Valerie Chalane Walker, Cleveland
Karen J. Watkins, Anna
Lynn Alycia Weeter, Waverly
Kay Ellen Wetterstroem, Columbus
Debra Ann Whetstone, Sandusky

Vickie Long Whinnery, Cadiz
Sharon Patricia Brause Willis, Worthington
Debra Ann Willis, Dayton
Brenda Anne Young, Elyria

Bachelor of Science in Nutrition

Christopher Daniel Cannell, Columbus
George James Gianakopoulos, Springfield
Michael Brian Montalto, Newark

Bachelor of Science in Restaurant Management

Michael Peter Benver, Columbus
Jo Ann Coon, Mansfield
Anthony Galiati, Canfield
Kevin James Letostak, Columbus
Thomas Robertson Parke, Fremont, Ind.
Tracey Lyn Sveda, Hudson

School of Natural Resources

Bachelor of Science in Natural Resources

Peter Ludomir Adamczyk, Columbus
Leslie Patricia Arelt, Pittsburgh, Pa.
Edward Alan Armbruster, Shelby
Joann Marie Arnett, Mt. Vernon
Brian Marlin Babb, Parma
Karen Sue Barnes, Ashland
Julia Lynn Belli, Huron
Denise Rachelle Bower, Plainfield
Janet Kay Britton, Columbus
Francis Martin Broekmeyer, Jr., Columbus
Ina Diana Brolis, Williamstown, N. J.
Roger Dale Byrd, Mt. Vernon
James Barden Cawse, Marblehead
Craig Jay Clark, Wooster
Ronald Allen Claunch, Jr., Cincinnati
John Henson Cutrone, Willoughby
Craig Anthony Daglia, Akron
Mary Catherine Delmoro, Akron
Steven Howard DeVault, Columbus
Thomas Lewis Dorn, Columbus
Michael John Dwyer, Reading
Bradley William Edwards,
Conneaut Lake, Pa.
Kenneth Douglas Evans, Gahanna
David L. Finch, Glendale, W. Va.
Diane Marie Franz, Deshler
Reid Allen Guthrie, Florham Park, N. J.
Barbara Ann Hampton, Columbus
Kirk Wendell Harlan, Amherst
Dennis Michael Hawley, Valley City
David Edward Heffner, Troy
Margaret O'Neil Helmick, Westerville
John Michael Hempfling, Delphos
William Lester Hudson, Akron
John K. Imboden, Columbus
Denise Anne Jackson, Peninsula
Kenneth Alan Joehlin, Curtiex
Douglas Charles Johnson, Newark
Gerald Alan Kasuga, Columbus
Christopher Leonard Kealey, Columbus
Carl Edward Keller, Jr., Somerville
Diane Marie Keller, Fairview Park
Arthur George Kline, Mt. Vernon
Roger Loring Knight, North Bloomfield
Jacqueline Lee Kocar, Avon Lake
Richard Carl Kopec, Dover

David Andrew Krisanda, Akron
 James Merle Kugler, Cadiz
 Maryanne Kurtinaitis, Garfield Heights
 Thomas Ellsworth LaRue, Columbus
 Mindy Kay Liebert, University Heights
 Michael Joseph Lyden, Bay Village
 Sandra Lee Mackey, Groveport
 Robert William Masters, Cortland
 Elizabeth Anne McAllen, Youngstown
 Lisa Frances McClaffin, Wakeman
 James Frederick Meese, New Philadelphia
 Harold Ashley Miller, Steubenville
 Mark Alan Moore, Strongsville
 Diana Dorothy Morawetz, Berea
 Paul Anthony Mueller, Wyoming
 James William Neal, II, Galena
 Tamara Lynn Nelson, Chillicothe
 Charlane Carol Niemczura, Girard
 Lynn Marie Nuesse, Cincinnati
 Thomas Joseph O'Grady, Columbus
 Judith Lea Paris, Columbus
 Douglas Edward Pauley, Columbus
 Brinton Charles Perera, Columbus
 Mark Edward Phillion, Columbus
 Glenn Alan Plungis, Cincinnati
 Morton Eugene Pugh, Fort Recovery
 Robert Walter Ray, Columbus
 Frederick True Reidenbach, Worthington
 Mary Ann Elizabeth Roe, Columbus
 Leo Jerome Sayles, Jr., Sullivan
 Jeffrey Richard Scharver, Barrington, R. I.
 Mark Alan Schneider, Wadsworth
 Cindy Lynn Schultz, Mt. Vernon
 Daniel Steven Skalsky, Cleveland
 Lynn Anthony Smith, Edon
 James Alfred Speck, Brook Park
 Don Edward Teubert, Marietta
 Jeanette Elaine Titus, Columbus
 Robert Mark Trask, Seven Hills
 Glenn Charles Trueb, Northport, N. Y.
 Donald Michael Vigh, Chagrin Falls
 Nancy Jean Weiss, Lyndhurst
 William Gerard Weiss, Lakewood
 Gregory James White, Arnold, Md.
 Ralph Louis Wightman, Avon Lake
 Kevin Jon Wilson, Grove City
 Nancy Lynn Wolfing, Toledo
 Lisa Marie Wynne, Columbus
 Nancy Lee Zath, North Olmsted
 Jeffrey Lynn Zurface, Washington C. H.
 Janet Mary Zwayer, Canal Winchester

James Allen Betts, Whipple
 Dennis Patrick Billmaier, Findlay
 Brenda Sue Boner, Shreve
 Michael Robert Brand, Toledo
 Brian DeWitt Breece, Delaware
 Eldon Dwight Brugger, Paris
 Ronald Liberato Carbone,
 Howard Beach, N. Y.
 Jeanne Kathryn Chuchran, Pittsburgh, Pa.
 Daniel Paul Cooper, Wooster
 Karen Louise Dall, Cleveland
 Richard Ralph Daniels, Fredericktown
 James Mitchell Davis, Bloomingdale
 Daryl Lynn Deitrich, Logansport, Ind.
 Louis Joseph DiGregory, Steubenville
 Stephen Gerard Doe, Maumee
 Eric Vaughan Dresback, Circleville
 Brian Kenneth Driscoll, Bay Village
 Susan Frances Dunn, Crestline
 Hazel May Eberhard, Clyde
 Christian Jacob Erb, Whipple
 Diana Lyn Ferich, Wooster
 Mark Julian Fischer, Wooster
 William Stevenson Foote, Atwater
 Olen Todd Friess, Jr., Perrysburg
 Vince Austin Frodl, Rootstown
 Melanie Marie Gasbarre, Richfield
 Jean Elizabeth Geib, Wooster
 Rebecca Maxine Gies, Bucyrus
 Douglas Lee Gillfillan, Grove City
 Gary Gene Grandstaff, Croton
 Patsy Sue Grieser, Archbold
 Martin Earl Hall, Sunbury
 Timothy Joe Hassinger, Ashland
 Paul Eugene Heilman, Kenton
 Robert Edward Herbert, Cincinnati
 Heidi Louise Hershberger, Wadsworth
 Beverly Jane Hillfinger, Whitehouse
 Scott Duane Hittle, Dresden
 Linda Horton, Mentor
 Arthur Ross Huffman, Kettering
 Robert Mark Huffman, Parkersburg, W. Va.
 James Edward Hurst, Jefferson
 Betsy Ann Ingersoll, Guyahoga Falls
 Frank Thomas Kachenko, Northfield Center
 Andrew Leonard Kanter, Massillon
 John Frederick Katterheinrich, Troy
 Randall Scott Kehres, New Washington
 Sandra Kay Kettering, Ashland
 Kathy Ann Kirkpatrick, Columbus
 Debra Lynn Kline, Homewood, Ill.
 Michael Cecil Lamancusa, Beloit
 Elizabeth Allison Lange, Mansfield
 Jeffrey Thomas Lee, Waynesburg
 Deborah Earline Linder, Norwalk
 Arden Ray Lingenhoel, Louisville
 Timothy Allen Loos, Okeana
 Thomas Lee Machamer, Akron
 Kenneth Paul Mahle, Celina
 Susan Carol Malz, Chagrin Falls
 Mark Edwin Martin, Circleville
 Steven Craig McPhee, Worthington
 Patrick Vincent McQuillan, Wooster
 William Henry Mead, VI, Pataskala
 Luke Edward Messenger, Toledo
 Dennis Wayne Meyer, Millbury
 Scott David Meyer, Cincinnati
 Duane Francis Mickle, Danville
 Stewart Wayne Mills, Findlay
 Kent Patrick Morgan, St. Clairsville
 Patrick Edward Nicholas, Akron
 Karen Kay Ogden, Kenton
 Diana Helga Paegle,
 Wappingers Falls, N. Y.
 Jerry Tom Panzner, Akron
 Gregory Alan Pheneger, Columbus

Candace Lynne Phillips, Canton
 Margaret Elizabeth Pierce, Newark
 Craig Thomas Powell, Fresno
 James Robert Ray, Salem
 Robert James Rea, Kingsville
 Lynn Marjorie Reitberger, Shadyside
 James Edward Rhoad, Norwalk
 John Jeffrey Ricks, Bay Village
 June Dobbins Robinson, Wooster
 Kurt Alan Rodhe, Millersburg
 Roy Dean Roller, Medway
 Dean Michael Rossman, Crestline
 Kimberly Ann Sante, Cleveland
 Ronald Louis Sauer, Wilmington
 David Timothy Scheiderer, Marysville
 Michael Otto Schmuck, Navarre
 Laura Anne Schultz, Cleveland
 Mary Karen Schwenger, Marlette, Mich.
 James Lee Sheets, Richwood
 David Glenn Shevel, Youngstown
 Daniel B. Siman, Spencer
 Karen Ann Smith, Lyndhurst
 Robert Leo Snoad, Jr., Toledo
 Pamela Sue Snyder, North Canton
 Lynn Marie Spalding, Mantua
 Laura Lisa Steele, Cincinnati
 Henry Alan Stern, Columbus
 Tedd David Stief, Upper Sandusky
 Lisa Ann Storie, New Philadelphia
 Barbara Sue Tharp, Uniontown
 William Barry Thompson, Steubenville
 Jane Ellen Thudium, Silver Lake
 Mary Ulyan, Willoughby Hills
 Gregory Alan Untied, Frazesburg
 David Kevin Vaughn, Kent
 Matthew John Wagner, Wooster
 Carl Wright Watkins, Maplewood
 David Marshall Watson, Old Fort
 Cynthia Joan Webber, Clyde
 John Russell Welling, Fresno
 Reed Matthew Westervelt, Westerville
 Roger Allen White, Wooster
 Guy Stuart Williams, Medway
 Thomas Raymond Wysocki,
 Indianapolis, Ind.
 David Michael Yoder, Alliance
 Steve Dean Yost, Columbus
 Joseph Charles Yourkiewicz, Elyria
 Janet Ellen Ziegler, Maumee

College of Dentistry

Dean: Charles L. Howell

Doctor of Dental Surgery

Marie Antonette Albano, Riverview, Mich.
 B.S. (Wayne State University)
 James Westervelt Albright, Webster, N.Y.
 B.S. (Baldwin-Wallace College)
 Keith James Alexander, Rocky River
 B.S.
 Stephen William Allen, Medina
 B.A. (University of New Hampshire)
 Jean Louise Arthur, North Syracuse, N. Y.
 B.S. (Syracuse University)
 Julius Charles Bader, Ashtabula
 B.A. (Miami University)

Agricultural Technical Institute—Wooster

Associate in Applied Science

Carl Hubbard Adams, Ft. Myers, Fla.
 Steven Douglas Agin, Cincinnati
 Robert Brian Armstrong, Southpoint
 Cecilia Marie Awroski, Garfield Heights
 Kathy Lynn Babson, Westlake
 Manette Ann Bare, Pataskala
 Jerome Bernard Barga, Rossburg
 Donald Lee Barnes, Avon Lake
 Chris Arlen Barnett, Mt. Gilead
 Christopher John Barrette, Salem
 Donald Rudolf Bartels, Solon
 Patricia Ann Bender, Columbus
 Richard Paul Benich, Jefferson
 Matthew Paul Bernd, Troy

James Matthew Baker, Syracuse, N. Y.
B.A. (Walsh College)

Richard Bernard Barry, Powell; B.S.

Daniel Robert Bartok, Adena
B.S.

Michael F. Baus, Wooster
B.S. (Bowling Green State University)

Denise P. Beilstein, Mansfield
B.A. (Kent State University)

Donald Edward Bellebaum, Hamilton
B.S. (Miami University)

John Bentel Bennet, Jr., Cincinnati
B.S.

Bryan William Berry, Cincinnati
B.S.

Pamela Sue Bevan, Rocky River
B.A. (Miami University)

John E. Bismark, Toledo
B.A. (University of Toledo)

Bradley Allan Blair, Columbus
B.S. (Ohio University)

James Eugene Breisch, Dayton
B.S. (Wright State University)

Bradley C. Brennecke, Cincinnati
A.S. (University of Cincinnati)

Philip Eugene Brown, Otway
B.A. (Asbury College)
M.Ed. (Xavier University)

Glenn Richard Burns, Marietta
B.S. (Ohio University)

David Graham Chesnut, Chillicothe
B.S.

Mark Louis Civin, Bellaire
B.S. (Ohio University)

Rhonda Slone Company, Plymouth
B.A.

David John Conover, Cincinnati
B.S. (University of Cincinnati)

Michael B. Cook, Toledo
B.A. (University of Toledo)

Mary Ellen Costanzo, North Olmsted
B.A. (University of Toledo)

Jodie Anne Coventry, Sylvania
B.A. (University of Toledo)

Douglas Grant Cramer, Sandusky
B.S. (Michigan State University)

Jane Ann Crock, Louisville
B.S. (Mount Union College)

James Robert Cryder, Jr., Cincinnati
B.S.

Richard James Davis, Alden, N. Y.
B.S. (Allegheny College)

Thomas George Davison, Youngstown
B.S. (Youngstown State University)

Charles H. Dean, Jr., Fairborn
B.S. (Wright State University)

Albert Paul DeChellis, Struthers
B.S. (University of Toledo)

Kathleen Conlon DiVito, Cincinnati
B.S. (Xavier University)

Joseph Anthony DiZinno, Highland Heights
B.S. (University of Notre Dame)

David Peter Dobrowski, Shaker Heights
B.A. (St. Louis University)

Stan Kevin Doty, Findlay
B.A.

Craig James Dowiatt, Mansfield
B.S. (Xavier University)

Nicholas Joseph Dundee, Ft. Myers, Fla.
B.A. (University of South Florida)

James Thomas Elkovitch, Auburn, N. Y.
B.S.

Steven Christopher Emrich, Worthington
B.S.

Douglas Brian Evans, McDonald
B.A. (Oberlin College)

David Joseph Farinacci, Stow
B.A. (Kent State University)

Robert Fredrich Faulkner, Miamisburg
B.S., M.S. (Ball State University)

Kurt Warren Ficker, Cincinnati
B.S. (University of Cincinnati)

Thomas George Fisher, Columbus
B.A. (University of North Carolina)

Thomas Michael Fitzsimmons,
Cheshire, Conn.
B.S. (University of Dayton)

Ronald James Flanigan, Cleveland
B.S.

Michael Robert Fountain, Mason
B.A. (University of Delaware)

Steven Charles Fox, Toledo
B.S. (Ohio University)

Larry Michael Frankiewicz, Elyria
B.S.

Harold Charles Franley, Jr., Jefferson
B.A. (Thiel College)

Mark Andrew Freeman, Sandusky
B.S.

Marc Terrence Fried, Lyndhurst
B.S. (John Carroll University)

Calvin Arthur Fritzsche, Dayton
B.A. (Loma Linda University)

Robert Earl Garrison, Jr., Lancaster
B.S. (Ohio University)

Jinda Jeanne Gottlieb, Livonia, Mich.
B.S. (University of Michigan)

Thomas Arthur Grabeman, Kettering
B.A. (Vanderbilt University)

Leslie Raymond Gresko, North Royalton
B.S. (Cleveland State University)

Neil Richard Gross, Brooklyn, N. Y.
B.S. (Brooklyn College)

Carl David Grosshandler, Zanesville
B.A.

Matthew Joseph Gruber, Columbus
B.A.

Alan Charles Gusching, Sidney
B.A. (University of Dayton)

Scott J. Hadaway, Elyria
B.S., B.A. (Bowling Green State
University)

Philip L. Hahn, Lakewood

John Joseph Haidet, Canton
B.A. (Kent State University)

David Hargett, Youngstown

Laurence Allen Harlan, Dayton
B.A. (Northwestern University)

Gregory Alan Hastings, Parma
B.A. (Case Western Reserve University)

Daniel Paul Heffernan, Columbus
B.A. (University of Notre Dame)

Thomas Hall Hermann, Hamilton
B.A. (Miami University)

Ronald Dale Hickerson, Cincinnati
B.S. (University of Cincinnati)

Richard Thomas Higham, Youngstown
B.S.

Stewart Allen Hinkley, Cambridge
B.S.

Dennis John Horvath, Painesville
B.S. (Bowling Green State University)

John Phillip Jenkins, West Chester
B.A. (Rutgers College)

Terry Lee Jobe, Galion
B.A. (Ohio Northern University)

Robert Carl Johnson, Jr., Youngstown
B.S. (Youngstown State University)

Daniel Ray Jones, Bellville
B.S. (University of Cincinnati)

Thomas Crawford Jones, Jackson
B.S.

G. William Keller, Columbiana
B.S.

Carole Jean Kelley, Columbus
B.S.

Patrick J. Kiggins, Dayton
B.S. (Wright State University)

Joel Richert Koch, Cincinnati
B.S. (University of Cincinnati)

Michael Anthony Koch, Columbus
B.A. (University of Dayton)

James Robert Kosydar, Columbus
B.S.

Timothy John Kraig, Parma
B.A. (Miami University)

Mark Kriwinsky, Beachwood
B.A. (Washington University, St. Louis,
Mo.)

JoAnn Loretta Kroeger, Cincinnati
B.S. (Xavier University)

Alan Nore Kuhre, Chagrin Falls
B.S.

Kim Ralph Kupper, Hamilton
B.S.

Michael David Kuzmik, Akron
B.S. (University of Akron)
B.S.

Brian Howard Kvitko, Twinsburg
B.A. (Case Western Reserve University)

James Michael Lalonde, Defiance
B.S.

Charles Elliot Latham, Toledo

Douglas Reid Leavitt, Cleveland
B.A. (University of Cincinnati)

Paul Michael Loper, Lorain
B.A. (Miami University)

Thomas Robert Maier, Cincinnati
B.A. (Miami University)

Joseph Michael Malys, Youngstown
B.S. (Youngstown State University)

Vincent Richard Mancuso, South Euclid
B.S. (Xavier University)

Craig Francis Mangie, Youngstown
B.S. (Westminster College)

Joseph Anthony Marchese, Jr., Columbus
B.A. (Miami University)

Alex W. Marks, Valley Stream, N. Y.
B.A. (Hobart)
M.M. (Ohio University)

David Lynn Martin, Waverly
B.S.

David Mason Mayberry, Barnesville
B.S. (Muskingum College)

Robert Louis McIntosh, Youngstown
B.A. (Miami University)

Mark David Mellman, Dayton
B.S.

Stephen Cristopher Mieli, Columbus
B.S.

David Keller Miller, Jr., Lancaster
B.S.

Larry Joseph Miller, Beachwood
B.A. (University of Cincinnati)

Mark Richard Miller, Columbus
B.S.

Stephen A. Miller, Asheville, N. C.
B.S. (University of Cincinnati)

Edward James Mistak, Berea
B.A. (Miami University)

Arthur Karl Molzan, Brecksville
B.A. (Ohio Wesleyan University)
M.S. (Cleveland State University)

Steve Allen Moore, Cincinnati
B.S.

William Edward Morisak, Norton

Michael Allen Musengo, Cleveland Heights
A.B. (Wittenberg University)

Lucille Nime, Canton
B.S.

Dennis James Nolan, Cleveland Heights
B.A. (University of Dayton)

Kenneth Louis Ogorzaly, Maple Heights
B.A. (Case Western Reserve University)

Marc Edward Ottenga, Zanesville
B.A.

Thomas Gerard Overmeyer, Defiance
B.S.

Timothy Ignatius Panzica, Lyndhurst
B.S. (University of Notre Dame)

Robert Eugene Parker, Kettering
B.A. (University of Dayton)

Paul Mark Pavloff, Cincinnati
B.S. (University of Cincinnati)

Dean Arthur Pfirman, Cincinnati
B.A.

Diana L. Phillips, Ashville
B.S. (Ohio University)

Thomas Arthur Phillips, Cincinnati
B.S. (University of Cincinnati)

Bradley Eugene Rausch, Dover
B.S.

Roger Edson Retherford, Westerville
B.A. (Otterbein College)

Jeffery Dillon Rhodenbaugh, Cincinnati
B.S. (Southern Methodist University)

John Edward Rhodes, Jr., Beaver Creek
B.S. (Wright State University)

John Adam Ritchie, Warren
B.A.

Joran Francis Rodriguez, London
B.S., M.S. (Wright State University)

Paul Joseph Rohrbach, North Royalton
B.A. (The College of Steubenville)

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B.A. (Case Western Reserve University)

James August Rotilie, Akron
B.S.

Larry Dale Rowland, Miamisburg
B.A. (DePauw University)

Fred Osamu Sakamoto, Tokyo, Japan
B.A.

Richard Edward Scheetz, Jr.,
New Middletown
B.S. (University of Notre Dame)

Helen Maria Schilling, Milwaukee, Wis.
B.S. (Gannon College)

Gregory Allen Schrupf, Upper Arlington
B.S.

Jean Anne Shelton, Columbus
B.A.

Daniel Michael Sheperd, West Unity
B.S. (Xavier University)

Tom Walden Siefert, Upper Arlington
B.A. (Miami University)

Steven Carl Sierschula, Dayton
B.S. (University of Cincinnati)
M.S. (Wright State University)

David Gregory Silk, Macedonia
B.S. (Mount Union College)

Allan Kenneth Simmons, Columbus
B.S. (University of Manitoba)

Timothy Eugene Simmons, Winfield, Kans.
B.S. (U.S. Air Force Academy)

Gordon James Smith, Skaneateles, N. Y.
B.A. (Lehigh University)

Timothy Lawrence Snyder, Dayton
B.S.
M.S. (Wright State University)

James Bernard Solon, Willoughby Hills
B.S. (Miami University)

Michael Spadafora, III,
Huntingdon Valley, Pa.
B.A., M.S. (University of Dayton)

Walter Stoll, Toledo
B.S., B.S. (University of Toledo)

David Michael Sullivan, Cincinnati
B.S. (Xavier University)
M.S. (Wright State University)

Ihor N. Suszko, Lorain
B.A., B.S. (University of Toledo)
B.S.

J. Thomas Targoss, Steubenville
B.S. (Xavier University)
M.S.

Rick Lee Terhune, Beavercreek
B.S.

Donald Warren Tilley, Paducah, Ky.
B.S. (Kent State University)

Robert Mark Tootle, Circleville
B.A. (Ohio Wesleyan University)

James Matthew Trapp, Hamilton
B.S.

Daniel R. Turnbull, Sylvania
B.A. (Indiana University)

Robert James Uhlin, Poland
B.S.

Richard Arthur Urbanek, Jr., Brunswick
B.S.

Robert Jacob VanWyck, Mayfield Heights
B.S.E.E. (Carnegie-Mellon University)

Robert Anthony Vieson, Cincinnati
B.S. (Xavier University)

David Martin Vieth, Walbridge
B.S. (Bowling Green State University)

Thomas Christopher Volck, Cincinnati
B.S. (Xavier University)

Steven Craig Walton, Columbus
B.A. (Ohio Wesleyan University)

Gregory Vernon Warnke,
Rock Springs, Wyo.

Paul Elwood Webb, Grove City
B.S.

John Thomas Webster, North Olmsted
B.S. (John Carroll University)

Jeffrey H. Weintrub, Cincinnati
B.S. (University of Cincinnati)

Rebecca Ann West, Canfield
B.S.

Charles Frederick Wheeler, Jr., Warren
B.A. (Hiram College)
B.S.

Jeffrey J. White, Northampton Township
B.S. (University of Akron)

Anthony John Winkel, Columbus
B.S. (Georgetown University)

Harry Paul Gerhard Woith,
Espelkamp, West Germany
A.S. (Cuyahoga Community College)
B.S. (Cleveland State University)

Thomas Franklin Woodruff, Clyde
B.A. (Kent State University)

Timothy John Yannone, North Canton
B.A.

Jeffrey Palmer Yoest, Westerville
B.A. (Otterbein College)

Harry Michael Yokum, III, West Jefferson
B.S.

Certificate of Graduate Dental Hygienist

Lois Ann Aerni, Findlay
Alisa Maris Basara, Campbell
Susan Maureen Berke, Cincinnati
Elyse Harriet Berman, Steubenville
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Donna Lee Dunsworth, Maple Heights
Robin Hope Earl, Dayton
Gay Elizabeth Early, Ostrander
Marla Beth Eberhardt, Shiloh
Cheryl Ann Enright, Mansfield
Janet Louise Feldhaus, Reading
Terri Lynn Firestone, Lyndhurst
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Patricia Ann Gardner, Uhrichsville
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Raegene Elizabeth Hiebel, Pickerington
Wendy Ellen Hunt, North Royalton
Maureen Theresa Hurley, Columbus
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Deborah Lynn Legg, Columbus
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Marlene LaVern London, Youngstown
Julianne Taylor Lundblad, Westerville

Suzanne Eileen Marque, Lancaster
Clorinda Jean Matro, Kettering
Janet Elaine McConnell, Columbus
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Lise Honabarger Meek, Coshocton
Natalie Jane Michael, Delphos
Holly Sue Montion, Swanton
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Lynne Beth Nobil, Akron
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Sherry Leigh Peterson, Dayton
Christine Marie Pfaff, Rocky River
Mary Catherine Poulos, Columbus
Molly Jo Preston, Newark
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Nancy Annette Rausch, Columbus
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Kathy Jan Schneider, Sugar Grove
Jane Elizabeth Schroeter, Fostoria
Barbara Ann Schwartz, Pittsburgh, Pa.
Eileen Suzanne Snider, Pickerington
Susan Marie Snyder, Whitehall
Jan Marie Suchecki, Kettering
Kathryn Marie Taylor, Swanton
Cathleen Jo Terhune, Beavercreek
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Diana Jean Treisch, Gallion
Karol Ann Vander Horst, Celina
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Carol Jean Weller, Bellbrook
Virginia N. Winchester, Columbus

Sherri Louise Bleichner, Laurel, Md.
Lois Faith Boggs, Columbia Station
Valerie Dawn Bohrer, St. Clairsville
Patricia Downey Bolt, Westerville
Vicky Ann Bostic, Columbus
Ann Elizabeth Bowers, Troy
Amy Jo Bowersox, Tiffin
Ann Dunlap Bower, Williamsport
Emilie Anne Brennan, Orrville
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Deborah Lynn Brookins, Columbus
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Mary Jean Brown, Cleveland
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Sylvia Kinney Brunswick, Grove City
Michael S. Buettner, Delphos
Mary Margaret Burghy, St. Clairsville
Karen Burney, Rocky River
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Sheryl Ann Buxton, Worthington
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Beverly J. Campbell, Steubenville
Brian Richard Carle, Rocky River
David William Carter, Garfield Heights
Kathryn Joan Carter, Sarahsville
David Brian Carwile, Worthington
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Sondra Kay Conley, Columbus
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College of Education

Dean: Robert A. Burnham

Bachelor of Science in Education

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Catherine Barrow, Columbus
Angela Jo Bartlow, Cincinnati
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Bert Lewis Becker, Cincinnati
Edith Arnsby Beers, Gallion
Christina Jane Belford, Columbus
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Joseph Earl Biggs, Columbus
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 Judy Ida Ellis, Waterloo, Ontario
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 Kent Layne Fallert, Gahanna
 Michael David Ferguson, Gahanna
 Emigrace Young Finnell, Frazeysburg
 Judith Kern Fisher, Galena
 Karen M. Fisk, Columbus
 Kevin Parker Fletcher, Columbus
 Martin Alan Flox, Columbus
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 St. George's, Bermuda
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 David Vincent Gebhart, Newark
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 Barbara Taylor Gerhardt, Mansfield
 Kim Gilbert, Oberlin
 Cindy M. Ginsberg, New City, N. Y.
 Derek Clayton Glendale, Columbus
 Karen Eve Glover, Jefferson
 Shelaine Marie Glover, Newark
 Connie Sue Goldstein, Westerville
 Gary Lee Goodchild, Columbus
 Christina Lynn Goodsir, Plymouth, Mich.
 William Thomas Gorey, Springfield
 Mary Josephine Grady, Columbus
 Marcia Ann Graham, Tiffin
 Holly Jo Grendahl, Fremont
 Sharon Renee Grindstaff, Mt. Vernon
 Robin Woodward Grove, Shelby
 Rita Shea Guffey, Heath
 Brenda Boyd Gulliford, Columbus
 Michael Jerome Gunn, East Cleveland
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 Parma Heights
 Luanne Kay Hacker, Columbus
 Rachel Jane Hackett, Columbus
 Timothy Scott Hackett, Columbus
 Kelly Ann Halter, Canton
 Robert Blair Hankins, Cincinnati
 Pamela Lee Harig, Naperville, Ill.
 Roy David Harlan, Steubenville
 Regina Cindy Hartmann,
 White Plains, N. Y.
 Patricia Collmer Haupt, Sarasota, Fla.
 Sharon Wynn Hauser, Lyndhurst
 Jenny Lee Haviland, Marion
 Laura Beatrice Hebert, Dayton
 Denise Diane Heifner, Shelby
 Elaine Ann Henderly, Lancaster
 Cynthia Ann Hendricks, Millagedville
 Teresa Lynne Henley, Barberton
 Kim Elizabeth Hickey, Ashland
 Nancy Thomas Himmer, Marion
 Daniel Franklin Hirschfeld, Westlake
 Steven Arthur Hitchens, Worthington
 Robert Lee Hocter, South Vienna
 Brenda Elizabeth Nye Hoke, Hilliard
 Karen Sue Hollern, Columbus
 Jay Scott Hollinger, Huntington, W. Va.
 Diane Theresa Holtzapfel, Ironton
 Elizabeth Ann Homer, Conneltsville, Pa.
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 Lorel Marie Hopkins, Columbus
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Karen Jill Hoskins, Columbus
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 C. Michelle Hughes, London
 Grace Edna Hughes, Columbus
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 Stephanie Ann Ihle, Youngstown
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 Diane Margaret Interrante, Lancaster, Pa.
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 Gregory Lee Johnson, Ridgeway
 Stanley Francis Johnson, Urbana
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 Kim Lenae Jordan, Columbus
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 Kaye Louise Kafer, Columbus
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 Sandy Jo Keller, Tiffin
 Jo Ann Marie Kennedy, Columbus
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 Sharon Anne Kiczek, North Olmsted
 Kerry Lynn Kimberly; B.A. (Ohio
 University), Westerville
 LuAnn Kinsey, East Liverpool
 Michael Raymond Kirwan, Bellevue
 Sharon Leslie Kitsmiller, Columbus
 Kathleen Jane Kline, Mansfield
 Thomas Harold Kline, Mansfield
 Patricia Jean Knoepfle, Dayton
 John Daniel Koehn, Norwalk
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 Julie Ann Korman, Mayfield Heights
 Leslie Lynette Koss, Mt. Perry
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 Linda Marie Lane, Norwalk
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 Pamela Mae Lanyon, Parkersburg, W. Va.
 Cynthia Ann Laschinger, North Olmsted
 Yvonne Corrine Lassen, Napoleon
 Bradford Charles Lautar, Columbus
 Brian Frank Lautar, Columbus
 David Edward Lawrence, Columbus
 Brenda Lee Layman, Ashland, Ky.
 Richard Allen Leath, Greenfield
 Brenda Kay Lehnhart, Lucas
 Dorretta Eileen Lenox, Columbus
 Patricia Ann Leupp, Stryker
 Jill Ann Lewin, Highland Park, Ill.
 Penny Joy Lewin, Highland Park, Ill.
 Brian Harry Lewis, Dublin
 Mindy Kay Liebert, University Heights
 Sharon Starr Liebschutz, Indianapolis, Ind.
 Carole Kwang Lin, Davis, Calif.
 Terri Lee Lind, London
 Melinda Jane Lindsay, North Lawrence
 Pamela Kay Long, Doylestown
 Michael Edward Lucas, Clayton
 Sherry Kay Luce, Marion
 Patricia Ann Lutes, Milford
 Howard Sol Mack, Cleveland
 Carmen Marie Madan, Columbus; M.A.
 (University of Grenoble)
 Martha Lou Mehnen, Toledo
 Susan Kennedy Malaska, Shelby
 Lisa Ann Malloy, Columbus

