# **MEETING OF THE BOARD OF TRUSTEES**

OF THE

# **UNIVERSITY OF ILLINOIS**

June 18, 1969



The June meeting of The Board of Trustees of the University of Illinois was held in the Chicago Illini Union, Medical Center campus, on Wednesday, June 18, 1969, beginning at 9:30 a.m.

President Earl M. Hughes called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Donald R. Grimes, Mr. Ralph C. Hahn, Mr. Earl M. Hughes, Mr. Theodore A. Jones, Mr. Russell W. Steger, Mr. Timothy W. Swain. Governor Richard B. Ogilvie and Mr. Ray Page were absent. Mr. Harold Pogue was not present when the Board convened, but joined the meeting later. Dr. James Weatherly resigned as a member of the Board of Trustees of the University of Illinois effective June 10, 1969, and his resignation was accepted by the Governor.

Also present were President David D. Henry; Executive Vice President and Provost Lyle H. Lanier; Chancellor Joseph S. Begando, Medical Center campus; Chancellor J. W. Peltason, Urbana-Champaign campus; Chancellor Norman A. Parker, Chicago Circle campus; Dr. Eldon Johnson, Vice President of the University; Mr. C. S. Havens, University Director of Physical Plant Planning and Construction; Mr. C. E. Flynn, Assistant to the President and University Director of Public Information; Mr. James J. Costello, University Counsel; and officers of the Board, Mr. H. O. Farber, Comptroller, and Dr. Earl W. Porter, Secretary.

Obtained Certificates

District of Columbia

New York

Wisconsin

Tennessee

Wisconsin

Missouri

Virginia

Texas

# MINUTES APPROVED

The Secretary presented the minutes of the meeting of the Board of Trustees on September 18, 1968, press proof copies of which had previously been sent to the Board.

On motion of Mr. Swain, these minutes were approved as printed on pages 31 to 116 inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY The Board considered the following reports and recommendations from the President of the University.

# PRESIDENT'S REPORT

Copies of the President's report on selected topics of current interest were distributed at the meeting, and a copy was filed with the Secretary of the Board.

# AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Illinois Accountancy Act of 1943, as amended, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law: State from Which They

Champaign, Illinois

Northbrook, Illinois

East Moline, Illinois

Oak Park, Illinois Rolling Meadows, Illinois Mound, Minnesota

Morton Grove, Illinois

Address

Orchard Park, New York

Name Harold Henry Bach, Jr. Jack Hinds DeAtley Lindsay Arthur Fleck Eugene Frank Kuehlthau Rudolph Louis Leone Rudolph PeterPaul Spoleti James Marion Talbert, Jr. Frank Joseph Uhler, Jr.

I concur.

On motion of Mr. Grimes, these certificates were awarded.

# APPOINTMENT TO BOARD OF EXAMINERS IN ACCOUNTANCY

(2) The Committee on Accountancy recommends the appointment of Frank A. Reichelderfer, partner in the law firm of Wilson and McIlvaine, Chicago, to the Board of Examiners in Accountancy for a three-year term beginning July 1, 1969, to succeed Crane Hauser whose term expires with the grading of the May, 1969 Examination. The appointment of Mr. Reichelderfer has the endorsement of the accountant members of the Board of Examiners and Mr. Reichelderfer is willing to serve if appointed.

I concur.

On motion of Mr. Jones, this appointment was approved.

### ADVISORY COMMITTEE FOR THE DIVISION OF UNIVERSITY EXTENSION

(3) The Dean of the Division of University Extension has recommended the following reappointments to the Advisory Committee for the Division for two years beginning September 1, 1969.

#### University Representatives

H. W. BAILEY, Associate Chancellor, Chicago Circle

NAT E. SMITH, Assistant Dean, College of Medicine, Medical Center

# Non-University Representatives

 RUEL HALL, County Superintendent of Schools, Kankakee County, Kankakee, 60901
 R. C. MCKAHAN, Division Traffic Manager, Illinois Bell Telephone Company, 208 West Washington Street, Chicago, 60606 On motion of Mr. Steger, these appointments were approved.

# COLLEGE OF BUSINESS ADMINISTRATION ADVISORY COMMITTEE. CHICAGO CIRCLE

(4) The Dean of the College of Business Administration recommends the following appointments to the Businessmen's Advisory Council for the College. Provisions for terms of service are expected to be developed later.

HARRY G. BECKNER, President, Jewel Food Stores, Melrose Park JOSEPH A. BURNHAM, Vice President, Marshall Field and Company, Chicago WALTER H. CLARK, Treasurer, First Federal Savings and Loan Association of Chicago

STANTON R. COOK, Vice President, Chicago Tribune

ROBERT K. DIVALL, Vice President and Treasurer, American Hospital Supply Corporation, Evanston

OSCAR R. DAUM, Senior Vice President for Administration, R. R. Donnelley and Sons Company, Chicago JOHN D. FOSTER, Vice President and Personnel Director, Montgomery Ward,

Chicago

J. S. GORE, Executive Vice President, Hart Schaffner and Marx, Chicago

R. G. GRIFFING, Vice President - Corporate Relations, CNA Financial Corporation, Chicago

Information, Chargo Store President — Planning, Motorola, Inc., Franklin Park ROBERT D. JUDSON, Vice President, The First National Bank of Chicago SIDNEY I. OBERMAN, Partner, Price Waterhouse and Company, Chicago E. OLIVER, Vice President — Personnel, Illinois Central Railroad, Chicago WILLIAM S. ROBINSON, Vice President — Product Management, The Quaker Oats Company, Chicago

JOHN T. SNYDER, JR., Treasurer, Standard Oil Company (Indiana), Chicago FRANK L. STELLNER, Vice President — Financial Relations, United States Gypsum Company, Chicago

ROBERT STUART, Chairman and Chief Executive Officer, National Can Corporation, Chicago

BIDE L. THOMAS, Division Commercial Manager, Chicago Central Division, Commonwealth Edison Company, Chicago

OLIVER W. TUTHILL, Vice President and Comptroller, Illinois Bell Telephone Company, Chicago J. W. VAN GORKOM, President and Chief Executive Officer, Union Tank Car Com-

pany, Chicago I concur.

On motion of Mr. Swain, these appointments were approved.

# ACTING DEAN OF STUDENTS, URBANA

(5) The Chancellor at Urbana has recommended that Mr. Hugh M. Satterlee, presently Director of Student Financial Aids, be appointed Acting Dean of Students effective September 1, 1969, through August 31, 1970, or until a dean is appointed, and that he be given an additional salary at the rate of \$2,000 per year. Mr. Satterlee will continue as Director of Student Financial Aids.

This recommendation is endorsed by the Executive Vice President and Provost. I recommend approval.

On motion of Mr. Grimes, this appointment was approved.

### DIRECTORSHIP OF INSTITUTE OF COMMUNICATIONS RESEARCH, URBANA

(6) The Dean of the College of Communications, Urbana, has recommended to the Chancellor the appointment of Dr. James W. Carey, presently Associate Professor of Journalism and Research Associate Professor in the Institute of Communications Research, as Associate Professor of Journalism and Research Associate Pro-fessor in the Institute of Communications Research on indefinite tenure and Director of the Intitute of Communications Research beginning September 1, 1969, on an academic year service basis at an annual salary of \$17,000.

1969]

This appointment is to succeed Professor Howard S. Maclay who has asked to be relieved of this administrative assignment as of August 31, 1969.

The Executive Vice President and Provost, the Chancellor, and the Dean of the Graduate College support this recommendation. I concur.

On motion of Mr. Swain, this appointment was approved.

### HEADSHIP OF THE DEPARTMENT OF PHYSIOLOGY AND BIOPHYSICS, URBANA

(7) The Dean of the College of Liberal Arts and Sciences, Urbana, has recommended to the Chancellor the appointment of Dr. William W. Sleator, presently Professor of Physiology and Biophysics at Washington University School of Medicine, as Professor of Physiology and Biophysics on indefinite tenure and Head of the Department of Physiology and Biophysics, beginning September 1, 1969, on an academic year service basis, at an annual salary of \$26,000. This appointment is to succeed Professor C. Ladd Prosser who has asked to

be relieved of his administrative assignment.

The nomination of Dr. Sleator was made with the advice of a search committee' and supported by the Executive Committees of the College and the School of Life Sciences, the Executive Vice President and Provost, the Chancellor, and the Dean of the Graduate College.

I concur.

On motion of Mr. Hahn, this appointment was approved.

# HEADSHIP OF THE DEPARTMENT OF PSYCHOLOGY, URBANA

(8) The Dean of the College of Liberal Arts and Sciences, Urbana, has recommended to the Chancellor the appointment of Dr. Morton W. Weir, presently Professor of Psychology and Acting Head of the Department of Psychology, as Professor of Psychology on indefinite tenure and Head of the Department of Psychology. chology beginning September 1, 1969, on an academic year service basis, at an annual salary of \$21,000.

This appointment is to succeed Dr. Lloyd G. Humphreys who has asked to be relieved of this administrative assignment as of August 31, 1969. Dr. Humphreys was on sabatical leave of absence during the first semester of 1968-69 and was an Associate in the Center for Advanced Study during the second semester of 1968-69. The nomination of Professor Weir is supported by the Executive Committee of the College and by the members of the Department of Psychology of professorial

rank. The Executive Vice President and Provost, the Chancellor, and the Dean of the Graduate College concur.

I recommend approval.

On motion of Mr. Swain, this recommendation was approved.

### APPOINTMENTS TO THE FACULTY

(9) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

Positions in the University are classified in the following categories and are designated in the budget by the symbols indicated: A -- indefinite tenure; P -indefinite term appointment for part-time service only; B-two years; D-one year; E-nine months from the beginning of the academic year; G-special tenure; Q — initial term appointment for Professor or Associate Professor; Y — twelve months' service required instead of two semesters; 1-7 — indicates the number of years of service which will be credited at the end of the contract period

toward completion of the probationary period relating to tenure. Figures following a symbol indicate percentage of time if the appointment is on a part-time basis (e.g., D75 means one year on three-fourths time).

#### Chicago Circle

1. BERNARD M. BERLODITZ, Assistant Professor of Mathematics, beginning September 1, 1969 (1), at an annual salary of \$12,000.

<sup>&</sup>lt;sup>1</sup> Jack Gorski, Professor of Physiology, Chairman; Howard S. Ducoff, Professor of Physiology and Biophysics; and Gregorio Weber, Professor of Biochemistry.

- 2. JAMES EDWARD CRACRAFT, Assistant Professor of History, beginning September 1, 1969 (1), at an annual salary of \$12,000.
- Вокотну W. Ivy, Preparations Librarian with rank of Assistant Professor, Library, beginning May 19, 1969 (1Y), at an annual salary of \$12,500.
   ЈАСК Н. PROST, Associate Professor of Biological Sciences on 60 percent time and of Anthropology on 40 percent time, beginning September 1, 1969 (A), at an annual salary of \$16,000.
- 5. FRANKLIN P. SWEETSER, Associate Professor of French, beginning September 1, 1969 (A), at an annual salary of \$17,500.
- MARIE-ODILE G. SWEETSER, Associate Professor of French, beginning September 1, 1969 (A), at an annual salary of \$17,500.
   WILLIAM D. THRASHER, Assistant Reference Librarian with rank of Assistant
- Professor, Library, beginning September 1, 1969 (3Y), at an annual salary of \$10,000.
- 8. JOSEPH A. WOLFE, Assistant Professor of Management, College of Business Administration, beginning September 1, 1969 (1), at an annual salary of \$12,600.

# Medical Center

- 9. EDDIE S. MOORE, Assistant Professor of Pediatrics, College of Medicine, beginning July 1, 1969 (1Y), at an annual salary of \$19,000. 10. PAUL T. SCHINDLER, Assistant Professor of Nursing, College of Nursing, on
- one-half time, beginning September 1, 1969 (BY50), at an annual salary of \$5,000.

# Urbana-Champaign

- 11. ROBERT A. BURNHAM, Assistant Professor of Educational Administration and Supervision, College of Education, beginning September 1, 1969 (1), at an annual salary of \$14,000.
- PETER R. KNIGHTS, Assistant Professor of Journalism, College of Communications, beginning September 1, 1969 (1), at an annual salary of \$11,000.
   PHILIP V. MCLAUGHLIN, JR., Assistant Professor of Theoretical and Applied Mechanics, beginning September 1, 1969 (1), at an annual salary of \$11,000.
   RALPH ARDEN MOON, Assistant Professor of Educational Administration and Application and Application and Application and Application and Application and Application and Applications.
- Supervision, College of Education, beginning September 1, 1969 (1), at an annual salary of \$11,500.
- JOHN E. PRUSSING, Assistant Professor of Aeronautical and Astronautical Engineering, beginning September 1, 1969 (1), at an annual salary of \$11,000.
   ROLAND R. RENNE, Professor of Agricultural Economics and Associate Dean of the College of Agriculture, for the period from May 18, 1969, through July 31, 1969 (G), at an annual salary of \$30,000.
   TUVINE V. Surr. Assistant Professor of Music beginning September 1, 1969.
- 17. THOMAS V. SIWE, Assistant Professor of Music, beginning September 1, 1969 (1), at an annual salary of \$10,000.

# Visiting Staff

- MICHAEL J. COLLINS, Visiting Assistant Professor of Mathematics, Chicago Circle, beginning September 16, 1969 (E), at an annual salary of \$9,500.
   JOHN W. ESTER, Visiting Professor of Law, Urbana, for the period from February 1, 1970, through June 15, 1970 (E), at a salary of \$11,000.
   WARREN F. SCHWARTZ, Visiting Professor of Law, Urbana, for the academic year 1969-70 (E), at a salary of \$22,000.
   RICHARD R. ZEHRBACH, Visiting Associate Professor of Special Education, College of Education, Urbana, beginning September 1, 1969 (Q), at an annual solary of \$14,000 salary of \$14,000.

On motion of Mr. Jones, these appointments were confirmed.

# DISCONTINUANCE, DEGREE OF MASTER OF TELEVISION, URBANA

(10) On June 16, 1955, the Trustees approved the establishment of a curriculum leading to the professional degree, Master of Television, to be offered by the School of Journalism and Communications as it was then called (now the College of Communications).

The degree was intended to provide advanced training in the nonengineering areas of television and was rather technical in character in contrast to the existing Master of Science in Radio and Television, which was academically oriented. The

program also differed from the Master of Science in Radio and Television in not requiring a thesis or a minor.

Increasingly, the College of Communications has emphasized broader programs and a concern for basic academic areas of study in the field of communications. Accordingly, and in harmony with the interests of many students, those seeking graduate training in television have been encouraged to elect the more academicallyoriented degree, the Master of Science in Radio and Television. It is now the judgment of the College that the degree approved in 1955, the Master of Television, has outlived its usefulness.

Accordingly, on recommendation of the College of Communications, and with the concurrence of the Graduate College, the Urbana-Champaign Senate has approved the discontinuance of the degree of Master of Television effective September, 1969, with the understanding that students currently in the program may continue in it and qualify for the degree if they so desire. The Senate Coordinating Council advises that no other Senate jurisdiction is involved.

The Chancellor at Urbana and the Executive Vice President and Provost support this recommendation.

I concur.

On motion of Mr. Jones, this recommendation was approved.

### CENTER FOR INTERNATIONAL COMPARATIVE STUDIES, URBANA

(11) The Board of Trustees on June 17, 1964, approved the Center for International Comparative Studies in the Graduate College. It is now proposed that the Center be transferred to the Office of International Programs and Studies.

It is felt that under the proposed administrative arrangement, the policy formulation activity of the Center will benefit from a more direct relationship to the other international programs and activities in progress on the campus. At the same time, the excutive committee structure of the Center will remain unchanged, in order to reflect campus involvement on as broad a scale as currently exists.

Budgetary support of the Center will not be altered; rather, the resources and programs of the Center will be complemented and reinforced by the proposed association with the Office of International Programs and Studies. It is hoped that better coordinated and more effective international programs possible under the proposed arrangement will enhance the total resources of the Center, in particular, in obtaining new long-term financial support.