Daniel Louis Maloney, Pittsburgh, Pa.
 Scott Mitchell Mandel, Columbus
 Alana Goldie Marietta, Newark
 Margaret Elita Marshall, Reynoldsburg
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 Tom Dean Martin, Frazeysburg
 Marcia Lynn Mauter, Newark
 Mary Kathleen May, Worthington
 Patricia Ann McAllister, Centerville
 Candace Lee McCandlish, New Concord
 Marian McCaslin, Sullivan
 Laurie Kay McCauley, Akron
 Charles Mark McDaniel, Newark
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 LaWanna Kay McGough, Hicksville
 Gale Ann McGovern, Jeromesville
 Rebecca Jo McKinney, Columbus
 Linda Lou McLain, Besley
 Elizabeth Ann McMahon, Gallipolis
 Rodney Gerard McNair, Sudbury, Ontario
 Johanna Y. Meara, Worthington
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 Margaret Mary Snyder Mellor, Edison
 John Frederick Mertes, III, Canton
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 Margaret Elizabeth Miller, Hilliard
 Sharla Patten Miller, Newark
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 Julie Holmes Myers, Columbus
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 Reynoldsburg
 Philip Donald Offenbacher, Columbus
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 Tina Chapman Olcott, Columbus
 Patricia Louise Orvut, Pioneer
 Cindy Meta Ott, Central, S. C.
 Nancy Ann Paporadis, Salem
 Pamela Joy Pastor, Golfmanor
 Pamela Ann Pehr, Sandia Park, N. M.
 Linda Greer Perkins, Mansfield
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 Sarah McLean Pieksen, Lunenburg, Mass.
 Laurie Lee Pirtle, Columbus
 Diane E. Pollard, Loudonville
 Elizabeth Ann Pomeroy, Mentor
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 Brenda Sue Powell, Mansfield
 Mark Eugene Powell, Canton
 Teresa Eileen Prunce, Dover
 Diane Leah Prunty, Barrackville, W. Va.
 Marigo Psillas, Cincinnati
 Nancy Lynn Puffenberger, Bryan
 Lee Ann Purcell, Kenton
 Bonnie Sue Purdy, Columbus
 Kendra Lynn Quellhorst, New Bremen
 Jeri Lynn Quinn, Grove City
 Jeraldine Veronica Rabb, Highland Heights
 Tamara Yoho Raines, Thornville
 Matthew Byer Ralston, Garner, N. C.
 Richard Alan Rantilla, Newton Falls
 Sherry Renae Rapp, Granville
 Joyce Boyd Ray, Marengo
 Patricia Ann Reeder, Mentor
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 Rozella Cynthia Reinbolt, Gibsonburg
 David Wayne Rice, Hilliard
 Rebecca Jane Rickard, Seville
 Sherry Nance Riley, Findlay
 Beth Rineard, Columbus
 Nancy Jo Rinehart, Waldo
 Janette Sue Ritzler, Dayton
 Mindy Jo Roberts, Columbus
 Susan Beth Remnick Robinson, Columbus
 Jennifer M. Rolo, Lima
 Jud Benjamin Ross, New Albany
 Leslie Jane Rotatori, Mayfield Heights
 Teresa Ellen Rubadue, Columbus
 John Edward Ruch, Wadsworth
 Carolyn Amy Rutchik, Columbus
 Sandra Sue Sacks, East Brunswick, N. J.
 Jayne Ellen Sage, Chardon
 Karen Sanders, Dublin
 John Michael Schanberger,
 Colorado Springs, Colo.
 Kim Kelli Schmidt, Columbus
 Theresa Ann Schmitt, Hamilton
 Brenda Joan Schroeder, Leipsic
 Lisa Ann Scopel, Crestline
 Thomas S. Sestito, Columbus
 Jeffrey Jay Shaw, Bluffton
 Shawn Ann Sherman, Mansfield
 Melinda Jane Shimrock, Columbus
 Sue Ann Shively, Columbus
 Sara Ann Sibila, Massillon
 Tina Louise Siddle, Columbus
 Kelly Ann Siron, Springfield
 Muretta Strohecker Six, Columbus
 Gretchen Louise Slagle, Tipp City
 Rex Michael Slaughter, Columbus
 Catherine June Sleeper, Zanesville
 Susan Koerner Slesman, Edgerton
 James Monroe Slone, Columbus
 Connie Lynn Smith, Cridersville
 Richard Gordon Smith, Vienna, Va.
 Jeffrey John Smolewski, Pickerington
 Cynthia Lee Snavely, Bucyrus
 Hallie Lynn Snyder, Lima
 Nancy Lynn Spracklen, Xenia
 Elizabeth Ellen Sprowls, Medina
 Tamara Ann Squire, Defiance
 Joseph Louis Stein, Canton
 Jennifer Elaine Stepp, Deshler
 Joyce Elaine Stevens, Columbus
 Martha Gail Surface, West Chester
 Gailya Patrice Sutton, Lima
 Mary Jewett Swartz, Columbus
 Melody Kimmel Swiger, New London
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 Cynthia Renee Tays, Columbus
 Christine Anne Tender, Lorain
 Donald Lee Thomas, Columbus
 Karen Lynn Thomas, Gallipolis
 Loretta Joann Thomas, Belle Valley
 Stephen Bernard Thomas, Columbus
 Ann Elizabeth Thompson, Coshocton
 Joan Marie Thornton, Willard
 Maria Elena Tiberi, Columbus
 Jon Mark Tisone, Youngstown
 Pamela Lynn Tomlinson, Vandalia
 Shelley Sue Turf, Columbus
 Jeffrey Fred Turner, Columbus
 Thomas Edward Turner, Dayton
 Christine Ellen Turskey, Massillon
 Karen Jean Uher, Fresno
 Virginia Ann Vercoe, Worthington
 Jean Ritchie Vipperman, Mansfield
 Elaine Beth Voorhis, Mason
 Nancy Ann Waggoner, Ashland
 Beth Ann Waters, Columbus
 Elizabeth Anne Walters, Dublin
 Susan Lynn Walton, Columbus
 Nancy Ellen Ward, Portsmouth, N. H.
 Tracie Jo Weller, Fredericktown

Cynthia Ann Wendler, Fremont
 Thomas Henry Wendt, Monroeville
 Karen Lynn Wertz, Columbus
 Herbert Lewis Wiard, Pickerington
 Kevin Robert Wicktora, Brook Park
 Nancy Ruth Williams, Ramsey, N. J.
 Linda Sue Wilson, Columbus
 Scott Edward Wilson, Heath
 Susan Ellen Wilson, Caledonia
 Sharon Kay Wise, North Canton
 Lisa Ann Witter, Findlay
 Cynthia Wynn Wittine, Columbus
 Nancy Lynn Wolfing, Toledo
 William James Wolford, Columbus
 Laurel Ann Woodward, Columbus
 Charles William Wright, Lorain
 Karen Denise Wyman, Powell
 Lisa D. Yorke, Canonsburg, Pa.
 Christopher G. Zag, Columbus
 Deborah Justine Zelenak, Brook Park
 Steven Wayne Zerkel, Celina
 Debra Lea Ziegler, Sandusky

**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
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College of Engineering

Dean: Donald D. Glower

Bachelor of Science in Aeronautical and Astronautical Engineering

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 South Plainfield, N. J.
 Diana Beth Cox, Toledo
 Thomas J. Delash, Chalfont, Pa.
 Isaac Davis Harris, Columbus
 Thomas Edward Herrick, Toronto
 Philip Arthur Hill, Urbana
 Carl Joseph Kennedy, Springfield
 Frederick W. Lacy, Athens
 William Ray Little, Warren
 Tim James Logan, Timberlake
 Robert Michael Newton, Pittsburgh, Pa.
 Lee Ayers Weider, Alliance
 Roseann Wozniak, Northfield

Bachelor of Science in Agricultural Engineering

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 Patrick Michael Altwater, Upper Sandusky
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 Ferrysburg
 Eric David Desmond, McCutchenville
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 Mark Allen Flick, Bluffton
 Kenneth Wesley Hummel, Austinburg
 Kent Ernest Logan, Mt. Gilead
 Robert Wayne Spengler, Bloomingburg

Bachelor of Science in Ceramic Engineering

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 Scott Howard Barnhouse, East Liverpool
 Michael Edward Callahan, Somerset
 Patrick Joseph Callahan, Somerset

Christopher Craig Flynn, Roseville
 Kenneth Bruce Foy, Cincinnati
 Janet Bertlynn Hurst, Delaware
 Valerie J. Johns, Whitehall
 Timothy Allen Powers, Perrysburg
 Timothy Brian Raser, Tipp City
 Gregory Wayne Shaffer, Bolivar
 Joseph Michael Staller, Canton
 William Ralph Wagstaff, Zanesville
 Ralph Philip Zucker, University Heights

Bachelor of Science in Chemical Engineering

Ralph John Antone, Utica, N. Y.
 Lani Lopezllera Bell, Columbus
 Jeffrey Ralph Brown, Columbus
 Carol Ann Bur, Mansfield
 Frederick Tyson Clark, Cincinnati
 Peter Scott Clark, Mansfield
 Gary Steven Datsko, Alliance
 Bruce Roger DeBruin, Circleville
 Michael Paul Dranschak, Marion
 Paul Thomas Dubetz, Ravenna
 Fred David Ehrman, New Albany
 Matthew James Galosi, Cincinnati
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 Walter Andrew Hansen, Akron
 William Allen Jones, Columbus
 Kyle Elizabeth Kennedy, Hilliard
 Joseph Edward Legenza, Mansfield
 Richard Lee Mayer, Columbus
 Larry Michael Miller, Wheelersburg
 Michael Moore, Columbus
 Laura Lee Murphy, New Philadelphia
 David Mark Pentenburg, Lima
 Sanford Lenn Phillips, Columbus
 Christine Ann Proctor, East Liverpool
 Gary Robert Frock, North Olmsted
 Stephen Robert Reiling, Chardon
 James Nels Rigano, Kettering
 Cynthia Ann Scheetz, Heath
 Susan Ann Sferra, Steubenville
 Jeffrey Lee Shifflette, Kent
 Gary Dale Shives, Orient
 Ellen Mae Silva, Medina
 Arlene Ann Simon, Milford
 Debra Sue Simpson, Columbus
 Timothy Leigh Strickler, Powell
 Wayne Gordon Stuber, Amherst
 Charles William Theuring, Jr., Cincinnati
 Jim Youchih Tou, Columbus
 David George Vutetakis, Canton
 Mark Robert Warfield, Columbus
 Mark Joseph Zeto, Columbus
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 Ronald Richard Zitzman, Toledo

Bachelor of Science in Civil Engineering

Douglas Roy Berlekamp, Tiffin
 John Robert Bogart, Columbus
 Michael Brian Calvin, Canfield
 Paula Jean Childs, North Olmsted
 Douglas Carl Dreher, Strasburg
 Jay Corliss Evans, Cincinnati

Susan Eleanor Forchheimer, Gahanna
Jeffrey Thomas Gruber, Columbus
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Timothy Paul Jennewine, Xenia
Jeffrey Richard Ketteler, Monroe
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Jon Wilhelm Kolp, North Canton
Brian Andrew Lawler, Highland Heights
Robert Louis Martino, Lorain
Joel Warren Massman, Deshler
Bret Lindsay McLean, Niles
Stephen Edgar Morris, Springboro
Gerald Edward Mudd, Akron
Sidney M. Robbins, Norwalk
Felix Francisco Rodriguez,
Barquisimeto, Venezuela
William David Schlarb, West Lafayette
Brian Lee Schmidt, Worthington
Jerome John Schwartz, Bethel Park, Pa.
Thomas Joseph Sheeran, Troy, N. Y.
Kurt Evan Shelley, Uhrichsville
John Oliver Smith, Lima
Mark Stephens Stephenoff, Wadsworth
Karl Edwin Suter, Stow
Mohammed Tahari, Algiers
Ahmet Turkoglu, Columbus
Christopher James Turner, Maumee
Mark Allen Wigginton, Whitehall
Harry Eugene Winfrey, Mansfield

Bachelor of Science in Computer and Information Science

Danny Steven Dimitrovski, Columbus
Douglas Brian Donohue, Columbus
George H. Gates, III, Columbus
Keith Gordon Gruber, Parma
Michael Marc Hamlon, Berea
Thomas Charles Hatlich, Reynoldsburg
Dennis Wade LaRue, Somerset
Mark Richard Layman, Lancaster
Kevin Edward Moynihan, Lowell
Harold Ernst Priller, Parma

Bachelor of Science in Electrical Engineering

David L. Augenstein, Columbus
Blaine Allen Baker, Heath
Gwyneth Joaquina Benn, Columbus
Kenneth Steven Bobick, Broadview Heights
John Edward Bollinger, Akron
Charles Stephen Bowman, Reynoldsburg
James Michael Brohard, Westerville
Michael Lynn Brooks, Dayton
James David Broenahan, Columbus
Barry Wayne Brown, Columbus
Patrick Charles Brown, Marion
Keith Alan Christianson, Columbus
Debbie Ann Cree, Worthington
William Robert Dempwolf, Cincinnati
John Aurel Dragos, Pittsburgh, Pa.
Martha Ann Dunn, Trumbull, Conn.
Thomas Joseph Galica, Middleburg Heights
James Thomas Goines, Mentor
Joseph Anthony Grasso, II, Kettering
William Conrad Hallowell, Columbus
Scott Haven Hammond, McConneville
Michael Marc Hamlon, Berea
Daniel Nelson Heer, Columbus
Steven Rhnes Johns, Columbus
Steven George Jorgensen, Oxford
John Bristor Keagler, Columbus
Tze Wing Keung, Kowloon, Hong Kong

Rene Knafo, Columbus
Gregory Dean Kochendorfer, Kettering
Paul Walter Kollaritsch, Columbus
Daniel Allen Kramer, Hilliard
David Allen Ksienski, Columbus
Keith Andrew Lane, Cincinnati
Chong Suh Lee, Columbus
Paul James Lemmon, Oak Harbor
Sandra Kay Lockhart, Columbus
Russell Stuart Long, Mansfield
Joseph Michael Mackin, Columbus
Martin Francis Mayock, Euclid
Kevin Patrick McCarthy, Toledo
Edward Crockett McKenzie, Jackson
Edwin Ray McNeese, Jr., Columbus
Gerald William Meyer, Bellvue
Jeffrey Craig Miller, Malvern, Pa.
William Jeffrey Mohrman, Wellington
William August Muggle, Kettering
Norbert Nichols, Columbus
Abdul Kasim Nusairat, Al-Husn, Jordan
Timothy Mark Rees, Columbus
Albert R. Regal, Jr., Columbus
William Jennings Rodgers, Canton
Willard Frederick Sayre, Bowerston
Robert Bruce Scurlock, Parma Heights
Edward Lee Swarthout, Columbus
Michael Lonsway Thurn, North Royalton
Philip Gerard Verhoff, Cridersville
Thomas Ryan Vermillion, Wheeling, W. Va.
William Jay Vocial, East Liverpool
Ronald Richard Wantuck, Amherst
Thomas John Weber, Newcomerstown
Mark Eric Williams, Toledo

Bachelor of Science in Engineering Physics

Steven Ross Lampman, Rocky River
Glen Ellis Orett, Worthington
Lawrence John Rybarczyk, Elyria
David Kevin Temple, Marion
John Russell Wiseman, Stow

Industrial Engineer

Sedigheh Parivash Jannati, Tehran, Iran
Afeef Hassan Makkawi, Sidon, Lebanon

Bachelor of Science in Industrial and Systems Engineering

Thomas Lawrence Adams, Worthington
Landen Coleman Bain, Columbus
Annette Branham, Clyde
Joseph Wilson Davidson, Westlake
Judith Alice Domanski, Carnegie, Pa.
Susan Eileen Dugan, Worthington
Donald Levon Hamparian, Columbus
Robert Eddy Harman, Worthington
William Victor Hostetler, Wakeman
Wayne Anthony Kiser, Columbus
David Ernest Kish, Middleburg Heights
Bruce Edward Krahl, Columbus
David Alan Lauzau, Strongsville
Steven Fredrick Lehwald, Columbus
Thomas James Lorman, Mentor
Gregory Michael Lundberg, Ashville
Nancy Jane McLean, Canton
John Stuart McLurg, Marysville

Hugh David Musselwhite, Powhatan Point
Ellen Ai Nee, North Olmsted
Jeffrey Ray Ota, Lockey
Christopher John Picone, Solon
Joseph Milo Sanda, Westlake
Bryan Joseph Seekely, Cleveland Heights
Douglas Donald Sink, Findlay
David Eric Tatman, Columbiana
Louis David Thomas, Canton
Karl Joseph Weidner, Columbus

Mechanical Engineer

Rodger Allen Herbst, Columbus

Bachelor of Science in Mechanical Engineering

Roy Harold Amacher, Euclid
Timothy Patrick Axe, St. Marys
Stephen Rory Blozis, Columbus
Clifton Randolph Boggs, Springfield
Bret Lloyd Boman, Encinitas, Calif.
David George Bouton, Akron
William Frederick Boyee, Girard
Floyd Brush Bradley, Jr., Dublin
Victor McCabe Cooley, Galion
Charles Lee Denniston, Columbus
Thomas Michael Draus, Rossford
Earl William Duck, San Antonio, Tex.
Douglas Michael Farley, Avon Lake
Glenn Alan Fink, Adams Mills
Victor Jay Flinger, Navarre
James David Forno, Verona, Pa.
Bryan Thomas Fox, Parma Heights
Michael John Gaw, Columbus
Farhad Ghavami, Columbus
Douglas Joseph Gibson, Iowa City, Ia.
John Neilen Glidewell, Fairborn
Scott Stuart Gregory, Bay Village
Edward John Gue, North Olmsted
Mark Allen Hahn, Columbus
Gary Wayne Jackson,
Berkeley Springs, W. Va.
Russell Casimer Jezeski, Parma
Robert Patrick Kennedy,
Hilton Head Island, S. C.
John Louis Knepple, Newton
Michael Kolic, Columbus
Terry George Kosmatka, Bellefontaine
Daniel John Lachowyn, Norwalk
James Carl Lieb, Norton
Mark Allen Line, Arlington
Robert Earl Lovenshimer, Columbus
Gregory Allan McMahon, Columbus
Charles Randall Miller, Maumee
Thomas Carl Moenter, Pemberville
Thomas Patrick Nash, Colts Neck, N. J.
Beth Ann Novak, Columbus
Kenneth Alan Patterson, Westwood, N. J.
David John Ritchey, Clyde
Thomas Sailer, Grove City
Alan Eugene Sigler, Mansfield
Richard Alan Slesman, Edgerton
Roger Edwin Stout, Urbana
Patricia Joseph Suniewick, Monroeville, Pa.
Rita Lynn Tracy, Columbus
Kenneth John Weibel, Columbus

Bachelor of Science in Metallurgical Engineering

Valerie Susan Ballot, Columbus
William James Bendel, III, Franklin
Ruth Christine Buzek, Strongsville
Keith Alan Christianson, Columbus

Kathleen Susan Cox, Columbus
Denise Marie Gee, Wellston
Douglas Kester King, Canton
Dixon Gustavo Mejia Garcia,
Maracaibo, Venezuela
Angel Rafael Molina Garcia,
Caracas, Venezuela
Hendy Rafael Montiel Arguello,
Maracaibo, Venezuela
Mark Lynn Overmyer, Lindsey
Scott Allen Quillin, Millersburg
Jon Kevin Resch, Columbus
Robert Lawrence Roberts, Jr., Piqua
Richard William Sillanpa, Painesville

Bachelor of Science in Mining Engineering

Timothy James Culp, Alliance
Joseph Darrell Fodo, Seven Hills
William Lustig Johnston, Zanesville

Bachelor of Science in Surveying

Jay Corliss Evans, Cincinnati
Peter Arden Ropp, Cincinnati
Michael Harry Szlauko, Fairview Park

Bachelor of Science in Welding Engineering

Steven Edward Barhorst, Anna
Thomas Michael Belt, Morristown
Douglas Charles Boes, Defiance
Randall Ray Counselman, Tiffin
Evan Frederic Dalasta, Lyndhurst
Douglas Paul Fairchild, Columbus
Brian David Farnsworth, East Liverpool
Dave Forest Faron, Lowell
Michael David Goshorn, Worthington
Bruce Fletcher Gregory, South Euclid
John Michael Gruber, Verbank, N. Y.
Donald Owen Holte, Cincinnati
Thomas Richard Hudson, Salem, Mass.
Robert Calvin Jewell, North Canton
James Jeffrey Moore, Mount Gilead
Michael Hilary Novak, Worthington
William Allen Sauter, Provo, Ut.
Brian Lowell Smith, Mentor
Thomas Brent Valentine, Gallipolis

School of Architecture

Bachelor of Science in Architecture

Gary James Alexander, Columbus
Grace Helen Balaban, Rosedale, N. Y.
Arthur Michael Balourdas, Rocky River
Robert Edward Bates, Harrison
Stuart Martin Berger, Columbus
Gregory Bruce Bills, Centerville
Laszlo Biris, Columbus
Robert Wayne Blatchford, Cleveland
William Carl Burchford, Columbus
Steven Robert Cardwell, Marion
Paul Francis Carr, Warwick, R. I.
Vincent Victor Catalano, New Bremen
Joseph Allan Chalkin,
Hamilton, Ontario, Canada
John Richard Christensen, Rocky River

Douglas Christopher Circosta, Spadyside
Jeffrey Alan Cole, Hudson
Robert Alan Collins, Dayton
Julia Cousins, University Heights
David Alan Crawford, Canal Fulton
Thomas Wayne Darnall, Findlay
Kimberly Sue Devlin, Bellbrook
Mark Peter Ehret, North Canton
Brad Anthony Erdy, Columbus
Randall Allen Fischer, Bucyrus
William Ray Fisher, East Sparta
Luis Rafael Gil, Caracas, Venezuela
Dean Robert Gledhill, Galion
Roy Lynn Gunsolus, Tonawanda, N. Y.
Quin Joe Hagerty, Port Clinton
Sharon Jaye Harlamert, Piqua
Brett Martin Hendricks, Youngstown
Robert Allen Jarc, Eastlake
Albert Doosoon Kim, Copley
David Brice Larson, Columbus
Robert Donald Leonard, South Amherst
Yair Jack Marcus, Tel-Aviv, Israel
Edward Evans McCall, Urbana
Edward Lowell McMillen, Worthington
Mark Donald Nosky, Depew, N. Y.
Marcos J. Novak, Columbus
Harvey Offer, Cleveland Heights
Jeffrey Boone Purvis, Worthington
Michelle Veronique Quesada, Columbus
David Alan Quinn, Phillipsburg, N. J.
Terry Paul Rookard, Boston, Mass.
Richard M. Rudman, Port Reading, N. J.
Dean Thomas Santoferraro, Akron
Gregory Gerard Schon, Cincinnati
Richard William Schuenger, Parma Heights
Laurie Ann Schwab, Port Huron, Mich.
Kim Louise Shelley, Uhrichsville
Randal Alan Slane, Columbus
Fred Rhodes Smith, Gahanna
Thomas Lynn Stever, Columbus
John Parker Stuart, Cleveland Heights
Mohamad Vaghei, Tehran, Iran
Richard Alfred Wandschneider, Columbus
Alan Jon Warner, Galloway
Joan Mary Yanchewski, Marlboro, Mass.
Brian Lee Zingelmann, Columbus

Bachelor of Science in Landscape Architecture

Pier Maria Alonso, Lancaster
Sieglinde Barthmus Anderson, Columbus
Richard Keith Ansley, Columbus
David Robert Beadle, Euclid
Jeanette Arlene Behrends, Dublin
Charles Anthony Bell, Kettering
Valerie Ann Blane, New Bremen
John Allen Botelho, Columbus
Amy Lucretia Boyd, Columbus
James Mark Burton, Clarion, Pa.
Edward Chandler Cassidy, Canton
Bruce William Cook, Manchester, Mass.
Mark Charles Culichia, Youngstown
Robert Brent Dennis, Edgerton
Thomas Bidwell DeWitt, Akron
Robert Karl Esselburn, Jr., Zanesville
James Alan Eyre, Akron
Kathleen Marie Fox, Dayton
Gregory Allen Frink, Columbus
Mark William Furlong, Mansfield
Paul Scott Gibson, Hudson
Gerald Ferguson Glaspie, Cincinnati
William F. Hengelsberg, Pittsburgh, Pa.
Mary Elizabeth Hopley, Cincinnati
Jeffrey Scott Howard, Columbus
Randal Lee Kamban, New Philadelphia
Joseph Michael Laneve, Dayton

Vicki Ilene Mynhier, Reynoldsburg
Michael Rhine Naylor, Columbus
Leonard Vincent Filliere, Barberton
Nora Jean Rezabek, Macedonia
Thomas Deane Ritchie, Lima
Randal Scott Romie, Dayton
Timothy Scott Schmalenberger,
Coral Gables, Fla.
Edgar Frank Smalley, Celina
Stephen Albert Smith, Cincinnati
Richard Al Thielen, Toledo
Anthony Carl Vinco, Columbus
Michael Leonard West, Columbus
Sharon Kay Wetzel, Germantown

College of Law

Dean: James E. Meeks

Juris Doctor

Luis Manuel Alcalde, Columbus
B.A.
Michael David Allen, Cridersville
B.A. (Northwestern University)
Martha Graves Althausser, Worthington
B.S.Ed.
Donald Lee Anspaugh, Marion
B.A. (Bowling Green State University)
James Francis App, Parma
B.A. (Kent State University)
Roberta Antonio Arias, Miami, Fla.
B.A. (Florida International University)
Steven Robert Bartram, Ashland, Ky.
B.S.Bus.Adm. (West Virginia University)
Roland Humphreys Bauer, Hudson
B.A. (Wake Forest University)
Barbara Ann Belville, Delaware
B.A. (Ohio Wesleyan University)
Marshall Alton Bennett, Jr., Toledo
B.A. (University of Toledo)
Marc Jay Bernstein, Plymouth Meeting, Pa.
B.A. (University of Delaware)
Beth Broidy Black, Columbus
B.S., M.A.
Donna Marianne Brower Blair, Columbus
B.A. (DePauw University)
Susanne Renate Blatt, Columbus
B.S. (Douglas College);
M.A.
Theodore Samuel Bloom, Columbus
B.A. (Boston University)
Kenneth Ray Boggs, Columbus
B.A. (Ohio University)
Charles Clifford Boucherle, Youngstown
B.S. (Youngstown State University)
Martha Elizabeth Boyce, Columbus
A.B. (Ohio University)
Melanie Cavendish Braithwaite, Columbus
B.A.
Shirley Bernadette Brown, Brooklyn, N. Y.
B.S. (Brooklyn College of The City
University of New York)

John Frank Burkhard, Elyria
B.A. (Denison University)

James William Burley, Wallingford, Pa.
B.A. (Bowling Green State University)

Vera Mary Callahan, Albuquerque, N. Mex.
B.A. (Wright State University)

Christopher C. Carr, Needham, Mass.
A.B. (Ripon College)

Herman A. Carson, Coolville
B.A. (Ohio Northern University)

Michael Manuel Castro, Garfield Heights
B.S.Bus.Adm. (Bowling Green State University)

David Wiley Coleman, Columbus
B.A. (Pomona College)

Cheryl Lynne Connelly, Huntington, W. Va.
B.S. (University of Iowa)

David Keith Conrad, Hamilton
B.A. (Kenyon College)

Daniel William Costello, Brooklyn, N. Y.
B.A. (Xavier University)

Anne Daley Cramer, Worthington
B.A.

Stephen P. Dailey, Columbus
B.A.

Douglas Aian Daley, Lima
B.S. (University of Notre Dame)

Karen Sue Darby, Columbus
B.A. (Capital University)

James Edward Davidson, Cedar Rapids, Ia.
B.A. (Northwestern University)

Richard Davies, Mentor
B.A. (College of Wooster)

Bradley Mark Davis, Dayton
B.A. (Bowling Green State University)

Donald R. Davis, Grambling, La.
B.A. (University of Kansas)

Thomas Eugene DeBrosse, Dayton
B.S.
M.B.A. (University of Minnesota)

Thomas Patrick Dickerson, Powell
A.B. (Ohio University)

David Reid Dillon, South Point
A.B. (Marshall University)

Douglas Allen Dimond, Cincinnati
B.A. (University of Cincinnati)

Kevin Patrick Durkin, Youngstown
B.A. (Youngstown State University)

Janet Kathryn Dyar, Marietta
B.A. (Marietta College)

Deborah Ruth Pitluk Ecker, Beachwood
B.A. (Northwestern University)

Theodore Robert Essex, Athens
B.A. (Miami University)

Stephen Paul Eyen, Cambridge
A.B. (Harvard University)

William Edward Fister, Cincinnati
B.S. (Xavier University)

Matthew James Foster, Pandora
B.A. (Ohio Northern University)

Alice Helen Fraenkel, Columbus
A.B. (Barnard College);
M.S., Ph.D.

James Joseph Frasca, Columbus
B.A.

Lisa Sullivan Gallant, Columbus
B.A.

Rachel Elon Ramsey Geiersbach, Columbus
B.A. (Anderson College)

Joan Marie Gibb, Columbus
B.A.

Lynda Kerzic Given, Cleveland
B.A. (Miami University)

Glen Louis Glenn, Cincinnati
B.A. (Xavier University)

Jeffrey Robert Goldsmith, Columbus
B.A.

Eileen Sue Goodin, Canton
B.A. (Kent State University)

Clay Powelson Graham, Nashport
B.A. (Denison University)

Thayne David Gray, Wilmington
B.A. (DePauw University)

Robert Jeffrey Harris, New Philadelphia
B.A. (Ohio Wesleyan University)

Ronda Joellyn Hartman, Dublin
B.S.

Colin Keith Hatch, Columbus
B.S.

Susan Cynthia Hayest, Columbus
B.A.

Jeffrey Lloyd Hayman, Steubenville
B.A.

Douglas G. Haynam, Youngstown
B.S. (Miami University)

Richard James Helber, Columbus
B.A.

Paula Sue Hidy, Columbus
A.B. (Ohio University)

William Dean Holt, Frazeysburg
B.S.Ed. (Ohio University)

Laurene Helen Horiszny, Lansing, Mich.
B.A. (Michigan State University)

Thomas Melvin Huber, Pitman, N. J.
B.A. (College of William and Mary)

Fordham Eric Huffman, Hilliard
B.A.

Sherrie Passmore Hummel, Gahanna
B.A. (Capital University)

Judy Klein Hunt, Louisville, Ky.
B.A. (University of Kentucky)

Pamela Sue Iddings, Troy
A.B. (Indiana University)

Carley Jean Ingram, Columbus
B.S.S.W.

Louis Alan Isakoff, Cleveland
B.A. (Miami University)

Richard Emory Jacobs, Lakewood
B.S.

Timothy Charles James, Delaware
B.A. (Miami University)

Gregory Keith Johnson, Cincinnati
B.A.

Michael Duane Juhola, Ashtabula
B.A. (Hiram College)

Clyde Conley Kahl, Mt. Vernon
A.B. (Cornell University)

David Lee Keister, Columbus
B.S. (Ohio University)

Mary Josephine Kilroy, Cleveland
B.A. (Cleveland State University)

William Joseph Kirby, Columbus
B.A. (Kenyon College)

Paul Ignatius Kolaric, Cleveland
B.A.

Kim Robin Kolb, Pittsburgh, Pa.
B.A. (Miami University)

Glenn Scott Krassen, Cleveland
B.A. (George Washington University)

Darrolyn Church Krippel, Columbus
B.A.

Susanne Elizabeth Kussrow, Columbus
B.A. (Wittenberg University)

Charles Scott Lanz, Youngstown
B.A. (Louisiana State University)

William Scott Lavelle, Athens
B.S.J. (Ohio University)

John Morrill Lichtenberg, Columbus
B.A. (Michigan State University)

Carol Perritt Lindstrom, Athens
B.A. (Winthrop College)

Carol Ann Mackey, Mt. Victory
B.A.

Richard Scott MacMillan, Sylvania
B.S.E.E. (Purdue University)

John Patrick Mahaffey, Chillicothe
B.A. (Miami University);
M.A.

Diane Duemmel Mallory, Columbus
B.A.

Craig Robert Mayton, Worthington
B.A. (University of Maryland)

Frederick Meister, Columbus
B.S., M.A.

Betty Louise Melragon, Columbus
B.S. (State University of New York at Albany); M.A., Ph.D.

Carolyn Shaffer Melvin, Columbus
B.A. (Dickinson College)

Joseph William Merry, Zanesville
B.A. (Miami University)

Sally Ann Minor, Columbus
B.A.

Teresa Citko Mlicki, Columbus
B.A.

Michael Patrick Moloney, Sidney
B.A. (Miami University)

Thomas Charles Montgomery, Lima
B.A. (DePauw University)

Linda Anne Motosko, Youngstown
B.S. (Youngstown State University)

Robert John Mulligan, Olmsted Falls
B.A. (Miami University)

Bradley Allan Myers, Celina
B.S.

Devon Myneder, New City, N. Y.
B.A. (Wellesley College)

Norman Jacob Nadorff, Columbus
B.A., M.A. (Saint Louis University)

Richard Owen Nathan, Cleveland
B.A. (Case Western Reserve University)

Mark Kenneth Nielson, Kettering
B.E.E. (University of Dayton)

Chris Joseph North, Cincinnati
B.S.M.E., M.B.A. (University of
Cincinnati)

Steven Richard Nuttall, Columbus
B.S. (Eastern Illinois University);
M.A.

Raymond Clifford Odum, Glen Ellyn, Ill.
B.A. (Valparaiso University)

James Sand Olsen, Bay Village
B.A.

Thomas Glenn Opferman, Amherst
A.B. (Ohio University)

Michael Kevin Ording, Troy
B.A. (Ohio Northern University)

Marcia Elaine Palof, Hilliard
B.A. (Westminster College)

Joseph William Pappalardo,
Mayfield Heights
B.A. (Case Western Reserve University)

Steven Joseph Pecinovsky, Columbus
B.A. (University of Notre Dame)

Dale Kent Perdue, Columbus
B.A. (Ohio Northern University)

Samuel John Petroff, Springfield
B.A. (Hanover College)

Robert McCall Pfeiffer, Cincinnati
A.B. (Stanford University)

Lawrence Thomas Piergallini, Dillonvale
B.S.Agr.

Stephen Edward Pigott, Cleveland Heights
B.S. (Pennsylvania State University)

Roger Kenneth Quillen, Newcomerstown
B.A., B.S.Ed.

Glenn Leland Rambo, New Lexington
B.B.A. (Ohio University)

David Earl Ramsay, Columbus
B.A. (Ohio Wesleyan University)

Michael James Ranallo, Mayfield Heights
B.A. (Kent State University)

Robert Anthony Ranallo, Willoughby
B.B.A. (University of Notre Dame)

Joseph James Recchie, Oxford
B.A. (Miami University)

Linda Robin Regenstreich, Youngstown
B.A. (Florida International University)

Larry Dean Rhodebeck, Mt. Gilead
B.A. (Kent State University)

Anthony Thomas Rosta, Zanesville
B.A.

Brent Allen Rowland, Marion
B.S.Ed. (Bowling Green State University)

Richard Clyde Sahli, North Canton
B.A. (Case Western Reserve University)

Gary Nelson Sales, Harrison
B.S. (University of Cincinnati)

Gordon Everett Schaechterle, Jr., Norwalk
B.B.A. (Ohio University)

Rae Ellen Schaeperklaus, Cincinnati
B.S. (Northern Kentucky University)

Rhonda Perl Schechtman, New City, N. Y.
B.A. (State University of New York at
Buffalo)

Marsha Rockey Schermer, Columbus
A.B. (Antioch College);
M.A., Ph.D.

Frederick Carter Schoch, Troy
B.A. (Northwestern University)

Shirley Jean Schwartz, Marietta
B.A. (Mount Union College)

Amy Segel, Columbus
B.G.S. (Capital University)

Shirley Adel Shank, Columbus
B.A., M.A.

Robert Eugene Shenk, Columbus
B.S.

James William Slagle, Galion
B.A.

Donald Charles Slowik, Cincinnati
A.B. (Duke University)

Carl De Mouy Smallwood, Upper Arlington
B.S.Bus.Adm.

Douglas Alan Snyder, Columbus
B.A.

William Joseph Sparer, Cincinnati
B.A. (DePaul University)

Betty Ruth Steingass, Parma Heights
B.A. (Capital University)

John Richard Stevenson, Portsmouth
B.A. (University of Cincinnati)

Christopher John Swift, Piqua
B.A. (Ohio Wesleyan University)

James Willis Thomas, Ironton
B.A. (Miami University)

Robin Diane Thomas, Columbus
B.A.

Thomas Edward Trempe, Springfield
H.B.A. (Ohio Northern University)

Timothy Sebastian Trigilio, Lorain
B.A.

Joseph John Van Heyde, II, Columbus
B.B.A. (University of Notre Dame)

Mark Robert Wagner, Parma Heights
H.B.A. (Xavier University)

Michael John Warrell, Medina
B.A. (Swarthmore College)

Lucile Gray Weingartner, Akron
A.B. (Cornell University)

Bruce Jeffrey Weston, Cleveland
B.B.A. (University of Cincinnati)

Joan Elizabeth Wheeler, Centerburg
B.S.Bus.Adm.

Carole Jean Wherry, Worthington
B.A. (University of Cincinnati)

Andrew O. Whiteman, Cincinnati
B.S. (Miami University)

Michael James Wicks, Warren
B.A.

Jean Wilensky, Cincinnati
B.S. (Indiana University)

Douglas Leonard Williams, II, Cleveland
B.S. (United States Air Force Academy);
M.A. (Central Missouri State University)

Steven Dean Wilson, Belle Valley
B.A. (University of Akron)

Alan Winters, Bayside, N. Y.
B.A. (University of Rochester)

Wayne A. Wirtz, Cincinnati
B.S. (University of Cincinnati)

Martin Jay Witherell, Toledo
A.B. (Georgetown University)

Myron Daniel Wolf, III, Cincinnati
B.A. (Ithaca College)

David Arthur Wormser, Shaker Heights
B.S. (Miami University)

Daniel James Wright, Lima
B.A. (Dartmouth College)

Patricia Ann Younger, Canton
B.A. (University of Akron)

Michael Carl Zellers, Westlake
A.B. (Grove City College)

Charles Anthony Ziegler, Youngstown
B.A.Jour.

Bryan Frank Zima, Chardon
B.S. (Mt. Union College)

College of Medicine

Dean: Henry G. Cramblett, M.D.

Doctor of Medicine

Susan Marie Adler, Fairview Park
A.B. (Miami University)

Daniel Joseph Ailes, Lancaster
B.S. (Ohio University)

Richard Mark Anderson, Jerseyville, Ill.
B.S. (Bowling Green State University)

Madeleine Jean Andrews, Cambridge
B.A. (Capital University)

Jeffrey Neville Armitage, Bay Village
B.A. (University of Vermont)

Belinda Rene Avalos, Ironton
B.S. (Marshall University)

Roger John Balogh, Huntsburg
B.A. (Kent State University)

Holly Jean Barrows, Chillicothe
B.A. (Otterbein College)

Anthony F. Behler, Cincinnati
 B.S. (Xavier University)

Terry Wayne Bell, Chillicothe
 B.S. (Wright State University)

Daniel William Berland, Toledo
 B.S. (University of Michigan)

William Richard Bernhart,
 Brooksville, Fla.
 B.S.

Gordon Lee Bills, Centerville
 B.S. (Wright State University)

Bruce Wayne Blackwell, Columbus
 B.A. (Kent State University)

Matthew Christopher Blazek, Cleveland
 B.S.

David Allan Bobak, Garfield Heights
 B.S. (Mt. Union College)

John Gregory Bohlen, Cincinnati
 B.S. (Xavier University)

Gary Edward Bollin, Toledo
 B.S. (University of Toledo)

Christopher Boshkos, Canton
 B.S. (University of Cincinnati)

Nancy Jo Gelfus Braden, Columbus
 B.S.

Mark Sherman Brown, Springfield
 B.A. (Case Western Reserve University)

Robert Michael Buchsbaum, Columbus
 B.A.

Kenneth Allen Bulen, Enon
 B.S.

Paul Robert Butler, Bryan
 B.S. (Bowling Green State University)

Joseph Richard Calabrese, Jr., Cleveland
 B.S. (Xavier University)

Douglas Austin Chen, Des Moines, Ia.
 B.S. (Denison University)

Thomas Myron Coffman,
 Middleburg Heights
 B.A. (University of Pennsylvania)

Donald Dean Collins, Troy
 B.S.

Gary Thomas Collins, North Bend
 B.A. (Miami University)

Sidney Lawrence Couling, Columbus
 B.S. (Bowling Green State University)

Paul William Craven, Dayton
 B.S.

Adrian Anthony D'Amico, Steubenville
 B.S. (University of Pittsburgh)

Daryl Foster Daugherty, Youngstown
 B.S. (Mount Union College)

Mark Edward Davanzo, Youngstown
 B.S.

Richard Alan Devans, Lyndhurst
 B.S. (University of Toledo)

Thomas Hubert Diehl, Akron
 B.S. (University of Akron)

Dennis Edwin Doherty, Cincinnati
 B.A. (The Johns Hopkins University)

Paul Henry Dombrowski, Independence
 B.S. (Loyola University)

Patricia Ann Donohoue, Cincinnati
 B.S. (Marian College)

Stephen John Dutko, Campbell
 B.S.

Dean Carl Easton, Columbus
 B.S.

Jerry Brugler Elliot, West Mansfield
 B.S.

Charles Mitchell Fields, Jackson
 B.S.

John Alan Fink, Mt. Blanchard
 B.S.

Therese Marie Franko, Hubbard
 B.S.

Richard E. Freese, Dayton
 B.S. (University of Dayton)

Timothy Alder Frye, Columbus
 B.S. (University of Michigan)

Kevin Joseph Fullin, Columbus
 B.S. (Ohio Dominican College)

Joseph Gerard Gibbons, Kettering
 B.S. (Georgetown University)

Daryl Lee Gildenblatt, Cincinnati
 B.A. (University of Cincinnati)

Gerald John Girardi, Columbus
 B.S. (John Carroll University)

Robert Gnade, Midland Park, N. J.
 B.S. (Taylor University)

Guy Golembiewski, Toledo
 B.A. (Columbia University)

Mary Jane Gombash, Swanton
 B.S. (University of Toledo)

Cindy Lee Grines, Cicero, Ill.
 B.S.

William C. Grosel, Lyndhurst
 B.S. (John Carroll University)

Laurance Bennett Grossman,
 Boca Raton, Fla.
 B.S. (University of Cincinnati)

Hans Edwin Grossniklaus, Navarre
 A.B. (Miami University)

Mary Jo Drexler Groves, Toledo
 B.S. (Ohio University)

Richard William Gurich, Orrville
 B.S. (Bethany College)

Steven Douglas Haas, Pittsburgh, Pa.
 B.S. (University of Akron)

Bradford H. Hack, Springfield
 B.S. (University of Washington)

Cynthia Ruth Hans, Berea
 B.S. (Brown University)

David N. Havlin, Cincinnati
 B.S. (University of Cincinnati)

Ted Allan Heckendorn, Wooster
 B.A. (Wittenberg University)

Mark John Heitbrink, Dayton
 B.S. (University of Dayton)

Ellen Louise Henderson, Athens
 B.S. (Ohio University)

Leigh J. Herman, Toledo
 B.S. (University of Michigan)

Marion Francis Hoelzer, Hillside, Ill.
 B.S.

Christopher Dixon Holzaepfel, Columbus
 B.A. (Miami University)

Doris Eileen Hossalla, Upper Sandusky
 B.A. (Capital University)

Betty Lynn Howie, Youngstown
 B.S. (Denison University)

David Francis Huber, Cincinnati
 B.S. (Xavier University)

Craig Lee Hyser, Fariborn
 B.S.

David Moore Jackson, Columbus
 B.A. (Miami University)

John Edward Jenrette, Jr., Mogadore
 B.S.

Marilyn Spragg Jenrette, New Concord
 B.A. (Muskingum College)

Joseph Marian Jeu, Flossmoor, Ill.
 B.S.

Gregory Michael Jewell, Jackson
 B.S.

Daniel Jay Johnson, Cincinnati
 B.A. (Miami University)

David A. Jones, Dayton
 B.S. (University of Cincinnati)

Jean Allen Joviak, Brandon, Fla.
 B.S. (Marshall University)

Hermann Walter Kaebnick, Troy
 B.S. (Northwestern University)

Camille Alexis Karaffa, Toronto
 B.S. (Marietta College)

Merle L. Kennedy, Jr., Atwater
 B.S. (Mt. Union College)

Howard Beryl Kessler, University Heights
 A.B. (Indiana University)

Kendel Grant Kidwell, Hillsboro
 B.S.

Thomas Andrew Kiefer, Coshocton
 B.S.

Mark Thomas Kimborowicz, Maple Heights
 B.A. (Case Western Reserve University)

Richard Matthew Kincaid, Columbus
 B.A. (Miami University)

Iva Louise Knapp, Bainbridge
 B.S. (University of Cincinnati)

Eugene Richard Koser, Jr.,
 Casselberry, Fla.
 B.S. (Wheaton College)

Marilyn Kay Kosier, Ludlow Falls
 B.S.

Thomas Andrew Krupko, McDonald
 B.S.

Elyahu Shalom Ladell, Monsey, N. Y.
 B.A. (Yeshiva University)

David Edward Lammermeier,
North Royalton
B.S.

Robert Charles Landes, Fairview Park
B.S. (University of Cincinnati)

Christine M. Lang, Brooklyn, N. Y.
B.S. (Saint Joseph's College)

John C. Laschinger, Northridge, Calif.
B.A. (University of Cincinnati)

Mollie D. Lavsky, Toledo
B.S. (University of Toledo)

Philip Charles Lee, London
B.S. (University of Dayton)

Laura Anne Leeson, Avon Lake
B.A. (University of Toledo)

Alberto Antonio Leon, Indianapolis, Ind.
B.S. (Wright State University)

Paul Hanming Liu, Dublin
B.S.

David Dale Long, Dennison
B.A. (Wittenberg University)

John William Lunsford, Jr., Alliance
B.S. (Mount Union College)

John Frederick Maier, Huntsville
B.S.

Carmine Gregory Mandarano,
Howard Beach, N.Y.
B.S. (State University of New York)

Patrick Scott Markel, Lima
B.S.

David Scott Marsalka, Columbus
B.A. (Wittenberg University)

Arthur Charles Martin, Painesville
B.S. (Bowling Green State University)

Daniel Tunnie Martin, Columbus
A.B. (Anderson College)

Stuart Paul Maschke, Sidney
B.A. (Miami University)

Stephen Patrick McCormick, Columbus
B.A. (Brown University)

Charles John McGaff, Jr., Toledo
B.A. (University of Toledo)

Kathryn Goleman McKee, Columbus
B.S.

Glenn William McLaughlin, Willoughby
B.S.

Randy Robert Miller, Westerville
B.A. (Otterbein College)

Gregory James Moore, Granville
B.A. (University of Tennessee)

Paul L. Moots, Naples, Fla.
B.S. (Duke University)

Vivian Frances Moynihan, Toledo
B.S. (University of Dayton)

Thomas William Mueller, Cincinnati
B.S. (Marietta College)

Link Robert Murphy, Dublin
B.A.

John Joseph Naveau, Russia
B.S. (University of Dayton)

Allan Jay Nichols, Brooklyn, N. Y.
B.A.

Robert Paul Nielson, Jr., Maumee
B.S. (University of Toledo)

John Francis Michael O'Leary, Columbus
B.A. (Miami University)

James M. Pacenta, Akron
B.S.

Thomas Anderson Painter, Cincinnati
A.B. (Miami University)

Carey B. Paul, Columbus
B.A. (Miami University)

Thales Nicholas Paviatos, Springfield
B.A. (Wittenberg University)

Samuel Bruce Pegram, Columbus
B.A. (Northwestern University)

Linda Darlene Pope, Cleveland
B.A. (Oberlin College)

Craig Charles Porter, Rocky River
A.B. (Kenyon College)

Timothy Joseph Quill, Ft. Wayne, Ind.
B.S.

Patrick Alfred Quinn, Middlefield
B.A. (Saint Louis University)

Robert D. Quinn, Westlake
B.S. (Northwestern University)

Mohan Kandarpa Rao, Columbus
B.S.

Joseph Martin Reising, III, Cincinnati
B.A. (University of Cincinnati)

Nancy Ann Rudd, Cincinnati
B.S. (University of Cincinnati)

Dennis Franklin Ruppel, Caldwell
B.S. (Muskingum College)

John Torsten Sandlund, Bath, N. Y.
B.A.

Patrick Joseph Scarpitti, Columbus
B.S.

John Bales Schorling, Senecaville
B.A. (Kalamazoo College)

Stephen Shuster, Cincinnati
B.A. (Emory University)

Robert Bruce Schwallie, Cincinnati
B.A.

Thomas Gerard Schwarz, Cincinnati
B.S. (Xavier University)

Viola Devany Scott, Akron
B.A. (Kent State University)

Daniel Dreese Sedmak, Cincinnati
B.S. (University of Cincinnati)

Steven Anthony Severyn,
Broadview Heights
B.A. (The Johns Hopkins University)

Kimberly K. Shaftner, Springfield
B.A. (Wittenberg University)

George Meade Shaw, Logan
B.A. (Dartmouth College)

Brenda Jeanne Sickie, Bay Village
B.S. (University of Notre Dame)

Kenneth M. Sigman, Cleveland
B.A. (Miami University)

John David Slightam, Xenia
B.S. (University of Dayton)

Andrew Sliwka, Jr., Independence
B.S. (Bowling Green State University)

Rebecca Lynn Sloan, Stryker
B.S. (Bowling Green State University)

David Austin Spahlinger, Massillon
B.S.

Ted Spirtos, Campbell
A.B. (The Johns Hopkins University)

Thomas Lowell Standeford, Ottawa
B.S.

Robin Gerald Stanko, Westlake
B.A. (Northwestern University)

John Robert Stechschulte, Lima
B.S. (University of Notre Dame)

Orest Stecyk, Parma
B.S. (University of Notre Dame)

William John Stewart, Akron
B.A. (Miami University)

Roger Allen Styles, Fairborn
B.S. (Wright State University)

Agnes Victoria Suleski, Willoughby Hills
B.A. (Case Western Reserve University)

Martin James Sullivan, Cincinnati
B.A. (DePauw University)

Michael Joseph Sullivan, Marion
B.S. (University of Toledo)

Jean-Claude M. Tabet, Newton Falls
B.A. (Case Western Reserve University)

Ralph Henry Talkers, Cincinnati
B.A. (Wabash College)

Daniel Hartman Tetrick, Columbus
B.S.

Karl Stephen Theil, Olmsted Falls
B.S. (Allegheny College)

Richard Gilmor Thomas, Grafton
B.S. (Baldwin-Wallace College)

Stephanie Wiles Thomas, Berea
B.S. (Baldwin-Wallace College)

Michael John Thompson, Chagrin Falls
B.S. (Ohio Wesleyan University)

Pierre Lorenzo Triozi, Ashtabula
A.B. (Cornell University)

Gary Richard Tylock, Buffalo, N. Y.
M.S. (Bowling Green State University)

Douglas B. Van Fossen, East Palestine
B.S. (Adrian College)

Thomas Lewis von Sternberg, Parma
B.S. (University of Toledo)

Bruce Edward Walls, St. Albans, W. Va.
B.S. (Wright State University)

Mark Douglas Walters, Toledo
B.S. (University of Cincinnati)

Barbara Oia Ward, Napoleon
B.S. (Ashland College)

Jeffrey Scott Warren, West Lafayette
A.B. (Miami University)

Steven Robert Weasen, Bronx, N. Y.
B.A. (State University of New York)

Stephen C. Wenzke, Dayton
B.S.

Timothy Francis Whiteside, Centerburg
B.S. (Xavier University)

George E. Wiggins, New Philadelphia
B.S.

Mary Beth Williams, Niles
B.S. (John Carroll University)

Mary Ellen Wissel, Cincinnati
B.A. (Thomas More College)

James Scott Wolery, Delphos
B.S.

Michael Eric Yaffe, Toledo
B.A.

Diana Meiring Zitter, Fort Recovery
B.S.

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Stephanie Ellen Alfrey, Ironton
R.N. (Holzer School of Nursing,
Gallipolis)

Vivian Linnette Anderson, Toledo
Gary Martin Ansel, Columbus
Glenda Louise Bailey, Wayne, Pa.
Kristine Louise Balkenhol, Gahanna
Pamela Jane Barr, Canton
Jayne Sue Bell, Beachwood
Pamela Sue Bensman, Toledo
Melinda Lewis Blesch, Rushville
Lynne Shannon Blinco, Sylvania
Deborah Jo Booher, West Lafayette
Theresa Erb Boyle, Columbus
Joanne Bozza, Gates Mills
Kevin James Brennan, Columbus
Lyneah Jean Breskvar, Euclid
Timothy David Burkam, Delaware
B.A. (Miami University)

Carol Ann Cafarelli, Euclid
John Michael Chudik, Struthers
Kathleen Jean Clark, Maple Heights
Susan Roeger Cloud, Columbus
Christopher James Cotter, Cincinnati
Joyce Elizabeth Cox, North Royalton
Susan Elizabeth Crane, Fairfield
Jacann Rae DeMuth, Alliance
B.S. (Mount Union College)

Sherry Denise Diehl, Garberton
B.S. (University of Akron)

Vickie Lee Diercks, Ashland
Susan Catherine DiOrto, Garfield Heights

Michael Joseph Dodaro, Dayton
Lauri Ellen Doyle, Boardman
Edward Raymond Dunlay,
New Wilmington, Pa.

William Howard Dwight, Perrysburg
Tracy Lynn Elrod, Tipp City

Donna Lynn Facer, Parma
Vickie Mary Fairchild, Cincinnati

Jennifer Elaine Fields, Norwalk
Susan Eileen First, Lima
B.A. (Sioux Falls College)

Debra Lynne Frazier, Columbus
Louis Anthony Freedman,
Richmond Heights

Paula Jean French, Hamilton, Ill.
B.S. (Illinois State University)

Jeanne Marie Funk, Parma
William Dean Garriott, Mansfield
Cynthia Louise Geiger, Middleburg Heights
Maxine Beth Gilgoff, New York City, N. Y.
B.S.

Pamela Ann Gindlesberger, Loudonville
Nancy Ann Giunto, Toledo
Sandra Louise Howell Grant, Columbus
Cynthia Ellen Groves, Hilliard
Deryl Edwin Gulliford, Green Camp
Karen Ruth Harbeitner,
Middleburg Heights
Alvin James Harper, Jr.,
Center Township, Pa.

Kim Michele Helsing, Middletown
Michael Jeffrey Hill, Zanesville
Martha Lee Himes, Columbus
Douglas Clifford Hoek, Warren
Willard Ross Irvin, Beverly
Joan Marie Jennings, Parma
Beverly Sue Jones, Columbus
Kristin Zimmerman Joseph, Warren
Susan Kay Ketz, Richmond Heights
William R. Klausung, Spencerville
Karen Lynn Klee, Kirtland
Nancy Louise Klinc, Bedford Heights
Helen Theresa Kolman, Youngstown
Cathy Jane Konkler, Archbold

Alan William Koontz, Newark
Janice Kaipainen Krizo, Akron
Vincent Michael Krutel, Cuyahoga Falls
Christine Ann Laurich, Strongsville
Cynthia Ann Lear, Cincinnati
Thomas Joseph Legando, Huron
Monica L. Lemponen, Maple Heights
Pamela Blackshere Lewis, Akron
Lisa Ellen Lieb, Dayton
Jonathan Paul Lindeman, Greensburg
B.S. (West Virginia University)

Kimberly Ellen Lurie, Glendale, Ariz.
David LeRoy Mahugh, Glasgow, Mont.
Dahn David Martino, Grandville
Mark Alan Mason, Cincinnati

B.S. (Bowling Green State University)
Jodie Kay McCalla, Columbus
Angela Jane McCoy, Portsmouth
Karen Eileen Mess, Charleston, W. Va.
Elizabeth Broomell Miller, Lakewood
Cheryl Ann Minnich, Cincinnati
Kathy Larene Monroe, Columbus
David Brian Moore, Mansfield
Patty Ann Yeagle Morgan, Columbus
R.N. (King's Daughters' Hospital
School of Nursing)

Andrew Louis Morris, Middletown
Mary Anne Morter, Tiffin
Fredric N. Muccio, Warren
Linda Sue Murphy, Marion
B.S.N. (College of Mount Saint Joseph)
Susan Schuyler Nelson, Erie, Pa.
Diane Nicol, Plain City
Paul Edward O'Flynn, Columbus
B.S.

Maria Christine Ogden, Mt. Clemens, Mich.
Mary Margaret Oliverio, Columbus
Alan Jeffrey Orth, North Canton
Kimberly Ann Owens, Steubenville
James Cranston Padgett, Jr., Mt. Blanchard
A.A.S. (Lima Technical College)

James Evan Parsons, Liberty Center
Christina Ann Peel, Stow

Patricia Sue Perkins, Northwood
Margaret Mary Pielage, Cincinnati

Kirk Arthur Poenicke, Curtice
A.H.T. (University of Toledo)

Ann Adair Powell, Columbus
Robertina Anne Ralston, Millersport

Victoria Ann Reich, Camp Hill, Pa.
Darlene Reimer, Lyndhurst
Jill Lynn Reineck, Fairview Park
Susan Elaine Rhine, Canfield
Janette Marie Richard, Worthington
Karen Ann Rusnak, Kirtland
Nancy Elizabeth Sarro, Warren
Beth Diane Saunter, Springfield
Karen Lee Schenke, Sarasota, Fla.
Anita Jo Schroeder, Leipsic
William Arthur Sexton, II, Celina
Elaine Marie Sich, Elyria
Marianne Simashkevich, Amherst
Victoria Lynn Slusarz, Chesterland
Diane Smith, Cleveland
Sharilyn Ann Sonner, Hicksville
B.S.

Joni Louise Speier, Cincinnati
Belinda Kay Spohn, Somerset
Chris Allan Stahl, Coshocton
Christine Straub, Strongsville
Cynthia Rae Swigart, Ravenna
Jennie Ann Swindle, Columbus
Cheryl Lynn Taylor, Columbus
Janice Elaine Todd, West Lafayette
Tina Marie Trojanowski, Bedford
Cynthia Louise Tulisak, Parma
Kathy Ann Valuska, Wintersville
Jacqueline Mary Van Horn, Cleveland
Jan Comer Van Horn, Van Wert
Deborah Meri Verkin, Genoa
Marcia Jane Vette, Massillon
Ann Vernice Wachtel, Coshocton
Jennifer Ann Wade, Mansfield
Harold Philip Walbright, Portsmouth
Don Joseph Ward, Wheaton, Md.
J. Marie Watkins, Perrysburg
Jennifer Louise Watson, Toronto
Julia Denise Weaver, Paulding
Edward Alan Wertz, Hamilton
Laura Laverne Wilhelm, Ada
B.A. (DePaul University)
Lynn Marie Woznicki, Bedford
Cheryl Jean Wulber, Yorkshire

Certificate of Nurse Anesthetist

Patricia Reinecke Gladman, Columbus
B.S.N.
Annette Phillips Polit, Ravenna
B.S.N.
Barbara Waldron Smith, Lancaster
B.S.N. (Ohio University)

Certificate of Post Baccalaureate Circulation Technologist

Joseph Michael Bannan, Shadyside
B.S.
Rick Allen Kuntz, Canton
B.S.

Certificate of Post Baccalaureate Medical Illustrator

Robert Morgan Bantly, Jr.,
Manchester, Conn.
B.A. (Ohio Wesleyan University)
Drew Patrick Strawbridge, Allentown, Pa.
B.A. (Moravian College)

School of Nursing

Bachelor of Science in Nursing

Kristan Carol Adams, Columbus
Pamela Fay Adams, Cincinnati
Lynn Renee Albright, Pemberville
Clemma Kathleen Alcorn, Columbus
Leslie Anne Alexander, Columbus
Christine Allen Ammentorp, Middletown
Raejean Bateman, New Weston
Margaret Ann Baumgardner, Akron
Lisa Rene Beckman, Celina
Lee Annette Berger, Columbus
Connie Sue Berkley, Hudson
MaryAnn Bickerstaff, Niles
Cynthia Delorous Billiter, Portsmouth
Claudia Louise Black, Akron
Billie Joan Bodo, Norton
Barbara Jane Bolender, Circleville
Susan Diane Boyer, Canton
Karen Ann Brickner, Hudson
Rebecca Sue Bringardner, Columbus
Patricia Jean Brown, Lima
Janice Marie Bruns, Coldwater
Lileta Ann Burton, Columbus
Cathleen Carney, Bay Village
Tamara Jean Carter, Troy
Janice Kay Coberly, Canton
Patricia Sue Cordner, Warren
Anne Barbara Craig, Independence
Janice Elaine Dean, Urbana, Ill.
JoMarie DeMarco, Cincinnati
Peter Francis Denkowski, Cuyahoga Falls
Janet Louise Deringer, Ada
R.N.
Angela Diakandru, Rocky River
Diane Placke Dierckman, Batesville, Ind.
Beth Lynette Dyson, Chagrin Falls
Susan Marie Ferry, Mineral City
Nancy Augusta Fraley, Brunswick
Gregory Joseph Frost, Kettering
Gail Louise Furney, Canton
Judith Lee Gantzler, Fairview Park
Elizabeth Ann George, Tipp City
Karin Eby Germon, Columbus
Jill Anne Goff, Dayton
Theresa Ann Grabski, Seven Hills
Linda Sue Groves, St. Clairsville
Gail Rochelle Hahn, Lyndhurst
Nancy Clark Hamman, Williamsport
Connie Jean Hammer, Fostoria
Aimee Louise Hedrick, Delphos
Kathleen Marie Heintz, Centerville
Ann Lynne Hickerson, Rocky River
Linda Ellen Hines, Columbus
Martha Ann Hostetler, Canton
Amy Susanne Huddle, Columbus
Jane Anne Huey, Zanesville
Mary Celeste Huey, Marysville
Maura Ann Humphrey, Columbus
Jane Hunt, Cleveland
Jodie Lynne Hutchison, Streetsboro
Nancy Elizabeth Jency, Garfield Heights
Karenann Jones, Cuyahoga Falls
Andrea Ann Kiep, Fairfield
Jackie Eisnagle Kiff, Columbus
Debbie L. King, Columbus
Rebecca Lynn Kinzel, Milton, W. Va.
Amy Kay Kistler, North Canton
Tanya Sue Kneisel, Middletown
Denice Linn Kretchman, Wooster
Margaret Jane Lau, Pickerington
Mary Frances Lentz, North Olmsted
Loretta Krivanek Long, Lyndhurst
Robin Ann Lovell, Davison
Maureen Yvonne Maciag, Bay Village

Barbara Jean Mackey, Warren
Linda Spielman Main, Worthington
Monica Margaret Markarian,

Belle Meade, N. J.
Anthony Edward Marlin, Antwerp
Linda Cheryl Martin, Pickerington
Cheryl Ann May, Cleveland
Lynne Kay Mayer, Alliance
Carol Ann McBurney, Worthington
Patricia Joan McCabe, Columbus
Susan Elaine McCarthy, Pittsburgh, Pa.
Coleen Ann McNamara, Toledo
Joyce Bernadette Miller, Newark
Loretta Jane Myers, Reynoldsburg
Cristy Jo Nishwitz, Warren
Nanette Notestine, Bellefontaine
Mary Therese O'Brien, Dayton
Ruth Aquin O'Brien, Columbus
Karen Rosanna Kay Osborne, Columbus
Keanne Marie Ouzmet, Columbus
Catherine Teruko Oyakawa, Cincinnati
Mark Vincent Packard, Columbus
Nancy Jane Parkinson, Worthington
Karen Joanne Pestrak, Warren
Pamela Louise Pfeifer, Columbus
David Richard Planitz, Cortland
Maricel deLourdes Ponce, Mingo Junction
Roanne Lee Porter, Wintersville
Ann Marie Poydock, Bedford
Debra Ann Ptacek, Lebanon, Ill.
Patricia Ann Pultz, Columbus
Madelyn Ann Raicevich, Euclid
Christine Louise Restifo, Amherst
Susan Riffle Riley, Columbus
Evie Ann Ritschel, Parma Heights
Kim Helen Sawitke, Euclid
Kathleen Jane Schipper, Dayton
Lois Ann Schipper, Dayton
Ellen Kay Seitz, Mentor
Jane Ellen Semko, Highland Park, N. J.
Sally Shirilla, Campbell
Martin Lee Shultz, Bowerston
Debra Ann Sikora, St. Clairsville
Sandra Sue Simmons, London
Sandra Jo Sloey, Mansfield
Debra Jean Spencer, Columbus
Kimberly Stacey, Columbus
Diane Lynn Stoll, North Lawrence
Elizabeth Ann Stone, Bellbrook
Suzanne Elaine Straits, Millersburg
James Lee Sutton, Petersburg, Va.
Michael Angelo Tarpoff, Springfield
Helen Kaylene Tetting, Gresham, Wis.
Becky Ann Thiel, Columbus
Diane Allyn Tilus, Mansfield
Marla Jean Traunero, Tiffin
Theresa S. VanEman, Columbus
Karen L. Ventresco, Youngstown
Peggy Sue Walker, Columbus
Janet Sue Warnock, Fairview Park
Molly Bridget Whalen, Columbus
Deborah Ann Wine, Rocky River
Dorothy Marie Wirtz, Solon
Susan Stacey Woerner, Columbus
Ann Wolford, Columbus
Kimberly Kay Wright, Columbus
Patricia Louise Zulliger, Lima

College of Optometry

Dean: Frederick W. Hebbard

Doctor of Optometry

Steven Glenn Bailey, Pineville, W. Va.
Debra Jean Bakalus, Dayton
B.A. (University of Dayton)
David Wayne Barnhart, Warren
Robert Charles Bevington, Cuyahoga Falls
Kent T. Brown, Arlington
B.S. (Bowling Green State University)
Gary D. Burton, Marion
Robert Michael Cherne, Wickliffe
Peggy Jean Clark, Paulding
James Craig Dally, Bryan
Robert Joseph Dittoe, Somerset
Gail Ann Fedak, Fairport Harbor
Fred Fisch, Columbus
Thomas Kevin Flanagan, Youngstown
B.S.
Rodney Neil Gilliland, Waterford
B.A. (Malone College)
Robert Denver Good, Brookville
Don W. Gunhus, Park River, N. D.
B.S., B.S. (University of North Dakota)
Debbie Lynn Hettler, Lorain
B.S.
Jeff K. Hovis, Elmore
R. Michael Kabbes, Springfield
Mark Frank Kapusta, Seven Hills
Timothy Cunningham Karg, Fostoria
Paul Daniel Kiesling, Bidwell
Brian Kleshinski, Mansfield
Dale Michael Koers, Garfield Heights
Rex Alden Lutes, Waynesville
Russell Hale Mattern, Columbus
B.S. (United States Air Force Academy);
M.S.
Peggy Harpater Maul, Ashland
B.A. (Wittenberg University)
Stephen Veith Maurer, New Philadelphia
B.S.
Michael George Miller, Lucas
William M. Miller, Lancaster
Michael Dale Mortimer, Richfield
B.S. (Denison University)
Jeffrey J. Neal, Martins Ferry
B.S. (Ohio University); M.S.
Dale Carl Novak, Amherst
Mark David Pifer, Sandusky
Lynette Sue Powell, Oregon

Frank David Ptak, Louisville
B.A. (College of Wooster)

Jeffrey Dale Rice, Zanesville

Marc Wayne Robboy, Columbus
B.S.B.A.