In summary, no shift in policy formulation or budgetary control is foreseen, except to assure better communication and coordination of the Center with the Office of International Programs and Studies.

The Graduate College, the Director of the Center for International Comparative Studies, the Director of the Office of International Programs and Studies, and the Chancellor concur in this recommendation.

I recommend approval.

On motion of Mr. Hahn, this recommendation was approved.

#### OPERATION AND GOVERNANCE OF THE ILLINI UNION, URBANA

(12) The Chancellor at Urbana has made certain recommendations for the operation and governance of the Illini Union that would supersede earlier actions of the Board of Trustees.<sup>1</sup>

The specific recommendations are as follows:

- 1. The Director of the Illini Union shall be responsible for the administration of all physical facilities, services, and operations of the Illini Union with the exception of the social, cultural, educational, and recreational activities and programs of a campus-wide nature which shall be the responsibility of the Illini Union Board.
- 2. The Director of the Illini Union and the Program Director shall proceed in accordance with the instructions of the Illini Union Board in the conduct of the social, cultural, educational, and recreational programs of the Illini Union.
- 3. The Program staff is administratively responsible to the Director. However, the Director shall seek the advice and consent of the Illinois Union Board in the employment and review of the Program staff.

<sup>&</sup>lt;sup>1</sup> The recommendations proposed would supersede Trustee actions of July 22, 1941, and August 29, 1942.

- 4. Policies on the use of the Illini Union, including assignment of space, and the operation of all departments except Program Department (see Number 2 above) of the Illini Union shall be determined in full consultation between the Director of the Illini Union and the Illini Union Board. In those instances where agree-ment between the Director and the Illini Union Board can not be reached, the Chancellor, or his designee, will decide. (See motion.)
- 5. To provide for the maximum and informed consideration of all matters related to the operation of the Illini Union, the Illini Union Board shall annually assign to its student directors various aspects of these operations for their study and report to the Board.
- The Chancellor of the Urbana-Champaign campus will seek the advice of the Illini Union Board in the appointment of the Director of the Illini Union.
   The Director of the Illini Union and the Program Director of the Illini Union
- shall sit on the Illini Union Board but shall have no vote.
- 8. The Director of the Illini Union and the Illini Union Board shall report to the Chancellor with respect to administrative responsibilities via the Dean of Stu-dents and the Director of Plant and Services. (See motion.)
- 9. That the composition of the Illini Union Board be as follows:
  - a. Five to thirteen graduate or undergraduate students (selected by Illini Union Board - applicants not limited to persons with previous Illini Union experience).
  - b. One undergraduate student (appointed by Undergraduate Student Association).
  - c. One graduate student (appointed by Graduate Student Association).
  - d. Three faculty members (appointed by Chancellor).
  - e. Director of Illini Union (ex officio without vote).
  - f. Program Director of Illini Union (ex officio without vote).
  - g. Executive Director of Alumni Association (or his designee).

The major thrust of the recommendations provides for greater student participation through the Illini Union Board in the operation and governance of the Illini Union. Essentially, the operation of the Union, under these recommendations, will differ from the existing operation in the following ways:

- The Illini Union Board is more directly involved in the supervision of the pro-gram personnel and program activities of the Illini Union.
   The Director and Program Director remain as ex officio members but will not
- have a vote on the Illini Union Board.
- 3. The Chancellor will seek the advice of the Illini Union Board in the appointment of a Director of the Illini Union.

I concur in the recommendations of the Chancellor and recommend that previous Trustee actions be superseded accordingly.

President Henry introduced this agenda item for discussion, indicating that Chancellor Peltason would summarize and speak to the recommendations. The Chancellor did so, reviewing the background of the question. At his invitation, Professor Charles Wert, Chairman of the Urbana Senate Council, and Mr. John S. Adler, President of the Illini Union Board (a junior in the College of Commerce and Business Administration), were recognized and commented upon the positions taken by the Senate and the Union Board. (A prepared statement presented by Professor Wert was filed with the Secretary for record.)

The Board then considered a request from members of the Graduate Student Association to present a statement. On motion of Mr. Hahn, the Board approved the request and Miss Judith A. Stewart and Mr. Bruce A. Morrison of the Graduate Student Association spoke in favor of the recommendations as proposed by the Illini Union Board and approved by the Senate. Mr. Morrison made clear that his position represented a compromise that his preference would be for the original recommendations of the Senate Policy Committee on Student Affairs. Following extended discussion and questioning of administrative officers and the student and faculty spokesmen, on motion of Mr. Jones, the Board approved the recommendations as submitted with the following provisos: (1) that it be understood, with regard to recommendation Number 4, that instances of disagreement concerning *program* not be referred to the Chancellor but that in such instances of disagreement the Illini Union Board will prevail; (2) (as suggested by Mr. Clement) that the following sentence be added to recommendation Number 8: "This provision is not to be interpreted as modifying the powers of the Illini Union Board and Director as set forth above."

The Board also approved a motion by Mr. Hahn that the new policies as approved be evaluated by the Chancellor, the Illini Union Board and other appropriate agencies at the end of the 1969-70 academic year and that the Chancellor prepare an evaluation report for presentation to the Board.

At this point, Mr. Steger asked to be excused.

### TABLING, PROPOSED AMENDMENT TO SECTION 48 OF THE UNIVERSITY STATUTES: DEAN OF STUDENTS OR STUDENT AFFAIRS

(13) On September 20, 1967, the Board of Trustees adopted provisionally an amendment to Section 48 of the *Statutes* — Dean of Students — the intent being to eliminate the office of the University Dean of Students and to provide, in general terms, for an officer who would have "general supervision over extracurricular activities of students" at each campus.

The Senates' advice on the amendment differs, and the Senate Coordinating Council has forwarded the amendment without recommendation.

Meanwhile, the Chancellors at Urbana and at Chicago Circle have been studying the organization of student affairs and recommendations on this subject may be forthcoming during the coming months.

It is clear that any statutory references to the administration of student affairs should be generally applicable to all campuses, while leaving room for individual arrangements at each campus. Similarly, any contemplated statutory change should await the studies now being undertaken.

Accordingly, with the concurrence of the Chancellors, I recommend that the amendment of Section 48 of the *Statutes* be tabled until such time as it is possible to take into account the results of present studies and new recommendations that may be developed on the basis of them.

On motion of Mr. Grimes, this recommendation was approved.

### CHANGES IN NONACADEMIC POLICY AND RULES RELATING TO COMPENSATION OF EMPLOYEES

(14) Consistent with procedures followed in other recent revisions, comments have been solicited by the University Director of Nonacademic Personnel from deans, directors, and department heads and from employee organizations. Draft revisions were submitted to the Nonacademic Personnel Advisory Committees on each campus and to the University Nonacademic Employees Advisory Committee. Revised drafts were reviewed by the University Nonacademic Personnel Advisory Committee.

In the light of such reviews and upon the recommendation of the Vice President and Comptroller and of the University Director of Nonacademic Personnel, the following policy in respect to compensation is presented to the Board for approval. This policy is to become effective July 1, 1969, and upon its adoption all portions of the old edition of the *Policy and Rules* will have been superseded.

# University Policy: Compensation

Within the framework of applicable law, the University will provide optimum compensation, i.e., wages and employee benefits, consistent with the judicious ex-

penditure of funds entrusted to the University. The level of compensation paid to University employees will be comparable to that generally paid for work of a similar character by other employers located in the recruiting area and may be adjusted to maintain internal equity based on position classification factors. To encourage meritorious performance, an employee who consistently exceeds

To encourage meritorious performance, an employee who consistently exceeds the standards of performance for his position may receive added monetary recognition.

The President shall issue rules and procedures and take other action as needed to carry out this policy.

Pay comparability with the local area is provided for in Section 36k of the Civil Service Statute. The proposed policy integrates this statutory mandate with the judicious use of public funds and with internal job relationships. The proposed policy also provides for added monetary recognition to employees who consistently exceed the standards of performance for their positions. A copy of the rules which the President proposes to issue upon approval of the above policy by the Board of Trustees is being filed with the Secretary of the Board for record.

I concur in the recommendation that the above policy be approved as herein presented. Upon its approval, appropriate rules and procedures will be issued as indicated and modified from time to time as circumstances warrant in accord with policies established.

On motion of Mr. Jones, this recommendation was approved.

# APPROPRIATIONS FOR NONRECURRING EXPENDITURES Urbana-Champaign

(15) The Chancellor, on behalf of the Urbana-Champaign Committee on Nonrecurring Appropriations, recommends the following appropriations from the Urbana-Champaign General Reserve:

Remodeling in the Armory for classrooms	17 640
Remodeling in McKinley Hospital for the Mental Health Division	15 560
Total Unberg Chamtering Comment Bernut	¢ E1 100

Total, Urbana-Champaign General Reserve..... \$ 51 100

The Chancellor, on behalf of the Urbana-Champaign Committee on Nonrecurring Appropriations, recommends the following appropriations from the Urbana-Champaign Contract Research Reserve:

## Graduate College :

Computer-ba Atmospheric	sed Ed Resear	ucation ch Lab	Resear	ch La , equip	boratory, ment and	equiq resea	omen arch	t jour	nals.	. \$	15 00 30 00	
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Renovation and remodeling for which funds are assigned to the Department of Plant and Services :

Installation of a compressed air system donated by the Gardner-Denver	
Co. in the Aeronautical Engineering Laboratory B for the College	
of Engineering	17 200
Air conditioning in the Engineering Research Laboratory for the Com-	
puter-based Education Research Laboratory	
Remodeling of 1204 West Springfield Avenue, Urbana, for the Depart-	
ment of Computer Science.	
-	
Total, Urbana-Champaign Contract Research Reserve	\$107 850

### Chicago Circle

After review by the Chicago Circle Committee on Nonrecurring Appropriations, the Chancellor recommends the following appropriation from the Chicago Circle General Reserve:

I recommend approval.

On motion of Mr. Swain, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Steger.

### CONTRACTS FOR MINOR REMODELING AND NEW CONSTRUCTION. URBANA

(16) The President of the University, with the concurrence of appropriate admining and new construction on the Urbana campus for the period July 1, 1969, through June 30, 1971, to the following low bidders for eight divisions of work:

General - Dean Evans Co., a Delaware Corporation, Champaign

Electrical-Remco Electrical Corporation, a Delaware Corporation, Champaign Plumbing — Willis H. Thomas & Wren C. Thomas, a partnership, doing business as Thomas Plumbing & Heating Co., Urbana

- Heating, Piping, and Refrigeration -- Reliable Plumbing & Heating Company, a Delaware Corporation, Champaign
- Ventilation and Distribution Systems for Conditioned Air David W. Reichard Plumbing & Heating Co., Inc., an Illinois Corporation, Urbana
- Automatic Temperature Control Systems Barber-Colman Company, an Illinois Corporation, Rockford
- Insulation Champaign A&K Insulation Company, a Kentucky Corporation, Champaign

Plastering, Plaster Patching and Repairs, and Acoustical-George S. Grimmett, an individual doing business as Geo. S. Grimmett & Co., Springfield

These contracts are for work which does not justify the cost of preparing separate drawings and specifications and of separate bidding procedures on each project estimated to cost less than \$25,000. The several contractors bid on percentages to be added to actual material, labor, subcontractors and estimated tool and equipment rental volume costs, and the awards recommended are to the lowest bidders.

The work will be done as ordered by the Department of Plant and Services, and will be paid for on the basis of the actual cost of each job plus contractor's fees. A report including a schedule of bids received showing the fee percentages to be added for work to be executed under these cost-plus contracts is submitted herewith, and a copy is being filed with the Secretary of the Board for record as the basis for the contract awards recommended. No assignment of funds is requested, as each job will be covered by a contract change order charged against funds allocated for the project.

It is further recommended that the Vice President and Comptroller be authorized to approve orders under these contracts on projects up to \$25,000.

On motion of Mr. Hahn, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Steger.

# REQUEST TO THE ILLINOIS BUILDING AUTHORITY TO CONTRACT FOR CONSTRUCTION OF UNDERGROUND OIL TANK AND PUMP HOUSE FOR THE UTILITIES BUILDING, PHASE III ADDITION, CHICAGO CIRCLE

(17) The President of the University, with the concurrence of appropriate admin-istrative officers, recommends that the Illinois Building Authority be requested to award a contract in the amount of \$258,500 to Herlihy Mid-Continent Company, Addition of the Utilities Building of post-sol to Infirm Mid-Contract and pump house for the Utilities Building, Phase III Addition, at the Chicago Circle campus and proceed to procure this facility for the use of the University. This work is part of the project for Chicago Circle, Phase III, construction which the Board on July 26, 1967, requested the Illinois Building Authority to

provide. The Authority will finance the construction and lease the facilities to the University for rental payments for which state appropriations are available. Jurisdiction of the land has been transferred to the Authority.

It is also recommended that the Comptroller and the Secretary of the Board be authorized to make, execute, acknowledge, and deliver such instruments of trans-fer, conveyance, lease, contract, and other documents as are necessary to provide for the carrying out of the foregoing project and facility by the Illinois Building Authority, and that the resolution submitted herewith be adopted to implement the official action requested.

# Resolution

Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Illinois Building Authority be, and it hereby is, requested to award to Herlihy Mid-Continent Com-pany, 407 South Dearborn Street, Chicago, Illinois 60605, a contract for construction of the underground oil tank and pump house for the Utilities Building, Phase III Addition at the Chicago Circle Campus for the sum of \$258,500.00 and proceed to procure this facility for the use of the University.

Be It, and It Hereby Is, Further Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized to make, execute, acknowledge and deliver, in the name and on behalf of this cor-poration, such instruments of transfer, conveyance, lease, contract and other docu-ments as are necessary or appropriate in order to provide for the carrying out of the foregoing project and facility by the Illinois Building Authority.

On motion of Mr. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Steger.

### LEASE OF 606% EAST GREEN STREET, CHAMPAIGN

(18) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Board of Trustees request the University of Illinois Foundation to enter into a lease of the entire second floor (2,645 square feet) of the property at 6061/2 East Green Street, Champaign, for the Police Training Institute of the Division of University Extension at an annual rental of \$5,800 for a period beginning on or about July 1, 1969, and extending until June 30, 1972, with an option for renewal for an additional three-year period at the same rental rate and that the Foundation sublease the space to the University at the same rental on an annual basis.

Funds for minor remodeling and for rental and operation until June 30, 1970, are available in the revolving account of the Police Training Institute. Funds required for annual renewals of the sublease and operation costs after that date will be paid from this account as long as the Police Training Institute retains possession and thereafter will be requested in the budget of the Department of Plant and Services on an annual basis.

On motion of Mr. Grimes, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Steger.

LEASE WITH MID-AMERICA CHAPTER, AMERICAN RED CROSS, FOR DIVISION OF SERVICES FOR CRIPPLED CHILDREN, CHICAGO OFFICE (19) The President of the University, with the concurrence of appropriate administrative officers, recommends, subject to funds being made available from appropriations by the Seventy-sixth General Assembly, the execution of a lease with the American Red Cross, Mid-America Chapter, for the rental of 4,800 square feet of space located at 43 East Ohio Street, Chicago, for the Chicago District Office of the Division of Services for Crippled Children. The current lease held by the University expires June 30, 1969; and it is

recommended that the new lease be for the period July 1, 1969, through June 30. 1970, with the option of renewing at the same rate for the period July 1, 1970, through June 30, 1971.

The monthly rental for this space is \$1,940, or an annual charge of \$23,280.

On motion of Mr. Hahn, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain: no, none: absent, Governor Ogilvie, Mr. Page, Mr. Steger.

# PUBLICITY SERVICES FOR ASSEMBLY HALL, URBANA

(20) The President of the University, with the concurrence of appropriate administrative officers, recommends continuation of the services of Herbert J. Dotten, Promotional Manager, Park Forest, for preparation of promotional material and for professional counsel for programs in the Assembly Hall during the period from August 18, 1969, through June 17, 1970, for a total fee of \$13,750. Funds are available in the operating budget of the Assembly Hall.

On motion of Mr. Grimes, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Steger.