Thomas J. Rossi, Akron
B.S. (University of Akron)

Stephen J. Ruth, Worthington

Michael Robert Schmit, Delphos

Douglas E. Schneider, Ravenna
B.S. (University of Michigan)

Kirby L. Scullion, Salem

Lynn Curtis Shewmaker, Cincinnati
B.S. (Marion College)

Christopher Wayne Shoemaker, Lucasville
B.S.

Ronald Joseph Skuza, Independence

Rodney Vaughn Snow, Montpelier

David William Stempley, Dayton
B.S. (University of Cincinnati)

Thomas William Voglewede, Columbus
B.S.M.E. (University of Notre Dame);
M.B.A. (University of Southern California)

Andrea Marie Walters, Hamilton
B.A. (Taylor University)

Emery Clark Ward, Middletown

Richard Edward Weisbarth, Fairview Park
B.S.

Mark Richard Wright, Wellsville
B.S. (David Lipscomb College)

B.S. (John Carroll University)

Deborah Lynn Harstine, Akron

Cynthia Louise Hunter,
West Long Branch, N. J.

Mary Beth Kanatas, Columbus

Lori Jo Katz, Lyndhurst

Steven J. Katz, Cleveland Heights

Alice Chungwha Kim, Cleveland Heights

William Steven Kinnaird, Chesterland

Jeffrey Lynn Kistler, Canton

Alan Joseph Kover, Newark

Nancy Ann Kurtzman, Galion

Kim Michael Laughlin, Sidney

David Victor Loveday, Houston, Tex.

Susan Carol Macielak, West Seneca, N. Y.

B.S. (Allegheny College)

Leslie Louise McGovney, Portsmouth

Nicholas Brian McMahon, Ironton

Eric Braden Miller, Elyria

Gregory Allen Ordway, Oakwood

MaryAnn Therese Panek, Garfield Heights

Richard Henry Parrish, II, Coolville

Susan Margaret Peach, Steubenville

Jerome Francis Pierson, McDonald

Chester Paul Poremski, Youngstown

James Michael Prushing, Treston

Nancy Lee Raimonde, Tiltonsville

Beth Anne Ridgway, Kettering

Mark Andrew Roberts, Clayton

Frances Coffey Scono, Washington C. H.

David Bryan Shaffer, Toledo

Daniel Joseph Sheridan, Columbus

Richard Thomas Slenn, Fairview Park

Steven Bryan Smith, Whitehall

Kevin John Snyder, Lisbon

Bruce Alan Thomas, Canton

Leslie Carol Van Oort, Teaneck, N. J.

Nancy Carol Vinson, Lebanon

Teri Lee Weaver, Granville

Robert Joseph Weber, Fairview Park

Crystal Ann Woestendiek, Zanesville

Linda Kay Wurm, Republic

Barbara Forest, Elkins Park, Pa.

Guinevere Fyffe, Grove City

Miriam Sue Gold, Cleveland

Vivian Lenoria Gosha, Cleveland

Pamela Louise Gouldsberry, Avon Lake

Patricia Lynn Greenspon, Detroit, Mich.

James Allen Haley, Columbus

Gwen Gerber Hall, Columbus

Frank Ross Hamilton, Columbus

Evans Louis Harper, Columbus

Jennifer Crawford Haviland, Marion

Betty Ann Herring, Columbus

Jeanne Marie Hersman, Doylestown

Karen June Hoff, Cincinnati

Richard Lee Hollon, Mansfield

Velma Frances Hottle, Cleveland

Ann M. Huebsman, St. Henry

Suzanne Elaine Irwin, Columbus

Cheryl Sydney Jacobs, Spring Valley, N. Y.

Valerie Danese Johnson,
Warrensview Heights

Lauren Ann Jones, Boardman

Judy Thornsberg Jordan, Mansfield

Deborah Anne Kaiman, Columbus

Karen A. Kelly, Columbus

Theodore Robert Kern, Urbana

Elizabeth Mary Kuehn, Medina

Karen Michele Lopper, Columbus

Jaquelyn Marchetto, Columbus

Theresa Lynn Mazzone, Westerville

Staci Lynne McDaniel, Columbus

Vicki Lynn McGhee, Gallipolis

Mark Alan Metzger, New Knoxville

Irene Evelyn Miller, Columbus

Marcus Henry Miller, Warren

Janine E. Moreau, Columbus

Lynn Ellen Morris, Chillicothe

Rose Koki Munywoki, Nairobi, Kenya

Pamela Ann Murray, Columbus

Kathi A. Oklok, Upper Sandusky

Christina Overly, Kingston

Anne A. Payne, Aurora, Colo.

Karen Kay Pendrey, Fremont

Marilyn Phelps, Cleveland

Joann May Pollock, Madison

Cheryl Susan Prosser, Mt. Vernon

Elaine Louise Puckett, Washington C. H.

Pamela Kaye Purdom, Xenia

Harry Charles Quesinberry, Troy

Trina Lorraine Regan, Cleveland

Barbara Buker Reed, Columbus

Reva S. Remer, Toledo

Allison Louise Rogge, Centerville

Laura Lynn Rolls, Berea

Nancy Louise Rowe, Rocky River

Cathy Lynn Royster, Circleville

Elisa Auburn Ruh, Columbus

Lisa Leanne Sadler, Westerville

Jamie Kay Schmerbeck, Clyde

Christopher John Shaker, Niles

Jamison L. Shower, Lima

Diana Sue Sloan, Stryker

Sharon Kay Spencer,
New Martinsville, W. Va.

Nancy Louise Sutton, Fort Lee, Va.

Cathy Ellen Tanenbaum, Columbus

Charlotte Ann Terhune, Marion, Ind.

Maureen Carol Tierney, Columbus

Dan Alan Toth, Lexington

Carol Ann Upchurch, Circleville

Linda J. Urig, Avon Lake

Kimberly Ann Walker, Dayton

N. Michael Walters, Delaware

Barbara Susan Weitsman,
University Heights

Sheila Ann Wiens, Deshler

Wendy Louise Williams, Canal Winchester

Wayne Anthony Willis, Urbancrest

Steven Gregg Wills, Columbus

College of Pharmacy

Dean: Albert H. Soloway

Bachelor of Science in Pharmacy

Richard Lee Arends, Columbus

Omur Aslanbayrak, Columbus

Steven Michael Babineaux, Springfield

Karen Földen Balcerzak, Gallipolis

Robert Stanley Balcerzak, Solon

James Edward Ballenger, II, London

Charles David Benzo, Steubenville

James Brian Bird, Dover

Stephen Wayne Birdwell, St. Marys

Carol Joanne Braun, Cincinnati

Anne Louise Burns, Salem

Herbert Bradford Carson, Coolville

Antoinette Marie Catena, Columbus

Catherine Ann Cech, Wickliffe

Mary Jane Chambers, Coshocton

Helen Haywon Cho, Columbus
B.S.

Richard Alan Couch, Pomeroy

Sharon Ruth Darnovsky, Chagrin Falls

B.S. (Ohio University)

Brad Edwin Daugherty, Warren

Gail Ann Dean, Barberton

Kathleen Marie Emborsky, Youngstown

John Gary Fassett, Ashtabula

James Russell Flanick, Pittsburgh, Pa.

Steven Allan Goldblatt, Cleveland Heights

Thomas Anthony Gualtieri, South Euclid

College of Social Work

Dean: Robert O. Washington

Bachelor of Science in Social Welfare

Linda Ruth Anderson, Elyria

Molly Jane Ansel, Carroll

Mary Lou Bates, Senecaville

Jaquelyn Ann Bellar, Columbus

Lynn Kathleen Biles, Warrensville Heights

Mary Geneva Bishop, Galion

Roger L. Bolen, Williamson, W. Va.

Karen Anne Boyle, Bedford

Martha M. Brooks, DeLand, Fla.

Byron Duane Brown, Columbus

Darlene Bryant, Akron

Joanne Terese Cherveny, Cuyahoga Falls

Tammy Ann Collins, Bellefontaine

Diane Elizabeth Cowdrey, Dallas, Tex.

Deborah Jean Cox, Knoxville, Tenn.

Brenda Mae Crim, Galion

Carol Therese Curtin, Springfield

Cynthia Kay DeGirolamo, Alliance

Susan Lynn DelBalso, Richmond Heights

Jenell Louise DeMatteo, Fairborn

Dale Ann Devers, Richwood

Linda Kay Dhrkop, Yellow Springs

Thomas Jerome Endres, Westerville

Nina Dawn Estner, Pittsburgh, Pa.

Beverly Sue Fischvogt, Cincinnati

Jacquie Lynn Fooks, Huron

Constance Woodworth, Dayton
James Warren Wutrich, Cleveland

College of Veterinary Medicine

Dean: C. Roger Smith

Doctor of Veterinary Medicine

- Stephen Paul Abfall, Akron
B.S.
- John Daniel Adamson, Warren, Mich.
B.S.
- Thomas Joseph Armitage, Warren
- Melvyn Kim Aylor, Hebron, Ky.
B.S. (University of Kentucky)
- John Christopher Baker, Warren
B.S., M.Sc.
- Barbara Dean Brewer, Columbus
B.A., (Marietta College) M.A.
- Jennifer Anne Burris, Bexley
B.S.
- Donald Lee Burton, Loveland
B.S., M.Sc.
- Donna Few Cauble, Asheville N.C.
B.S. (Western Carolina University)
- Farol Lyn Chanan, Cleveland Heights
B.A. (Nasson College)
- Craig Allan Clouse, Tiffin
B.S.
- Deborah Ann Colker, Huntington, W. Va.
B.A. (Brandeis University)
- Kevin Donald Corcoran, Chillicothe
B.S., M.Sc.
- Mary Ingrid Damicone, Ravenna
B.S.
- Steven Elliot Danis, Independence
B.A. (Denison University)
- Donald Edward Davis, Cary, N. C.
B.S. (North Carolina State University)
- Charles Craig DeMuth, Orient
B.S. (Cornell University)
- James Stanhope Dittoe, Cincinnati
- Rebecca Mary Dunton, Urbana
B.S.
- Bonnie Sue Faust, Cincinnati
B.S.
- Kenneth Howard Fein, East Orange, N. J.
B.A. (New York University); M.Sc.
- Mark Richard Finkler, Akron
B.A.
- John Michael Florence, Louisville, Ky.
- Faith Carole Flower, Oxford
B.S.
- Elizabeth Jean Fultz, Middleport
B.A. (Capital University)
- Peter Warren Gasper, Cincinnati
B.A. (Park College)
- Jeanette Patricia Gibbons, Canton
B.A. (Malone College)
- Lee Alan Gibbons, Oxon Hill, Md.
B.S. (University of Maryland)
- Elisabeth Jeanne Giedt, Troy
B.S.
- Jerome Mark Gigliotti, Vermilion
B.S.
- William Taylor Goldsmith, Akron
B.S. (Miami University)
- Marvin Alan Greenberg, University Heights
B.S.
- Deborah Jean Guyot, Columbus
B.A., (Kalamazoo College) B.S.
- Sarah Rose Haddock, Mentor
A.B. (Miami University)
- John Patrick Hale, Batavia
B.S.
- Patricia Katherine Hannegan, Mt. Vernon
B.A. (Kenyon College)
- Norma Jean Fuerst Harlan, Winchester
B.S.
- Richard Hampson Harlow, Columbus
B.S. (Saint Lawrence University)
- Sharon Elaine Harmon, Keyser, W.Va.
A.A., B.S. (West Virginia University)
- Lorraine Shacklett Harper, Worthington
B.S., M.Sc.
- Ellen Little Harris, Norwood
B.S. (University of Cincinnati)
- Linda Sue Hattery, Middletown
B.S.
- Christopher Shawn Hayhow, Chillicothe
B.S.
- Nancy Boggs Heinold, Springfield
- David Beardsley Hoke, Elkins, N.H.
B.S. (University of New Hampshire)
- William Dingleline Hueston,
Harrisonburg, Va.
B.A. (University of Virginia)
- Jeffrey Otto Hunt, Ravenna
B.S. (Kent State University)
- Colleen Joyce Huntington, Hamilton
- Gilbert Jean Jacobs, Bergenfield, N. J.
B.S.
- Evan Bruce Janovitz, Shaker Heights
B.S.
- Patricia Stone Janovitz, Cincinnati
B.A. (College of Wooster)
- Jacqueline Joy Jenkins, Arlington, Va.
B.A. (University of Virginia)
- Anne Louise Johnson, Charlottesville, Va.
B.A. (University of New Hampshire);
M.Sc. (Florida State University)
- Sharon Louise Johnson, Beaver Creek
B.A. (Susquehanna University);
M.N.S. (Cornell University)
- Louise Hannah Jones, Madison, N. J.
B.S.
- Laura Jane Joseph, Utica
B.S.
- Nanette Ruth Kleinman, Cleveland Heights
B.S. (Cleveland State University)
- Michael Derrill Kline, Hicksville
B.S.
- Mary Kathleen Kral, Parma Heights
B.S.
- Justin Gardner Krause, Fairborn
- William David Krawczyn, Middleport
B.S.
- Dennis Anthony Kulasa, Elyria
B.S.
- David Edward Kunselman,
B.S. (United States Naval Academy);
M.Sc.
- John Michael Lies, Cincinnati
- John Wesley Love, Vermilion
B.S.
- William Raymond Lukens, Cincinnati
- Laura Jean Lyndes, Oberlin
B.S. (Kent State University)
- Michael Eugene Maki, New Ipswich, N.H.
B.S. (University of New Hampshire)
- Larry Dean Markley, Orrville
B.S.
- Robert John Maro, Youngstown
B.S.
- Michael James Marrone, Rocky River
B.S. (University of Georgia)
- Kenneth Wayne Martin, Dresden
- Richard Charles Mather, II, Cincinnati
B.S.
- Janet Irene McKim, Dumont, N. J.
B.S. (Rutgers University)
- Anita Maria Migday, Kettering
B.S., M.Sc.
- Karen Kae Miller, Cincinnati
B.S. (Michigan State University)
- Walter Robert Miller, Jr., Middletown
B.S.
- Jeri F. Mills, Columbus
- John David Mitko, Linden, N.J.
B.S. (Virginia Polytechnic Institute and
State University)
- Paula D. Modransky, Bloomingdale
B.S.
- Craig Joseph Mohnacky, Parma
B.S.
- William Ronald Moodispaw, St. Clairsville
B.S. (Ohio University)
- John Anthony Murphy, Cleveland
B.S. (Colorado State University)
- Gregory Albert Noll, Lancaster
B.S.
- Gregory Lewis Parham, Columbus
B.S.
- Michael Thomas Parker, Xenia
B.S.
- Jane Ann Pekarek, Cleveland
B.S.

Robert Gene Perry, Bowling Green, Ky.
 Anne Elizabeth Philpot, Paulding
 Wendy Buckler Powell,
 West Friendship, Md.
 B.S. (University of Maryland)
 Philip Mather Price, Bratenah
 B.S.
 Richard S. Ringler, Columbus
 B.S.
 Gregory Allen Roadruck, Coshocton
 B.S.
 Delila Louise Robinson, Roseboro, N. C.
 B.S. (North Carolina Agricultural and
 Technical State University)
 Jan Lee Rubenstein, Chevy Chase, Md.
 Carol Ann Schmidt, Cuyahoga Falls
 Joseph Michael Schmidt, North Lima
 James Gale Schmunk, Antwerp
 B.S., M.Sc. (Bowling Green State
 University)
 Jennifer Hummel Schoenfeld, Brice
 B.S.
 Mary Jean Schroth, Tiffin
 B.A. (Walsh College)
 Craig Frederick Shannon, Cincinnati
 Edward John Sheehan, Jr., Somerdale N.J.
 B.S. (St. Joseph's College)
 Mary Jo Shepherd, Shelby
 B.S.
 Harriet Houren Shields, Fairview, N.C.
 B.S. (North Carolina State University)
 Brian Lawrence Silbon, Iselin, N. J.
 B.S. (Cook College, Rutgers)
 Corey Walter Smith, Columbus
 B.S. (Rutgers University)
 David Kiser Smith, Beloit
 B.S.
 Lesley Lynn Smith, Center Harbor, N. H.
 B.S. (University of New Hampshire)
 Steven Marc Solomon, Baltimore, Md.
 B.S. (University of Maryland)
 Richard Alan Solwitz, Beachwood
 B.A.
 Thomas Mitchell Spaulding,
 Hustonville, Ky.
 B.S. (Eastern Kentucky University)
 Donna Kaye Stafford, Avon Lake
 A.B. (Miami University)
 Robert Harvey Streitell, Columbus
 B.S. (State University of New York-
 Syracuse); M.Sc.
 James Edward Sullivan, Avon
 B.S.
 John William Swingle, Philo
 B.A. (Wittenberg University)
 Jeanne Denise Talbot, Athens
 B.S. (Ohio University)
 Terry L. Taylor, Columbus
 B.S.
 Thomas Lance Tharp, Hilliard

Howard Dean Todd, Salem
 B.S. (University of Cincinnati)
 Melissa Gale Trogdon, Perrysburg
 Jacqueline Anne Vernot, Yellow Springs
 Elizabeth Fultz Weber, Middleport
 B.A. (Capital University)
 James Michael Weber, Jr., Dover, Ky.
 B.Gen.Studies (University of Kentucky)
 Michael Kent Weisel, Columbus
 B.S., M.Sc.
 Jonathan McKim White, Columbus
 B.A. (Miami University)
 Linda Beatty Wiley, Cleveland
 B.S. (Cleveland State University)
 Richard Eugene Wiley, Canfield
 B.S.
 Peggy Jane Williamson, Delaware
 B.A. (Ohio Wesleyan University)
 Steven Craig Wilson, Winston-Salem, N. C.
 William Yamokoski, Columbus
 B.S. (United States Air Force Academy)
 Ruth Christine Zorn, Columbus
 B.S.

Degrees offered by the University

A.A./Associate of Arts
 A.A.S./Associate in Applied Science
 B.A./Bachelor of Arts
 B.A. Jour./Bachelor of Arts in Journalism
 B.A. Ed./Bachelor of Art Education
 B.F.A./Bachelor of Fine Arts
 B.Mus./Bachelor of Music
 B.Mus.Ed./Bachelor of Music Education
 B.S./Bachelor of Science
 B.S.A.A.E./Bachelor of Science in Aeronautical and
 Astronautical Engineering
 B.S.Agr./Bachelor of Science in Agriculture
 B.S.Agr./Bachelor of Science in Agricultural
 Engineering
 B.S.Alli.Hlth.Prof./Bachelor of Science in Allied
 Health Professions
 B.S.Arch./Bachelor of Science in Audio Recording
 B.S.Arch./Bachelor of Science in Architecture
 B.S.Bus.Adm./Bachelor of Science in Business
 Administration
 B.S.C.E./Bachelor of Science in Civil Engineering
 B.S.Cer.E./Bachelor of Science in Ceramic
 Engineering
 B.S.Ch.E./Bachelor of Science in Chemical
 Engineering
 B.S.C.I.S./Bachelor of Science in Computer and
 Information Science
 B.S.Ed./Bachelor of Science in Education
 B.S.E.E./Bachelor of Science in Electrical
 Engineering
 B.S.E.P./Bachelor of Science in Engineering Physics
 B.S.H.E./Bachelor of Science in Home Economics
 B.S.Food Sc./Bachelor of Science in Food Science
 B.S.Food Tech./Bachelor of Science in Food
 Technology
 B.S.Ind.Des./Bachelor of Science in Industrial
 Design
 B.S.I.S.E./Bachelor of Science in Industrial and
 Systems Engineering
 B.S.Land.Arch./Bachelor of Science in Landscape
 Architecture
 B.S.L.H.R./Bachelor of Science in Labor and
 Human Resources
 B.S.M.E./Bachelor of Science in Mechanical
 Engineering
 B.S.Met.E./Bachelor of Science in Metallurgical
 Engineering
 B.S.Mng.Engr./Bachelor of Science in Mining
 Engineering
 B.S.Nat.Res./Bachelor of Science in Natural
 Resources
 B.S.Nurs./Bachelor of Science in Nursing
 B.S.Nutrition/Bachelor of Science in Nutrition
 B.S.Pharm./Bachelor of Science in Pharmacy
 B.S.Rest.Mgt./Bachelor of Science in Restaurant
 Management
 B.S.Soc.Wel./Bachelor of Science in Social Welfare
 B.S.Surv./Bachelor of Science in Surveying
 B.S.W.E./Bachelor of Science in Welding
 Engineering
 C.E./Civil Engineer

Cert.Grad.Dent.Hyg./Certificate of Graduate Dental
 Hygienist
 Cert.Nurs.Anest./Certificate of Nurse Anesthetist
 Cert.Post.Bacc.Circ.Tech./Certificate of Post
 Baccalaureate Circulation Technologist
 Cert.Post.Bacc.Med.Illus./Certificate of Post
 Baccalaureate Medical Illustrator
 Cert.Post.Bacc.Med.Tech./Certificate of Post
 Baccalaureate Medical Technologist
 Cert.Sp1.Edu1.Adm./Certificate of Specialist in
 Educational Administration
 Cert.Sp1.L.Am.St./Certificate of Specialist in
 Latin American Area Studies
 Cert.Sp1.R.A.S./Certificate of Specialist in
 Russian Area Studies
 Cert.Sp1.T.R.S.S./Certificate of Specialist in
 Translation from the Russian Social Sciences
 Cert.Stud.East Asia/Certificate of Study in East
 Asian Studies
 Cert.Stud.Latin Am./Certificate of Study in Latin
 American Studies
 Cert.Stud.Med.Commun./Certificate of Study in
 Medical Communications
 Cert.Stud.Med.Diet./Certificate of Study in
 Medical Dietetics
 Cert.Stud.Med.Rec.Adm./Certificate of Study in
 Medical Record Administration
 Cert.Stud.Mid.East/Certificate of Study in Middle
 East Studies
 Cert.Stud.Nurs.Anest./Certificate of Study in Nurse
 Anesthesia
 Cert.Stud.Occ.Ther./Certificate of Study in
 Occupational Therapy
 Cert.Stud.Phys.Ther./Certificate of Study in Physical
 Therapy
 Cert.Stud.Rad.Tech./Certificate of Study in
 Radiologic Technology
 Cert.Stud.Resp.Tech./Certificate of Study in
 Respiratory Technology
 Cert.Stud.Slav. & E.Eur./Certificate of Study in
 Slavic and East European Studies
 Cert.Stud.V.M./Certificate of Study in Veterinary
 Medicine
 Cert.Tesol/Certificate for Teaching English to
 Speakers of Other Languages (Tesol)
 D.A./Doctor of Arts
 D.D.S./Doctor of Dental Surgery
 D.M.A./Doctor of Musical Arts
 D.V.M./Doctor of Veterinary Medicine
 E.E./Electrical Engineer
 I.E./Industrial Engineer
 J.D./Juris Doctor
 M.A./Master of Arts
 M.Acc./Master of Accounting
 M.Appl.Stat./Master of Applied Statistics
 M.Arch./Master of Architecture
 M.B.A./Master of Business Administration
 M.C.P./Master of City Planning
 M.C.R.P./Master of City and Regional Planning
 M.D./Doctor of Medicine
 M.E./Mechanical Engineer
 M.F.A./Master of Fine Arts
 M.H.A./Master of Health Administration
 M.L.H.R./Master of Labor and Human Resources
 M.Land.Arch./Master of Landscape Architecture
 M.Mus./Master of Music
 M.P.A./Master of Public Administration
 M.S./Master of Science
 M.S.Pub.Admin./Master of Science in Public
 Administration
 M.S.W./Master of Social Work
 O.D./Doctor of Optometry
 Ph.D./Doctor of Philosophy

Graduates with Honors

Summa Cum Laude

Cheryl Clay Babcock
James Edward Ballenger, II
Lynnette Ann Barnes
Ruth Ellen Barr
Robert Thomas Biedron
Craig Allen Blue
Kathy L. Bowman
Jennifer Anne Burris
Patrick Joseph Callahan
Christopher Cannell
Kathryn Anne Cardaci
David Brian Carwile
Nancy Ellen Childress
Eun Won Cho
Richard Alan Couch
Tasia Marie Coury
Diane Dapsis
Linda Kathryn Davis
James Calhoun Delong
William Robert Dempwolf
Janet Louise Deringer, RN
David Scott Downie
Debby Marie Dunlap
Martha Ann Dunn
Kathleen Marie Emborsky
Susan Eleanor Forchheimer
Mark Andrew Freeman
Wendy Alison Fulton
Nancy Ann Giunto
Robert A. Glatz
Lewis Howard Goldfarb
Michele Ileen Goodman
Julie Ann Graber
Thomas Edward Graham
Keith Gordon Gruber
Stephen Guidos
Robert Leo Guinan
Brenda Boyd Gulliford
Alan Charles Guschung
Mary Elizabeth Hanover
Laurence Allen Harlan
David Alan Heilman
Marsha Lynn Helmer
Teresa Lynn Henley
William Lester Hudson
Roy O. Inouye
Famela Ann Jaffe
Jacqueline Joy Jenkins
Robin Gay Jenkins
Anne Louise Johnson
Daniel Jay Johnson
Kelly James Kelleher
Debbie L. King
Jacqueline Lee Kocar
Paul D. Kochanowski
Kathy Jo Kolich
Denice Linn Kretzman
Aruna Narain Lalwaney
Beverly Kaye Lehr
Janice Eileen Lindner
Lisa Ann Malloy
Alana Goldie Marietta
John Willard McCallister
Elizabeth Ann McMahon
Kathleen Lynn Nesser
Timothy Mahlon Offenberger
Michael Miller Ott
Nanette Lynn Paden
Cheryl Dalene Paschall
Eric Braden Paul
Anne A. Payne
Toby K. Pettierew
Jeanne Nordheim Pfister
Elaine Louise Puckett

Michelle Veronique Quesada
Elaine Ragazzo
Roberta Anne Ralston
Timothy Brian Rasor
Thomas P. Reed
Nancy Kathleen Reger
Nancy Jo Rinehart
Richard Edward Scheetz, Jr.
Mike Schmukl
Fay Esther Schneider
Brenda Joann Schroeder
John Bales Schorling
Daniel Dreese Sedmak
George Meade Shaw
Susan Koerner Slesman
Stephen Scott Snedden
Julie Ellen Snider
Randy S. Snyder
Tracy Lynn Stewart
Walter Stoll
Becky Ann Thiel
Michael W. Trickey
Melissa Gale Trogdon
David George Vutetakis
Cynthia Webber
Chris Paul Williams
Nancy Lynn Wolffing

Summa Cum Laude with Distinction
John Robert Bogart

Summa Cum Laude with Distinction in Agricultural Economics
Sharon B. Stackhouse

Summa Cum Laude with Distinction in Animal Science
Andrew Mark Purdy

Summa Cum Laude with Distinction in Dairy Science
Carolyn Diane Eselgroth

Summa Cum Laude with Distinction in Environmental Interpretation
Tamara Lynn Nelson
Nancy Jean Weisz

Summa Cum Laude with Distinction in Psychology
Dirk Douglas Steiner

Summa Cum Laude with Distinction in Respiratory Technology
Deryl Edwin Gulliford

Summa Cum Laude with Distinction in Wildlife Management
Diana Dorothy Morawetz

Summa Cum Laude with Distinction in Geology and Mineralogy and Honors in the Liberal Arts
Richard Blaine Alley

Summa Cum Laude with Honors in the Liberal Arts
Teresa Whitenack Lewis

Cum Laude

Elizabeth A. Adams
Gary James Alexander
Randall Carlton Alger
Roy Harold Amacher
Steven Louis Anderson
Teresa Vos Avci
Madeleine Jean Andrews
April Marie Atwood

Sharon Kay Babbert
Anne Marie Baker
Jane Marie Balzer
Paul Scott Bankert
Robert A. Barach
Caroi Marie Bartell
Jeffrey Wayne Basch
Margaret Ann Baumgardner
Michael F. Baus
Mary Ellen Beardmore
Gregory John Beck
Denise P. Beilstein
Terry Wayne Bell
Joyce Brinkman Best
Bonnie K. Bierbaum
Christopher Reid Blauser
Amy Jo Bowersox
Nancy Jo Gelfius Braden
Carol Joanne Braun
Kathryn Lee Brinker
Elizabeth Ann Brumfield
John Bruno
Gerald Edward Brust
William Buckley
Richard William Burke
Mark William Burnett
Jefferson Mark Burroughs
Gary D. Burton
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Jill Louise Calame
Michael Edward Callahan
Cathleen Carney
Herbert Bradford Carson
David William Carter
Tamara Jean Carter
Catherine Ann Cech
Julie Lynn Chandler
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Kathleen Jean Clark
John Watson Cochran
George Sarkis Coury
Jodie Anne Coventry
Kathleen Susan Cox
Robin Dale Cox
Michael Wall Currie
Richard Daniels
Daryl Foster Daugherty
Robert Brent Dennis
Andrew Bruce Derrrow
Diane Placke Dierckman
Linda Kay Dhirkop
Laura Suzanne Dill
David Neal Diner
Robert Joseph Drexler
Donna Lee Dunsworth
Fred David Ehrman
Mark Christopher Ely
Diana Ferich
Robert Ewing Filer
Dennis Christopher Flanagan
Faith Carole Flower
Susan Edwards Foster
Kathleen Marie Fox
Harold Charles Franley, Jr.
Cristy Ann Freese
Marc Terrence Fried
Timothy Alder Frye
Mark William Furlong
Jean Geib
Cynthia Louise Geiger
Lee Alan Gibbons
Patricia Lynn Greenspon
Cindy Lee Grines
Cynthia Ellen Groves
Roy Lynn Gumsols
Judy Lynn Hausrath
David Nye Havlin
Kimberly Lou Hazelwood
Aimee Louise Hedrick
David Edward Heffner