### TELEVISION SERVICE FOR RESEARCH AND EDUCATIONAL HOSPITALS, MEDICAL CENTER

(21) The President of the University, with the concurrence of appropriate admin-istrative officers, has recommended that the Board authorize an agreement with Wells Television, Inc., New York City, which will make it possible for patients in the Research and Educational Hospitals to rent television sets at a cost of \$1.75 per day.

According to the terms of the proposed agreement, Wells Television, Inc. would install a master antenna system and provide television sets and service. The period of the contract would be six years and the University would receive a percentage of rentals collected per day as follows: 15 per cent of the first thirty-six rentals, 33 per cent of the next nineteen rentals, and 50 per cent of all rentals over fifty-five. The estimated annual income from rentals would be \$16,000. At the end of the six-year agreement, the antenna system would become the property of the University.

Should the University elect to terminate this agreement prior to the end of the six-year period, a charge of \$30,000 would be made, reduced by \$5,000 for each full year that the agreement was in effect, to cover the unamortized cost of the antenna.

On motion of Mr. Swain, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain: no, none; absent, Governor Ogilvie, Mr. Page, Mr. Steger.

#### INCREASE IN HOSPITAL-MEDICAL-SURGICAL FEE, URBANA

(22) The President of the University, with the concurrence of appropriate administrative officers and the University Committee on Fees, recommends the following increases in the Hospital-Medical-Surgical fee to be effective September 1, 1969, at the Urbana-Champaign campus only:

1. An increase in the total Hospital-Medical-Surgical fee from the present \$16.00 per semester or summer session to an amount of \$18.00 per semester or summer session. This fee as increased shall include a student fee of \$8.00 for McKinley Hopital. The McKinley Hospital fee shall be assessed to all students not now totally exempt from the Hospital-Medical-Surgical fee and shall not be subject to waiver because of other insurance coverage. The balance of the Hospital-Medical-Surgical fee of \$10.00 per semester or summer session shall be used for the purchase and administration of a medical insurance program for students and may be waived upon the presentation of evidence of insurance coverage equivalent to the University program.

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2. An increase in the nonrefundable charge from \$36.00 to \$38.00 in a semester or twelve-week term, and from \$26.00 to \$28.00 in an eight-week summer session in cases of withdrawal from the University.

On motion of Mr. Swain, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Steger.

### STUDENT INSURANCE PROGRAM

(23) The current student health insurance contract was approved by the Board on June 19, 1968, and is underwritten by the Continental Assurance Company, Chicago. It is recommended that the contract be continued for the 1969-70 academic year for all campuses. The benefits and premiums will be the same as the current contract with the exception of the following increase in benefits and premiums which have been recommended for the Urbana-Champaign campus only. The insurance company will pay:

Prescribed Drugs and Medicine — 80 per cent of the expense for drugs and medicines requiring the written prescription of a physician and which must be dispensed by a licensed pharmacist. Maximum benefit of \$50 per semester.

Dental Insurance - 50 per cent of the expense for fillings and extractions only. The benefit payment is limited to \$10 per visit and a maximum of five visits per semester.

### Urbana-Champaign Campus

	Premium to Insuranc	Payments e Company	Amounts by In	
	Per Semester		Per Se	mester
	Proposed	(Current)	Proposed	(Current)
Student Spouse Child	14.30	(8.05) (12.48) (8.89)	10.00* 15.00 10.00	(8,50)* (13.00) (9.00)

The recommended changes in benefits and premiums for the Urbana-Champaign campus are based upon the recommendation of the Health Service Student Advisory Committee, the Executive Committee of the Graduate Student Association, and the Executive Committee of the Undergraduate Student Association and are supported by the Chancellor of the Urbana-Champaign campus. The University Committee on Fees and the Vice-President and Comptroller concur in these recommendations.

I concur.

On motion of Mr. Hahn, this recommendation was approved.

#### FEDERAL AVIATION ADMINISTRATION GRANT FOR TAXIWAY LIGHTS AND OTHER IMPROVEMENTS AT UNIVERSITY OF ILLINOIS-WILLARD AIRPORT

(24) The President of the University, with the concurrence of appropriate administrative officers, recommends the adoption of the following resolution for acceptance of a grant of \$37,000 from the Federal Aviation Administration for the installation of taxiway lights and taxiway guidance signs on parallel taxiway system serving Runway 13/31, including vault equipment. (This grant is designated as Illinois Project 69A-11-471, FAA Project 9-11-026-C907.)

### Resolution Accepting, Adopting, and Authorizing Execution of Acceptance of Grant Offer of the Administrator of the Federal Aviation Administration Constituting Grant Agreement Between the United States, and the Board of Trustees of the University of Illinois

WHEREAS, the Administrator of the Federal Aviation Administration, for and in behalf of the United States, has extended to The Board of Trustees of the

• Included in the Hospital-Medical-Surgical fee.

University of Illinois, State of Illinois, a formal Grant Offer dated May 20, 1969, pursuant to the Project Application of The Board of Trustees of the University of Illinois, submitted to the Federal Aviation Administration dated January 24, 1969, all as hereinbelow set forth, and all relating to the development of the University of Illinois-Willard Airport, the same bearing FAA Project No. 9-11-026-C907; and

WHEREAS, pursuant to and for the purposes of carrying out the provisions of the Federal Airport Act (60 Stat. 170; Public Law 377, 79th Congress), it is necessary that said Grant Offer be duly and formally accepted by The Board of Trustees of the University of Illinois; and WHEREAS, such Grant Offer and such Acceptance thereof, duly executed, together shall constitute the Grant Agreement between The Board of Trustees of the University of Illinois, and the United States relating to said airport-development project; and

WHEREAS, the said Grant Offer is in the words, figures and form following:

#### FEDERAL AVIATION ADMINISTRATION

# GRANT AGREEMENT

# Part 1 — Offer

Date of Offer 20 May 1969 University of Illinois-Willard Airport Project No. 9-11-026-C907 Contract No. DOT-FA-69-CE-3885

To: The Board of Trustees of The University of Illinois and the Department of Aeronautics, State of Illinois (herein referred to as the "Co-Sponsors")

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

WHEREAS, the Sponsor has submitted to the FAA a Project Application dated 24 January 1969, for a grant of Federal funds for a project for development of the University of Illinois-Willard Airport (herein called the "Airport"), together with plans and specifications for such project, which Project Application, as approved by the FAA is hereby incorporated herein and made a part hereof; and

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

Install taxiway lights and taxiway guidance signs on parallel taxiway system serving Runway 13/31, including vault equipment.

all as more particularly described in the property map and plans and specifications incorporated in the said Project Application;

Now Therefore, pursuant to and for the purpose of carrying out the provisions of the Federal Airport Act, as amended (49 U.S.C. 1101), and in consideration of (a) the Sponsor's adoption and ratification of the representations and assurances contained in said Project Application, and its acceptance of this Offer as hereinafter provided, and (b) the benefits to accrue to the United States and the public from the accomplishment of the Project and the operation Agency, for and on behalf of The United States, hereby offers and agrees to pay, as the United States share of the allowable costs incurred in accomplishing the Project, 50 percentum thereof.

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 \$37,000.00.
- 2. The Sponsor shall:
  - (a) begin accomplishment of the Project within Ninety days after acceptance of this Offer or such longer time as may be prescribed by the FAA, with failure to do so constituting just cause for termination of the obligations of the United States hereunder by the FAA;
  - (b) carry out and complete the Project without undue delay and in accordance with the terms hereof, the Federal Airport Act, and Sections 151.45-151.55 of the Regulations of the Federal Aviation Agency (14 CFR 151) in effect

as of the date of acceptance of this Offer; which Regulations are hereinafter referred to as the "Regulations";

- (c) carry out and complete the Project in accordance with the plans and specifications and property map, incorporated herein, as they may be revised or modified with the approval of the FAA.
- 3. The allowable costs of the project shall not include any costs determined by the FAA to be ineligible for consideration as to allowability under Section 151.41(b) of the Regulations.
- 4. Payment of the United States share of the allowable project costs will be made pursuant to and in accordance with the provisions of Sections 151.57-151.63 of the Regulations. Final determination as to the allowability of the costs of the project will be made at the time of the final grant payment pursuant to Section 151.63 of the Regulations: *Provided*, that, in the event a semi-final grant payment is made pursuant to Section 151.63 of the Regulations, final determination as to the allowability of the costs of the according to the termination of the Regulations, final determination as to the allowability of those costs to which such semi-final payment relates will be made at the time of such semi-final payment.
- 5. The Sponsor shall operate and maintain the airport as provided in the Project Application incorporated herein and specifically covenants and agrees, in accordance with its Assurance 4 in Part III of said Project Application, that in its operation and the operation of all facilities thereof, neither it nor any person or organization occupying space or facilities thereon will discriminate against any person or class of persons by reason of race, color, creed or national origin in the use of any of the facilities provided for the public on the airport.
- 6. The FAA reserves the right to amend or withdraw this Offer at any time prior to its acceptance by the Sponsor.
- 7. This Offer shall expire and the United States shall not be obligated to pay any part of the costs of the Project unless this Offer has been accepted by the Sponsor on or before 30 June 1969 or such subsequent date as may be prescribed in writing by the FAA.
- 8. In addition the Sponsor shall:
  - (a) Incorporate or cause to be incorporated in each contract for construction work under the project, or any modification thereof, the equal opportunity clause as set forth in Section 202 of Executive Order No. 11246 of September 24, 1965, or such modification thereof as may be approved by the Secretary of Labor.
  - (b) Incorporate or cause to be incorporated in each bid or proposal form submitted by prospective contractors for construction work under the project the provisions prescribed by Section 151.54(d)(1), Part 151, Federal Aviation Regulations.
  - (c) Be bound by said equal opportunity clause in any Federally assisted construction work in which it participates.
  - (d) Cooperate actively with the FAA 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.
  - (e) Furnish the FAA and the Secretary of Labor such information as they may require for the supervision of such compliance and will otherwise assist the FAA in the discharge of its primary responsibility for securing compliance.
  - (f) Refrain from entering into any contract or contract modification subject to Executive Order No. 11246 with a contractor debarred from, or who has not demonstrated eligibility for, government contracts and Federally assisted construction contracts pursuant to Part II, Subpart D of Executive Order No. 11246.
  - (g) Carry out such sanctions and penalties for violation of the equal opportunity clause as may be imposed upon contractors and subcontractors by the FAA and the Secretary of Labor pursuant to Part II, Subpart D of Executive Order No. 11246; and in the event that the sponsor fails or refuses to comply with its undertakings, the FAA may cancel, terminate or suspend in whole or in part any contractual arrangement it may have with the Sponsor, may refrain from extending any further assistance under

any of its programs subject to Executive Order 11246 until satisfactory assurance of future compliance has been received from such applicant, or may refer the case to the Department of Justice for appropriate legal proceedings.

- 9. It is understood and agreed that each contract awarded for construction work under this project is subject to the provisions of the Work-Hours Act of 1962 Public Law 87-581. It is further understood and agreed that each contract will contain stipulations requiring the contractor or subcontractor to pay wages to all laborers and mechanics employed on work in conformance with the provisions of the Act and that the Sponsor may withhold or cause to be withheld from the contractor or subcontractor so much of the accrued payments as may be considered necessary to pay laborers and mechanics employed by any such contractor or subcontractor on the work the full amount of wages required by the contract and such sums as may administratively be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for liquidated damages as provided by the Act. It is also understood and agreed that, in the event of failure of any contractor or subcontractor to pay any laborer or mechanic employed or working on the site of the work all or part of the wages required by the contract, the FAA may, after written notice to the Sponsor, withhold from the Sponsor so much of the accrued payments or advances representing unpaid wages and liquidated damages.
- 10. The Sponsor hereby convenants and agrees that its financial records of the project, established, maintained and made available to personnel of the FAA in conformity to Section 151.55 of the Regulations of the Federal Aviation Agency (14 CFR 151) will also be available to representatives of the Comptroller General of the United States.
- 11. By its acceptance of this Grant Offer the Sponsor agrees that insofar as is within its powers and to the extent reasonable, the Sponsor will take action to restrict the use of land adjacent to or in the immediate vicinity of the airport to activities and purposes compatible with normal airport operations, including landing and take-off of aircraft, in furtherance of its undertaking as set forth in Paragraph 13 of Part III Sponsor's Assurances of the aforesaid Project Application.
- 12. By its acceptance hereof, the Sponsor hereby convenants that to the extent it has or may have either present or future control over each area identified on the Exhibit "A" as "clear zone," and unless exceptions to or deviations from the following obligations have been granted to the Sponsor in writing by the FAA, it will clear said area or areas of any existing structure or any natural growth which constitutes an obstruction to air navigation with the standards established by Section 77.23 as applied to Section 77.27, Part 77 of the Federal Aviation Regulations; and the Sponsor further control natural growth to the extent necessary to prevent the creation of obstructions within said standards.
- 13. The Sponsor hereby further convenants that it will not permit any permanenttype 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.
- 14. It is hereby understood and agreed by and between the parties hereto that Paragraph 7 of Part III — Sponsor's Assurances of the aforesaid Project Application shall be considered to be amended by deletion of the words "Section A of FAA Technical Standard Order No. N18 or Advisory Circular (AC) No. 150/5300.1, whichever is applicable according to the currently approved Airport Layout Plan," and by substitution therefore of the following: "Section 77.23 as applied to Section 77.27, Part 77 of the Federal Aviation Regulations."
- 15. It is understood and agreed that the terms "Administrator of the Federal Aviation Agency," "Administrator" or "Federal Aviation Agency" wherever they appear in this Agreement, in the Project Application, plans and specifications or other documents constituting a part of this Agreement shall be deemed to mean

the Federal Aviation Administrator or the Federal Aviation Administration as the case may be.

- 16. The Sponsor ---
  - (a) Will not grant or permit any exclusive right forbidden by section 308(a) of the Federal Aviation Act of 1958 (49 U.S.C. 1349 (a)) at the airport, or at any other airport now or hereafter owned or controlled by it;
  - (b) Agrees that, in furtherance of the policy of the FAA under this covenant, unless authorized by the Administrator, it will not, either directly or indirectly, grant or permit any person, firm or corporation the exclusive right at the airport, or at any other airport now or hereafter owned or controlled by it, to conduct any aeronautical activities, including, but not limited to, charter flights, pilot training, aircraft rental and sightseeing, aerial photography, crop dusting, aerial advertising and surveying, air carrier operations, aircraft sales and services, sale of aviation petroleum products whether or not conducted in conjunction with other aeronautical activity, repair and maintenance of aircraft, sale of aircraft parts, and any other activities which because of their direct relationship to the operation of aircraft can be regarded as an aeronautical activity;
  - (c) Agrees that it will terminate any existing exclusive right to engage in the sale of gasoline or oil, or both, granted before July 17, 1962, at such an airport, at the earliest renewal, cancellation, or expiration date applicable to the agreement that established the exclusive right; and
  - (d) Agrees that it will terminate any other exclusive aeronautical right now existing at such an airport before the grant of any assistance under the Federal Airport Act.
- 17. The FAA in tendering this Grant Offer on behalf of the United States recognizes the existence of an agency relationship between The Board of Trustees of the University of Illinois, as principal, and the State of Illinois, Department of Aeronautics, as agent, created by the Agency and Participation Agreement, executed for and on behalf of the said Board of Trustees on 24 January 1969, and for and on behalf of the said Department on 4 February 1969. It is understood and agreed that the said Agency and Participation Agreement will not be amended, modified or terminated without the prior approval, in writing, of the FAA.
- 18. It is understood and agreed that any reference herein or in the aforesaid Project Application, dated 24 January 1969, to plans and specifications, shall mean the plans and specifications as approved by the State Airport Engineer for Illinois, Chicago Area, Federal Aviation Administration, on 6 May 1969.
- 19. The Federal Government does not now plan or contemplate the construction of any structures pursuant to Paragraph 9 of Part III — Sponsor's Assurances of the Project Application, dated 24 January 1969, and, therefore, it is understood and agreed that the Sponsor is under no obligation to furnish any such areas or rights without cost to the Federal Government under this Grant Agreement. It is further understood and agreed that nothing contained herein shall in any way effect the rights of the United States or obligations of the Sponsor under prior Grant Agreements to furnish rent free space for the activities specified in such prior Agreements.
- 20. It is understood and agreed by and between the parties hereto that the United States shall not make, nor shall it be obligated to make, final grant payment hereunder until evidence has been submitted satisfactory to the FAA that the Sponsor has accomplished or initiated affirmative measures to achieve mutually compatible land-use of the land in the immediate vicinity of said airport.
- Sponsor has accomposed of initiated animative incestics to achieve mutually compatible land-use of the land in the immediate vicinity of said airport.
  21. It is understood and agreed by and between the parties hereto that the United States shall not make, nor shall it be obligated to make, final grant payment hereunder, until the FAA has determined that the lease agreement between the Sponsor and Dale L. Moore Snack Bar, has been amended to include therein Title VI of the Civil Rights Act of 1964 and Part 15 of the Federal Aviation Regulations; and the Sponsor agrees that it will submit such copies of the amended lease as the FAA may request for the purpose of making such determination.

The Sponsor's acceptance of this Offer and ratification and adoption of the Project Application incorporated herein shall be evidenced by execution of this instrument by the Sponsor, as hereinafter provided, and said Offer and Acceptance shall comprise a Grant Agreement, as provided by the Federal Airport Act, constituting the obligations and rights of the United States and the Sponsor with respect to the accomplishment of the Project and the operation and maintenance of the Airport. Such Grant Agreement shall become effective upon the Sponsor's acceptance of this Offer and shall remain in full force and effect throughout the useful life of the facilities developed under the Project but in any event not to exceed twenty years from the date of said acceptance.

> UNITED STATES OF AMERICA FEDERAL AVIATION ADMINISTRATION By PAUL E. CANNOM Manager Chicago Area

Part II --- Acceptance

	(Name of Sponsor)
(Seal)	By Title
Attest :	
Title :	

# Certificate of Sponsor's Attorney

I,, acting as A	Attorney for
(herein referred to as the "Sponsor") do he	ereby certify:
That I have examined the foregoing taken by said Sponsor relating thereto, and Sponsor has been duly authorized and that due and proper and in accordance with the and further that, in my opinion, said G binding obligation of the Sponsor in accord	t the execution thereof is in all respects laws of the State of, rant Agreement constitutes a legal and
Dated at this	day of 19
	Title
The State of Illinois, Department of Aeron by such acceptance agrees to all of the term	nautics does hereby accept said Offer and is and conditions thereof.
Executed this day of	
2	STATE OF ILLINOIS
(Seal)	Department of Aeronautics
Attest	By
Title	Title
Certificate of Co-sp	onsor's Attorney

I, ....., acting as Attorney for the State of Illinois, Department of Aeronautics, do hereby certify: That I have examined the foregoing Grant Agreement and proceedings taken by the State of Illinois, Department of Aeronautics relating thereto and find that the acceptance thereof by the State of Illinois, Department of Aeronautics 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 Illinois and further that, in my opinion, said Grant Agreement constitutes a legal and binding obligation of the State of Illinois, Department of Aeronautics in accordance with terms thereof.

Title.....

Now, Therefore, upon consideration of said Grant Offer and all of the terms, provisions, conditions, and exhibits therein and thereto, Be It, and It Is Hereby Resolved by The Board of Trustees of the University of Illinois, as follows:

- 1. That The Board of Trustees of the University of Illinois, accept, and it hereby accepts, the Grant Offer extended to it by the Administrator of the Federal Aviation Administration, for and in behalf of the United States, in the words, figures and form as hereinabove set forth, and that it shall enter into a Grant Agreement with the United States by causing the Acceptance thereof, in the words, figures and form as hereinabove set forth, to be duly executed in its name and for and in its behalf.
- and for and in its behalf.
   That to accomplish the foregoing, H. O. Farber, Comptroller, be and he is hereby authorized and directed to execute, for and in behalf of The Board of Trustees of the University of Illinois, the said Acceptance of the said Grant Offer, and that Earl W. Porter, Secretary, be and he is hereby authorized and directed to attest said execution and to impress thereon the Official Seal of The Board of Trustees of the University of Illinois, State of Illinois.
- Board of Trustees of the University of Illinois, State of Illinois.
  That the Project Application dated January 24, 1969, executed and submitted to the Federal Aviation Administration by The Board of Trustees of the University of Illinois, relating to FAA Project No. 9-11-026-C907, including all the statements, representations, warranties, covenants, and agreements contained therein, be and the same is hereby ratified and adopted.
- 4. That the Agency and Participation Agreement attached thereto and by reference made a part thereof, entered into on the 24th day of January, 1969, by The Board of Trustees of the University of Illinois, and on the 4th day of February, 1969, by the State of Illinois, Department of Aeronautics, be and the same is hereby confirmed and ratified.

On motion of Mr. Clement, the foregoing resolution was adopted.

# A GIFT FROM THE ESTATE OF DR. BERTRAM A. RICHARDSON

(25) The Chancellor at the Medical Center and the Vice President and Comptroller recommend that the two bequests of Dr. Bertram A. Richardson be used as follows:

- 1. \$50,000 to be established as an endowment, the income to be placed in the Bertram A. Richardson Scholarship Fund and expended upon the recommendation of the Dean and the appropriate faculty committee in the College of Medicine for the training of medical students and for medical scholarships.
- 2. \$50,000 to be placed in trust and invested with the income to be placed in the Bertram A. Richardson Dean's Fund and expended upon the recommendation of the Dean of the College of Medicine to enhance the teaching, research, and public service activities of the College of Medicine.

 $\mathrm{Dr.}$  Bertram A. Richardson was an alumnus of the Class of 1907 of the College of Medicine.

I concur.

On motion of Mr. Hahn, this recommendation was approved.

#### PURCHASES

(26) The President submitted, with his concurrence, a list of purchases recommended by the Directors of Purchases and the Vice President and Comptroller; also two purchases authorized by the President. The list of purchases was presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law. The total amounts of these purchases were:

From Appropriated Funds

Authorized				
Total	\$	845	599	18
From Institutional Funds				
Authorized Recommended	\$ 1	13 127	875 268	60 90
Total				
Grand Total	<b>\$</b> 1 '	986	743	68

A complete list of the purchases with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting, and a copy is being filed with the Secretary of the Board for record.

On motion of Mr. Clement, the purchases authorized by the President were approved, and the purchases recommended were authorized.

# COMPTROLLER'S REPORT OF PURCHASES APPROVED

(27) The Vice President and Comptroller also submitted a report of purchases approved by him on recommendation of the Directors of Purchases in amounts of \$5,000 to \$7,500. A copy of this report is filed with the Secretary.

This report was received for record.

### COMPTROLLER'S MONTHLY REPORT OF CONTRACTS EXECUTED

(28) The Comptroller's monthly report of contracts executed was presented.

# Chicago Circle

New Contracts

	1100 0000 0000	
With Whom	Purpose	Amount to be Paid to the University
Union Carbide Corporation	Investigate the physical chemistry of sulphur and silicon behavior in nickel-base alloys	\$ 5 000
Total		\$ 5 000
	Change Orders	
With Whom	Purpose	Amount to be Paid by the University
G. and M. Electrical	-	
Contractors Co.	Extention of electrical distribution system — phase III	\$ 12 115
Total		\$ 12 115
	Medical Center	•
	New Contracts	
With Whom	Purpose	Amount to be Paid to the University
Presbyterian-St. Luke's Hospital	Evaluation of the Marmoset as a laboratory animal in tumor virus research	\$ 15 520
State of Illinois, Department of Mental Health	Neonatal and fetal asphyxia: Adverse effects on dis- tribution of blood flow to the brain and their cor- rection	144 153
University of Chicago and Illinois Regional Medical Program	Systematic study of selected continuing education programs	32 200
United States Army DADA-17-69-C-9110	Antiradiation drugs — synthesis of mercaptoamidines	27 305

Total

\$219 178

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# UNIVERSITY OF ILLINOIS

# Change Orders

	Change Orders	4
	_	Amount to be Paid to the
With Whom State of Illinois, Department of Mental Health	Purpose Psychosomatic differentiation during infancy	University \$147 974
Total		\$147 974
Wilh Whom	Purpose	Amount to be Paid by the University
Fries Walters Company	Minor remodeling and new Construction: General	\$ 5 513
	Hospital	
Simpson Construction Company Total	Minor remodeling and new construction: Dentistry-Medicine-Pharmacy Building General Hospital Illinois Surgical Institute Building Neuropsychiatric Institute	7 884 7 264 6 362 5 909 \$ 32 932
10144	Urbana-Champaign	ę 02 902
	New Contracts	
With Whom	Purpose	Amount to be Paid to the University
State of Florida, State	Basic elementary and secondary education; its needs,	\$ 61 439
Department of Education	costs, and program requirements Study of natural variability raindrop size spectra	19 828
United States Air Force F-19628-69-C-0206		44 656
United States Army DA-ARO-D-31-124-G1129	Analytical aerotriangulation based on simultaneous adjustment of geodetic and photogrammetric measurements	
United States Atomic Energy Commission AT(11-1)2022	Analysis of fissile element cross sections and the development of associated computer programs	25 000
United States Department of Health, Education, and Welfare, National Air Pollution Control Administration CPA-22-69-65	Study of petrographic and mineralogical character- istics of carbonate rocks related to sulphur oxide sorption in flu gases	<b>69 3</b> 20
National Institutes of Health NIH-69-858	Symposium on Mossbauer spectroscopy	5 000
United States Office of Economic Opportunity CG 4960	Project "Upward Bound"	91 014
United States Navy N-00014-67-A-0305-0014	Effects of variations of dynamic movement relation- ships of flight displays on pilot performance	35 513 \$351 770
Total	Change Orders	
		Amount to be Paid to the
With Whom	Purpose	University
National Sand and Gravel Association	Site development problems related to sand and gravel pit operations re-use	\$ 9 000
United States Air Force AF-AFOSR-889-67	Anatomy of insect central nervous systems	12 949
United States Department of Health, Education, and Welfare:		
OEG-0-9-230222-2135-725	English as a second language institute	31 002
OEG-0-9-230283-2213-725	Institute for teachers of Latin	30 060
OEG-0-9-230472-2214-725	Foreign language institute — Russian	35 476
United States Department of the Interior, Federal Water Pollution Control Administration WP-01020-03(5)NC	Oxygen relationships in small streams	24 621
United States Department of Transportation, Federal Railroad Administration C-3-0152	Design of tunnel liners for high speed ground trans- portation	38 000
United States Navy N-00014-67-A-0305-0002	Investigation of radio direction finding techniques over broad bands of frequencies to obtain accurate information on intercepted signals	14 200
Total		\$195 308

### BOARD OF TRUSTEES

# Summary

Summary		
Total to be paid to the University:		
Chicago Circle	\$ 5	000
Medical Center Urbana-Champaign	367	152
Total	\$919	230
Total to be paid by the University:		
Chicago Circle	\$ 12	115
Medical Center	32	932
Total	\$ 45	047
This report was received for record.		

# COMPTROLLER'S QUARTERLY REPORT

(29) The Comptroller presented his quarterly report to the Board as of March 31, 1969.

This report was received for record and a copy has been filed with the Secretary of the Board.

# INVESTMENT REPORT For the Month of April, 1969

# **Report of the Finance Committee**

(30) The Finance Committee reported the following changes in investments of endowment funds:

Pool

Sales: 1,600 rts Oklahoma Gas and Electric Company 800 rts Polaroid Corporation	\$	75 ( 250 (	
Purchase: \$33 000 Commercial Credit Company demand notes	33	; 000 C	ю
Rust Sale :			
408 rts Oklahoma Gas and Electric Company		19 1	13

# Report of the Comptroller

The Comptroller reported the following changes in investments of current and unexpended plant funds, which he has been authorized to make :

# Current Funds

Current Funds	
Current Funds (Chicago Circle)	
Purchase: \$300 000 Broadway-Hale Stores notes due 6/30/69	\$295 275 00
Medical Service Plan (Medical Center) Purchase :	
\$40 000 Federal National Mortgage Association notes due 7/10/69	39 912 50
Restricted Group Purchases :	
\$ 500 000 Stokely-Van Camp notes due 6/24/69	491 833 33
1 000 000 International Harvester notes due 8/5/69	977 055 56
145 000 Continental Illinois National Bank bk.acc. due 8/8/69	142 011 39
133 000 Continental Illinois National Bank bk.acc. due 8/15/69	130 077 69
500 000 John Deere credit notes due 8/15/69	489 013 89
500 000 Bell and Howell notes due 9/5/69 500 000 Kimberly Clark notes due 9/5/69	484 736 11 485 513 89
500 000 Continental Illinois National Bank bk.acc. due 9/26/69	483 515 89
Plant Funds	
Bonds of 1964 Auxiliary Fund (Medical Center)	

#### Bonds of 1964 Auxiliary Fund (Medical Center) Purchases:

\$50 000 U.S. Treasury bills due 5/8/69	49 864 44
\$50 000 U.S. Treasury bills due 5/8/69 50 000 U.S. Treasury bills due 6/12/69	49 560 84

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Dentistry-Medicine-Pharmacy Auxiliary Fund (Medical Center)	
Purchase : \$50 000 U.S. Treasury bills due 6/12/69	49 560 83
Sinking Funds Women's Residence Halls	

Purchase:

\$1 000 U.S. Treasury bills due 2/28/70..... 958 27 This report was received for record.

# LEASES WITH THE ILLINOIS BUILDING AUTHORITY

(31) The Board of Trustees on July 26, 1967, authorized the Comptroller and the Secretary of the Board to execute the necessary documents to permit the Illinois Building Authority to proceed with certain University projects which the Seventyfifth General Assembly of the State of Illinois had declared to be in the public interest.

The Illinois Building Authority has now forwarded to the University forms of the leases which it requests be used on three of the projects and has requested that the Board of Trustees take specific action to approve the same. Copies of said lease forms as presented at this Board meeting are being filed with the Secretary of the Board for record.

The leases relate to the following University projects and are on the terms indicated : Annual Rent

Project	Legislative Declaration	Amount of IBA Bond	Amount of Rental Heretofore Paid Under Interim Lease	Annual Kent Due September 1, 1969, and on or before September 1, 1970, and on or before September 1 of Each Year Thereafter to June 30, 1993
Education Center Building, Chicago				
Circle <sup>1</sup> Utilities Center Addition, Chicago	\$6 781 575	\$5 595 000	\$482 440	\$459 845
Circle <sup>2</sup> Music Building,	2 297 900	2 145 000	163 475	177 190
Urbana	4 380 000	4 285 000	311 595	354 590

The execution of the interim leases and payments made thereunder from appropriations made by the Seventy-fifth General Assembly were authorized by the Board on July 26, 1967. Funds for rental payments under the presently proposed leases for 1969-70 are being requested to be appropriated by the Seventy-sixth General Assembly. The leases provide for termination in the event such appropriations are not made.

The President of the University, with the concurrence of appropriate adminis-trative officers, recommends that the Comptroller and the Secretary of the Board of Trustees be given specific authorization to execute the leases in substantially the form presented in this meeting and that the following resolution be adopted.

### Resolution Authorizing Leasing of Education Center Building, Utilities Center Addition, and Music Building from Illinois Building Authority

WHEREAS The Board of Trustees of the University of Illinois on July 26, 1967, authorized the Comptroller and Secretary of the Board to execute the necessary documents to permit the Illinois Building Authority to proceed with certain University projects which the Seventy-Fifth General Assembly of the State of Illinois had declared to be in the public interest; and

<sup>&</sup>lt;sup>1</sup> Also known as Education and Communications Building. <sup>3</sup> Also known as Utilities Building Addition.