Paul Heilman
John Michael Hempfing
Robert Herbert
John Mark Hernstein
LuAn Hill
Nancy Thomas Himmer
Jay Scott Hollinger
Patricia Ann Hooker
Lynn Louise Hubach
Douglas Dean Hunter
John Mark Hyde
Craig Lee Hyser
Mary Ellen Hooley
James Richard Jackson, Jr.
Gilbert Jean Jacobs
Evan Bruce Janovitz
Agnes Regina Jochenning
Judy Thornsberry Jordan
Judith Lyn Justice
Hermann Walter Kaebnick
Kaye Louise Kafer
Debra Lu Kauffman
Sara Ann Kendall
Marle Leslie Kennedy, Jr.
Cynthia Lynn King
Nanette Ruth Kleinman
Kathleen Jane Kline
Roger Loring Knight
Joel Richert Koch
Donald Joseph Krock
Linda Gail Krouse
Keith Andrew Lane
Cynthia Ann Lashinger
Richard Bradley Lehman
Carole Kwang Lin
Sarah Louise Lockard
David Dale Long
Leslie Jean Loomis
Karen Michele Lopper
Marcia A. Mack
Scott Mitchell Mandel
David John Marschall
Marcia Lynn Mauter
Lynne Kay Mayer
Laurie Kay McCauley
Mark David Mellman
Margaret Mary Snyder Mellor
Jetta Lynn Mencer
Mark Richard Miller
Randy Robert Miller
Valerie Ann Miller
Michael Mark Milner
Scott Edward Miner
Patrick Gerard Moeller
William Ronald Moodispaw
Nancy Duncan Montague
Janine E. Moreau
Mary Anne Morter
Pamela Ann Murray
Susan Schuyler Nelson
Molly Jane Norris
Lynn Marie Nuesse
Kim Sue Nutter
Philip Donald Offenbacher
Timothy Mahlon Offenberger
Karen Rosanna Kaye Osborne
Thomas Gerard Overmeyer
Mark Vincent Packard
Timothy Ignatius Panzica
Susan Elaine Partlow
Cheryl Dalene Paschall
Andrew Valentine Pasholk
Dean Arthur Pfirman
Margaret Pierce
Ina Pogos
Susan Lynn Portz
Virginia Jean Powell
Ann Marie Poydock

Gary Robert Prok
Jeffrey Boone Purvis
Daniel Joseph Ramsey
Mohan Kandarpa Rao
Shelley Kay Reese
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Eric Alan Rieve
Sherry Nance Riley
Reva S. Remer
Richard S. Ringler
Edward William Rogers
Rebecca Renee Root
Peter Arden Ropp
Thomas J. Rossi
John Robert Roth
Mary Ann Rozum
Lisa Leanne Sadler
Jayne Ellen Sage
Ronald Louis Sauer
James Arthur Schmitz
Frances Coffey Scono
Patricia Ann Seitz
Donna Jean Sexton
Lorraine Harper Shacklett
James Sheets
Kim Louise Shelley
Harriet Houren Shields
Maribeth Lee Shreves
Ellen Mae Silva
Timothy Eugene Simmons
Steven Allen Smalley
Nancy Ann Smaltz
Rachel Marie Smith
Steven Bryan Smith
Valerie Kay Smith
Cynthia Lee Snavely
Carol Sampsel Spahlinger
Belinda Kay Spohn
Tamara Ann Squire
Leonard William Stauffenger
John Robert Stechschulte
Rodney Lynn Stephan
Mark Stephens Stephenoff
Lisa Ann Stillings
Hugh Richard Storer
Michelle Robin Stover
Wayne Gordon Stuber
Martin James Sullivan
Michael Joseph Sullivan
Jeanne Denise Talbott
Carolyn Ann Tauber
Barbara Isabella Taylor
Barry Michael Taylor
Cynthia Sue Taylor
Deborah Gaye Taylor
David Kevin Temple
David Drew Toben
David Lancaster Tolley
Mary Lou Trunick
Cynthia Louise Tulisak
Constance Sue Tully
Laura Lee Turner
Joel Edwin Urbany
Leslie Carol Van Oort
Jacqueline Anne Vernot
Marcia Jane Vette
Thomas William Voglewede
Elizabeth Ann Vollmer
Elaine Beth Voorhis
N. Michael Walters
Debra Sue Warburton
Alan Jon Warner
Julia Denise Weaver
Arthur Aaron Weisman
Steven Philip Weiss
Melissa Ann Welch
Stanley Kent Weldy
Reed Westervelt

Sharon Kay Wetzel
Denise Vickie Weyl
Anne Marie Whelan
Donald Lee White
Jonathan McKim White
Bernard Julius Wilker
Mark Eric Williams
Peggy Jane Williamson
Lisa Anne Willoughby
Randy Eugene Wilson
Scott Edward Wilson
Deborah Ann Wine
Ruth Rifka Winter
Nancy Lynn Wolfing
Cheryl Jean Wolber
Jeffrey Palmer Yoest
Harry Michael Yokum III
Laura Rae Young
Miriam Young
Lynn Ann Yut
Diana Meiring Zitter
Mary Margaret Zorko

Cum Laude with Distinction
Dave Forest Parson
Roger Edwin Stout

Cum Laude with Distinction in
Agricultural Economics
John Allen Van Sickle

Cum Laude with Distinction in
Agricultural Education and Horticulture
Theresa Ann Kline

Cum Laude with Distinction in
Animal Science
Nancy Joyce Hill

Cum Laude with Distinction in Astronomy
John Franklin Scott

Cum Laude with Distinction in Chemistry
George H. Spies

Cum Laude with Distinction in Entomology
Bruce Wayne Triplehorn

Cum Laude with Distinction in Horticulture
Michael Scott Smith

Cum Laude with Distinction in Music
Paul Robert Laird

Cum Laude with Distinction in
Natural Resources Development
Sandra Lee Mackey

Cum Laude with Distinction in
Economics and with Honors in the
Liberal Arts
Mark Rosenstein

Cum Laude with Distinction in
Linguistics and with Honors
in the Liberal Arts
Timothy James Dawe

Cum Laude with Honors in the Liberal Arts
James Lawrence Bighouse
Michael Gfoeller
Sonja Maria Haller
Steven Douglas Hinkle
Susan Jane Kugel
Sahba E. Ma'Ani
Michael Dean McGinnis
Corinne Idell Miller
James David Pawlik
Christopher Alan Slapak

With Distinction
Julie Ann Graber
David Allen Ksienski
Kay Ellen Wetterstroem

With Distinction in Agricultural Economics
Jodie Lee Stearns

With Distinction in Animal Science
Dianne Carolyn Eddie
Michael Louis Radvansky

**With Distinction in Animal Science
and Agricultural Education**
Carla Jeanne Tonne

With Distinction in Anthropology
Nathan Edward Bender

With Distinction in English
John Robert Spring

**With Distinction in Environmental
Interpretation**
Francis Martin Brockmeyer, Jr.

With Distinction in Forest Biology
Kenneth Alan Joehlin

**With Distinction in Forest Industries
Management**
Edward Alan Armbruster

With Distinction in Horticulture
Thomas Leslie Prince

**With Distinction in Medieval and
Renaissance Studies**
Susan Christine Lenz

**With Distinction in Natural Resources
Development**
Julia Lynn Belli

With Distinction in Psychology
Gregory Alan Archer
John M. Manos

With Distinction in Respiratory Technology
Gary Martin Ansel

**With Distinction in Biochemistry
With Honors in the Liberal Arts**
Amanda Janice Muench

**With Distinction in English
With Honors in the Liberal Arts**
Barbara H. Boring

**With Distinction in Geology and
Mineralogy and With Honors in the
Liberal Arts**
Cynthia A. Richardson
Michael Aaron Rosen

**With Distinction in History and
With Honors in the Liberal Arts**
David Irwin Schiff

**With Distinction in Philosophy and
With Honors in the Liberal Arts**
Samuel Robert Starr

**With Distinction in Physics and
With Honors in the Liberal Arts**
Robert Joseph Taylor

**With Distinction in Psychology and
With Honors in the Liberal Arts**
Freeman Lowell Clark

With Honors in the Liberal Arts

Sherron C. Bailey
Terri Ellen Borkan
Mark Charles Brookes
Nancy Jane Decker
Susan Lynn Einsel
Marcy Beth Gerrard
Diane Luteran
Patrick J. Pascarella
Mark Julius Pellegrino
Jay Martin Sadler
Dana Karl Schirtzinger
Linda Carol Starr

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

Columbus, Ohio, June 12, 1980

The Board of Trustees met at its regular monthly meeting on Thursday, June 12, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Chester Devenow, Chairman, Patricia D. James, Warren J. Smith, John D. Jacob, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, and Leonard J. Immke.

* * *

Minutes of the last meeting were approved.

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Mr. Devenow introduced the new member of the Board:

I would like to introduce Mr. Leonard J. Immke, Columbus, Ohio, whose appointment was announced by Governor James A. Rhodes on May 13, 1980, for the term beginning May 14, 1980 and ending May 13, 1989, to succeed Dr. Howard D. Sirak, whose term expired.

Mr. Immke, who is President and General Manager of Len Immke, Inc., automobile agency, previously had served an interim term on The Ohio State University Board of Trustees from February 1, 1979 to May 13, 1979, completing a term which was left vacant by the resignation of John L. Gushman.

* * *

June 12, 1980 meeting, Board of Trustees

ELECTION OF ACTING TREASURER

Resolution No. 80-122

WHEREAS paragraph (B) of rule 3335-1-02 of the Administrative Code provides for replacement of Board officers through election; and

WHEREAS Mr. James W. Kristoff, who has served as Treasurer of this Board, has resigned from this University position; and

WHEREAS a successor has not been found as of this date:

NOW THEREFORE

BE IT RESOLVED, That Mr. Richard D. Jackson be elected as Acting Treasurer of this Board, effective July 1, 1980.

Upon motion of Mr. Hilliker, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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Mr. Devenow announced the committee appointments for 1980-81.

COMMITTEE APPOINTMENTS 1980-81

Resolution No. 80-123

WHEREAS the appointments to Committees and the representatives to the Research Foundation Board of Directors, the Development Fund Board of Directors and the Inter-University Council for 1980-81 are as follows:

Educational Affairs Committee

John D. Jacob, Chairman
Daniel M. Galbreath, Vice Chairman

Warren J Smith
Chester Devenow, Ex Officio

Fiscal Affairs Committee

D. James Hilliker, Chairman
John F. Havens, Vice Chairman

Edmund C. Redman
Chester Devenow, Ex Officio

OARDC Agenda Review Committee

Daniel M. Galbreath, Chairman
John M. Stackhouse, Vice Chairman

Warren J Smith
Chester Devenow, Ex Officio

Student Affairs Committee

John F. Havens, Chairman
D. James Hilliker, Vice Chairman

Leonard J. Immke
Chester Devenow, Ex Officio

June 12, 1980 meeting, Board of Trustees

COMMITTEE APPOINTMENTS 1980-81 (contd)

Personnel Committee

Chester Devenow, Chairman
Warren J Smith, Vice Chairman

Patricia D. James

Development Fund Board

Edmund C. Redman

Leonard J. Immke

Inter-University Council

Patricia D. James

Research Foundation Board

Edmund C. Redman (April 1983)

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, and the Inter-University Council for 1980-81 be approved.

Upon motion of Mrs. James, 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. 80-124

Synopsis: Resolutions honoring the service of nine of this 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.

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

J. Norman Allen

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 31, 1980, of James Norman Allen, M.D., Professor (Helen C. Kurtz Chair in Neurology) and Director of the Division of Neurology of the Department of Medicine.

June 12, 1980 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

J. Norman Allen (contd)

Dr. Allen was born in Atlanta, Georgia, on January 7, 1925. He attended Emory University and later its medical school for two years. He then transferred to the Harvard Medical School where he graduated Cum Laude in 1949. He served medical and neurological house officerships at the Peter Bent Brigham Hospital and the Boston City Hospital. Following further training in the field of neurology and military service, he went to the University of North Carolina in Chapel Hill as an Instructor in Neurology in September 1955. He rapidly advanced to the rank of Associate Professor not only in neurology, but in anatomy and biochemistry as well. In May 1965, he was appointed Professor of Medicine (neurology) and Director of the Division of Neurology of the Department of Medicine at The Ohio State University. He served in that position until his death. At this University he also held Professorial appointments in the Departments of Physiological Chemistry and Pediatrics. In 1979, he was named to the Helen C. Kurtz Chair in honor of his outstanding accomplishments.

Dr. Allen was a leader in American neurology and served on many committees, study sections and other technical organizations. He served as a member of the University Senate and the Executive Committee of the College of Medicine. As Chairman he guided the College of Medicine Committee on Human Research during its critical formative years. Within the Department of Medicine, he developed a distinguished Division of Neurology always giving staunch support to the classic academic goals of effective teaching through exemplary patient care interwoven with research and scholarly activity. He chaired a landmark committee for the Department of Medicine which developed a practice plan in 1969.

Dr. Allen was an excellent example of the best of contemporary clinical scientists. His research involved some of the most fundamental and sophisticated subcellular biochemistry of the central nervous system. His teaching in the Department of Physiological Chemistry attested to his knowledge in that area. On the other hand, he remained a clinician, dealing with problems such as the determination of brain death, spinal cord injury and the analysis of toxic effects from manufacturing processes. He was a true scholar. He fully savored the intellectual challenge of learning about the brain. He gave living truth to the great William Harvey's description of such study as "the divine banquet of the brain."

On behalf of the University community, the Board of Trustees expresses to the family 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.

Leonard D. Bayer

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 1, 1980, of Leonard D. Bayer, Professor Emeritus in the Department of Agronomy.

Professor Bayer was widely known as an expert on tropical soils and tropical crop production and as an agricultural educator, researcher and administrator. Prior to retiring from Ohio State in 1972 and moving to California, he had taught and conducted research in soil physics and related fields at Ohio State and other institutions for 49 years.

June 12, 1980 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Leonard D. Baver (contd)

He was a past president of the Soil Science Society of America, past president of Commission 1 (Soil Science) of the International Society of Soil Science, and a fellow in the American Society of Agronomy.

He had B.S. and M.S. degrees from Ohio State and a Ph.D. degree from the University of Missouri, as well as honorary degrees from the University of Hawaii and North Carolina State University.

At Ohio State he was Professor of agronomy from 1965-72 and Chief of Party for Ohio State's team in Udaipur, India, in 1965-66. In addition he had taught or done research at Alabama Polytechnic Institute, University of Missouri, and at North Carolina State, where he was Director of the Agricultural Experiment Station and Dean of Agriculture.

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.

Lela Hardy

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 19, 1980, of Lela Hardy, Associate Professor Emeritus in the School of Music, College of the Arts.

Miss Hardy joined the faculty of The Ohio State University in 1928 and served as a teacher of piano. She also conducted a daily WOSU radio program, "Survey of Piano Literature," for a number of years.

Miss Hardy was a member of Pi Kappa Lambda, national music honorary, and Alpha Rho Tau, national fine arts honorary. She was a social worker before beginning her career as a teacher of music at the college level.

Miss Hardy received her formal education at the University School of Music, Lincoln, Nebraska; State University of Nebraska; and Radcliffe College. She was awarded the degrees Bachelor of Music, Bachelor of Fine Arts, and Master of Arts.

Since her retirement from The Ohio State University in 1955, Miss Hardy had made her home in Santa Barbara, California.

On behalf of the University, the Board of Trustees wishes to express its sympathy at her passing and to acknowledge the many contributions she made to the School of Music during her tenure at The Ohio State University. It was directed that this resolution be inscribed in the minutes of the Board of Trustees.

June 12, 1980 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Ruth W. Hughey

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 28, 1980, of Dr. Ruth W. Hughey, Professor Emeritus, Department of English.

Dr. Hughey was born in Gentry, Arkansas, on September 11, 1899. She obtained a B.A. degree from Hendrix College in 1920, M.A. degree from Columbia University in 1921, and Ph.D. degree from Cornell University in 1932. She taught at various schools, including the University of Missouri and Mt. Holyoke, before joining the faculty of The Ohio State University in 1939.

Dr. Hughey was a specialist in the Renaissance and editor of one of the most important collections of early English literature, *The Arundel Harington Manuscript of Tudor Poetry*, (published by The Ohio State University Press in 1960), and author of two other books on Renaissance England. At various times during her career, Dr. Hughey was a Guggenheim Fellow, a Fellow of the American Association of University Women, and an Elizabeth Clay Howald Fellow at The Ohio State University.

Following her retirement in 1969, Dr. Hughey lived in Atlanta, Georgia.

On behalf of the University community, the Board of Trustees expresses to the family 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 sincere expression of the Board's realization of the loss which the family and The Ohio State University have sustained.

Eric C. Jelly

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 31, 1980, of Eric C. Jelly, Professor of Family Medicine and Director of The Ohio State University Family Practice Residency Program.

Professor Jelly was born in London, England, and educated in England where he received his Bachelor of Medicine and Bachelor of Surgery. He earned the Diploma of the Royal College of Obstetrics and Gynecology and "Boards" in Family Practice from the Royal College of General Practitioners, and practiced in England for over fifteen years, as well as served as a college physician.

Dr. Jelly's career in education began while still in practice, as he became a founding member of the Chichester Postgraduate Committee. He went on to become residency director for a three-year family practice program at Saint Richard's Hospital, Chichester.

In 1975, Dr. Jelly came to the United States as a Visiting Assistant Professor of Family Medicine and directed the divisions of Evaluation and Behavioral Science at the University of North Carolina, Department of Family Medicine.

June 12, 1980 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Eric C. Jelly (contd)

Professor Jelly has published and presented extensively on a variety of subjects including geriatric training for residents, socio-medical aspects of aging, stress on the physician, group therapy life cycle medical curriculum, and evaluation in resident education. His most recent research involved the medical marriage in stress.

Dr. Jelly joined The Ohio State University Family Medicine Department just fifteen months ago--to lead our Family Practice Residency Program. When asked why he selected this difficult position over easier alternatives, he answered that it was because of the opportunity of influencing the large number of medical students--233 per class. He gained strength and vibrance from the greater challenges and saw the opportunities in difficult situations. Dr. Jelly was a superb clinician and a compassionate friend and counselor to his patients, but above all he was a gentle teacher to his students and residents, respectfully prodding them to the limits of their ability. His glow of enthusiasm was leavened with an intellectual authority that made him noticed by his colleagues, respected by his students and residents, and looked up to by his staff. Under his influence, his family practice peers strived to perfect their teaching skills. He was more an educator than a teacher and created in the residency program a dynamic, inspired atmosphere as he insisted upon a disciplined mind, but taught that there also need be a place in the life of physicians for family, love, fun, and spice of life. His accomplishments here in just fifteen months were enormous, and he left a legacy which provides a deep foundation upon which to build further as we take his optimism and innovative riches as our guiding beacon.

On behalf of the University community, the Board of Trustees expresses to the family 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.

J. Henry Kaiser

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 23, 1980, of Dr. J. Henry Kaiser, Professor Emeritus in the College of Dentistry.

Dr. Kaiser received his D.D.S. degree from The Ohio State University in 1934.

Dr. Kaiser was a member of the faculty of the College of Dentistry from 1939 until his retirement June 30, 1967, and maintained a very successful private practice. He was Chairman of Endodontics from 1944 to 1967. He was also Chairman of the Department of Pharmacology from 1941 to 1944.

Dr. Kaiser was a member of the American Dental Association; Council on Dental Therapeutics; Ohio State Dental Association; Columbus Dental Society; International Association for Dental Research, Columbus Section; American Society of Dentistry for Children; American Association of Endodontists; Federation Dentaire Internationale Dentistry; and honorary member of Pierre Fauchard. He held memberships in the Faculty Club, Columbus Maenchor, Buckeye Boosters, and Omicron Kappa Upsilon Dental Honorary.

June 12, 1980 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

J. Henry Kaiser (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.

Frank McLean Mallett

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 7, 1980, of Frank M. Mallett, Associate Professor, Departments of Engineering Graphics and Aeronautical and Astronautical Engineering.

Professor Mallett was born in Sharon, Pennsylvania, on February 9, 1913. He received the Bachelor of Arts degree, magna cum laude, with specialization in mathematics, from Kenyon College in 1934, and the Master of Science degree, with major area of study in aeronautical and astronautical engineering, from The Ohio State University in 1948.

Professor Mallett began his career as a Teaching Associate in the Department of Mathematics, The Ohio State University, from 1934-1938, and was an Instructor in the Department of Mathematics, Grove City College, Pennsylvania, in 1939. He returned to Columbus in 1940 and joined the Curtiss Wright Corporation as a Senior Design and Research Engineer. He resumed his academic career in 1947 as an Instructor in the Department of Aeronautical and Astronautical Engineering, The Ohio State University. Professor Mallett was given a joint appointment in the Department of Engineering Graphics in 1975, giving full-time service to that department until his untimely death.

Professor Mallett wrote a number of technical articles and papers, including several contributions to the *Encyclopedia of Science and Technology*. He was a member of the American Association of University Professors, a Fellow of the British Interplanetary Society, Phi Beta Kappa, and Delta Tau Delta fraternities. He was Warden and Vestry member of the St. Stephens Church.

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.

Gerald Bennett Rice

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 27, 1980, of Gerald Bennett Rice, Assistant Professor of English at The Ohio State University Mansfield Campus.

Professor Rice was a uniquely talented faculty member who dedicated himself not only to the education of his English students but also in the dramatic training of the student players

June 12, 1980 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Gerald Bennett Rice (contd)

in his many theatrical productions. Among the many outstanding theatrical productions Professor Rice presented at Mansfield Campus were *Tea and Sympathy*, *Our Town*, *Midsummer Night's Dream*, *Glass Menagerie*, and *Romeo and Juliet*. His special dramatic flair and his inspirational personality as a teacher attracted hundreds of students to participate in various extracurricular activities for which Professor Rice was advisor. These activities included student newspapers, campus journals, and literary magazines. He sponsored and participated in a series of parliamentary debates, was creator and host of a weekly radio program called *Campus Kaleidoscope*, and appeared on a local television news program as reviewer of films, plays, and musical events. Professor Rice was also one of the faculty sponsors of the many cultural events and lectures that have been featured at the Mansfield Campus over the years. His eloquent manner of oratory and powerful presence in the classroom will live in the memory of his students.

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.

Maude M. Slawson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 3, 1980, of Maude M. Slawson, Associate Professor Emeritus in the School of Music, College of the Arts.

Miss Slawson joined the faculty of The Ohio State University in 1930, and served as an Associate Professor of music education. She was director of the Women's Glee Club from 1930-36. She was also involved in the "School of the Air" series on WOSU radio under whose auspices she presented the "Time for Music" program for nine years. She was a former vocal concert artist before assuming her role as a teacher of music at the college level.

Miss Slawson received her formal education at Washington State University, and Teachers College, Columbia University. She was awarded the degrees Bachelor of Music (magna cum laude) and Master of Arts.

Since her retirement from The Ohio State University in 1958, Miss Slawson made her home in La Jolla, California.

On behalf of the University, the Board of Trustees wishes to express its sympathy at her passing and to acknowledge the many contributions she made to the School of Music during her tenure at The Ohio State University. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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June 12, 1980 meeting, Board of Trustees

AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY

Resolution No. 80-125

Synopsis: Changes in the Rules of the University Faculty 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 *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 10, 1980, as follows:

3335-3-16 Ombudsman.

- (A) The ombudsman shall be appointed by the president with the approval of the board of trustees, from among a panel of three candidates presented by an ad hoc search committee composed of twelve members as follows:
- Two faculty members, selected by the faculty council
 - Two undergraduate students, selected by the student assembly
 - Two graduate students, selected by the council of graduate students
 - Two professional students, selected by the graduate-professional council
 - Two alumni, selected by the Ohio state university alumni association, and
 - Two non-teaching staff, appointed by the president of the university.

3335-7-21 Marks.

(F) "EM"--examination

- (2) Examination credit shall not be given to a student for a course in which he has received a mark at this university or for which he has transfer credit from some other college or university. Conversely, no course for which "EM" credit has been received can be taken later for a grade or credit. No credit points are allowed for courses in which a mark of "EM" is given.

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

- (6) Before noon of the sixth Saturday of a quarter or the third Saturday of a term, a student must have declared his intention to take a course on the pass/non-pass basis by filing the appropriate forms with the dean or director of his enrollment unit. A student may not change to or from the pass/non-pass option after noon of the sixth Saturday of a quarter or the third Saturday of a term.

3335-9-20 Improper registration.

Admission or registration may be cancelled by the assistant vice president for registration services in cases of improper registration or when false or incomplete

June 12, 1980 meeting, Board of Trustees

AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

3335-9-20 Improper registration. (contd)

information is provided on the application for admission, or registration forms, or other official documents. No credits earned subsequent to such cancellation and prior to proper admission or registration shall be entered upon the permanent record of the student. Students whose admission or registration is cancelled are not entitled to any refund of fees.

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to *Rules of the University Faculty* be adopted by the Board of Trustees for inclusion in the next publication of the *Rules of the University Faculty*.

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

Mrs. James:

A minor question. But what's the point in getting exam credit if you're not given credit points?

Provost Reynolds:

Oh, no, you're not given credit points if you're--it simply won't go on your transcript. It will serve as a prerequisite that you can take a course or that you qualified, but you won't get hours of credit as if you had taken the course. It qualifies you.

Mrs. James:

Right, but there's no way now that a student can get credit by examination for any course?

Provost Reynolds: That's right.

Dr. Vandament:

There is a possibility--the distinction in the credit points is between whether it counts in the grade point average or not. The credit hours count towards graduation requirements, but in computing a grade point average, those grades are not counted.

Mrs. James: Then that's what that's saying there. It isn't--

Provost Reynolds: Yes, it's simply you're meeting requirements.

Mrs. James: It says you don't get credit points for it--you mean grade points.

June 12, 1980 meeting, Board of Trustees

AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

Dr. Vandament:

The first part of the rule change actually prevents the duplication of credit; that is, it states the person cannot get credit twice for the same thing. The person takes the course formally. The second part simply specifies that credit points are a technical, internal term meaning—in other institutions they are sometimes called quality points. You get two quality points for a “C”; three quality points for a “B” and four for an “A,” then you compute the grade point average by adding up all the quality points and dividing by the number of credits. It says that in computing the grade point average these courses will be excluded.

Mr. Scott: As a part of that computation--

Mrs. James: But if it is a 3.4 then he will get 3 credit points.

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**CHANGE NAME FROM DEPARTMENT OF MEDICAL MICROBIOLOGY
TO DEPARTMENT OF MEDICAL MICROBIOLOGY AND IMMUNOLOGY**

Resolution No. 80-126

Synopsis: Name change from Department of Medical Microbiology to Department of Medical Microbiology and Immunology is being proposed.

WHEREAS the College of Medicine has requested the name of the Department of Medical Microbiology be changed to the Department of Medical Microbiology and Immunology; and

WHEREAS the teaching, research, and service duties of the department include a strong component in immunology; and

WHEREAS the inclusion of “Immunology” in the name of departments of medical microbiology is a common practice at similar institutions in this country; and

WHEREAS the Council on Academic Affairs has approved the proposed name change:

NOW THEREFORE

BE IT RESOLVED, That the proposal as approved by the University Senate May 10, 1980, to change the name of the Department of Medical Microbiology to the Department of Medical Microbiology and Immunology, be adopted.

Upon motion of Mrs. James, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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HONORARY DEGREES

Resolution No. 80-127

Synopsis: Approval is requested for awarding honorary degrees.

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:

John E. Corbally	Doctor of Laws
Mary Rosamond Haas	Doctor of Humane Letters
Frederick G. Kilgour	Doctor of Humane Letters
Howard Rosen	Doctor of Humane Letters
Edgar F. Shannon, Jr.	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 Mrs. James, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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WAIVER OF RULE 3335-9-14 (TIME OF REGISTRATION AND PAYMENT OF FEES; PENALTIES) FOR AUTUMN QUARTER 1980

Resolution No. 80-128

Synopsis: Request to waive Rule 3335-9-14 of the Administrative Code for Autumn Quarter, 1980 for the time of payment of fees.

WHEREAS Rule 3335-9-14 of the Administrative Code presently requires undergraduate students to pay all fees by the close of the third business day preceding the first day of classes, graduate and professional students to pay all fees by the close of the last business day preceding the first day of classes, and fees paid by mail to be postmarked the fourth business day preceding the first day of classes; and

WHEREAS it is desired that the last day to pay graduate, undergraduate and professional fees for the Autumn Quarter, 1980, be adjusted so as to minimize the congestion which occurs at the beginning of each Autumn Quarter and improve the flow of the Autumn Quarter fee payment process for the students:

June 12, 1980 meeting, Board of Trustees

**WAIVER OF RULE 3335-9-14 (TIME OF REGISTRATION AND
PAYMENT OF FEES; PENALTIES) FOR AUTUMN QUARTER 1980 (contd)**

NOW THEREFORE

BE IT RESOLVED, That payment of undergraduate, graduate and professional fees for the Autumn Quarter, 1980, be required by September 10, 1980. Fees paid by mail must be postmarked not later than September 10, 1980.

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

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**TRANSFER OF THE ADMINISTRATIVE HEADQUARTERS OF THE
MIDWEST UNIVERSITIES CONSORTIUM FOR INTERNATIONAL
ACTIVITIES, INC., AT THE OHIO STATE UNIVERSITY**

Resolution No. 80-129

Synopsis: Approval is requested for the transfer to the Ohio State campus of the administrative headquarters of the Midwestern Universities Consortium for International Activities, Inc., of which The Ohio State University is a member.

WHEREAS The Midwest Universities Consortium for International Activities, Inc., (hereinafter referred to as Consortium), an Illinois not-for-profit organization, was incorporated on January 30, 1964; and

WHEREAS the membership of the Consortium consists of the Board of Trustees of the University of Illinois, the Trustees of Indiana University, the Board of Trustees of Michigan State University, the Board of Regents of the University of Minnesota, the Board of Trustees of The Ohio State University, the Board of Trustees of The University of Iowa, and the Board of Regents of the University of Wisconsin System, who under the terms of the bylaws must contribute to the Consortium for its general purposes; and

WHEREAS the Consortium was formed to assist the member institutions in rendering more effective technical assistance abroad and to gain from their overseas activities the maximum of academic benefit on their respective campuses; and

WHEREAS The Ohio State University has been requested to serve as the host institution for the Executive Director's office:

NOW THEREFORE

BE IT RESOLVED, That the President or his designated representative be authorized to negotiate a contract for a term of one (1) year effective July 1, 1980 through June 30, 1981,

June 12, 1980 meeting, Board of Trustees

**TRANSFER OF THE ADMINISTRATIVE HEADQUARTERS OF THE
MIDWEST UNIVERSITIES CONSORTIUM FOR INTERNATIONAL
ACTIVITIES, INC., AT THE OHIO STATE UNIVERSITY (contd)**

setting forth the necessary administrative arrangements to accommodate the proposed relationship between the University and the Consortium.

Upon motion of Mrs. James, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

Mr. Devenow: Why is the University of Michigan not listed here?

President Enarson:

A very simple reason--that in the State of Michigan the land-grant university is Michigan State University and the University of Michigan does not have a program in agriculture, and although the technical assistance program is funded by the Agency for International Development and the Ford Foundation and others whose technical programs are by no means limited to agriculture, if you look at the record over the past decade the great bulk of the programs are in agriculture. That's the primary reason.

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BUDGET SUMMARY (THIRD QUARTER, 1979-80)

Resolution No. 80-130

Synopsis: The third quarter summary report of the current funds budget is presented for review.

The third quarter report of the 1979-80 Current Funds Budget contains changes from the second quarter report primarily in projected expenditure levels for Instruction and General programs. These expenditure increases for the most part are for equipment replacement, and have been made possible at this time by the higher earning in temporary investments experienced recently. Minor changes from second quarter levels in estimated expenditures are projected for other categories and an estimate of anticipated construction, repairs, and renovation projects has been included.

WHEREAS the third quarter report of the 1979-80 current funds budget which is presented for review by the Board of Trustees is balanced and contains a total upward revision in budgeted expenditures from \$475,633,000 to \$484,607,000; and

WHEREAS estimated income is adequate to cover the budgeted expenditures:

NOW THEREFORE

BE IT RESOLVED, That the accompanying third quarter budget be accepted, including anticipated transfers to plant funds and providing that any endowment

June 12, 1980 meeting, Board of Trustees

BUDGET SUMMARY (THIRD QUARTER, 1979-80) (contd)

income not needed to support current budgeted expenditures may be held as endowment principal or funds functioning as endowment for use in future budget periods.