WHEREAS in accordance with the Illinois Building Authority Act the Seventy-Fifth General Assembly of the State of Illinois has declared, among others, the following University of Illinois projects at the Chicago Circle campus and the Urbana-Champaign campus to be in the public interest :

A. Construct Education Center Building		
Chicago Circle Campus	\$6 78	81 575
B. Construct Utilities Center Addition		
Chicago Circle Campus	2 29	97 900
C Construct Music Building		
Urbana-Champaign Campus	4 38	30 000

WHEREAS said declaration also provides that the cost of any specific project could exceed the amount set forth therefor so long as the aggregate amount stated therein to be financed by the Illinois Building Authority for the University is not exceeded; and

WHEREAS the amount designated for said projects as follows :

Α.	Chicago Circle Campus			
	IBA #75-04 Construct Education Center Building	\$5	595	000
В.	Chicago Circle Campus			
	IBA #75-07 Construct Utilities Center Addition	2	145	000
C.	Urbana-Champaign Campus			
-	Urbana-Champaign Campus IBA #75-17 Construct Music Building	4	285	000
	· · · · · · · · · · · · · · · · · · ·			

will not cause said aggregate amount to be exceeded; and

WHEREAS the interim leases applicable to these projects which were heretofore executed pursuant to prior authorization were for different amounts than now being designated; and WHEREAS the Illinois Building Authority has forwarded to the University of

Illinois forms of the permanent construction leases which it requests be used for these projects and which will supersede the interim leases; and has requested that the Board of Trustees take specific action to approve the same; copies of which lease forms are presented herewith and are being filed with the Secretary of the Board for record.

Now, Therefore, Be It, and It Hereby Is, Resolved that the Comptroller and Secretary of this Board of Trustees be, and hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this corporation leases with the Illinois Building Authority in substantially the forms presented to this meeting for the following buildings and facilities.

- A. Construction of an Education Center Building at the Chicago Circle campus at a cost to the Illinois Building Authority of \$5,595,000, requiring an initial rental on or before September 1, 1969, of the sum of \$459,845, and on or before Sep-tember 1, 1970, the sum of \$459,845; and during each successive renewal term of the Lease, the annual sum of \$459,845 on or before the 1st of September of each year for 22 years with total rental payments of \$11,518,720.
- year for 22 years with total rental payments of \$11,518,720.
  B. Construction of a Utilities Center Addition, at the Chicago Circle campus at a cost to the Illinois Building Authority of \$2,145,000, requiring an initial rental on or before September 1, 1969, of the sum of \$177,190, and on or before September 1, 1970, of the sum of \$177,190 on or before the lst of September of each year for 22 years with total rental payments of \$4,416,035.
  C. Construction of Music Building, at the Urbana-Champaign campus at a cost to the Illinois Building Authority of \$4,285,000, requiring an initial rental on or before September 1, 1969, of the sum of \$354,590 and on or before September 1, 1970, the sum of \$354,590 on or before the lst of September 1, 1970, 1970, 1970, 1970, 1970, 1970, 1970, 1970, 1970, 1970, 1970, 1970, 1970,
- the annual sum of \$354,590 on or before the 1st of September of each year for 22 years with total rental payments of \$8,821,755.

On motion of Mr. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Steger.

# AMENDMENTS TO LEASES WITH THE ILLINOIS BUILDING AUTHORITY

(32) On March 19, 1969, the Board of Trustees authorized leases with the Illinois Building Authority for the Office Building at the Medical Center campus and the Foreign Languages Building at the Urbana-Champaign campus which projects the Seventy-fifth General Assembly had declared to be in the public interest. These leases provided that the obligations of the Illinois Building Authority

These leases provided that the obligations of the Illinois Building Authority were conditioned upon funds being provided to it through authorized borrowings or legislative appropriations or both. As the Authority was unable to secure such funds based upon the maximum interest rate then applicable and upon the rentals then contemplated, it has requested that the leases be amended to provide for increased rentals in order to now enable it to secure such funds through authorized borrowings for the funding of these projects.

The Authority has requested that the leases with the University for these projects be amended to provide for rental payments as follows:

		Annual Kent Due
		September 1, 1970,
	Annual Rent	and on or before
	Due April 1, 1969,	September 1 of Each
	and on or before	Year Thereafter to
Project	September 1, 1969	June 30, 1992
Office Building Medical Center	\$242 005	\$285 445
Foreign Languages Building		
Urbana-Champaign	284 440	336 290

The execution of the interim leases and payments made thereunder from appropriations made by the Seventy-fifth General Assembly were authorized by the Board on July 26, 1967. Funds for rental payments under the presently proposed leases for 1969-70 are being requested to be appropriated by the Seventy-sixth General Assembly. The leases provide for termination in the event such appropriations are not made.

The President of the University, with the concurrence of appropriate administrative officers, recommends that the Comptroller and the Secretary of the Board of Trustees be given specific authorization to execute the amendments to leases in substantially the form presented in this meeting and that the following resolution be adopted.

## Resolution Authorizing Amendments to Leases of Office Building and Foreign Languages Building from Illinois Building Authority

WHEREAS The Board of Trustees of the University of Illinois on July 26, 1967, authorized the Comptroller and Secretary of the Board to execute the necessary documents to permit the Illinois Building Authority to proceed with certain University projects which the Seventy-Fifth General Assembly of the State of Illinois had declared to be in the public interest; and

WHEREAS in accordance with the Illinois Building Authority Act the Seventy-Fifth General Assembly of the State of Illinois has declared, among others, the following University of Illinois projects at the Medical Center campus and the Urbana-Champaign campus to be in the public interest:

A. Construct Office Building	
Medical Center Campus	\$3 606 200
B. Construct Foreign Languages Building	·
Urbana-Champaign Campus	\$5 790 000

WHEREAS said declaration also provides that the cost of any specific project could exceed the amount set forth therefor so long as the aggregate amount stated therein to be financed by the Illinois Building Authority for the University is not exceeded; and

WHEREAS the amount designated for said projects as follows:

#### A. Medical Center Campus

IBA #75-11 Construct Office Building...... \$3 410 000

<sup>1</sup> Also known as Administrative Office Building.

B. Urbana-Champaign Campus

IBA #75-14 Construct Foreign Languages Building...... \$4 070 000

will not cause said aggregate amount to be exceeded; and

WHEREAS the interim leases applicable to these projects which were heretofore executed pursuant to prior authorization were for different amounts than now being designated; and

WHEREAS the Illinois Building Authority has entered into permanent construction leases with the University of Illinois dated March 1, 1969, for these projects and which superseded the interim leases; and

WHEREAS the Illinois Building Authority has forwarded to the University of Illinois forms of amendments to said construction leases dated March 1, 1969, which it requests be executed for these projects and has requested that the Board of Trustees take specific action to approve the same; copies of said amendments to leases forms are presented herewith and are being filed with the Secretary of the Board for record.

Now, Therefore, Be It, and It Hereby Is, Resolved that the Comptroller and Secretary of this Board of Trustees be, and hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this corporation amendments to construction leases with the Illinois Building Authority in substantially the forms presented to this meeting for the following buildings and facilities.

- A. Construction of an Office Building at the Medical Center campus at a cost to the Illinois Building Authority of \$3,410,000, requiring an initial rental on or before April 1, 1969, of the sum of \$242,005 and on or before September 1, 1969, the sum of \$242,005; and during each successive renewal term of the Lease, the annual sum of \$285,445 on or before the 1st of September of each year for 22 years with total rental payments of \$7,020,345.
- B. Construction of a Foreign Languages Building at the Urbana-Champaign campus at a cost to the Illinois Building Authority of \$4,070,000 requiring an initial rental on or before April 1, 1969, of the sum of \$284,440 and on or before September 1, 1969, the sum of \$284,440; and during each successive renewal term of the Lease, the annual sum of \$336,290 on or before the 1st of September of each year for 22 years with total rental payments of \$8,379,160.

On motion of Mr. Hahn, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Steger.

### PROCEDURES GOVERNING APPEARANCES BEFORE THE BOARD OF TRUSTEES

(33) President Hughes stated that in the light of informal comment from several Trustees and discussions with administrative officers, the Secretary had been asked to prepare in consultation with others a statement to provide for the orderly consideration of requests from groups and individuals to appear before the Board. Accordingly, he asked the Secretary to present and read the following statement of procedures for action by the Board.

# Procedures Governing Appearances Before the Board of Trustees

The Board of Trustees has long recognized the value of direct communication with faculty, staff, and students of the University, as well as members of the general public.

Although the normal means of Trustee communication with groups interested in the affairs of the University necessarily will be in written form,<sup>1</sup> arrangements may be made when personal presentations by groups or individuals are indicated by special circumstances.

By long custom, official appearances have been arranged for committees and other groups representative of the faculty and the staff. Similarly, faculty, staff, and student groups are invited from time to time to participate in discussions at the President's and Chancellor's Conferences held in connection with the monthly meetings of the Board of Trustees.

It is increasingly clear to the Board that demands on its calendar require a more formal procedure for the consideration of requests for personal appearances from all individuals and groups interested in the University. Accordingly, the following procedures have been established :

1. Requests should be sent to the Secretary in writing<sup>1</sup> and should set out clearly the nature of the subject-matter to be presented. Such requests will be presented to the Board at its next regular meeting, at which time the Board will act on the request. If approval for a presentation is granted, it will be scheduled for a subsequent meeting of the Board or one of its committees. The Secretary will promptly notify those who have made requests as to the Board's action upon them. Requests should reach the Secretary one week in advance of a regular meeting of the Board.

2. There may be emergency situations when it will be desirable for the Board or one of its committees to hear a presentation at the next regular meeting follow-ing receipt of a written request. In such instances, the President of the Board of Trustees is authorized to act on such requests when the emergency appears to him to justify it. Petitions for emergency presentations should be submitted to the Secretary and should be received no later than five days prior to the next regular meeting of the Board of Trustees.

The procedures described are for the information and convenience of all who may wish to appear before the Board. The Trustees reserve the right to decline or restrict appearances at any time and to establish the conditions under which presentations are made.

On motion of Mr. Grimes, the statement was approved unanimously.

# DEGREES CONFERRED

The Secretary presented for record the following lists of degrees conferred on candidates at the Chicago Circle, Medical Center, and Urbana-Champaign campuses on the dates indicated, in accordance with the authorization of the Board.

### Chicago Circle

#### Summary

Degrees Conferred September 3, 1968	
Graduate College	
Master of Arts	6 4
Master of Science	
Total, Graduate College	(10)
College of Architecture and Arts	-
Bachelor of Architecture Bachelor of Arts	7 8
Total, College of Architecture and Art	(15)
College of Business Administration	(13)
Bachelor of Science	45
College of Engineering	
Bachelor of Science	16
College of Liberal Arts and Sciences	
Bachelor of Arts	144
Bachelor of Science	35
Total, College of Liberal Arts and Sciences	<u>(179)</u>
Total, Degrees Conferred at Chicago Circle September 3, 1968	265

<sup>1</sup> Communications from the faculty, staff, and students of the University are expected to be submitted through the appropriate Chancellor and the President of the University, the pur-pose being, as suggested in the University Statutes, to insure that administrative officers "have knowledge thereof and an opportunity to comment thereon." Communications from others can be similarly processed or may be sent to the Secretary who will transmit them to the members of the Board of Trustees.

Degrees Conferred December 16, 1968	
Graduate College	10
Master of Arts Master of Science	10 7
Total, Graduate College	(17)
College of Architecture and Art	
Bachelor of Architecture	6 10
Bachelor of Arts Total, College of Architecture and Art	(16)
College of Business Administration Bachelor of Science	51
College of Education Bachelor of Arts	11
College of Engineering	
Bachelor of Science	12
College of Liberal Arts and Sciences	
Bachelor of Arts.	127 34
Bachelor of Science Total, College of Liberal Arts and Sciences	(161)
Total, Degrees Conferred at Chicago Circle December 16, 1968	268
Degrees Conferred March 24, 1969	
Graduate College Master of Arts	9
Master of Science	6
Total, Graduate College	(15)
College of Architecture and Art	5
Bachelor of Architecture Bachelor of Arts	11
Total, College of Architecture and Art	(16)
College of Business Administration Bachelor of Science	31
College of Education	
Bachelor of Arts	26
Bachelor of Science	3 (29)
College of Engineering Bachelor of Science	32
College of Liberal Arts and Sciences	52
Bachelor of Arts	146
Bachelor of Science	35
Total, College of Liberal Arts and Sciences	(181)
Total, Degrees Conferred at Chicago Circle March 24, 1969	304
Degrees Conferred June 15, 1969	
Honorary Doctor of Humane Letters	1
Graduate College	• •
Master of Arts Master of Science	14 25
Total, Graduate College	(39)
College of Architecture and Art	
Bachelor of Architecture	34
Bachelor of Arts Total, College of Architecture and Art	34 (68)
College of Business Administration	(00)
Bachelor of Science	117

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# UNIVERSITY OF ILLINOIS

College of Education Bachelor of Arts Bachelor of Science	61 29
Total, College of Education         College of Engineering         Bachelor of Science	(90) 112
College of Liberal Arts and Sciences Bachelor of Arts	550
Bachelor of Science Total, College of Liberal Arts and Sciences	164 (714)
Total, Degrees Conferred at Chicago Circle June 15, 1969	1,141
Medical Center	
Degrees Conferred August 31, 1968	
College of Nursing Bachelor of Science	12
Total, Degrees Conferred at the Medical Center August 31, 1968	12
Degrees Conferred September 7, 1968	
College of Medicine Doctor of Medicine	6
College of Pharmacy Bachelor of Science	1
Total, Degrees Conferred at the Medical Center September 7, 1968	7
Degrees Conferred September 20, 1968	
College of Dentistry Bachelor of Science Doctor of Dental Surgery	49 3
Total, Degrees Conferred at the Medical Center September 20, 1968.	52
Degrees Conferred December 14, 1968	
College of Nursing Bachelor of Science	14
Total, Degrees Conferred at the Medical Center December 14, 1968	14
Degrees Conferred March 22, 1969 College of Dentistry	
Bachelor of Science	1
College of Nursing Bachelor of Science	4
Total, Degrees Conferred at the Medical Center March 22, 1969	5
Degrees Conferred June 12, 1969	
Honorary Doctor of Science	1
Graduate College Doctor of Philosophy	34
Master of Science	36
Master of Science in Nursing	16 (87)
College of Dentistry Doctor of Dental Surgery	73
College of Medicine Doctor of Medicine	187
School of Associated Medical Sciences	-
Bachelor of Science in Medical Art Bachelor of Science in Medical Record Administration	3 14
Bachelor of Science in Medical Technology	17
Bachelor of Science in Occupational Therapy Total, School of Associated Medical Sciences	17 (51)

BOARD OF TRUSTEES

College of Nursing Bachelor of Science	61
College of Pharmacy Bachelor of Science	110
Total, Degrees Conferred at the Medical Center June 12, 1969	570
Urbana-Champaign	
Degrees Conferred June 14, 1969	
Honorary	
Doctor of Laws	1
Doctor of Science	3
Total, Honorary Degrees	(4)
Graduate College	
Doctor of Philosophy	226
Doctor of Education Doctor of Musical Arts	22
Master of Arts	3 194
Master of Science.	389
Master of Music	32
Master of Education	160
Master of Social Work Master of Fine Arts	78
Master of Fine Arts	8
Master of Television	2
Master of Architecture	9
Master of Accounting Science.	12
Master of Business Administration Master of Commerce	24
Master of Extension Education	3 4
Master of Landscape Architecture	ī
Master of Urban Planning	11
Advance Certificate	20
Certificate of Advanced Study in Librarianship	12
Total, Graduate College	(1,210)
College of Agriculture	
Bachelor of Science	259
College of Engineering	
Bachelor of Science.	338
Certificate in the Teaching of Engineering Technology	14
Total, College of Engineering	(352)
College of Liberal Arts and Sciences Bachelor of Arts	1 210
	1,218 621
Bachelor of Science Total, College of Liberal Arts and Sciences	(1.839)
	(1,007)
College of Law Juris Doctor	177
College of Education	177
Bachelor of Science	247
College of Commerce and Business Administration	247
Bachelor of Science	195
College of Communications	175
Bachelor of Science	114
College of Fine and Applied Arts	
Bachelor of Architecture	53
Bachelor of Arts	ĩ
Bachelor of Fine Arts	89
Bachelor of Landscape Architecture	16
Bachelor of Music	13
Bachelor of Science.	64
Bachelor of Urban Planning	(244)
Total, College of Fine and Applied Arts	(244)

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Bachelor of Science	72
College of Veterinary Medicine	
Bachelor of Science	62
Doctor of Veterinary Medicine Total, College of Veterinary Medicine	69 (131)
Total, Degrees Conferred at Urbana-Champaign June 14, 1969	

# CHICAGO CIRCLE

Degrees Conferred September 3, 1968

# GRADUATE COLLEGE

Degree of Master of Arts

In History

CHARLES SAMUEL COHEN, B.A., Lake Forest College, 1966 JUDITH GISSER GOLDFINE, B.A., University of Michigan, 1964

In Mathematics

DAVID MORTON ROCKE, B.A., Shimer College, 1966

In Philosophy

Nelson Joseph Calderone, B.A., City College of New York, 1967 Barbara Hauser Cameron, B.A., Wellesley College, 1967

In Enolish

CLAUDIA REYNOLDS, B.A., 1966

# Degree of Master of Science

In Mathematics

MARK PANKIN, B.A., Wayne State University, 1966 WILLIAM HOWARD PATTON, B.S., University of Chicago, 1967 JUDITH MARIE POVILUS, B.S., De Paul University, 1967 DUANE RUSSELL WALKER, B.S., TUSCULUM College, 1962

# COLLEGE OF ARCHITECTURE AND ART

# Degree of Bachelor of Architecture

In Desian

ANNE BERTHOLD, HONORS GARY BURL MUNDINGER

Alan Robert Rosen CHESTER JOSEPH YANIK

CHARLES GEORGE LABUDA

In Structures

In Humanities

ROBERT EDWARD FREEBURG

In Building Technology

QUONG ZAT LEE

Degree of Bachelor of Arts

In Design

KRISTINA DANUTE BULOTA MICHAEL ROBERT TESTA

DAVID JAMES WOHL JEROME NICHOLAS ZUREK

In Plastic and Graphic Arts THEODORE BASIL ARGEROPOLOS, High Honors CATHY JANE DALE

SUSAN JOYCE PELKIE JANET LYNN ZANCK

# COLLEGE OF BUSINESS ADMINISTRATION

# Degree of Bachelor of Science

In Accounting

JEAN ALLIS ARIANO, HONORS with High Distinction in Accounting BARBARA MARIE BUCZA AVERY DELOTT CARL MATTHEW FINK, Honors with Distinction in Accounting GRANT ROBERT GIESLER JACK EDWARD KREJCA, HONORS with Distinction in Accounting GERALD FLOYD LYDDON, HONORS with Distinction in Accounting

JOHN JAMES MARSZALEK, HONORS with High Distinction in Accounting RICHARD LEE MCMAKEN MICHAEL CHARLES PERUSCINI ROGER PAUL STEVENS JOHN ADRIAN TAYLOR MILAN KENNETH WILSON MICHAEL RICHARD WOLFE GENE WONG, Honors with Distinction in Accounting

In Economics

PAUL MICHAEL DIPEGO GARY JOEL KARSHEN DANIEL PATRICK KISSANE

JOHN FRANCIS SCHOFIELD DON JOSEPH ZORDAN, HONORS with Distinction in Economics

In Finance

DAVID BARRY BARTOLOMEL, HONORS with Distinction in Finance WILLIAM LLOYD BURKEPILE

In General Business

ANGELINE VASILAKOS

HAROLD EDWARD KAUTZ, JR. ROBERT ANDREW KERPEC DONALD EDWIN NOREN

BRUCE IRA SHACHMAN ROSEANN MARIE WALKE

RICHARD DAVID MARMOR

THOMAS JOSEPH MCCLURE

EDWARD RONALD MLECZKO

In Marketing

In Management

THERESE JOANNE BORRELLI MITCHELL ALAN GOTTLIEB, HONORS MARK JOEL HELFAND RONALD JAMES KERNKAMP THADDEUS ANDREW KOZIEN JEFFREY EDWARD KROK

GARY MICHAEL MULLOY LAWRENCE ELIAS WEIL Edward Frank Weinberg

LEONARD CAHNMANN

In Quantitative Methods LAURA LUCILLE CIUCCI, HONORS

# COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Aerospace Sciences

MICHAEL ALLAN JANAS, HODORS

In Applied Mechanics

KUROSH DILMANIAN

In Applied Physics JAMES EDWARD PACHNIK

JOHN ALBERT DUDEK

In Mechanical Analysis and Design MICHAEL STEPHEN TURBAK

HARNAM DASS CHOUDHRY WILLIAM ROBERT JOHNSON

In Metallurgy

RICHARD BASCOM CARTER

DAVID OREN STYKA

RICHARD JOHN LAUBE GEORGE FRANK WARMUTH CHERYL MARIE ZAJAC

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In Structural Design ODISHO MALIK HERMEZ KIVARKIS

Demetrios Nicholas Maras

CHEUK HON LEE

RALPH EVANS JACKSON

Edward John Doyle

In Systems Analysis

HOWARD JOHN BECKER, JR. ROGER RICHARD BONEY

In Thermal Science RONALD JOHN BYWATER, High Honors

# COLLEGE OF LIBERAL ARTS AND SCIENCES

# Degree of Bachelor of Arts

In the Administration of Criminal Justice

In Liberal Arts and Sciences ANTOINETTE BEATRICE ANTHONY Zenon John Babij GEORGE WALTER BALOCH CHARLES EDWARD BARRETT GAIL GOLDSTEIN BAXTER, HONORS in Liberal Arts and Sciences JOAN MARIE BLEDIG Sheila Renee Bloom ROBERT PERRY BROWN STEVEN GEORGE BROWN DENNIS KENNETH BYLINA NANCY LYNNE CARLETON ELIZABETH ANN CARLSON Lynn Joyce Chanan CARLEEN ANN MCPHARLIN COEN, HOnors in Liberal Arts and Sciences JOSEPH MICHAEL CONDRON GARRY COOPER CHRISTINE THERESA CZOCHARA Edith Ann Daley JOSEPH RAYMOND D'ANZA ASSIR REIS PEREIRA DASILVA, HONORS in Liberal Arts and Sciences with Distinction in Spanish MARGARET DEL GIORNO DOROTHY DAWN DUNBAR HILAIRE EDMOND DUPON DAVID CONRAD DUWE Rose Marie Economou Keith Hatheway Elliott JANICE TERESA ETTELT SUSAN JEAN FEICHT **UDITH SHIBKO FELDMAN** ANTHONY JAMES FICO EVA FIELD RAY FIELDS JANICE LYNN FINK, Honors in Liberal Arts and Sciences with Distinction in French DARLENE WEINSTEIN FINKEL DAVID NATHAN FINKEL DANIEL ALEXANDER FLORES, HONORS in Liberal Arts and Sciences KATHY ANN FREEMAN, Honors in Liberal Arts and Sciences

NOREEN LYNN FREISINGER LAUREN SETSUKO FUJITA DALIA JANINA GAIGALAS BENNY GARBAR EDWARD GENTRY III JUDITH ELAINE GOENS ELAINE LISBETH GRANGER MERRYLEE ELIZABETH GUGE RICHARD LEE HALL JOHN WILLIAM HENNESSY, Honors in Liberal Arts and Sciences with Distinction in Psychology RUTH ANN HEUSER HARRY SOL HOCHFELDER Peggie Frances Holt ELAINE WEISS HOLZMAN JEAN MARIE JACKSON NORMAN ROY JACOBSON RICHARD JOHN JAKUBOWSKI RONALD LOUIS JIROVEC GLORIA BETTY JOHN WENDY ELISABETH JOHN, Honors in Liberal Arts and Sciences CAROL RIVES JOHNSON SUSAN GETZOV KATZ KENT PAUL KEBERNIK MARY ANN KELLY PATRICK JOSEPH KELLY KATHLEEN MARIE KEMBLOWSKI, HONORS in Liberal Arts and Sciences JOYCE BARBARA KINNIBURGH, HONORS in Liberal Arts and Sciences JUDITH ANN KLAUBA Robert Casanave Knox MICHELE ROBERTA KRIEGER ADELE MAXINE LEBOW, Honors in Liberal Arts and Sciences DIANE LEFF John William Long Edward John Mack MARSHALL MAGID RICHARD PAUL MAJKA MARLENE MARGARET MILLER, HONOrs in

Liberal Arts and Sciences with Highest Distinction in English

MARY ELAINE MILLER LAUREN ELAYNE MILLS ANDREW CHAMPION MONTGOMERY MARSHA LEE NEWLIN CHARLES ARTHUR NORTH Linda Kathryn Nowotarski RICHARD EDWARD NUGENT DAVID HERBERT OLDHAM, Honors in Liberal Arts and Sciences ROBERT BRYANT OLSON CAROL ANN PAGE ASTRA LINDE PAVLOVSKIS STEPHEN RICHARD PERCIACH, Honors in Liberal Arts and Sciences with Dis-tion in Geography JOSEPH M. PERILLI, Honors in Liberal Arts and Sciences JOHN MICHAEL PERLETTE, HONORS in Liberal Arts and Sciences Cynthia Sue Potocki William Degen Reiwitch PATRICIA ANN ROCK PEGGY PHYLLIS ROSENBAUM, Honors in Liberal Arts and Sciences with Distinction in Sociology LAWRENCE FRANK ROWLEY Steven Harold Rubin BEVERLY ANN SCHAUMBURG ARTHUR EDMUND SCHLAK, JR. Andrew Leroy Scott VALERIE JANE SCHWARTZ MARK HOUSTON SENTER III

LINDA JOY SHELDON, Honors in Liberal Arts and Sciences PAULINE SLAUGHTER SHERYL LYNN SMITH, Honors in Liberal Arts and Sciences VIRGINIA MARIA SODAITIS Alan Irving Solomon PATTI FRANCINE SOSTOCK DAVID GARY SPIVEY GERALD RICHARD STAPLETON GERTRUDE JUDITH STELMASZEK BENTON CHARLES STRAUSS HELEN THERESE SULLIVAN ARPAD GREGORY SZATORI, JR. NAUREEN TAMA TASLEY NANCY THURINGER CAROLINE ELLEN TICE VINCENT TOUNO UNGER, HONORS in Liberal Arts and Sciences JOYCE ANN VERBIK FRED GEORGE VOGEL DENNIS MARK WAICOSKY CLEO PATRICIA WHITE ELEANOR MARIE WILLIS MERRILY DIANE WILLMENG, HONORS in Liberal Arts and Sciences HAMILTON DARRYL WISHNOFF GREGORY ALAN WOJCIK JULIUS JOSEPH WOLEK, JR., HONOTS in Liberal Arts and Sciences

MARY PATRICIA ZAGORSKI

In the Teaching of English

- JOSEPH SIMON BOERINGA, JR.
- Linda-Lee Marie Brechman
- MARY COLLEEN DREW
- DARLENE DIANE FERET
- SANDRA ANN GOLETZ
- LYNN KAMINSKY, Honors in Liberal Arts and Sciences
- CAROLYN ANN LUEDTKE, HONORS in Liberal Arts and Sciences with High Distinction in English
- BONNIE RUTH MICULINIC

ROSE MARIE ECONOMOU

- LOIS MILDRED OZOUF, Honors in Liberal Arts and Sciences
- GITELLE RAPOPORT, Honors in Liberal Arts and Sciences with Highest Distinction in English
- MAXINE ALEVRAS ROUSOPOULOS
- ROBERT LEONARD ROZYCKI, Honors in Liberal Arts and Sciences
- SYBIL MARTHA SOSIN, Honors in Liberal Arts and Sciences
- GERALDINE ELIZABETH WROBLEWSKI, Honors in Liberal Arts and Sciences with Distinction in English and Speech

### In the Teaching of History

JUDITH CLAIRE DENNIS, HONORS in Liberal Arts and Sciences

> In the Teaching of Political Science Sharon Ann Sraga

# Degree of Bachelor of Science

### In Chemistry

WILLIAM ELLIS DELANEY, JR. GARY MICHAEL DOSIK, Honors in Liberal Arts and Sciences

ROMAN MICHAEL HAWRYLUK

In Liberal Arts and Sciences

BEVERLY JANE BIECHNER JACOB DAVID BITRAN, Honors in Liberal Arts and Sciences with Distinction in Biological Sciences

- CHARLES RICHARD BURDSAL, JR., Hon-ors in Liberal Arts and Sciences
- JOHN HENRY CLAY
- KENNETH MICHAEL CUCULICH
- KAREN JORGENSEN DOWLING, Honors in Liberal Arts and Sciences with Distinction in Mathematics
- EMILY WEBB GOLDBERG, Honors in Liberal Arts and Sciences with Dis-tinction in Biological Science RAYMOND GEORGE HALLIDAY
- JAMES ANTHONY HERSAM
- THOMAS KENNEY HUGHES
- ANNE MARIE CATHERINE JAKES
- HARRY MICHAEL JEFKO
- CHRIS ELLYN JOHANSON
- WESLEY PHILLIP JONES, Honors in Lib-eral Arts and Sciences

- GEORGE WALTER KAMBER, HONORS in Liberal Arts and Sciences with Distinction in Physics RICHARD PAUL KILLEN
- MABEL LAI SHUN LAM
- MICHAEL EDWARD MCMAHON
- JAMES STEPHEN MOLNAR
- PHILIP ANDREW PIZZICA, HONOIS in Liberal Arts and Sciences with Distinction in Mathematics
- MARIUS KESTUTIS PRAPUOLENIS
- DAVID SHELDON SCHWARTZ, HONORS in Liberal Arts and Sciences with Distinction in Biological Sciences
- MARY KNAPP SMIRL
- JOHN EDWARD SMITH
- JOSEPH MICHAEL SMITH
- JAMES RICHARD SYMON, HONORS in Lib-
- eral Arts and Sciences
- RALPH CHARLES THORNTON JEFFREY STEWART WAITZMAN

ADRIENNE ANDRULIS

# In Physics In the Teaching of Geography

**IOSEPH NICHOLAS VITTI** 

In the Teaching of Mathematics

BARBARA CECELIA GORANSON, HONORS in WILLIAM JOSEPH LOFTUS Liberal Arts and Sciences

# Degrees Conferred December 16, 1968

# GRADUATE COLLEGE

# Degree of Master of Arts

# In English

DORIS HINDALE WELCH, B.A., Bob Jones University, 1948 ERIKA MCCARTHY, B.S., Illinois Teachers College, 1965 HILARY ELLEN LEWIS, B.A., Northwestern University, 1967

WIEBKE STAHN MOHR

# In German

#### In History

MARK WILLIAM FRIEDBERGER, B.A., Boston University, 1967 RICHARD WARD KAPP, B.A., Rutgers University, 1967 DANIEL HAROLD ROSIN, B.A., 1966

### In Mathematics

ALAN JOREGON BURGER, B.S., College of William and Mary, 1961

In Philosophy

BERNADETTE DELAMAR MCBRIEN, A.B., Manhattanville College of the Sacred Heart, 1967

SUE MARIE STAFFORD, B.A., Wheaton College, 1967

# Degree of Master of Science

In Chemistry

LISTAN LI-TIEN CHANG, B.S., National Taiwan University, 1960

In Mathematics

Erwin Stewart Janush, B.S., 1967 Ronald Joseph Surz, B.S., 1967

In Physics

JOANNE BUCK SELDEN, B.S., 1967 LAWRENCE MICHAEL KLONOWSKI, B.S., 1968 NAIM ELYASHAR, B.S., University of Tehran, 1966 CRAIG LEWIS FOSTER, B.S., 1967

# COLLEGE OF ARCHITECTURE AND ART

# Degree of Bachelor of Architecture

In Design

URIEL COHEN JOSEPH RUSSELL LEDUC STEPHEN THOMAS RYAN JAMES ROBERT WAGENER

In Structures

STEVEN THOMAS CARLINO

Robert Mauro Dicostanzo

# Degree of Bachelor of Arts

In Design

Simeon George Costea Janice Chung Flodstrom Juanita Carolyne Giles HALINA JOLANTA LOGAY PATRICIA BOOTH LYNCH, High Honors ANITA EILEEN SCHNITZER

In Plastic and Graphic Arts

TERESA ELAINE DANOS THERESE MAHONEY SALESON Davida Weinberg Schulman Patricia Diane Skora, High Honors

# COLLEGE OF BUSINESS ADMINISTRATION

# Degree of Bachelor of Science

In Accounting

Sunday Emmanuel Akinyemi	Clifton Paul O'Brien
TRENT NICK FOTOPOULOS	Robert Carl Olson
BARBARA MARY GABOREK, HONORS	Thomas Joseph Ott
FREDERICK JOHN GESIORSKI, HONORS	Melvin Čarl Rosenberg
with High Distinction in Accounting	Herman Steven Siegellak
MICHAEL ELLIOT GOLTZ	JAMES GARY THOMPSON, HONORS with
ROBERT STANLEY HOJNICKI, HONORS	Distinction in Accounting
with High Distinction in Accounting	William Henry Tyda
DONNA MARIE JANEC	John Lawrence Tyrrell
Robert Neil Klaskin	RICHARD PAUL WENTZLAFF, Honors
John George Norbut	with Distinction in Accounting
FRANK JOSEPH NOWINSKI, Honors with	-
Highest Distinction in Accounting	

In Economics

Albert Mandel Choffnes

Kenneth Carl Cwick

JAMES LOUIS DOTI, Honors with High Distinction in Economics JERRY MATHEW PARIS JOSEPH WILLIAM ROSE, Honors with Distinction in Economics

### In Finance

George B. Flanigan, Honors with Distinction in Finance David Michael Hurley John Charles Nellinger Donald Leo Peters Thomas Theodore Rowe Mark Paul Sztelle

# In Management

Cara Lynn Vivian Boettcher Paul Eric Danehl Corinne Cleban Donkers David Anthony Fries Richard Joseph Hynek Kenneth Wayne Tameling Lawrence Ben Urbanski

# 1969]

In Marketina

Donald Joseph Bobis Daniel Todd Coyne FRANCIS ANTHONY DASSO, JR. WILFRED JOHN HICKEY, HONORS with Distinction in Marketing GARRETT JAMES KROLL DAVID JOHN KRUSWICKI DENNIS JAMES LAWLOR

ROBERT ALBERT LEHMAN FRANK STEVEN LOVISA Edward Joseph Melody WILLIAM J. PIOTROWSKI DAVID ROBERT SHAPIRO, HONOI'S with Distinction in Marketing Hugh Edward Thompson, Jr.