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

**THE OHIO STATE UNIVERSITY
1979-80 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1979-80
(IN THOUSANDS)**

	Budget Approved February 1, 1980	Proposed Revised Budget June 12, 1980
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$160,130	\$166,565
Libraries	10,204	10,571
Other Academic Support	2,936	4,112
Sponsored Programs Administration	2,771	3,172
Student Services	9,248	9,608
Plant Operation	28,927	27,773
Institutional Support	17,878	17,718
Total Instruction and General	\$232,094	\$239,519
Sponsored Research		
Research Foundation	\$ 35,275	\$ 36,596
Engineering Experiment Station	1,780	1,731
University Sponsored Programs	983	1,069
Other	2,805	2,553
Total Sponsored Research	\$ 40,843	\$ 41,949
Public Service		
University Hospitals	\$ 89,854	\$ 87,313
Cooperative Extension Service	20,952	21,062
University Sponsored Programs	2,739	3,219
Other	16,452	16,300
Conferences	3,434	3,200
Total Public Service	\$133,431	\$131,094
Student Aid	\$ 6,601	\$ 6,304

June 12, 1980 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1979-80 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1979-80
(IN THOUSANDS) (contd)

	Budget Approved February 1, 1980	Proposed Revised Budget June 12, 1980
Columbus Campus (contd)		
Auxiliaries		
Student Housing	\$ 21,879	\$ 22,255
Intercollegiate Athletics	10,714	10,934
University Bookstores	5,318	5,574
Student Health Service	2,611	2,614
Student Unions	2,818	2,860
Parking Facilities	2,760	2,912
University Airport	2,242	2,274
Fawcett Center for Tomorrow	1,669	1,590
Other	886	701
Total Auxiliaries	\$ 50,897	\$ 51,714
TOTAL COLUMBUS CAMPUS	\$463,866	\$470,580
Regional Campuses		
Administration	\$ 201	\$ 196
Lima Campus	2,438	2,460
Mansfield Campus	2,465	2,458
Marion Campus	1,500	1,473
Newark Campus	2,238	2,013
Agricultural Technical Institute	2,850	2,735
Wright-Patterson Graduate Center	75	85
TOTAL REGIONAL CAMPUSES	\$ 11,767	\$ 11,420
TOTAL ALL CAMPUSES	\$475,633	\$482,000
Construction and Renovation Projects		2,607
GRAND TOTAL		\$484,607

June 12, 1980 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1979-80 CURRENT FUNDS BUDGET
SOURCES OF INCOME TO SUPPORT 1979-80 BUDGET
(IN THOUSANDS)

	Revised Estimated Income February 1, 1980	Estimated Income June 12, 1980
Columbus Campus		
Government Appropriations		
State of Ohio	\$161,560	\$162,381
Federal	61,315	60,482
Other	6,800	6,775
Subtotal	\$229,675	\$229,638
Student Fees		
Instruction and General	\$ 63,025	\$ 63,025
Room and Board	17,987	18,700
Other	3,670	3,570
Subtotal	\$ 84,682	\$ 85,295
Other Income		
Auxiliary Sales and Charges	\$107,319	\$108,581
Department and University Services	16,336	16,450
Endowment Income	4,226	4,272
Gifts and Grants	16,557	18,723
Temporary Investments	7,000	11,000
Subtotal	\$151,438	\$159,026
TOTAL COLUMBUS CAMPUS	\$465,795	\$473,959
Regional Campuses		
Lima Campus	\$ 2,739	\$ 2,790
Mansfield Campus	2,781	2,906
Marion Campus	1,715	1,765
Newark Campus	2,519	2,493
Agricultural Technical Institute	3,069	3,085
Wright-Patterson Graduate Center	75	85
TOTAL REGIONAL CAMPUSES	\$ 12,898	\$ 13,124
GRAND TOTAL	\$478,693	\$487,083

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BUDGET 1980-81

Resolution No. 80-131

I. INTRODUCTION

The proposed 1980-81 budget has been developed with the knowledge that new resources provided by the State will not be adequate to meet the inflationary cost increases to be encountered by the University. As a result, this proposed budget relies heavily on savings and retrenchments made during 1979-80 to fund a part of the gap that exists between new resources and cost increases. Although this two-year strategy diminishes the erosion occurring in the 1980-81 budget, it reduces the University's flexibility for future years. Therefore, the adoption of this budget for 1980-81 will be accompanied by a fresh analysis of our budget priorities. We consider it essential that we recapture some flexibility for the 1981-82 budget year.

Statements recently issued by the Ohio Office of Budget and Management indicate that state revenues are coming in at significantly lower levels than originally projected when the current biennial appropriations bill was passed by the General Assembly. Therefore, there is the very real possibility that State revenues for the University will be decreased from those levels assumed in this proposed budget. If such a reduction occurs, it will be necessary for us to present a revised budget for action by the Board at a later date.

The proposed 1980-81 budget has been developed with the following, sometimes conflicting, objectives:

- . Compliance with federal wage/price guidelines.
- . To the extent possible, maintenance of the purchasing power of faculty and staff salaries in the face of rising inflation.
- . Redress of past erosion in entry-level stipends for graduate associates, the apprentice/scholars who provide necessary services to the University.
- . Corrective funding for growth areas of the University whose needs for increased resources have not been met in the past.
- . Continuation of an urgently needed program to replace scientific and other equipment.
- . Maintenance of adequate funding levels for health sciences programs by continuing to replace funds no longer supplied by federal capitation programs.
- . Containing student fee increases with the recognition that family incomes are no longer rising at a rate comparable to that of general inflation.

We have not met all of these objectives fully in this proposed budget. The unarguable fact is that real income to the University has decreased significantly while the demand for services has increased.

BUDGET 1980-81 (contd)

II. SUMMARY OF PROJECTED TOTAL CURRENT EXPENDITURES AND REVENUES.

A. Overview

The University Budget encompasses several categories of funds, based on whether income was earned through charges for specific services, donated for specific activities, or allocated by the University from a general pool of funds. The following summaries provide an overview of estimated 1979-80 and projected 1980-81 expenditures for these categories: Unrestricted General Funds, Earnings Operations, Restricted Funds, and Regional Campuses.

B. Columbus Campus

Unrestricted General Funds. Unrestricted General Funds expenditures are supported by pooling the following:

- . State instructional subsidies
- . Instructional and general fees
- . Unrestricted endowment and gift income
- . Indirect cost recovery from grants and contracts
- . Unrestricted federal funds
- . Income from temporary investment of unrestricted funds.

The above expenditures are planned to rise from a 1979-80 base of \$222.8 million to \$236.4 in 1980-81, an increase of \$13.5 million. The unrestricted general funds, which provide the core support for the University's academic and support programs, are subject to direct allocation by the University. We are projecting a balanced budget for 1980-81. Two key assumptions have been made: that enrollments will remain at those levels allowed by the General Assembly; and that \$9.6 million of funds reverting to uncommitted status at the close of the 1979-80 year will be available for allocation.

Changes in Unrestricted General Funds are shown below in Summary 1.

SUMMARY 1

	Estimated 1979-80	Proposed 1980-81	Increase
Expenditures	\$222,845,200	\$236,352,700	+\$13,507,500 +6.1%

BUDGET 1980-81 (contd)

Earnings Operations. The University engages in various activities that are generally self-supporting and are funded through charges made for services, e.g., University Hospitals, residence and dining halls, bookstores, intercollegiate athletics, student unions, Fawcett Center for Tomorrow, Mershon Auditorium, traffic and parking, non-credit courses and conferences. These earnings operations, each of which develops its own budget for review by the University, are projected to increase their expenditures collectively by \$16 million over 1979-80 bases of \$143.1 million. A \$2.4 million positive variance of income over expenditures is projected as several of these operations attempt to build much-needed reserves for equipment replacement, maintenance, capital improvements, and working cash during the coming year.

Changes in Earnings Operations Budgets are shown below in Summary 2.

SUMMARY 2

	Estimated 1979-80	Proposed 1980-81	Increase
Expenditures	\$143,068,000	\$159,643,200	+\$16,575,200 +11.6%

Restricted Funds. Restricted funds to conduct special purpose activities are obtained through endowments and gifts donated by friends of the University and through grants and contracts awarded for the performance of research, instructional, or public services. Federal, state, and county agencies also provide restricted line-item funding for such operations as Cooperative Extension, University Hospitals, primary health care residencies, etc. The restricted funds activities usually enrich - directly or indirectly - the academic programs of the University. Major increases in expenditures projected for 1980-81 can be traced primarily to gains that University faculty members have made in obtaining outside funding for research and public service projects and to increased funds given to the Development Fund.

Changes in Restricted Funds Expenditures are shown below in Summary 3.

SUMMARY 3

	Estimated 1979-80	Proposed 1980-81	Increase
Expenditures	\$103,660,200	\$115,048,000	+\$11,387,800 +11%

C. Regional Campuses

Each of the regional campuses maintains financial independence, generating its own income through the State's instructional subsidies, student fees, and earnings and restricted funds activities. Each campus develops its own budget for review by the University administration, within restrictions provided by revenue estimates and University-wide personnel salary guidelines and policies. Because of enrollment declines in the past, regional

BUDGET 1980-81 (contd)

campus budgets for 1980-81 generally will not increase at rates which will allow them to meet inflationary costs without retrenchment. These campuses have worked with the University central administration throughout the past year to develop these retrenchment plans, and it is hoped that they can be effected without serious disruption to their academic programs. Because of recent changes in program offerings and increased marketing activities coordinated with the Columbus Campus, applications for admissions to the regional campuses have increased for the coming year and it is hoped that the trend toward enrollment decline can be reversed or at least diminished for the next few years.

SUMMARY 4

Regional Campus Expenditures

	Estimated 1979-80	Proposed 1980-81	Increase	
Regional Campus Administration	\$ 195,900	\$ 196,500	+\$ 600	+ 0.3%
Lima Campus	2,460,300	2,711,200	+ 250,900	+10.2%
Mansfield Campus	2,457,900	2,700,400	+ 242,500	+ 9.9%
Marion Campus	1,473,400	1,553,500	+ 80,100	+ 5.4%
Newark Campus	2,012,500	2,222,300	+ 209,800	+10.4%
Agricultural Technical Institute	2,734,700	2,916,100	+ 181,400	+ 6.6%
Wright-Patterson Graduate Center	85,000	100,000	+ 15,000	+17.6%
TOTAL	\$11,419,700	\$12,400,000	+\$980,300	+ 8.6%

III. UNRESTRICTED GENERAL FUNDS AND THE INSTRUCTION AND GENERAL BUDGET.

A. Overview

The core budget of the University is the Instruction and General Budget of the Columbus Campus. This budget supports the credit educational programs in which students enroll, along with the academic and administrative support services required. The sub-categories of the Instruction and General Budget are: Departmental Instruction and Research, Libraries, Other Academic Support (e.g., Teaching Aids Laboratory), Sponsored Program Administration, Student Services, Plant Operation, and Institutional Support.

About 96 percent of the Unrestricted General Funds that the University forms by pooling its state subsidy, student instructional and general fees, and other unrestricted income are

June 12, 1980 meeting, Board of Trustees

BUDGET 1980-81 (contd)

used to support the Instruction and General Budget. Approximately 88 percent of the Instruction and General budget is funded from unrestricted funds, the remaining coming from earnings operations and restricted or designated funds. Thus, the Instruction and General Budget is that part of the total University Budget affected most by the decisions the University makes about the allocation of its Unrestricted General Funds. Because the most direct allocation decisions occur in the expenditure of Unrestricted General Funds, the following analysis is presented for the proposed expenditure of those unrestricted funds for 1980-81.

The proposed Unrestricted General Funds Budget calls for increased commitments of \$23.1 million over those 1979-80 base budget commitments carried forward into 1980-81. This recommended budget is balanced in part through internal savings and reallocation of \$9.6 million from 1979-80 so that a net increase of \$13.5 million of new commitments is projected.

The Unrestricted General Funds Budget for 1980-81 is designed to achieve the following:

- . Meet mandated cost increases for faculty/staff benefits, utilities, step increases for classified employees - \$3.3 million.
- . Provide a 9.0 percent planned salary increase for continuing faculty and administrative/professional staffs - \$8.2 million.
- . Provide a 12 percent adjustment for operating budgets to meet costs other than continuing personnel - \$5 million.
- . Correct deficiencies in entry-level graduate associate stipends, equipment replacement programs, and workload problems in selected colleges and offices - \$3.5 million.
- . Set aside a Minimum Flexibility Fund as a hedge against revenue shortfalls, to fund a mid-year pay raise for staff if feasible, to fund existing budget deficiencies, and/or to undertake other activities (e.g., increased services to part-time students or expansion of summer offerings) - \$3.1 million.

The preceding total increase of \$23.1 million in planned expenditures is offset significantly by 1979-80 savings of \$9.6 million to produce a net increase of \$13.5 million.

- . Savings, retrenchments, and reversion of short-term commitments to uncommitted status - \$9.6 million.

The preceding changes would result in a total Unrestricted Funds Budget of \$236,352,700 for 1980-81.

The following changes in unrestricted income results in changes in projected resources from \$224,923,100 in 1979-80 to \$236,551,900 to support the 1980-81 Unrestricted Funds Budget.

BUDGET 1980-81 (contd)

- . Increase in instructional subsidies - \$9.6 million.
- . Increases in combined instructional and general fees of \$25 per quarter for undergraduates, \$35 for graduate students and law students, and additional increases for other students - \$4.2 million.

The increases above must be adjusted for changes occurring in other income. When increases in indirect cost recovery, unrestricted gifts, and endowment are averaged with a decrease projected in cash management earnings, a decrease of \$2.2 million is planned for 1980-81.

- . Net decrease in other income, including the cash management earnings, and annualization of 1979-80 fee increases - \$2.2 million decrease.

Cash management income should reach an all-time high of \$11.0 million in 1979-80, with return on short-term investments peaking at an 18 percent level in April, 1980. We are projecting a decrease to \$7.5 million in 1980-81 as interest rates recede.

B. Costs of Proposed Budget

This section contains more detailed information about those Unrestricted General Fund costs listed in the preceding section. The new costs to be met are dealt with in the following categories: Mandated Costs, College and Office Budget Increases for Salary and Operating Costs, Correction of Deficiencies (entry-level graduate stipends, equipment replacement, workload problems), and Minimum Flexibility Funds.

Mandated Costs. Mandated cost increases of \$3.3 million are projected for 1980-81 as a result of projected changes in employee benefit rates, utility rates, salary increases for classified employees, and additional fee compensation for graduate associates.

Increase in Employee Benefits, Including Cost of Dental Plan	\$ 600,000
Increase in Utilities Costs	634,500
Classified Staff Step Increases	400,000
Fee Compensation/Waivers	815,000
Other (Student Aid, Sponsored Program Administration, etc.)	867,000
TOTAL	\$3,316,500

These mandated cost increases generally exceed those that might be predicted on the basis of general inflationary pressures. The rise in utilities costs represents, however, the funds necessary to support what is in fact a reduced use of energy. Without the cost avoidance which results from the University's five-year-old energy conservation program, it is estimated that utilities costs would be \$9 million higher than those budgeted for 1980-81.

June 12, 1980 meeting, Board of Trustees

BUDGET 1980-81 (contd)

The mandated costs include also a full year's funding of the dental insurance package adopted by the Board of Trustees in March, 1980 and placed in operation on May 1, 1980.

College and Office Budget Increases. The planned average salary increase of 9 percent for regular, continuing faculty and administrative/professional staff would result in additional costs of \$8.2 million. Given expected turnover, the average salary for all employees in these categories - including new and continuing - should remain within the 8 percent increase limitation anticipated in forthcoming wage/price guidelines.

Because inflation in the general economy surpassed the 9.5 percent change in salaries of continuing personnel in 1979-80 and will certainly surpass the 9 percent proposed for 1980-81, some erosion in the purchasing power of our faculty and professional staff will result from this 9 percent increase. For that reason, funds have been set aside in the Minimum Flexibility Fund for a mid-year increase of 3 percent, providing that the Minimum Flexibility Funds are not required to meet other needs or to make up other shortages in revenue.

The 12 percent adjustment to the operating budget category - which contains operating supplies and equipment costs along with the stipends of graduate associates and other temporary personnel - would increase expenditures by \$5.0 million. Although this increase will almost meet inflation costs borne during the past year, such funding will not correct for the 25-35 percent erosion in the purchasing power of these budgets that has occurred over the past nine years. A partial remedy is planned through continuation and expansion of an equipment replacement program which is contained in the following section on Correction of Deficiencies:

Faculty and Administrative and Professional Salaries (+9%)	\$ 8,159,200
Other Budget Categories (+12%)	5,022,600
TOTAL	\$13,181,800

Correction of Deficiencies. Several problems facing the University must be addressed by resources in addition to those funds provided for annual inflationary price increases. These problems can be attributed to the past inflationary erosion of college and office budgets (graduate stipends, equipment replacement), shrinking line-item governmental funding (equipment replacement, capitation funding), the workload demands that shifting enrollments and program emphases have placed on several departments and offices, and the reinforcement of administrative functions necessary to protect the resource base of the University and respond to changing state and federal regulations.

The graduate associate stipends paid to entry-level students have diminished in purchasing power by more than 20 percent over the past 6 years. This budget contains a minimum across-the-board increase of 9 percent to entry-level stipends, with a minimum stipend of \$390 per month, to offset this erosion and improve the University's ability to attract the most talented students to our program.

BUDGET 1980-81 (contd)

The University continues to have deficits in its equipment replacement program which has suffered the combined effects of inflation along with sharp reductions in the State's capital construction program - an important source of funding for equipment during the expansion period of the late sixties and the seventies. Much of the equipment purchased in conjunction with the expansion of the University's facilities during the past 20 years is now worn out or outmoded. This equipment must now be replaced from the Current Funds Budget rather than through capital construction programs, and this proposed budget contains \$1.5 million to address partially this problem on a continuing basis. During 1979-80, major efforts were made on a one-time basis to update the University's equipment by using funds which were withheld from commitments of a long-range nature, e.g., commitments for personnel expansion and/or replacement. It is now necessary to augment equipment budgets of our colleges and offices on a continuing basis, and the \$1.5 million contained in this budget represents the second phase of a program initiated in 1979-80 to increase the University's support of its equipment replacement program.

The distribution of enrollments among academic departments is constantly changing despite the relative stability of total University enrollments in the past few years. These shifts have resulted in resource shortages in some growth areas (e.g., Engineering, Administrative Science). Resource needs have occurred in other departments and offices because of changing program emphases to meet changes in various fields, or have become apparent through our continuing reassessment of academic programs. Administrative costs are also increasing as the University responds to increasing governmental regulations associated with federal grants and contracts, and with higher standards applied to the environmental health and safety of the campus. A total of \$2.0 million is contained in this proposed budget to meet these changing requirements.

Graduate Associate Stipends	\$ 24,100
Equipment Replacement	1,500,000
Workload Adjustments	2,007,900
TOTAL	\$3,532,000

Minimum Flexibility Fund. This proposed budget contains a Minimum Flexibility Fund of \$3.1 million to meet potential shortages in revenue and unexpected costs, or to remedy existing budget deficiencies if other income and expense factors permit. Since March of 1980, it has been the University's hope that a mid-year salary adjustment of three percent could be made to offset the inflationary erosion that has occurred in faculty and professional staff salaries during the past two years. This fund would be used to support this salary increase if revenue conditions permit during the autumn quarter.

Savings/Retrenchment. As noted earlier, the 1980-81 budget places heavy reliance on savings and retrenchments made in the 1979-80 budget to fund a significant gap between the availability of new resources and the cost increases to be covered by the 1980-81 budget. This 1980-81 unrestricted budget is supported, therefore, by \$9.6 million which remained in uncommitted status at the close of the 1979-80 year as a result of savings in various areas

June 12, 1980 meeting, Board of Trustees

BUDGET 1980-81 (contd)

of the University, retrenchments in areas of declining enrollment and lowered administrative workloads, or the placing of time restrictions on budgetary commitments that were made for 1979-80. This use of 1979-80 uncommitted funds results in a significant loss in flexibility at a time when an increasing portion of the University's funds should remain flexible as a hedge against anticipated future enrollment declines. Given the shifting program needs and emphases of the University, and pessimistic projections of resource levels in the coming years, retrenchment efforts are becoming an annual activity that will receive further emphasis as the 1980-81 budget year unfolds.

Total Cost of Budget Plan. The total net cost of the proposed budget plan for Unrestricted General Funds is as follows:

Mandated Costs	\$ 3,316,500
College and Office Budget Increases	13,181,800
Correction of Deficiencies	3,532,000
Minimum Flexibility Fund	3,067,100
Savings and Retrenchments	(9,589,900)
TOTAL NET COST	\$13,507,500

C. Resources to Meet Budget Plan

Increase in Instructional Subsidy. The appropriations bill for the current biennium (Sub. H.B. 204) contains an additional \$9.6 million in instructional subsidies for 1980-81 over 1979-80 levels, provided that the University maintains an enrollment level at or near the ceiling imposed by the General Assembly. This represents an increase of 7.1 percent over the 1979-80 subsidy level of \$135.1 million, and would yield an increase of 4.3 percent to the total Unrestricted General Fund of the University. Because of State revenue shortfalls, even this minimal increase is under serious question as the Governor attempts to adapt to a changing resource picture for the State.

Instructional Fees. It is recommended that full-time undergraduate instructional fees be raised by \$20 per quarter, a 7.5 percent increase over the current \$265 level. Although Sub. H.B. 204 would permit the University to raise its undergraduate instructional fee by 18.5 percent for 1980-81 because of inflationary pressures, we believe that a major fee increase would place undue hardship on students and might prevent some students from attending the University.

Increases in instructional fees to partially offset inflationary costs are recommended for other categories of students. These increases range from \$30 for graduate students (+8.5 percent) and law students (+7.9 percent) to an increase of \$40 per quarter in the College of Medicine (+5.6 percent). The complete list of proposed fees for 1980-81 is contained in the supplemental information for this budget.

BUDGET 1980-81 (contd)

General Fee. This proposed budget also assumes a general fee increase of \$5 from \$70 to \$75 per quarter. Under Ohio law, revenues from the general fee are to be used in support of "non-instructional institutional services performed for the benefit of enrolled students." At OSU, this includes such things as the operation of the Ohio and Drake Unions, the counseling and consultation center, the student health center, various student organizations, student financial aids, and the intramural and recreational sports program.

This \$5 increase represents a 7.1 percent increase over 1979-80 levels and is necessary to support the compensation increases and other inflationary costs experienced by those programs.

Other Income. Revenues from other sources will decrease in 1980-81 for the first time in a number of years. Income from federal sources, unrestricted endowments, indirect cost recovery from grants and contracts, etc., should produce an additional \$1.3 million. However, as noted earlier, the University's cash management program is predicted to recede from a record \$11 million of unrestricted earnings to a more stable level of \$7.5 million during 1980-81. This decrease of \$3.5 million in earnings from the cash management program, when combined with increased earnings of \$1.3 million from other sources, will result in a net decrease in income of \$2.2 million.

Total Additional Resources

Increase in Subsidy	\$ 9,632,300
Instructional Fees	3,030,000
General Fees	680,000
Other Fee Increases	440,000
Other Income	(2,153,500)
GRAND TOTAL	\$11,628,800

D. Adjustment to Resource Changes

As noted previously, a strong possibility exists that the University will suffer a cut in its funding from the State of Ohio. In all probability, this cut will be imposed within the next month or so. If reductions in state funding occur, the income and expenditure assumptions of this budget will require careful review and revision. An obvious area for reduction would be in those funds that have not yet been committed to colleges and offices, i.e., the Minimum Flexibility Funds. It will be necessary for us to reassess also the instructional and general fees contained in this proposed budget. The administration in the University is currently assembling a list of initiatives that might be taken to accommodate to such a budget revision. If subsequent events cause us to reevaluate this budget, we will present a revised budget to the Board of Trustees as soon as possible.

BUDGET 1980-81 (contd)

IV. RECOMMENDATIONS

It is recommended that:

- . The budget as proposed for the fiscal year 1980-81 be approved.
- . The schedule of fees for the Autumn Quarter, 1980 be approved.
- . The Secretary be instructed to incorporate all supporting documents into the minutes of this meeting, including salary rolls with academic promotions and the fees and charges for the 1980-81 fiscal year and to file these materials with the official records of the University.

President Enarson:

Just a brief preliminary comment with respect to the next item which is, of course, a matter of extreme importance to all of us, and that is the budget for the 1980-81 fiscal year. We knew as we entered this process of budget preparation that it would be an extremely difficult time for us in the light of rapid changes--all bad--in the American economy, in the light of inflation, in the light of erratic movements in the rate at which our endowment produced income. But nobody told me that even as the presentation was being made by Dr. Vandament to the Fiscal Affairs Committee this morning that at this precise hour downtown the Governor would be announcing that long-awaited cut, and I was informed just as Bill was in full flower of oratory that it was to be 3 per cent across the board and all agencies, including welfare I am told, as of July 1.

Could I speak very briefly to this, although the Board did address it during its other half in the Board of Control of the OARDC? I am not sure whether we need any special language added to the formal text of the resolution, but it would be our clear intent and our clear understanding that we would come to the July meeting with necessary adjustments to the budget.

Because this is a matter of such acute concern to all the people who have a stake in this University, I would simply say that in order to allay any fears on the part of our 54,000 students that we are acutely conscious of the problems they face in funding their attendance at this University. Some months ago before this Board we said that we would not plan for any increase in undergraduate charges--that is the instructional fee and the general fee--in excess of \$30. In fact, we have done better than that. The budget that you have before you proposes a \$20 increase in the instructional fee and a \$5 increase in the general fee. So we are \$5 below what we promised the students that we would have. I think that it is obvious to all of you that I can't promise that we won't go to that \$5. We are clearly in no position to reconstruct this budget within minutes outside in the corridor. We would make, I would assume, very modest increases above what is proposed here in the instructional fees to the students at all levels. Clearly we will be forced to consider all possible ways of making cuts in the budget. I can't guarantee that we will have a totally reconstituted budget by the July meeting, but I would assure you that if there are to be changes in instructional fees we will present them at that time

BUDGET 1980-81 (contd)

President Enarson: (contd)

because that is the last possible time we could present them and still have any orderly planning for the opening of the new year. I am confident that we can have at least a general outline of the nature of the other cuts. I am optimistic that we would have a total reconstruct of the budget by July. I am simply reluctant to absolutely flatly guarantee that it will all be done by that time. With that as a preface I am not at all sure whether you want to go into this again. This was sent to each of you and the material was presented this morning. It is essential that the budget be adopted. It is the only authorization to sign contracts, and this is a matter of singular importance to all of us who work here.

Mr. Hilliker:

Mr. Chairman, I'll move that the 1980-81 budget be approved as proposed here with the understanding that it will be provisional pending the reworking of it and also that the schedule of fees be approved with the same understanding that they will be provisional subject to the reworking.

Mr. Redman seconded the motion. The resolution was adopted by unanimous roll call vote.

**THE OHIO STATE UNIVERSITY
1980-81 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1980-81
(IN THOUSANDS)**

	1979-80 Revised Budget	1980-81 Proposed Budget
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$167,374	\$177,491
Libraries	10,571	11,060
Other Academic Support	3,429	3,808
Sponsored Programs Administration	5,952	6,322
Student Services	9,608	9,962
Plant Operation	27,607	28,729
Institutional Support	17,802	19,763
Total Instruction and General	\$242,343	\$257,135
Sponsored Research		
Federally Sponsored Programs	\$ 31,993	\$ 35,980
Other Externally Sponsored Programs	9,053	10,487
Internally Sponsored Programs	572	517
Total Sponsored Research	\$ 41,618	\$ 46,984

June 12, 1980 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1980-81 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1980-81
(IN THOUSANDS) (contd)

	1979-80 Revised Budget	1980-81 Proposed Budget
Columbus Campus (contd)		
Public Service		
University Hospitals	\$ 87,313	\$100,570
Cooperative Extension Service	21,062	22,251
Externally Sponsored Programs	14,638	16,224
Internally Sponsored Programs	5,248	5,608
Total Public Service	\$128,261	\$144,653
Student Aid	\$ 6,304	\$ 7,019
Auxiliaries		
Student Housing	\$ 22,479	\$ 24,502
Intercollegiate Athletics	10,384	10,326
University Bookstores	5,574	6,119
Student Health Service	2,614	2,954
Student Unions	2,604	2,885
Parking Facilities	2,828	3,247
University Airport	2,274	2,567
Fawcett Center for Tomorrow	1,590	1,767
Other	701	886
Total Auxiliaries	\$ 51,048	\$ 55,253
TOTAL COLUMBUS CAMPUS	\$469,574	\$511,044
Regional Campuses		
Administration	\$ 196	\$ 197
Lima Campus	2,460	2,711
Mansfield Campus	2,458	2,700
Marion Campus	1,473	1,554
Newark Campus	2,013	2,222
Agricultural Technical Institute	2,735	2,916
Wright-Patterson Graduate Center	85	100
TOTAL REGIONAL CAMPUSES	\$ 11,420	\$ 12,400
GRAND TOTAL	\$480,994	\$523,444

June 12, 1980 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1980-81 CURRENT FUNDS BUDGET
SOURCES OF INCOME TO SUPPORT 1980-81 BUDGET
(IN THOUSANDS)

	1979-80 Estimated Income	1980-81 Estimated Income
Columbus Campus		
Government Appropriations		
State of Ohio	\$162,381	\$174,009
Federal	60,483	67,671
Other	7,809	8,312
Subtotal	\$230,673	\$249,992
Student Fees		
Instruction and General	\$ 63,025	\$ 67,265
Room and Board	18,700	19,900
Other	3,570	3,997
Subtotal	\$ 85,295	\$ 91,162
Other Income		
Auxiliary Sales and Charges	\$108,581	\$121,751
Department and University Services	14,991	15,374
Endowment Income	4,272	4,782
Gifts and Grants	18,173	20,553
Temporary Investments	11,000	7,500
Subtotal	\$157,017	\$169,960
TOTAL COLUMBUS CAMPUS	\$472,985	\$511,114
Regional Campuses		
Lima Campus	\$ 2,790	\$ 3,043
Mansfield Campus	2,906	3,115
Marion Campus	1,765	1,820
Newark Campus	2,493	2,640
Agricultural Technical Institute	3,085	3,175
Wright-Patterson Graduate Center	85	100
TOTAL REGIONAL CAMPUSES	\$ 13,124	\$ 13,893
GRAND TOTAL	\$486,109	\$525,007

SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1980

College or School	Credit Hours Enrolled	Instructional	General	Resident Total	Out-of-State Tuition	Non-Resident Total
Undergraduate						
Administrative Science						
Agriculture and Home Economics						
Allied Medical Professions						
Architecture						
The Arts						
Biological Sciences	0-1	\$ 48	\$ 9	\$ 57	\$ 38	\$ 95
Continuing Education	2	60	14	74	76	150
Dental Hygiene	3	71	19	90	114	204
Education	4	95	25	120	152	272
Engineering	5	119	31	150	190	340
Health, Physical Education and Recreation	6	142	38	180	228	408
Humanities	7	166	44	210	265	475
Journalism	8	190	50	240	303	543
Journalism	9	214	56	270	341	611
Mathematical and Physical Sciences	10	238	62	300	379	679
Mathematical and Physical Sciences	11	261	69	330	417	747
Music	12 or more	285	75	360	455	815
Natural Resources						
Nursing						
Pharmacy						
Social and Behavioral Sciences						
Social Work						
University College						

SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1980 (contd)

College or School	Credit Hours		General	Resident Total	Out-of-State Tuition	Non-Resident Total
	Enrolled	Instructional				
Graduate School	0-1	\$ 48	\$ 9	\$ 57	\$ 45	102
	2	77	15	92	91	183
	3	116	22	138	136	274
	4	154	30	184	182	366
	5	193	37	230	227	457
	6	231	45	276	273	549
	7	270	52	322	318	640
	8	308	60	368	364	732
	9	347	67	414	409	823
	10 or more	385	75	460	455	915
Graduate Professional						
Law	0-3	\$102	\$19	\$122	\$145	\$ 267
	4	137	25	162	193	355
	5	171	31	202	242	444
	6	205	38	243	290	533
	7 or more	410	75	485	580	1,065
Medicine	0-3	\$189	\$19	\$208	\$145	\$ 353
	4	252	25	277	193	470
	5	315	31	346	242	588
	6	377	38	415	290	705
	7 or more	755	75	830	580	1,410
Dentistry Optometry Veterinary Medicine	0-3	\$144	\$19	\$163	\$145	\$ 308
	4	192	25	217	193	410
	5	240	31	271	242	513
	6	287	38	325	290	615
	7 or more	575	75	650	580	1,230

June 12, 1980 meeting, Board of Trustees

SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1980 (contd)

College or School	Credit Hours Enrolled	Instructional	General	Resident Total	Out-of-State Tuition	Non-Resident Total
<u>University Regional Campuses</u>						
Undergraduate	0-1	\$ 48	\$ 9	\$ 57	\$ 38	\$ 95
	2	60	12	72	76	148
	3	71	15	86	114	200
	4	95	20	115	152	267
	5	119	25	144	190	334
	6	142	30	172	228	400
	7	166	35	201	265	466
	8	190	40	230	303	533
	9	214	45	259	341	600
	10	238	50	288	379	667
	11	261	55	316	417	733
	12 or more	285	60	345	455	800
<u>Graduate</u>						
Graduate	0-1	\$ 48	\$ 9	\$ 57	\$ 45	\$102
	2	77	12	89	91	180
	3	116	18	134	136	270
	4	154	24	178	182	360
	5	193	30	223	227	450
	6	231	36	267	273	540
	7	270	42	312	318	630
	8	308	48	356	364	720
	9	347	54	401	409	810
	10 or more	385	60	445	455	900

SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1980 (contd)

Undergraduate students enrolled in any quarter, term, or period for twelve or more credit hours will be assessed full fees. Fees for undergraduate students enrolled for eleven or fewer hours in any quarter, term, or period shall be assessed on a per credit hour basis, with the fees for fewer than three credit hours as shown above and with the minimum Instructional and General fees being \$57 for zero or one credit hour.

Graduate students enrolled in any quarter, term, or period for ten or more credit hours will be assessed full fees. Fees for graduate students enrolled for nine or fewer hours in any quarter, term, or period shall be assessed on a per credit hour basis, with the fees for fewer than three credit hours as shown above and the minimum Instructional and General fees being \$57 for zero or one credit hour.

Graduate professional students (those enrolled in any quarter, term, or period for seven or more credit hours) will be assessed full fees. Fees for graduate professional students enrolled for six or fewer hours in any quarter, term, or period shall be assessed on a per credit hour basis, with the minimum fee for fewer than three credit hours being the fee for three credit hours.

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PERSONNEL ACTIONS

Resolution No. 80-132

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Other Personnel Action; Resignation; Appointments; New and/or Reappointment of Chairmen of Departments, Academic Faculty and Division; Leaves of Absence Without Salary; Professional Improvement Leaves; and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the May 2, 1980 meeting of the Board, including the following Other Personnel Action; Resignation; Appointments; New and/or Reappointment of Chairmen of Departments, Academic Faculty and Division; Leaves of Absence Without Salary; Professional Improvement Leaves; and Emeritus Titles as detailed in the University Budget for 1979-80, be approved.

Other Personnel Action

CHARLES L. HOWELL, Dean of the College of Dentistry, whose five-year term expires on June 30, 1980, does not wish to be reappointed to this position, but has elected to remain on the faculty of the College of Dentistry as a Professor.

Resignation

JAMES W. KRISTOFF, University Treasurer and Treasurer of the Board of Trustees, will resign both positions effective June 30, 1980.

PERSONNEL ACTIONS (contd)

Appointments

Name: DONALD W. GOOD
Title: Ombudsman
Office: President
Effective: July 1, 1980
Salary: \$37,920.00 (12-month)
Present Positions: Associate Vice Provost and Secretary, Colleges of the Arts and Sciences

Name: HOWARD G. SACHS
Title: Associate Provost
Office: Academic Affairs
Effective: August 15, 1980
Salary: \$39,120.00 (12-month)
Present Positions: Assistant Dean, Graduate College, University of Illinois at the Medical Center - Chicago

Name: WILLIAM R. WALLACE
Title: Acting Dean
College: Dentistry
Effective: July 1, 1980
Salary: \$55,000.00 (12-month)
Present Positions: Assistant Dean, College of Dentistry and Professor, College of Dentistry (Oral Surgery) and Department of Anesthesiology

Name: RICHARD D. JACKSON
Title: Acting University Treasurer
Office: Business and Administration
Effective: July 1, 1980
Present Position: Vice President for Business and Administration

Name: TIMOTHY LIGHT
Titles: Professor and Chairman
Department: East Asian Languages and Literatures
Effective: October 1, 1980
Salary: \$33,600.00 (9-month)
Present Position: Associate Professor of Oriental Studies, University of Arizona

Name: DANIEL L. JENSEN
Title: Professor (Ernst and Whinney Professorship)
Department: Academic Faculty of Accounting
Effective: October 1, 1980
Salary: \$49,080.00 (9-month)
Present Position: Visiting Professor, Graduate School of Business, Indiana University, Bloomington, Indiana

June 12, 1980 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

New and/or Reappointment of Chairmen of Departments, Academic Faculty,
and Division

July 1, 1980 through June 30, 1984

Anatomy	Ronald L. St. Pierre
Family Medicine	Tennyson Williams
Obstetrics and Gynecology	Frederick P. Zuspan
Ophthalmology	William H. Havener
Otolaryngology	William H. Saunders
*Marketing	W. Wayne Talarzyk
Pathology	Donald A. Senhauser
Physical Education	Charles L. Mand
Physical Medicine	Ernest W. Johnson
Surgery	Larry C. Carey

July 1, 1980 through June 30, 1981

Radiology	Atis K. Freimanis
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October 1, 1980 through September 30, 1984

*Classics	Charles L. Babcock
Metallurgical Engineering	Paul G. Shewmon

*New Appointments

Leaves of Absence Without Salary

RONALD W. HART, Professor, Department of Radiology, change date of leave from May 1, 1980 through April 30, 1981, to September 1, 1980 through August 31, 1981, to serve as Director, National Center for Toxicological Research for the Federal Drug Administration.

WILLIAM LYCAN, Professor, Department of Philosophy, effective January 1, 1981 through March 31, 1981, to serve as a Visiting Professor at the University of Michigan, Ann Arbor, Michigan.

JAMES C. SCHULTZ, Associate Professor, Department of Mathematics, effective July 1, 1980 through July 31, 1980, to serve as consultant with leaders in teacher training in Indonesia as part of a UNESCO-sponsored program.

JOHN D. BLACKBURN, Assistant Professor, Academic Faculty of Finance, effective October 1, 1980 through June 30, 1981, to visit the University of Pennsylvania's Wharton School.

MARTIN H. MALIN, Assistant Professor, Academic Faculty of Finance, effective October 1, 1980 through September 30, 1981, to visit Chicago-Kent College of Law.

June 12, 1980 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

MARY K. MARVEL, Assistant Professor, School of Public Administration, effective October 1, 1980 through September 30, 1981, to accept an appointment as a Visiting Scholar-in-Residence at the Hoover Institution at Stanford University.

ELEANOR S. BLOCK, Instructor, University Libraries, effective March 1, 1980 through July 6, 1980, for personal reasons.

NORA C. CHING, Instructor, Department of East Asian Languages and Literatures, effective April 1, 1980 through September 30, 1981, to provide service to the State Department of Ohio, International Trade Division, to accompany delegations to China or help host Chinese visitors in the United States.

ELIZABETH T. STEFANICS, Instructor, School of Health, Physical Education and Recreation, effective October 1, 1980 through September 30, 1981, to complete requirements for her Doctor of Philosophy degree at the University of Minnesota.

Professional Improvement Leaves

RICHARD N. PRATTE, Professor, Academic Faculty of Educational Foundations and Research, effective Winter Quarter 1981 and Spring Quarter 1981, be cancelled.

MARY R. TOLBERT, Professor, School of Music, effective Autumn Quarter 1980.

ROCCO D'ANGELO, Associate Professor, College of Social Work, effective Winter Quarter 1981 and Spring Quarter 1981.

HAROLD S. HIMMELFARB, Associate Professor, Department of Sociology, effective Autumn Quarter 1980, Winter Quarter 1981, and Spring Quarter 1981.

Emeritus Titles

C. ROGER SMITH, College of Veterinary Medicine, with the title Dean Emeritus, effective July 1, 1980.

PAUL E. FERTIG, Academic Faculty of Accounting, with the title Professor Emeritus, effective July 1, 1980.

JAN KORRINGA, Department of Physics, with the title Professor Emeritus, effective September 1, 1980.

EARL J. MICKLE, Department of Mathematics, with the title Professor Emeritus, effective July 1, 1980.

June 12, 1980 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

THOR R. RUBIN, Department of Chemistry, with the title Professor Emeritus, effective July 1, 1980.

GORDON J. RYDER, Department of Agronomy, with the title Professor Emeritus, effective July 1, 1980.

RICHARD W. BLETZACKER, Department of Civil Engineering, with the title Associate Professor Emeritus, effective July 1, 1980.

HAROLD E. KAESER, Department of Dairy Science, with the title Associate Professor Emeritus, effective July 1, 1980.

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

Mr. Devenow:

Before we leave this matter, I would like to personally thank Jim Kristoff, who did a great job. He was certainly very helpful to me when I was Chairman of the Fiscal Affairs Committee. I am sure I speak for every member of the Board that we wish him great success. We are not losing him because he isn't doing the job, but we are losing him because he is doing too good a job, unfortunately. Jim, we are sorry to lose you, but good luck in your new venture.

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REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

Resolution No. 80-133

Synopsis: The report on contracts, grants and gifts and the summary for April 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:

June 12, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

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 1980, be approved.

Upon motion of Dr. Jacob, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

SUMMARY FOR APRIL 1980

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	92	\$5,361,138.00
Engineering Experiment Station	44	162,719.00
		\$5,523,857.00
The Ohio State University Development Fund	4,306 Donors	\$1,014,139.38
Establishment of Named Funds		
Martha Brown Cancer Research Fund (College of Medicine)		\$ 15,000.00
The College of Pharmacy Advancement Fund (College of Pharmacy)		\$ 15,000.00
Michael S. Melton Hebrew Library Fund (Hebrew literature)		\$ 11,997.30
The Student Athlete Grant-in-Aid Endowment Fund (Department of Athletics)		\$ 10,189.06
The Alumni Club of Orange County and Long Beach Scholarship Club (California residents)		\$ 10,000.00

June 12, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR APRIL 1980 (contd)

Establishment of Named Funds (contd)

H. William Clatworthy, Jr., Lectureship in Pediatric Surgery (Department of Surgery - Pediatrics)	\$ 9,126.70
John C. Morrow Memorial Fund (Department of Theatre)	\$ 5,356.00
The R. D. Barden Scholarship Award in Agricultural Engineering (Department of Agricultural Engineering)	\$ 5,000.00
The Porter, Wright, Morris & Arthur Professorship in Law Fund (College of Law)	\$ 5,000.00
The James F. Robeson Research Support Fund (College of Administrative Science)	\$ 5,000.00
The James E. Pollard Memorial Scholarship Fund in Journalism (School of Journalism)	\$ 3,805.00

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR APRIL 1980 (contd)

Report from Presidents Club

Members to date	4,378
1980: year to date	992
New members - April 1980	317

New Presidents Club Members - April 1980

Dianne P. Albrecht	Marvin T. Buchholz
J. Michael A. Alexander	Daniel K. Buck
Judith A. Alexander (Mrs. Harry S.)	James M. Buckley
Joan L. Allen	Lee M. Butler
Shirley A. Anders (Mrs. William R.)	Belva M. Call (Mrs. Charles J.)
Ronald L. Anderson	Charles J. Call
Alfred G. Arndt	Harold P. Card
Steven C. Baker	G. William Catt
Susan M. Baker (Mrs. Dan W.)	Michael R. Ciine
Ann Marie Ball	Bradley D. Clymer
David L. Barnes	Donald J. Cobb
John P. Beavers	Steven D. Cole
David W. Beck	Thomas B. Conner
Phyllis Beck (Mrs. David W.)	S. Ronald Cook
David L. Beckel	Wesley S. Cook
Beverly A. Beckwith (Mrs. Larry H.)	John N. Crandall
Phillip J. Beckwith	Michael S. Crane
Charles W. Bell	William P. Cseplo
David C. Bell	Herdon R. Cummings
John T. Belton	Berthold P. Cummins
Jackie Berkowitz	Janet A. Curl
Craig B. Berson	Hal J. Curry
Herbert A. Betts	H. James Cutcher
John M. Billy	Catherine A. Darr
Jack A. Bjerke	Cindy E. Davidson
Lawrence Bolden	James R. Davis
Marti Boldman	Jeffrey P. Davis
Richard W. Bowen	Linda J. Davis
Jack R. Bowman	Richard L. Dawley
Michael Braunstein	James R. Demuth
Leigh E. Briggs	James R. DeRoberts
Dale E. Brown	Andrew B. Derrow
Harold D. Brown	Terrence A. Deye
Richard A. Brown	Susan E. Dilley
Timothy N. Browning	Daniel H. Dozer
John M. Brush	Robert M. Duncan

June 12, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR APRIL 1980 (contd)

New Presidents Club Members - April 1980 (contd)

Paul W. Eastman	Todd A. Harshman
Debbie J. Eberle	Matt W. Hartman
Barbara E. Eimer	Thomas W. Hartsock
Anthony S. Elia	Steven A. Hatten
William A. Evanko	Charles R. Havener
Ralph W. Evans	Bruce L. Heflin
Charles M. Feeny	John J. Hegler, Jr.
Elliott P. Feldman	James B. Hickey, Jr.
Richard Ferguson	Randall L. Hicks
Robert W. Ferguson	Rick D. Hicks
Franklin P. Flowers	Keith H. Hill
Michael L. Franz	Lloyd E. Hill
Patricia Ann Franz (Mrs. Michael L.)	Robert B. Hirsh
Richard D. Fredecker	Ralph E. Hodges
Robert P. Freed	Edward H. Holliger
Harlan S. Friedman	Tamara F. Hoovler (Mrs. Donald W.)
Rodd A. Friedman	Carl Horton
Todd Eric Friedman	Wilmer F. Hosket
Donald E. Fuller	Katharine Bailey Hoyt
John A. Gabelman	Donna M. Huffman
Kimberly L. Garland	(Mrs. Raymond C.)
William A. Garringer	Raymond C. Huffman
Philip G. Gartrell	Robert S. Hughes
David A. Gaston	Anthony M. Iacovetta
Douglas G. Geib II	Ronald E. Ike
James M. Gerlach	Charles D. Jackson
Scott M. Gerlach	Nolan C. Jason
Gary M. Gilbert	David C. Jones
John C. Glandon	Anthony J. Joseph
Philip J. Glandon	Carl E. Juul-Nielsen
James R. Gleason	Ilmars Kalnins
Rebecca E. Gompf	Bradley R. Kastan
James H. Gordon	Brian S. Katz
Robert C. Gossman	Murray K. Katz
Joseph R. Greco	William R. Keaney
Donn W. Griffith	Jill L. Keenan (Mrs. Michael)
William H. Grosz	William J. Kelly, Jr.
James R. Halliwell	William D. Kientz II
Jayne E. Halliwell (Mrs. James R.)	Monica J. Kile (Mrs. David G.)
Leslie C. Hamill	Ronald M. Kirchner
Frederick N. Hanover II	John R. Klinck
Robert P. Harper	Edward G. Klopfer, Jr.

June 12, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR APRIL 1980 (contd)

New Presidents Club Members - April 1980 (contd)

Nancy W. Knoop (Mrs. Charles L.)	Jon B. Musser
Jeffrey P. Koontz	John D. Myer II
Thomas R. Kottenstette	Carl A. Nelson, Jr.
Barbara A. Kraemer (Mrs. Charles T.)	Pamela J. Nelson
Max Kravitz	Sandra S. Nichols
Dema S. Krill (Mrs. Cleon D.)	Edward J. Nieberding
Richard B. Kuhn	K. Wallace Niedenthal
Elizabeth K. Kulow (Mrs. Keith R.)	Gary F. Olix
Charles J. Kurtz	Thomas F. O'Shaughnessy, Jr.
Asbjorn Kvammen, Jr.	Niles C. Overly
Jan H. Larson	Robinson M. Overly
Marcia C. Larson (Mrs. Robert L.)	George T. Owens, Jr.
Ronald J. Lebio	James J. Patton
Stephen A. Lemaster	Richard A. Perry
Stephen C. Light	James L. Phipps
Robert F. Littlehale III	J. William Plummer
Frederick M. Luper	Gary M. Poling
Linda S. MacKay (Mrs. John)	Jeffrey S. Pontius
James H. Maddox	Gary L. Porter
Richard M. Main	Robert L. Prior
Glyde A. Marsh	William E. Radebaugh
John T. Martin	Lawrence P. Randles
Michael T. Martin	Robert C. Rau
Jack P. Martz	Joseph R. Redman
Pamela J. Mascari (Mrs. Samuel J.)	George E. Resanovich
Bernard F. Master	William M. Reynolds
Eugene L. Matan	William J. Riat
Thomas M. Mathes	George Richards
Charles B. May	Thomas B. Roberts
James E. McAlister	John B. Rohyans
Russell A. McBride	Nicholas G. Roman
Patrick T. McCray	Carolyn C. Rowland
Margaret M. McLain	Janis E. Ruff
Brian N. McMahan	Daniel M. Runyan
Mark K. Merkle, Jr.	Louis B. Schaefer, Jr. IV
Joe R. Mesenburg	Jane M. Schmidt
James J. Miller	Susan L. Schmidt
John F. Miller	Diane L. Schmuck
William N. Morris	Harry R. S. Schneider
Robert D. Morrison	Karen R. Schneiderman
Clif H. Murfin	Howard P. Schnitz
Laura Lee Murphy	Thomas H. Schottenstein

June 12, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR APRIL 1980 (contd)

New Presidents Club Members - April 1980 (contd)

William J. Schottenstein	Dorothy G. Tonjes (Mrs. Ronald G.)
Fred W. Schwartz	Martha S. Turley
Judith L. Scott	Kenneth L. Underwood
George E. Serednesky	Ralph R. Veriotti
Margaret B. Shackelford (Mrs. James)	David G. Vinsel
Carl E. Sharp	Charles R. von Schrietz
Frederick J. Sharp, Jr.	Jane B. Wallace (Mrs. William R.)
Jeffery W. Shaw	Marilyn F. Wallace (Mrs. A. Richard)
Edward A. Sheppard	Kirk G. Warner
Mark J. Sheriff	Prudence Wassmuth (Mrs. Allan W.)
Ellin S. Skapik (Mrs. Stephen M.)	Jack L. Weaver
Thomas L. Skinner	John A. Weber
Frederick P. Smith	Todd C. Weiser
Suzanne P. Smith (Mrs. Frederick P.)	John A. Wharff
Edward D. Sparks	Catherine E. Wheaton (Mrs. Edward A.)
Frances S. Starinchak	Edward M. Wick, Jr.
Joseph Stegmayer	Judith S. Widing (Mrs. Robert E.)
Robert L. Stegner	Suzanne M. Widing (Mrs. Christopher G.)
Charles M. Steines	Douglas E. Williams
Robert M. Stewart, Jr.	Roger D. Williams
William B. Stoer	Phyllis K. Wilson
Mary G. Stover (Mrs. Stephen)	David C. Winters
Robert B. Strausbaugh	John H. Winters
Dennis P. Sullivan	James T. Winzenreid
Terrence T. Sullivan	Barry H. Wolinetz
Alan J. Sutton	Robert S. Wood II
Donald F. Swarm	John R. Workman
F. Joseph Tate, Jr.	Ronald A. Wright
David E. Tatman	Peter P. Yasko
Karl B. Tauche	Frank W. Yoder
Clayborn C. Taylor	Charles R. Yoss
V. Craig Taylor	Brian H. Young
William R. Taylor	David M. Young
Terry N. Teeple	Gerard Thomas Young
Jacquelyn J. Tell	James T. Young
Rick L. Terhune	Arnold O. Zacks
Danna E. Testa	Sandy E. Zeno (Mrs. Steven C.)
Cheryl K. Thirtyacre (Mrs. Gregory H.)	Michael J. Zimmerman
Herman E. Tice	
Martha G. Timmons (Mrs. Ned T.)	

June 12, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THIRD QUARTER SUMMARY

January 1, 1980 through March 31, 1980

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Source	No. of Donors	Support Level
ANNUAL GIVING		
Direct Mail	429	\$ 10,961.00
Annuals	695	11,102.50
Miscellaneous	5,191	163,827.94
Community Campaigns	3	45.00
Corporate Matching Gifts	134	65,493.00
TOTAL	6,452	\$ 251,429.44
MAJOR RESOURCES		
Deferred Gifts	14	\$ 184,850.21
Major Individuals	474	453,585.52
Corporations	164	480,965.69
Corporate Foundations	73	109,272.45
Private Foundations	18	78,224.51
Other Organizations	224	368,175.90
TOTAL	967	\$1,675,074.28
GRAND TOTAL	7,419	\$1,926,503.72

June 12, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$395,297.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Leukemia-Lymphoma Program, Department of Medicine (S. P. Balcerzak) and College of Pharmacy (L. Malspeis), 1 March 1980 through 28 February 1981. (Project 763982 - Continuation)

\$350,000.00 - Department of Labor, Employment and Training Administration, Washington, D. C., A Formative Evaluation of the Private Sector Initiative and HIRE II, Department of Political Science (R. B. Ripley), 1 April 1980 through 30 November 1981. (Project 761515 - Continuation)

\$223,435.00 - Environmental Protection Agency, Washington, D. C., Evaluation of a Short-Term *In Vivo* System for Risk Assessment of Environmental Chemicals, Department of Pharmacology (D. Couri), 1 April 1980 through 31 March 1981. (Project 762125 - New)

\$173,979.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Southwest Oncology Group, Department of Medicine (H. E. Wilson) and Department of Radiology (F. Batley), 1 January 1980 through 31 December 1980. (Project 761094 - Continuation)

\$150,453.00 - National Science Foundation, Washington, D. C., Dynamics of the Southern Portion of the Greenland Ice Sheet, Institute of Polar Studies and Department of Geology and Mineralogy (I. M. Whillans), Institute of Polar Studies (J. F. Bolzan), Institute of Polar Studies and Department of Mathematics (R. E. Ewing), and Department of Geodetic Science (I. I. Mueller), 15 April 1980 through 30 April 1981. (Project 762103 - New)

\$147,755.00 - National Endowment for the Humanities, Washington, D. C., Moral Negotiation as Moral Education: Rational Resolution of Moral Disagreements, Academic Faculty of Educational Foundations and Research (G. Reagan) and Department of Philosophy (B. Rosen), 1 April 1980 through 31 March 1982. (Project 762129 - New)

\$134,600.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Development of an Assay for Genetic Damage to Mammary Gland Cells, Department of Radiology (R. W. Hart) and Departments of Radiology and Pharmacology (S. D'Ambrosio and F. B. Daniel), 1 September 1980 through 31 August 1981. (Project 761268 - Continuation)

June 12, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$132,132.00 - Environmental Protection Agency, Great Lakes National Program Office, Chicago, Illinois, Technical Assessment of the Lake Erie Intensive Study, Center for Lake Erie Area Research, College of Biological Sciences (C. Herdendorf), 1 March 1980 through 28 February 1981. (Project 762099 - New)

\$130,000.00 - National Science Foundation, Washington, D. C., Nuclear Physics Research at Low and Intermediate Energies, Department of Physics (H. J. Hausman, S. L. Blatt and T. R. Donoghue), 1 November 1980 through 31 October 1981. (Project 761653 - Continuation)

\$127,751.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, General Research Support Branch, Bethesda, Maryland, Biomedical Research Support Grant, Department of Medicine Administration (H. G. Cramblett), 1 April 1980 through 31 March 1981. (Project 761078 - Continuation)

\$125,710.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Pharmacology of ICRF-159 Related Analogues, College of Pharmacy (D. T. Witiak), Department of Microbiology and Cancer Research Center (B. S. Zwilling), and Department of Veterinary Pathobiology (A. Koestner), 1 May 1980 through 30 April 1981. (Project 761586 - Continuation)

\$115,904.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Unsaturated Polyolefins and Hydrocarbon Carcinogenesis, Department of Chemistry (L. A. Paquette), 1 June 1980 through 31 May 1981. (Project 763284 - Continuation)

\$115,000.00 - Environmental Protection Agency, Washington, D. C., Kinetic Study of Simulated Atmospheres Containing Common Sulfur, Nitrogen and Carbon Pollutants, Department of Chemistry (J. G. Calvert), 1 April 1980 through 31 March 1981. (Project 761545 - Continuation)

\$108,043.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, Graduate School - Administration (J. B. LaPidus), 1 April 1980 through 31 March 1981. (Project 764748 - Continuation)

\$106,901.00 - Environmental Protection Agency, Washington, D. C., Information Collection, Analysis and Dissemination (EPA), Academic Faculty of Science and Mathematics Education (R. W. Howe), 1 November 1979 through 31 December 1980. (Project 760919 - Continuation)

June 12, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$84,242.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Polycondensed Alicyclics and Their Antiviral Role, Department of Chemistry (L. A. Paquette), 1 May 1980 through 30 April 1981. (Project 763920 - Continuation)

\$80,000.00 - National Science Foundation, Washington, D. C., A Program of Research Using Low and Medium Energy Nuclear Physics Facilities, Department of Physics (R. N. Boyd), 1 May 1980 through 30 April 1981. (Project 761656 - Continuation)

\$75,600.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Graduate and Professional Opportunities Program Fellowships, Graduate School Administration (A. S. Pruitt), 1 September 1980 through 31 August 1981. (Project 762138 - Continuation)

\$75,590.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Expression of Epstein-Barr Virus in Hybrid Cells, Department of Medical Microbiology (R. Glaser), 1 April 1980 through 31 March 1981. (Project 761077 - Continuation)

\$69,989.00 - Environmental Protection Agency, Washington, D. C., The Role of Environmental Temperature in Carcinogenesis, Department of Physiology (H. Weiss), 14 April 1980 through 13 April 1981. (Project 762133 - New)

\$67,320.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Diazo, Diazirino, Azoxy and Novel Heterocyclic Compounds, Department of Chemistry (H. Shechter), 1 April 1980 through 31 March 1981. (Project 762793 - Continuation)

\$64,895.00 - Lawrence Berkeley Laboratory, University of California, Berkeley, California, Thermodynamic Framework for Estimating the Efficiencies of Alkaline Batteries, Department of Metallurgical Engineering (D. D. Macdonald), 1 March 1980 through 28 February 1982. (Project 762132 - New)

\$64,610.00 - National Science Foundation, Washington, D. C., Stereoscopic Visual and Anemometry Studies of Coherent Motions in Turbulent Shear Flows, Department of Chemical Engineering (R. S. Brodkey), 1 April 1980 through 30 April 1981. (Project 761061 - Continuation)

June 12, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$62,888.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Alpha-Adrenergic Effects on Heart Metabolism, Department of Physiological Chemistry (F. A. Kruger), 1 April 1980 through 31 March 1981. (Project 761055 - Continuation)

\$61,104.00 - National Science Foundation, Washington, D. C., Fundamental Characteristics of a Semifluidized Bed Bioreactor, Department of Chemical Engineering (L. S. Fan), 15 April 1980 through 30 April 1982. (Project 762137 - New)

\$58,845.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Post-Transcriptional Control in Eukaryotic Cells, Department of Physiological Chemistry (T. E. Webb), 1 April 1980 through 31 March 1981. (Project 760063 - Continuation)

\$56,029.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Cardiopulmonary Actions: Trimetoquinol Analogs, College of Pharmacy (D. D. Miller), 1 July 1980 through 30 June 1981. (Project 761574 - Continuation)

\$51,272.00 - Department of the Army, U. S. Army Research Office, Research Triangle Park, North Carolina, Electrically Small Antennas, ElectroScience Laboratory, Department of Electrical Engineering (J. H. Richmond and C. H. Walter), 1 May 1980 through 30 April 1981. (Project 761622 - Continuation)

\$49,857.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Effects of Dietary Change on Lipid Biosynthesis, Department of Physiological Chemistry (H. W. Sprecher), 1 May 1980 through 30 April 1981. (Project 764415 - Continuation)

\$48,785.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Subsonic Wing/Fuselage Aerodynamic Study, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek) and Department of Aviation (G. S. Weislogel), 1 April 1980 through 31 March 1981. (Project 762114 - New)

\$47,400.00 - National Science Foundation, Washington, D. C., Chemistry of Metal-Carbon Sigma Bonds, Department of Chemistry (A. A. Wojcicki), 1 July 1980 through 30 June 1981. (Project 761787 - Continuation)

June 12, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$45,150.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis of Substituted Polycyclic Hydrocarbons, Department of Chemistry (M. S. Newman and D. W. Meek), 1 June 1980 through 31 May 1981. (Project 761809 - Continuation)

\$42,981.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Regulation of Lipogenesis by Polyunsaturated Fats, Department of Food Science and Nutrition (S. D. Clarke), 1 April 1980 through 31 March 1981. (Project 761079 - Continuation)

\$40,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Utilization of Range and Range-Difference Observations in Geodynamics, Department of Geodetic Science (I. I. Mueller), 1 April 1980 through 18 April 1981. (Project 761882 - Continuation)

\$39,236.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Pharmacy (A. H. Soloway), 1 April 1980 through 31 March 1981. (Project 760661 - Continuation)

\$38,762.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Veterinary Medicine - Administration (C. R. Smith), 1 May 1980 through 31 March 1981. (Project 762776 - Continuation)

\$36,163.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, A Study of Tactual Sensing and Transmittal of Information, Department of Psychology (R. J. Jagacinski) and Department of Aviation (R. D. Gilson), 1 April 1980 through 31 March 1981. (Project 760476 - Continuation)

\$35,121.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Research on Computer Database Systems, Department of Computer and Information Science (D. K. Hsiao), 1 March 1980 through 30 September 1980. (Project 760226 - Continuation)

\$35,035.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Kinetic-Elastic Approach for Time-Dependent Rheological Data, Department of Chemical Engineering (R. S. Brodkey), 24 March 1980 through 30 September 1980. (Project 762084 - 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)

\$29,880.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Impact of Prior Noncontingency on Learning and Memory, Department of Psychology (D. D. Wickens), 1 April 1980 through 31 March 1981. (Project 760538 - Continuation)

\$24,938.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Separated Flows, Department of Aeronautical and Astronautical Engineering (O. R. Burggraf), 1 January 1980 through 31 December 1980. (Project 760325 - Continuation)

\$21,600.00 - National Science Foundation, Washington, D. C., Carbon Isotope Ratios in Stars, Department of Astronomy (R. F. Wing), 1 March 1980 through 28 February 1981. (Project 762135 - New)

\$18,758.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, On-Board Portable Data Acquisition and Processing for Vehicle Testing, Department of Electrical Engineering (H. Hemami), 1 January 1980 through 31 December 1980. (Project 761987 - New)

\$16,729.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Zero Modules and Inverse System Design, Department of Mathematics (B. F. Wyman), 1 April 1980 through 31 March 1981. (Project 762131 - New)

\$16,118.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Pathogenesis of Infection by Feline Leukemia, Department of Veterinary Pathobiology (E. A. Hoover and J. L. Rojko), 1 January 1980 through 31 December 1980. (Project 761041 - Continuation)

\$15,685.00 - National Science Foundation, Washington, D. C., Homotopy Type of the Group of Automorphisms of Compact Manifolds, Department of Mathematics (D. Burghlelea), 1 July 1980 through 30 June 1981. (Project 762118 - New)

\$15,000.00 - Solar Energy Research Institute, Golden, Colorado, Efficiency of Photochemical Cells, Department of Biochemistry (R. T. Ross), 1 February 1980 through 31 January 1981. (Project 762020 - New)

\$10,905.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Strategies to Disrupt Pregnancy in the Tsetse Fly, Department of Entomology (D. L. Denlinger), 1 May 1980 through 30 April 1981. (Project 762136 - New)

June 12, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$10,000.00 - Department of Justice, Law Enforcement Assistance Administration, Washington, D. C., An Ecological Study of Criminal Victimization, Department of Sociology (K. P. Schwirian and R. J. Kinkel), 7 April 1980 through 6 April 1981. (Project 762102 - New)

\$7,500.00 - Department of the Interior, Geological Survey, Columbus, Ohio, Data Analysis Assistance to U. S. Geological Survey, Water Resources Center, Engineering Experiment Station (R. C. Stiefel), 1 April 1980 through 30 September 1980. (Project 762105 - Continuation)