In Quantitative Methods **JAMES STANLEY NOWIK** 

### COLLEGE OF EDUCATION

Degree of Bachelor of Arts

In Elementary Education

ANNE BOZYK, Honors BARBARA BERGER BURKHARDT HELENE SUE HARRIS **Reva** Heichman Adelaide Carlson Hubbard BARBARA JO BERRY KIESZKOWSKI CAROL VICTORIA KOSCINSKI SALLY BOURDEAU ROBERTS DARLENE KANTER ROSTOW DOROTHY LYNN SANTOS, HONORS PAMELA LYNNE SIMONS, HONORS

BRUCE JOSEPH ZABRANSKY, HODORS

VYTO PETER KAZLAUSKAS

### COLLEGE OF ENGINEERING

### Degree of Bachelor of Science

In Applied Mechanics

WILLIAM EDWARD DILLON

In Applied Physics

RONALD EDWARD CHAPPELOW

In Mechanical Analysis and Design JAMES FRANCIS ZAHNEN

GEORGE WILLIAM FOYO ROBERT FRANCIS POROD

DOUGLAS ALBERT LOCY

In Operations Research In Systems Analysis

In Metallurgy

MICHAEL EDWARD BERESKIN

NICHOLAS JERMIHOV

ERMENEGILDO DI JORIO

In Thermal Science HENRY MICHAEL DOMANUS

# COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In the Administration of Criminal Justice

MICHAEL CAVELLO, JR.

In Liberal Arts and Sciences

Alan Jack Anderson Carol Janice Anderson Syma Rose Atlas RONALD DEAN BABB EDITA GUSTY BACAL PHILLIP G. BAUGHER NENA GAINES BECKLEY WILLIAM JAMES BENNETT JOHN BENZIGER

PAUL JOHN BETTENDORF, HONORS in Liberal Arts and Sciences ELYSE JACQUELINE BLOOM, Honors in Liberal Arts and Sciences with High Distinction in English Carol Lynn Boland CORNELIA CAROLINE BROMBOZ GARY BRUCE BUSLIK CHRISTINE JULLIE CHENTES

DENNIS GEORGE DANIELS GREGORY DANIELS EDWARD ROMAN DAROSZEWSKI, HONOrs in Liberal Arts and Sciences DAVID ARLEN DUNLOP DONNA MARIE EHLERS STEN IVAR EKSTROM WILLIAM LAWRENCE ELSEY SANDRA MAE FERGUS SALLY M. FLANZER, Honors in Liberal Arts and Sciences JULIAN JOSEPH FONFERKO, HONORS in Liberal Arts and Sciences LINNEA ALEXANDRA FORSBERG, HONOTS in Liberal Arts and Sciences BARBARA JANE FRANZ, Honors in Liberal Arts and Sciences LUCILLE BUFFUM FRIED, HONORS in Liberal Arts and Sciences DIANNE GABRIEL EMMETT FRANCIS GLEESON, HONOTS in Liberal Arts and Sciences RONALD EDWARD GOTTSCHALK CORRINE PODLESAK GRICHNIK JEFFREY PAUL GRIMES KENNETH GURBER ROBYN GOULD GUTTERMAN, HONORS in Liberal Arts and Sciences JANE EDGREN GWIZDALA RICHARD MICHAEL HARRIS ALETA HENEK Theodore Hionis KENNETH EDWARD HIRDLER CHRISTINE BARBARA JANCZAK, HONOrs in Liberal Arts and Sciences DANIEL GEORGE JOHNSON RUTA MARIA JONYNAS, Honors in Liberal Arts and Sciences BARBARA MARY KEHOE Donald James Kelly JANE ANN KERR Enid Ann Kerstein KAREN ANN KOBUSCH, Honors in Liberal Arts and Sciences Karen Naomi Korman MARGARET MARY KURPIESKI RICHARD JOHN KURTH JANE LAGEN, Honors in Liberal Arts and Sciences ROBIN GAYLE ANDERSON, HONORS in Liberal Arts and Sciences SHARON RAE BENDER JOYCE HARRIET BRAND MARJORIE GREEN BURR SUSAN SAIR EISENBERG

Donna Yost Koczor

BARBARA ELLEN LASSER, Honors in Liberal Arts and Sciences CLAIRE MARCIA LEMPERT EILEEN IRIS LEVINE, Honors in Liberal Arts and Sciences DAVID MAURICE LEVY WILLIAM GARY LINDNER DONALD WALTER MADEJ JAMES BARRY MCCALL Ingrid McGovern EILEEN SHERRI MERMELSTEIN NILI OLECH MIRANDE CONSTANCE LORRAINE MOOTRY Alana Kathleen Moss, Honors in Liberal Arts and Sciences JOAN IRENE NOREK Martin Leonard Osmundsen THOMAS GEORGE PASSARELLI ROSA LEE PLEDGER JUDITH MALOFF PRICE STEVE FRED PURNELL RONALD PHILLIP QUINN BARBARA CHRISTINE RAYMAN SHIRLEY IRENE ROSS JAMES FRANCIS SAJDAK SUSAN LAWSON SALSBURG DONALD LOUIS SANTACATERINA DAVID LEE SCHEIN ROLAND PAUL SCHROEDER Howard Shapiro WILLIAM JOHN SHEEHAN DARREL WILLIAM SIMMONS JAMES RAY SMITH MARIE WESTBROOK SMITH Geraldine Lynne Stabosz DOROTHY BORUCKI STANEK LISA STEINHAUER ANTHONY AZUOIAS STELMOKAS MARTIN MICHAEL TUMAS Lynda Lorrayne Wasko Robert Henry Weimar Norman Harold Wexler NANCY VICTORIA WOJCIK HENRY BENJAMIN WOLFSON SHERWIN ZABAN Aldona Julia Zailskas AVIV ZALCBERG LOUIS ZALUTSKY JEFFREY LEE ZIEGLER

### In the Teaching of English

in JUDITH MARY LEJECK, Honors in Liberal Arts and Sciences ELIZABETH CAROL MONK NANCY MARIE ROWINSKI MAUREEN CONLEY SMIAR LORRAINE NANCY SPINELLO, HONORS in Liberal Arts and Sciences

# In the Teaching of French

ANDREW L. KONDICH, Honors in Liberal Arts and Sciences with Distinction in French DIANNE DUPRE RANGL DONNA MARIA SIMMONS 1969]

In the Teaching of History

ELLEN SILVERSTEIN DENNIS VICTOR WOZNIAK

SUSAN KAYE ZOLOTO

DOLORES GARGARO DENISE JAMES GILLESPIE FREDERICK KLAUS SHARON LYNN PRAGER JOANN MARGARET RAPP, Honors in Liberal Arts and Sciences

In the Teaching of Political Science

FRANK ANTHONY VAZZANA

In the Teaching of Sociology

SANDRA VERONICA DUNNE

In the Teaching of Spanish

PHILIP DOMINGUEZ IRENE GOMULKA, Honors in Liberal Arts and Sciences

LOUISE MARIE HAJEK, Honors in Liberal Arts and Sciences Armelinda Landeros

# Degree of Bachelor of Science

In Chemistry

DOROTHY CLOVE BARRON, HONORS in Liberal Arts and Sciences with Distinction in the Curriculum

In Liberal Arts and Sciences

JOHN LEO BANKEL Vera Bilanow JOY ANN BRACHMAN RALPH VICTOR CABIN, Honors in Liberal Arts and Sciences John Harmon Carson, Jr. JAMES BRYANT COX, Honors in Liberal Arts and Sciences RITA DOBILAITIS Helga Herta Endrukat MICHAEL EDWARD GOLDMAN HOWARD ALLAN KAHN GERRY CONRAD KOCH Barbara Jean McKenna

PERRY MANABU MIYAKE LOUIS ALBERT MUZIK, Honors in Lib-eral Arts and Sciences RICHARD RAND NEUMAN NANCY TRUDY OLSON DAVID LEE PALOCHKO HOWARD LEE PLENN JERRY SCHWARTZ Alan Donald Sheall GREGORY MICHAEL THOMAS THOMAS ALLAN WHITE THOMAS O. WINFIELD DIANNE NEUSTADTER ZUMSTEIN, HONors in Liberal Arts and Sciences

In Physics

WILLIAM PENN WOOD

In The Teaching of Biological Sciences

JOYCE LAVERNE REED

In the Teaching of Mathematics

HELENE BOYER, Honors in Liberal Arts and Sciences SHIRLEY ERISMAN MORRIS, HONORS in Liberal Arts and Sciences with Distinction in Mathematics

DAVID THEODORE OSBORN, HONORS in Liberal Arts and Sciences

ANNAMARIE PIZZELLO LORRAINE AGNES SCYGIEL PHYLLIS GAYLE SILVERMAN ROGER EDWIN YOSHINARI, Honors in Liberal Arts and Sciences

Degrees Conferred March 24, 1969

### GRADUATE COLLEGE

### Degree of Master of Arts

In English

MARGARET O'BRYAN GAUL, B.A., Evansville College, 1948 BETSY LEVIN, B.A., University of California (Berkeley), 1966 JOHN J. RONAN, JR., A.B., Loyola University, 1967

# In History

BARBARA L. FARR, B.A., Roosevelt University, 1967 CHARLES KRIESEERG, B.A., ROOSevelt University, 1965 SUSAN PAULY ROY, B.A., Duke University, 1965 SUSAN JOY SCHWARTZ, A.B., 1967

In Philosophy

NANCY D. CARTWRIGHT, B.S., University of Pittsburgh, 1965 TRACY WILLIAM CLARK, B.S., Shimer College, 1967

# Degree of Master of Science

In Chemistry

KHEBING JAO KHO, B.S., University of Santo Tomas, 1966 DENNIS HARRY PATTERSON, B.S., 1967

### In Mathematics

MOHAMMED HUSSEIN AL-ARAJ, B.S., 1967 EDWARD CHARLES MODER III, B.S., St. Procopius College, 1967

### In Physics

ROGER WILLIAM KNITTER, B.S., 1967 STANOJE SAVIC, B.S., Roosevelt University, 1962

# COLLEGE OF ARCHITECTURE AND ART

# Degree of Bachelor of Architecture

In Desian

THOMAS CHRISTOPHER CUSTER

In Structures

ROBERT BOWIE CHALMERS HENRY CHAIM JELEN

# Degree of Bachelor of Arts

#### In Design

Edward Evans Johnson Carol Elaine Kammien **JOSEPH** PAINE OHER

ANDREW LEE VITA ROBERT CARL WELIN

DOUGLAS HERBERT TWEEDIE

LEONARD RALPH WITKE, JR.

WARREN JOSEPH KLOPP LEONARD JULIAN PRETTO

In the History of Architecture and Art BRANKA VUKSHICH LARRY GRADY YANCY

In Plastic and Graphic Arts

BONNIE GAIL GOODOF, HONORS

# COLLEGE OF BUSINESS ADMINISTRATION

### Degree of Bachelor of Science

#### In Accounting

JEROME FRANCIS DELUCO KATHY ELLEN GALOWITCH Melvin Ronald Gottlieb JAY LOREN KAHN, HONORS with Distinction in Accounting

CARROLL JOHN RAMOCKI DAVID ELLIOTT ROSENBLOOM MICHAEL DENNIS TURCOTTE

AILEEN ALICE MEYERS, Honors

In Economics

MICHAEL ALLEN O'NEILL, Honors with High Distinction in Economics

In Finance

FREDERICK KALSBEEK

MARVIN PAUL COHEN

ARNOLD GERALD FRIEDMAN

ANTHONY ZBIGNIEW KONOPKA

### In Management

Kenneth Robert Allikian Larry Dean Azuse Kenneth Robert Berg Daniel Alan Bressler Anthony Donald Lewandowski John Michael Nangle Miguel Segundo Ruiz Timothy Charles Sack Robert Joseph Stan

# In Marketing

TILDEN ELROY BICHOWSKY BRIAN LEE CANN EDWARD DONALD ECHT DAVID RAYMOND JANOSZ MARTIN FREDRICK LEWALD, JR. GARY NEIL MADSEN ROBERT EARLE MELBYE, HONORS with Distinction in Marketing STUART ALLEN NUDELMAN ALLAN JOEL ROHR ROBERT HARRY WATRY

# COLLEGE OF EDUCATION

# Degree of Bachelor of Arts

In Elementary Education

LAURA STEVENS BALSON PATRICIA ANN BITOWT, HONOTS KAREN MARIE BOYSEN, HONOTS CHERYL SUE CANTOR, HONOTS SHERRY JUDITH COHEN, HONOTS LINDA MARIE KISTINGER LOIS ANN LARSON, HONOTS MARY LINDA LEONARDO SANDRA ARLENE LEVIN MARLENE JACQUALINE LIEDER SHERI LYNN MARK, HONOTS KATHLEEN ANN MILES GOLDIE TOBEY MORTKOWICZ, HONOTS RITA MARIE PEKARA MARLETTE RAE PESOCK SHARON ANN DZIEDZIC PETSCHINSKY MARYANN ROSE PHILLIPS, HONOTS JANICE JANKIS PIERHAL, HONOTS RITA MARY RAMBERT CATHERINE ANNA RILEY, HONOTS ELLEN JOAN SCHKLAIR, HONOTS SHARON ALEDA SILVER, HONOTS BARBARA SHARON SILVERBERG, HONOTS DARCIE ARLANA SMITH, HONOTS ELLEN JANIS SOKOLL, HONOTS

# Degree of Bachelor of Science

In Physical Education

CHRISTINE VICTORIA PAVELEC

SHARON KAY EDDY Richard William Fruhwirth

### COLLEGE OF ENGINEERING

# Degree of Bachelor of Science

In Aerospace Science

JACK GEORGE DEMES RICHARD NEIL ELLISON THOMAS GREGORY FUNK DENNIS RAY RUTH JEFFREY BRUCE WINKEL

In Applied Physics

RICHARD WALTER SEVCIK, Highest Honors

In Communications Engineering

CHARLES ALLEN FEUCHT, HONOTS RICHARD LEONARD GUTOSKI KEVIN JOHN O'CONNELL Mohammed Fayek Sheikh Salem Nickolas Travlos