\$4,955.00 - National Science Foundation, Washington, D. C., Doctoral Dissertation Research in Anthropology, Department of Anthropology (F. E. Poirier and D. M. Davidson), 15 April 1980 through 31 January 1981. (Project 762112 - New)

\$2,866.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Ultraviolet Studies of Some Be Stars of Later Type, Department of Astronomy (A. Slettebak), 15 May 1980 through 14 May 1981. (Project 762142 - New)

\$1,900.00 - Department of Health, Education, and Welfare, Office of Education, Bureau of Library and Learning Resources, Washington, D. C., Acquisition of Academic Library Resources for Agricultural Technical Institute, Wooster, Wooster Campus, University Libraries (G. D. Guthrie), 1 October 1980 through 30 September 1981. (Project 762106 - Continuation)

\$1,900.00 - Department of Health, Education, and Welfare, Office of Education, Bureau of Library and Learning Resources, Washington, D. C., Acquisition of Academic Library Resources for The Ohio State University, University Libraries (G. D. Guthrie), 1 October 1980 through 30 September 1981. (Project 762107 - Continuation)

\$1,900.00 - Department of Health, Education, and Welfare, Office of Education, Bureau of Library and Learning Resources, Washington, D. C., Acquisition of Academic Library Resources for the Newark Regional Campus, Newark Campus, University Libraries (G. D. Guthrie), 1 October 1980 through 30 September 1981. (Project 762108 - Continuation)

\$1,900.00 - Department of Health, Education, and Welfare, Office of Education, Bureau of Library and Learning Resources, Washington, D. C., Acquisition of Academic Library Resources for the Mansfield Regional Campus, Mansfield Campus, University Libraries (G. D. Guthrie), 1 October 1980 through 30 September 1981. (Project 762109 - Continuation)

June 12, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$1,900.00 - Department of Health, Education, and Welfare, Office of Education, Bureau of Library and Learning Resources, Washington, D. C., Acquisition of Academic Library Resources for the Lima Regional Campus, Lima Campus, University Libraries (G. D. Guthrie), 1 October 1980 through 30 September 1981. (Project 762110 - Continuation)

\$1,900.00 - Department of Health, Education, and Welfare, Office of Education, Bureau of Library and Learning Resources, Washington, D. C., Acquisition of Academic Library Resources for the Marion Regional Campus, Marion Campus, University Libraries (G. D. Guthrie), 1 October 1980 through 30 September 1981. (Project 762111 - Continuation)

\$1,400.00 - National Science Foundation, Washington, D. C., Tri-State Nuclear Theory Conference - Columbus, Ohio, April 4-5, 1980, Department of Physics (B. C. Clark and B. Mulligan), 1 April 1980 through 30 September 1980. (Project 762117 - New)

\$1,050.00 - Department of Agriculture, Forest Service, Bedford, Indiana, Distribution and Habitat Characteristics of the Indiana Bat in Wayne National Forest, Ohio, Department of Zoology (T. A. Bookhout), 1 October 1979 through 30 September 1980. (Project 761336 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$4,076,618.00**

State of Ohio Research Contracts/Grants

\$96,000.00 - State of Ohio, Department of Administrative Services, Columbus, Ohio, Ohio Public Executives Program, College of Administrative Science - Continuing Education (J. P. Stanley), 1 May 1980 through 30 April 1981. (Project 762121 - Continuation)

\$58,949.00 - State of Ohio, Department of Education, Columbus, Ohio, Effects of Early Education and Summer Schooling Projects, Academic Faculty of Exceptional Children (T. M. Stephens), 7 January 1980 through 31 December 1980. (Project 762073 - New)

\$42,989.00 - State of Ohio, Department of Natural Resources, Office of Civilian Conservation, Columbus, Ohio, Youth Conservation Corps Resident Camp at Barnebey Center for Environmental Studies, School of Natural Resources (J. M. Dowdy), 21 April 1980 through 30 September 1980. (Project 762144 - New)

\$41,850.00 - State of Ohio, Department of Administrative Services, Columbus, Ohio, Ohio Public Executives Program, College of Administrative Science - Continuing Education (J. P. Stanley), 1 May 1980 through 30 April 1981. (Project 762122 - Continuation)

June 12, 1980 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)

\$40,000.00 - State of Ohio, Board of Regents, Columbus, Ohio, Ohio Public Executives Program, College of Administrative Science - Continuing Education (J. P. Stanley), 1 May 1980 through 30 April 1981. (Project 762120 - Continuation)

\$5,316.00 - The Ohio Program in the Humanities, Columbus, Ohio, Communities at the Crossroads: Community Development and the Lima Region's Heritage and Future, Lima Campus and Department of Sociology (D. S. Adams) and Lima Campus and Department of English (K. T. Rainey), 7 March 1980 through 30 June 1980. (Project 762095 - New)

\$3,671.00 - State of Ohio, Department of Education, Columbus, Ohio, An Inservice Education Project on Continuing Education in Agriculture, Department of Agricultural Education (L. E. Miller), 1 March 1980 through 30 June 1980. (Project 762115 - New)

\$3,000.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Incentive Grant Related to the Elimination of Sex Bias in the Department of Agricultural Education at The Ohio State University, Department of Agricultural Education (J. Knight), 1 May 1980 through 30 September 1980. (Project 762126 - New)

\$2,882.00 - State of Ohio, Department of Education, Columbus, Ohio, Workshop: "Energy Management in Agriculture," Department of Agricultural Education (L. E. Hedges) and Department of Agricultural Engineering (J. Gliem), 1 April 1980 through 30 June 1980. (Project 762119 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$ 294,657.00

Industrial, Private and Other Non-Federal Research Contracts/Grants

\$587,589.00 - National Training Fund of the Sheet Metal and Air Conditioning Industry, Washington, D. C., National Training Fund University Center Continuation--1 July 1980 - 30 September 1981, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1980 through 30 September 1981. (Project 762130 - Continuation)

\$150,004.00 - International Telecommunications Satellite Organization, Washington, D. C., Radar Measurement of Rain Cells, ElectroScience Laboratory, Department of Electrical Engineering (D. B. Hodge), 20 March 1980 through 19 October 1981. (Project 762080 - New)

June 12, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$95,000.00 - Clarkson College of Technology, Potsdam, New York, (Task 4) Perform Technical Measurement to Determine Whether Discriminants Exist in the Time/Frequency Domain that Will Allow Characterization and Classification of Ground Based Tactical Targets, (Task 5) Derive Basic Understanding of Phenomenology Inherent in EM Scattering Characteristics of Stationary and Moving Tactical Ground Targets, ElectroScience Laboratory, Department of Electrical Engineering (A. A. Ksienski), 28 March 1980 through 30 September 1980. (Project 761830 - Continuation)

\$25,000.00 - Roskam Aviation and Engineering Corporation, Ottawa, Kansas, General Aviation Low-Speed Airfoil Design and Development Service - Individual "Users" Orders, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and J. D. Lee), 15 April 1980 through 30 June 1980. (Project 762145 - New)

\$24,234.00 - City of Columbus, Department of Finance, Management Services Division, Columbus, Ohio, Quality of Working Life Demonstration Effort, Center for Human Resource Research, Academic Faculty of Labor and Human Resources (D. M. Ronchi), 1 January 1980 through 30 June 1980. (Project 760790 - Continuation)

\$21,727.00 - Battelle - Columbus Laboratories, Columbus, Ohio, Large Animal Preclinical Evaluations of Pharmacodynamics Effects of Antineoplastic Compounds on the Cardiovascular System, Department of Veterinary Physiology and Pharmacology (R. L. Hamlin), 1 November 1979 through 31 December 1979. (Project 760245 - Continuation)

\$19,972.00 - Whirlpool Corporation, Benton Harbor, Michigan, Microwave Oven - Worst Case Probing Analysis, ElectroScience Laboratory, Department of Electrical Engineering (E. H. Newman), 15 April 1980 through 15 October 1980. (Project 762140 - New)

\$14,500.00 - Damon Runyon-Walter Winchell Cancer Fund, New York, New York, Short, Efficient and Stereoselective Synthesis of the First Members of the Dolastane Class, Department of Chemistry (L. A. Paquette and M. J. Chapdelaine), 1 April 1980 through 31 March 1981. (Project 761624 - Continuation)

\$12,250.00 - Southeastern Center for Electrical Engineering Education, Inc., Orlando, Florida, Transient Capacitance Measurements on Selected Silicon and Gallium Arsenide Solar Cells, Department of Physics (L. C. Brown), 1 January 1980 through 30 September 1980. (Project 760734 - Continuation)

June 12, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$6,003.00 - Shawnee Local School District, Lima, Ohio, Comprehensive Long-Range Proposal of the Educational Facility Needs of the Shawnee Local School District, Lima, Ohio, Academic Faculty of Educational Administration (A. E. Wohlers), 1 February 1980 through 30 June 1980. (Project 762124 - New)

\$5,024.00 - Ohio Peace Officer Training Academy, London, Ohio, Counter-Terrorist Driving Tactics and Techniques, National Center for Research in Vocational Education (R. E. Taylor), 1 May 1980 through 31 August 1980. (Project 762128 - New)

\$4,926.00 - Anchorage School District, Anchorage, Alaska, Alliance for Career and Vocational Education (Phase I of Guidance Assistance), National Center for Research in Vocational Education (R. E. Taylor), 1 January 1980 through 31 December 1980. (Project 762081 - New)

\$4,159.00 - American Cancer Society - Ohio Division, Inc., Cleveland, Ohio, Educational Program for Testicular Self-Examination, Cancer Research Center (C. Cavalaris), 1 March 1980 through 31 August 1980. (Project 762113 - New)

\$3,816.00 - Upper Arlington Public Schools, Upper Arlington, Ohio, Career Education Intern Project, Academic Faculty of Special Services (J. J. Quaranta), 1 November 1979 through 30 September 1980. (Project 761957 - Continuation)

\$3,530.00 - Piqua City School District, Piqua, Ohio, Projected Utilization of Existing Elementary School Buildings and Optional Future Housing Plans, Academic Faculty of Educational Administration (A. E. Wohlers), 1 December 1979 through 15 May 1980. (Project 762127 - Continuation)

\$2,600.00 - Greater Columbus Arts Council, Columbus, Ohio, The Logan Elm Press Children's Picture-Book Competition, Department of Art Education (K. Marantz and R. Tauber), 1 May 1980 through 30 June 1981. (Project 762143 - New)

\$2,499.00 - Anchorage School District, Anchorage, Alaska, Alliance for Career and Vocational Education (Phase II of Guidance Assistance), National Center for Research in Vocational Education (R. E. Taylor), 1 January 1980 through 31 December 1980. (Project 762081 - New)

\$2,000.00 - Cuyahoga Community College, Cleveland, Ohio, and Eastern Iowa Community College District, Davenport, Iowa, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1979 through 30 June 1980. (Project 761599 - Continuation)

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REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$1,418.00 - Purdue University, West Lafayette, Indiana, Services in Support of a Research Program Entitled: "Geometry of Nuclear Spaces," Department of Mathematics (B. Mityagin), 1 September 1979 through 31 May 1980. (Project 762141 - New)

\$1,312.00 - Gallia County and Local Schools, Gallipolis, Ohio, Critique of Educational Site Goals, Academic Faculty of Educational Administration (A. E. Wohlers), 15 February 1980 through 31 March 1980. (Project 762123 - New)

\$1,000.00 - Midlands Technical College, Columbia, South Carolina, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1979 through 30 June 1980. (Project 761599 - Continuation)

\$1,000.00 - Northern Essex Community College, Haverhill, Massachusetts, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1979 through 30 June 1980. (Project 761599 - Continuation)

\$300.00 - Women's Action Collective, Inc., Columbus, Ohio, Research Coordination for Rape Prevention, Department of Philosophy (R. G. Turnbull), 1 September 1976 through 31 August 1980. (Project 760643 - Continuation)

**TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-
FEDERAL RESEARCH CONTRACTS/GRANTS** **\$ 989,863.00**

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

\$49,596.00 - State of Ohio, Department of Transportation, Columbus, Ohio, Evaluation of Sulphur-Asphalt Paving Mixtures in Ohio: A Laboratory and Field Investigation, Transplex, Department of Civil Engineering, May 1, 1980 through April 30, 1981. (EES 590/529070, Extension 1)

Industrial and Other Sponsored Research and Development

\$29,071.00 - Electric Power Research Institute, Palo Alto, California, Technical Planning Study of Model Transmissions Line Parametrics Experiments, Department of Electrical Engineering, April 10, 1980 through September 30, 1980. (EES 605/529085)

Sponsored Development Projects

\$84,052.00 from various sponsors for 42 development projects.

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REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$92,114.00 - Pfizer, Inc., Groton, Connecticut, for Clinical Pharmacology Fund.

\$43,863.35 - SISA, Inc., Cambridge, Massachusetts, for Clinical Pharmacology Fund.

\$29,743.88 - Louise Orr Scott Foundation, Columbus, Ohio--\$22,307.91 for William Craig Orr and Mary Black Orr Scholarship in Medicine and \$7,435.97 for William Craig Orr and Mary Black Orr Scholarship in Pharmacy.

\$19,982.50 - Japan Oil Transportation Co., Ltd., Tokyo 108, Japan, for Japanese Politics Studies Program.

\$18,000.00 - Battelle Memorial Institute, Columbus, Ohio, for WOSU Support Fund.

\$16,900.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for Samuel J. Roessler Memorial Fund.

\$14,000.00 - Wyeth Laboratories, Philadelphia, Pennsylvania, for Anesthesia Research and Education Enhancement Fund.

\$10,832.00 - Sterling-Winthrop Research Institute, Rensselaer, New York, for Amrionone Research Dynamics.

\$10,078.13 - Foundation for Endowment of a Chair at Ohio State University, New York, New York, for Meshulam Riklis Chair in Business and Its Environment Fund.

\$10,010.00 - Ted L. Hilty, D.D.S., Fremont, Ohio--\$5,005.00 for Student Athlete Grant-in-Aid Fund and \$5,005.00 for Orthodontia Library Fund.

\$10,000.00 - Anderson Concrete Corporation, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

\$10,000.00 - Brubaker/Brandt, Inc., Columbus, Ohio, for College of Engineering Special Fund.

\$10,000.00 - Castleton, Inc., Lexington, Kentucky, for Dean's Education and Research Fund in Veterinary Medicine.

\$10,000.00 - E. I. duPont de Nemours & Company, Wilmington, Delaware, for Clinical Pharmacology Fund.

June 12, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$10,000.00 - Republic-Franklin Insurance Company, Columbus, Ohio--\$5,000.00 for The Griffith Foundation Endowment Fund and \$5,000.00 for The James F. Robeson Research Support Fund.

\$9,410.18 - Estate Under the Will of Stephen J. Tracy, Jr., Flushing, New York, for undesignated project(s).

\$8,180.57 - Systems Associates, Columbus, Ohio, for Cardiology Support Fund.

\$7,940.29 - Moffitt Royalty Trust, San Antonio, Texas, for Melvin E. Moffitt Memorial Fund.

\$7,500.00 - Summer & Co., Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

\$7,000.00 - Construction Equipment Group, Worthington, Ohio, for Student Athlete Grant-in-Aid Fund.

\$7,000.00 - Dow Chemical U.S.A., Midland, Michigan, for Dow Chemical Research Support.

\$7,000.00 - Pulmonary Associates, Columbus, Ohio, for Pulmonary Fund Respiratory Care Research Fund.

\$6,500.00 - Capital City Products Co., Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

\$6,221.00 - Huntington Banks, Columbus, Ohio, for WOSU Support Fund.

\$5,776.97 - Dr. Med. A. Guggenbuhl, CH 2540 Grenchen, Switzerland, for Endowed Residency Position in Clinical Veterinary Surgery.

\$5,707.00 - The Stewart Foundation, Boston, Massachusetts, for Arthur Young Professorship in Accounting.

\$5,000.00 - Alcoa Foundation, Pittsburgh, Pennsylvania, for Alcoa Foundation Fellowship Fund.

\$5,000.00 - The Duriron Company, Inc., Dayton, Ohio, for Duriron Professorship in Metallurgical Engineering.

\$5,000.00 - Samuel P. Frantz, Mason, Ohio, for Presidents Club Special Fund.

June 12, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$5,000.00 - Miles Laboratories, West Haven, Connecticut, for Antibiotic Research Rotary.

\$5,000.00 - Owens-Corning Fiberglas Corporation, Toledo, Ohio, for Owens-Corning Fund.

Gift-in-Kind

\$18,000.00 - Union Carbide, South Charleston, West Virginia, equipment to be used in the Department of Engineering Mechanics.

Establishment of Named Funds

Martha Brown Cancer Research Fund

The Martha Brown Cancer Research Fund was established June 12, 1980, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Martha Jarvis Brown, B.A. '26.

All gifts are to be invested in the University's Permanent Endowment Fund, under the 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 principal is to be used for cancer research. Distribution of the funds will be determined 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 and research.

The College of Pharmacy Advancement Fund

The College of Pharmacy Advancement Fund was established June 12, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni, faculty and friends of the College of Pharmacy.

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

June 12, 1980 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 College of Pharmacy Advancement Fund (contd)

The annual income is to be used for the enrichment of the College of Pharmacy, i.e., student financial aid, faculty and staff development, support of a student recruitment program, library acquisitions, seminars, equipment, facilities improvement, student and alumni activities and research. The college is authorized to invade the principal amount of the endowment when necessary. All requisitions will be approved by 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 pharmaceutical education.

Michael S. Melton Hebrew Library Fund

The Michael S. Melton Hebrew Library Fund was established June 12, 1980, by the Board of Trustees of The Ohio State University with memorial gifts to The Ohio State University Development Fund from the family and friends of Michael S. Melton.

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

The annual income is to be used to purchase Hebrew literature. The objective of this memorial fund is to build a strong research collection to support the University's teaching and research programs in Jewish studies. Books in Hebrew have been printed almost since the birth of printing; consequently, the quantity and quality is great. Requisitions for the disbursement of funds will be approved by the Director of Libraries and the Vice President for Educational Services.

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 preservation of Hebrew literature.

The Student Athlete Grant-in-Aid Endowment Fund

The Student Athlete Grant-in-Aid Endowment Fund was established June 12, 1980, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from friends of the Department of Athletics.

June 12, 1980 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 Athlete Grant-in-Aid 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 by the Department of Athletics to help defray the overall grant-in-aid costs.

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 official of the University who is then directly responsible for intercollegiate athletics.

The Alumni Club of Orange County and Long Beach Scholarship Fund

The Alumni Club of Orange County and Long Beach Scholarship Fund was established June 12, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Ohio State Alumni Club of Orange County and Long 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 right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for undergraduate or graduate students who have demonstrated academic ability and/or need for financial assistance, with preference being given to qualified California residents. The selection of the recipient is to be made upon the recommendation of the University Scholarship 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 student financial aid.

H. William Clatworthy, Jr., Lectureship in Pediatric Surgery

The H. William Clatworthy, Jr., Lectureship in Pediatric Surgery was established June 12, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Dr. and Mrs. H. William Clatworthy, Jr., of Delaware, Ohio, and others, with the intent that a professorship be established as noted below:

June 12, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

H. William Clatworthy, Jr., Lectureship in Pediatric Surgery (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.

After the fund reaches a principal value of \$25,000, not more than 50 per cent of the annual income or a maximum of \$1,500 therefrom is to be used to underwrite the cost of an annual lecturer on a subject related to the surgery of infants and children. The selection of the lecturer is to be made upon the recommendation of the Head of the Division of Pediatric Surgery, the Chairman of the Department of Surgery, in cooperation with the Dean of the College of Medicine. The remaining annual income, additional donations, and accrued interest acquired incident to the fund shall be added to the principal annually.

When the principal account reaches the amount of \$250,000, eighty-five per cent of the income from the fund shall thereafter be used to support a Professorship in Pediatric Surgery in Dr. Clatworthy's name. The remaining 15 per cent and any other income or donations received by the fund shall be applied to the principal annually. Thus, it is the direction of the donors that the initial endowed lectureship will eventually be converted into an endowed Professorship in Pediatric Surgery.

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 the preference being given to the recommendations to meeting the educational goals of the College of Medicine in the care of children.

John C. Morrow Memorial Fund

The John C. Morrow Memorial Fund was established June 12, 1980, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from students, colleagues, and friends of John C. Morrow, Ph.D. Speech '63.

All gifts are to be invested in the University's Permanent Endowment Fund, under the 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 research/travel grants for students in the Department of Theatre who are conducting significant research projects. The selection of the recipient(s) is to be made upon the recommendation of the Chairman of the Department of Theatre and the Dean of the College of the Arts.

June 12, 1980 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

John C. Morrow Memorial Fund (contd)

Should the need for these grants 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 theatre education/training.

The R. D. Barden Scholarship Award in Agricultural Engineering

The R. D. Barden Scholarship Award in Agricultural Engineering was established June 12, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Mrs. Frances Barden and other alumni and friends of the Department of Agricultural Engineering.

All gifts are to be invested in the University's Permanent Endowment Fund, under the 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 including freshmen and other undergraduates enrolled in agricultural engineering or agricultural mechanization and systems at The Ohio State University. The selection of the recipient is to be made by the University Committee on Student Financial Aids upon the recommendation of the Department of Agricultural 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 Agriculture.

The Porter, Wright, Morris & Arthur Professorship in Law Fund

WHEREAS the Board of Trustees on January 14, 1965, approved a set of guidelines for the establishment of "Named Professorships," which was subsequently modified March 3, 1972, and renamed "Endowed Professorships" and was modified further on May 5, 1978; and

WHEREAS gifts and pledges of gifts have been received from several individuals for the establishment of the Porter, Wright, Morris & Arthur Professorship in Law; and

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

June 12, 1980 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 Porter, Wright, Morris & Arthur Professorship in Law Fund (contd)

WHEREAS at such time as the gifts reach a total of \$250,000, the annual income shall be used to provide support for the work of a distinguished scholar and teacher in the College of Law with appointment to the Porter, Wright, Morris & Arthur Professorship to be recommended to the Provost by the Dean of the College of Law, for approval by the Board of Trustees; and

WHEREAS the Professorship shall be known as "The Porter, Wright, Morris & Arthur Professorship in Law" but should the name of the firm change or should the firm dissolve, separate or merge with another firm, the name of this professorship may be changed, in the sole discretion of the Dean of the College of Law, to a name most clearly coinciding with the original purpose of this endowment; and

WHEREAS there will be a period until this fund reaches the level necessary to endow a professorship, the income from the fund may, until that time, be used in the discretion of the Dean of the College of Law in such manner as will best serve the needs of the College of Law, including, but not limited to adding the income to this endowed fund or establishing a designated professorship; and

WHEREAS should the need for this faculty 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 College of Law:

NOW THEREFORE

BE IT RESOLVED, That "The Porter, Wright, Morris & Arthur Professorship in Law Fund" be established in accordance with the wishes of the donors.

The James F. Robeson Research Support Fund

The James F. Robeson Research Support Fund was established June 12, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund by alumni and friends of the College of Administrative Science.

All gifts are to be invested in the University's Permanent Endowment Fund, under the 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 is to be used to further research in the College of Administrative Science. Distribution for this purpose may be made from income or principal or both, until the funds available to support research programs are exhausted.

June 12, 1980 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 F. Robeson Research Support 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 Administrative Science.

The James E. Pollard Memorial Scholarship Fund in Journalism

The James E. Pollard Memorial Scholarship Fund in Journalism was established June 12, 1980, by the Board of Trustees of The Ohio State University by gifts from family and friends in memory of the late James E. Pollard, Ph.D. '39, History, Professor Emeritus, 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 right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for either: (1) students of above average academic achievement in the School of Journalism, or (2) high school seniors of above average academic achievement who enroll in the School of Journalism. To receive a scholarship, the students must be enrolled in the School of Journalism during the time the scholarship is awarded.

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 journalism scholarships.

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EMPLOYMENT OF ARCHITECT/ENGINEER

BULK CHEMICAL WAREHOUSE

Resolution No. 80-134

Synopsis: Employment of architect/engineer for design of Bulk Chemical Warehouse is presented for approval.

WHEREAS the Stores Department's Bulk Chemical Warehouse is currently located in an underground facility located between McPherson Chemical Laboratory and the "Sawtooth"

June 12, 1980 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER (contd)

BULK CHEMICAL WAREHOUSE (contd)

portion of McPherson; and the present facility, which was completed in 1930, does not meet the current standards for handling of these dry and liquid chemicals; and

WHEREAS it is proposed to relocate this warehouse type operation from the central part of the campus to a new facility of adequate size, located in the area north of the University Service Center and east of Kenny Road, and the new facility would be designed in accordance with current building standards and applicable environmental regulations, and a portion of the space within the facility would be made available for waste chemical processing and storage:

NOW THEREFORE

BE IT RESOLVED, That the firm of John Kincheloe, Architect, of Columbus, Ohio, be employed to provide architectural services for this project, which will include preliminary plans, basic working drawings, specifications, architectural rendering, estimates of cost, necessary bidding documents, and observation of the construction; and

BE IT FURTHER RESOLVED, That the fee for this service be negotiated between the firm and the Department of Administrative Services, Division of Public Works, with the total project cost estimated to be \$665,000. Funds for the project will be provided from Budget Account 882046.

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

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PLANS AND SPECIFICATIONS

Resolution No. 80-135

Synopsis: Plans and specifications are being proposed for the following project.

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

ROBINSON LABORATORY, REPLACE HVAC UNIT

Project: Replace second floor HVAC unit. The existing unit is over twenty years old and is a high maintenance cost item.

Funding: Budget Account 210134 (Contract Repair 1980-81)

Estimated Project Cost: \$115,000.00

June 12, 1980 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

ROBINSON LABORATORY, REPLACE HVAC UNIT (contd)

NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimate of cost for the project listed above be approved and that the President and/or Vice President for Business and Administration 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. Hilliker, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT OF AWARD OF CONTRACT AND
ESTABLISHMENT OF CONTINGENCY FUND**

Resolution No. 80-136

Synopsis: A contract has been awarded for the project enumerated below to the lowest and best bidder in accordance with University procedures.

WHEREAS a resolution adopted by the Board of Trustees at a previous meeting 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 a contract for the following project:

PARKING LOTS, MAINTENANCE AND REPAIRS - 1980

Description: Portion of annual maintenance program for repairs and upgrading of existing parking lots.

General Contract

Date Received:	May 6, 1980
No. of Bids:	8
Low Bid:	\$229,993.00*
High Bid:	\$309,750.00*
Estimate of Cost:	\$386,945.00
Awarded to:	Miller Sealing and Trucking Co. (Hilliard, Ohio)

June 12, 1980 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACT AND
ESTABLISHMENT OF CONTINGENCY FUND (contd)**

PARKING LOTS, MAINTENANCE AND REPAIRS - 1980 (contd)

Total Contract: \$229,993.00*
Total Contingency Allowance: \$ 16,000.53 which is 7 per cent of construction costs
Total Project Cost: \$249,332.00
Funding: Budget Account 885120 (Traffic and Parking Revenue)

* Recommended alternates reflected in these figures.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the action previously authorized by the Board, the award of a contract and the establishment of project funds and a contingency fund for the project listed above are hereby reported.

Upon motion of Mr. Hilliker, 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, INC. -
KENNY ROAD SOUTH OF LANE AVENUE**

Resolution No. 80-137

Synopsis: Request for authorization to enter into an agreement for the renewal of an easement held by Columbia Gas of Ohio, Inc., along the west side of Kenny Road south of Lane Avenue.

WHEREAS the University on February 11, 1965 by action of the Board of Trustees approved the granting of easement rights to Columbia Gas of Ohio, Inc., for construction of a four-inch (4") gas pipeline along Kenny Road south of Lane Avenue; and

WHEREAS said easement expired on May 12, 1980; and

WHEREAS the Department of Administrative Services has prepared the necessary legal instruments to renew said easement for a period of fifteen years; and

WHEREAS the appropriate University agencies (Physical Facilities and Campus Planning) have recommended that said renewal be granted:

June 12, 1980 meeting, Board of Trustees

**EASEMENT - COLUMBIA GAS OF OHIO, INC. -
KENNY ROAD SOUTH OF LANE AVENUE (contd)**

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Director of the Department of Administrative Services, pursuant to his statutory duties, to act on behalf of the University to process the necessary legal instruments to provide for the easement renewal.

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

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**LEASE OF LAND
(LANE AVENUE AND NORTH STAR ROAD)**

Resolution No. 80-138

Synopsis: Lease of land for a parking lot near the corner of Lane Avenue and North Star Road is proposed.

WHEREAS the State of Ohio, for the use of The Ohio State University, has title to a parcel of land near the corner of North Star Road and Lane Avenue, located in the City of Columbus, Franklin County, Ohio; and

WHEREAS The Franklin Bank of Columbus, Ohio, has expressed an interest in leasing a portion of said land for an initial term of 25 years for the purpose of constructing a parking lot and drive-in bank; and

WHEREAS it has been determined that the leasing of such land for the construction of a parking lot will not interfere with the use of adjacent University land; and

WHEREAS it has been determined that this land is not currently needed to carry out the educational mission of The Ohio State University:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to negotiate and sign, on behalf of the University, a lease with The Franklin Bank and to request the Ohio Department of Administrative Services to act for and on behalf of the University in completing the legal instruments required to provide for said lease.

Upon motion of Mr. Hilliker, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution with eight affirmative votes and Mr. Havens abstaining.

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June 12, 1980 meeting, Board of Trustees

**AMENDMENT TO LEASE AGREEMENT -
G. C. MURPHY COMPANY**

Resolution No. 80-139

Synopsis: Authorization to execute an Amendment of Lease Agreement with G. C. Murphy Company is requested.

WHEREAS at the March 7, 1980, meeting of the Trustees, a Sales Agreement was authorized to be executed for the sale of 218-258 West Center Street, Marion, Ohio, to Marion Power Shovel Company, Division of Dresser Industries, Inc.; and

WHEREAS the Sales Agreement included a provision that Paragraphs XX and XXI of the Lease Agreement with G. C. Murphy Company be waived by the lessee; and

WHEREAS G. C. Murphy Company is agreeable to waiving its rights under Paragraphs XX and XXI if the University agrees to modify Murphy's renewal options in Paragraph XIX from two (2) additional ten-year (10) periods to four (4) additional five-year (5) periods.

NOW THEREFORE

BE IT RESOLVED, That the Secretary of the Board of Trustees be authorized to execute an Amendment of Lease Agreement which will modify said lease in order to facilitate the closing of the sale of said property.

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

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TREASURER'S BOND

Resolution 80-140

Synopsis: Treasurer's Bond is being proposed pursuant to Section 3335.05 of the Ohio Revised Code.

WHEREAS Section 3335.05 of the Ohio Revised Code requires that the Treasurer of The Ohio State University give bond to the State of Ohio in such sum as the Board of Trustees determines; and

WHEREAS the Board of Trustees has determined that a bond of \$3,000,000 per incident will be adequate protection for the probable amount that realistically will be under the Treasurer's control in any one year:

June 12, 1980 meeting, Board of Trustees

TREASURER'S BOND (contd)

NOW THEREFORE

BE IT RESOLVED, That the bond of Richard D. Jackson, Acting Treasurer of The Ohio State University, as required by Section 3335.05 of the Ohio Revised Code, be set at \$3,000,000.

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

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**TRANSFER ADVISEMENT OF \$20,000,000 OF UNIVERSITY NON-ENDOWMENT
MONIES FROM NATIONAL INVESTMENT SERVICES OF AMERICA, INC.,
TO HUNTINGTON INVESTMENT MANAGEMENT COMPANY**

Resolution No. 80-141

Synopsis: Transfer advisement of \$20,000,000 of University non-endowment monies from National Investment Services of America, Inc., to Huntington Investment Management Company is presented for Board acceptance.

WHEREAS Huntington Investment Management Company of Columbus has been advising the University on the investment of \$15,000,000 of endowment funds; and

WHEREAS their results have been good relative to the market; and

WHEREAS a change is desired regarding the advisement of \$20,000,000 of University non-endowment monies presently being handled by National Investment Services of America, Inc., of Milwaukee:

NOW THEREFORE

BE IT RESOLVED, That the responsibility for the advisement of the University regarding \$20,000,000 of non-endowment monies be transferred from National Investment Services of America, Inc., to Huntington Investment Management Company, and the Vice President for Business and Administration or the Treasurer is hereby authorized to execute the necessary documents to affect this transfer.

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

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June 12, 1980 meeting, Board of Trustees

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 80-142

RESOLVED, That the report on the University's Investment Portfolio, dated May 16, 1980, 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, July 11, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

Chester Devenow
Chairman

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