In Mechanical Analysis and Design

John George Balafoutis Fred Elihu Brostoff Ronald Miles Johnson Peter Steven Kopala James Harry La Chapelle Graeme Eugene Lamis Anthony John Librant Kenneth Raymond Luedtke In Structural Desian

In Structural Mechanics

In Systems Analysis

EDWARD AUGUST FRANZ

Richard John Bielowicz Michael Wayne DeYong

Leslie Gene Adduci

Donald William Benziger Frank Joseph Greco Ehsan Hajjar

WILLIAM FRANK BISLEY

In Thermal Science

RONALD FRANK PATTERSON

THOMAS JOSEPH LITKA CARL ALLEN PETERSON

WAYNE ALAN STEELE

WILLIAM TAMKEVIC

### COLLEGE OF LIBERAL ARTS AND SCIENCES

# Degree of Bachelor of Arts

In The Administration of Criminal Justice

CHARLES JUAN DULAY

In Liberal Arts and Sciences

ARTHUR BAULING ADLER STANLEY JOSEPH AIELLO ERNESTINE LOU ALCOTT GEORGIA L. ATHANASULEAS BRUCE HILARY BERG KENNETH DALE BERGSCHNEIDER **JACQUELINE** BILLOW RAUL RUFINO BLANCO RONALD LEE BOWEN THERESA CATHERINE BRINKMAN MICHAEL GEORGE BURMESTER, HONORS in Liberal Arts and Sciences with Distinction in Sociology KATHLEEN CALLAHAN JOANN JENSEN CAMPBELL John Arne Carlson Edward Joseph Churney KATHLEEN DELORES COSTELLO KATHLEEN JEAN COSTELLO THOMAS EDWARD COUTRE, HONORS in Liberal Arts and Sciences ELIZABETH DACENKO LINDA GIELICZ DELORENZO SANDRA ELIZABETH DIGGS, Honors in Liberal Arts and Sciences MARY TERESE DOODY JANE SZPONER DRABIK BARRY STEVEN ERLICH WILLIAM ROGER FIELDS RICHARD BURDETTE FITZGERALD GRACE MARIA FLORCZAK Alan Douglas Follett THOMAS FRANK FOLZ ALAN RICHARD FONOROW, Honors in Liberal Arts and Sciences LILLIAN WANDA FOX MARK ALLAN FRANKS MIRGA GIRNIUS, HONORS in Liberal Arts and Sciences with Distinction in Political Science MARY ELLEN TETTELBACH GOFF

STEVEN GOLDFINE MURRAY ASHLEY GORCHOW, Honors in Liberal Arts and Sciences with High Distinction in Political Science RUTH CLAIRE GOSTOMELSKY SIDNEY MICHAEL GRAPEY John Jay Greenslade PRUDENCE FREYFOGLE GREIDER Orimar Guerra NANCY JERZ HENDERSON LAWRENCE LEON HICKS ELLEN LYNN HOFFING KAREN SUZANNE HOFFSTADTER EDWARD MICHAEL HOSKINS RICHARD VINCENT HOUGH EUGENIA MARY HUCULAK DANIEL KAHN JANET IDA KALANT Kerma Train Kamen, Honors in Liberal Arts and Sciences Stephany Kiryluk Walter Joseph Klemba CAROL ANN LESLIE CHRISTER BJORN LONNROTH MARILYN ELIZABETH LOTT JACQUELINE VIOLET LOWE WILLIAM LEONARD MARTENS MICHAEL STEPHAN MATYASEC KATHLEEN LOUISE MCENTEE JAMES IGNATIUS MCGOVERN, Honors in Liberal Arts and Sciences SUSAN IRIS MITCHELL GAYLE ELIZABETH MOMENY KATHRYN ANN MORIMITSU LINDA LUCILLE MORRELL, HONORS in Liberal Arts and Sciences Elaine Harumi Naka Ronald Joseph Nemchausky JAMES PATRICK NEWCOMB Allan Douglas Newdelman

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1969]

MARILYN PFEIFFER NOLAND DAVID SANDOR NOPARSTAK, Honors in

- Liberal Arts and Sciences
- FRANK JOSEPH NOVAK
- SANDRA ELLEN OURACH
- LIESELOTTE WAECHTER OVERDEVEST, Honors in Liberal Arts and Sciences
- STEVEN SCOTT PABALAN, Honors in Liberal Arts and Sciences
- RONALD PAUL PERLMAN
- ALFRED KARL PETKE
- GEORGE PETKOVIC
- LAWRENCE ROY PIERCE
- ANNA PIONTKOWSKI
- JACK REISS
- EDWARD JOHN RETEL, JR., Honors in Liberal Arts and Sciences
- ELEANOR REVES
- MARIA LITECKY ROBINSON, Honors in Liberal Arts and Sciences
- CURTIS ALAN ROSENBERG
- LAWRENCE ROSENBERG
- SHELDON HOWARD RUFF
- CAMILLE ADELINE SANTORE
- MERYL LYNN SAVERSLAK
- ALAN GREGORY SCHENK, HONOrs in Liberal Arts and Sciences with Distinction in Chemistry SUSAN SCHNEIDER RUTH HOLLINGER SENTER RONALD E. SHEASBY
- LUBA NICOLE SKOROCHOD
- ROSEMARIE SODERSTROM
- CAROL KURFMAN SOHN

- DOROTHY FRANCES SOLAK, HONORS in Liberal Arts and Sciences with Distinction in History
- BRUCE DONALD SPIVACK
- BARBARA PATRICIA STARY
- SUSAN THERESA STECHNIJ
- ROBIN MILTON STERN
- JERRY MARTIN SULLIVAN
- GERALD SZESKO
- JOHN ROBERT TAMBURRINO, HONORS in Liberal Arts and Sciences with Distinction in Geography
- MARY ANN WALSH RICHARD V. WANTUCHOWICZ
- DAVID CHARLES WARNER
- Susan Ellen Weiner
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- JAMES RONALD WESTON
- SUSAN LEE WHITE
- MICHAEL PETER WITTER, Honors in Liberal Arts and Sciences with Distinction in Mathematics
- Russell Steven Yale

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Alan Mayer Gold

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- ANDREW EDWARD JAGUSIAK
- MICHAEL ALAN KAYE
- and Sciences JOHN MICHAEL SANDRICK, Honors in Liberal Arts and Sciences

JACK RICHTER, Honors in Liberal Arts

Liberal Arts and Sciences

RICHARD HOWARD WILLIAMS

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- ROGER JOSEPH LISKA, Honors in Liberal Arts and Sciences with Distinction in Geography

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- NORMA RUTH COOPER, Honors in Liberal Arts and Sciences

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- ROSALYN GREENHOUSE
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GILBERT LEROY ADAMS

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- MYRA JANE STEINMAN, Honors in Liberal Arts and Sciences with Dis-tinction in Mathematics
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In the Teaching of Physics

# MEDICAL CENTER

Degrees Conferred August 31, 1968

# COLLEGE OF NURSING

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BERNADINE PATER KRUEGER MARTHA GAIL LARSON BARBARA ANN LINDSTROM, with Honors JANET LEE MCBRIDE, with Honors; B.S., The King's College, 1959 ANNE KATHERYN WATSON, with Honors

# Degrees Conferred September 7, 1968

# COLLEGE OF MEDICINE

### Degree of Doctor of Medicine

MELVIN PHILLIP BUBRICK, A.B., 1964 WILLIAM JAMES MARX, B.S., Univer-sity of Michigan, 1963 ROBERT MICHAEL NIEDER STEVEN GLEN SHELLABARGER, A.B., Bradley University, 1964

CHARLES MELVIN SUTTON, B.S., Bradley University, 1963 GARY VELICK, B.S., Roosevelt University, 1964

# COLLEGE OF PHARMACY

Degree of Bachelor of Science in Pharmacy

DAVID LAWRENCE GROSS

Degrees Conferred September 20, 1968

COLLEGE OF DENTISTRY

# Degree of Bachelor of Science in Dentistry

John Lewis Adams		JEFFREY NORTHRUP BECK
WAYNE EDWARD BARNHISEL,	A.B.,	Stephen Paul Belcher
Monmouth College, 1966		William Reif Bennett

GERALD MICHAEL BIEZE LARRY WAYNE BIGGS JOHN GEORGE CRAWFORD HENRY TODD CUBBON RICHARD ALAN GILBERT PAUL LEE GLICK DOUGLAS VAN GORIN, A.B., 1966 DANIEL WARREN GORSKI DENNIS JOSEPH GRIFFIN, A.B., Quincy College, 1965 STEVEN ALAN GRIFFIN BRUCE CURT GRONNER LARRY DONALD HALL JOHN JOSEPH HANCK, B.S., 1965 JAMES STUART HEMPHILL STEPHEN RICHARD HERTZBERG STANLEY COTT HESS, B.S., The College of Emporia, 1963 ROBERT LOUIS HOCKSTETTER EDWARD JEROME JAMES, A.B., Drake University, 1966 MARY ANN JOHNSON, A.B., St. Norbert College, 1966 Edward Kalsbeek KENNETH EDWARD KONIG, JR. DONALD GEORGE KREHL RICHARD EDWARD LEEDS MICHAEL STEWART LERMAN

DANIEL JOHN MACKEY JAMES JAY MANGLE, B.S., Iowa State University, 1966 BRUCE ALLAN MASON Stephen Andrew Miller JOHN FREEMAN O'KEEFE ALAN CARL PETERSEN, A.B., Monmouth College, 1966 DENNIS ROY PIETRINI MICHAEL ZENON PRANE RICHARD LELAND REICH, with Honors; A.B., University of Oregon, 1965 THOMAS MICHAEL SCHULEIN STUART MICHAEL SCHWARTZ, B.S., 1966 JOHN NELSON SCOTT, A.B., Southern Illinois University, 1966 BERNARD FRANCIS SLAUGHTER, A.B., Southern Illinois University, 1965 James Joseph Swiatek George Telatnyk ROBERT GEORGE THOMAS, JR. LAWRENCE NORMAN WALLACE, B.S., 1966 RUSSELL EDWARD WALTERS, JR. FREDERICK LOUIS YOUNG, A.B., Elm-hurst College, 1965 WILLIAM RICHARD ZIMMERMAN

# Degree of Doctor of Dental Surgery

PAUL ROBERT BJORK, B.S., 1966 KENNETH KASAI, B.S., 1966 PETER PAUL MENCONI, B.S., 1966

# Degrees Conferred December 14, 1968

# COLLEGE OF NURSING

### Degree of Bachelor of Science in Nursing

MARY ANN COCHRANE, with Honors Susie Savles Sterrett Connors Esther Marian Cowan Mardell Davis Marcella Ann Finnestad Mary Ann Kisiel Hill Grace Phyllis Johnson, B.S., Cedarville College, 1967

IRENE SARKANS KALNINS JACQUELYN KAY WITHOFT KING KATHLEEN ANN KELSEY KOHNKE JEANETTE ANN MACH JANET LEA OMER KAREN ANN STRINGER MARY GRETCHEN VANCURA

Degrees Conferred March 22, 1969

# COLLEGE OF DENTISTRY

### Degree of Bachelor of Science in Dentistry

Kenneth J. Versman

### COLLEGE OF NURSING

#### Degree of Bachelor of Science in Nursing

Louise Ann Markley	Susan Marie Nowak
GLORIA JEAN HAGOOD MATHEWSON	MARY LORRAINE VOGEL

# 470

# Degrees Conferred June 12, 1969

# HONORARY DEGREE

# Degree of Doctor of Science

MAYNARD K. HINE, D.D.S., M.S.

#### GRADUATE COLLEGE

### Degree of Doctor of Philosophy

In Anatomy

CARL THEODORE BRIGHTON, A.B., Valparaiso University, 1953; M.D., University of Pennsylvania, 1957

NICK STEVEN HARRIS, B.S., University of Wisconsin, 1964; M.S., 1967 GERALD DAVID MEETZ, A.B., North Central College, 1959; M.S., 1967 FREDERICK HENRY WEZEMAN, A.B., HOPE College, 1964; M.S., 1967 ABD EL-MONEIM EMAM ZAKI, B.Ch.D., Cairo University, 1955; M.S., Indiana University, 1962

#### In Biological Chemistry

CHARLES OTTO BROSTROM, B.S., Wisconsin State College, 1964 DAN CHARLES CASHMAN, A.B., Rockhurst College, 1964 GEORGE HENRY DEVRIES, B.S., Wheaton College, 1964 ROBERT BERNARD FRIEDMAN, B.Ph., Northwestern University, 1962

THOMAS GLONEK, B.S., Northern Illinois University, 1963

Versity of Heidelberg, 1960 WALTER WILLIAM WHISLER, JR., A.B., Augustana College, 1955; B.S., M.D., 1957, 1959

# In Chemistry (Pharmaceutical)

HAMED MAHMOUD EL-FATATRY, B.S., University of Alexandria, 1961

MOHAMED HASSAN SALEH MEGAHY, B.S., M.S., University of Alexandria, 1960, 1963

KENNETH MICHAEL SOLOVY, B.S., 1961

#### In Microbiology

JOHN JOSEPH ALBERS, A.B., M.S., 1965, 1967

EDNA BEN-PORATH, M.S., Hebrew University, 1959

THOMAS PATRICK CONWAY, B.S., LOYOLa University, 1963; M.S., 1966 JAMES GERARD GALLACHER, B.S., LOYOLa University, 1963; M.S., 1967 LEONARD THOMAS MOLANDER, B.S., LOYOLa University, 1962; M.S., 1964 JANICE KROZEL SCHULIEN, B.S., LOYOLa University, 1964; M.S., 1965 WILLIAM EDWARD WALKER, JR., A.B., Earlham College, 1964; M.S., 1966 WENDELL DELOS WINTERS, B.S., M.S., 1962, 1966

# In Pharmacology

Robert Paul Grelak, B.S., M.S., 1962, 1965 William S. Mann, B.S., M.S., 1961, 1966 Margaret Ann Prewitt, B.S., Ohio State University, 1960

### In Pharmacy

SURAJ PRAKASH AGARWAL, B.Pharm., University of Rajasthan, 1960; M.Pharm., Banaras Hindu University, 1962; M.S., 1965

ADNAN MOHAMMED AMIN DAKKURI, B.S., American University of Beirut, 1962; M.S., 1966

SEN-MAX, WFANG, B.S., National Taiwan University, 1959; M.S., 1965 RONALD LOUIS FOREMAN, B.S., M.S., 1960, 1964 HARUN ALI TAKRURI, B.S., American University of Beirut, 1963; M.S., 1966

### In Physiology

LINDA ELEANORE ATKINSON, B.S., Wheaton College, 1964 CAROLE DIANE DOUGHERTY, B.S., 1962

MILTON ALLEN DRAPER, A.B., Andrews University, 1961

# Degree of Master of Science

In Anatomy

HOLLISTON LEE BROWN, A.B., Augustana College, 1966

CHALINE BARBARA COLLINS, A.B., Nasson College, 1966 PER FREITAG, B.S., 1966

WILLIAM RICHARD GREENFIELD, A.B., 1965

DENNIS KIYOSHI INOUYE, A.B., Carleton College, 1966 THOMAS CHRISTIAN LAKARS, B.S., D.D.S., 1965, 1967

NORMAN PAUL MEYN, A.B., Albion College, 1965

In Biological Chemistry

CARL EUGENE EYBEL, B.S., 1965

In Histology (Dental)

ELIZABETH GAY BENDEICH, B.D.S., M.D.S., The University of Sydney, 1961, 1968

In Microbiology

JANE TERI CASELEY, A.B., Indiana University, 1966 HENRY JOSEPH DOLD, M.D., Loyola University, 1960 NOEMI LOPEZ KELDAHL, B.S., 1966 (In Absentia) LYNNE PHYLISS RUTZKY, B.S., University of Wisconsin, 1964 DAVID MASAO TSURUMOTO, B.S., 1966

### In Oral Pathology

Abdel Mottaleb Hassanin Mohamed, B.Ch.D., D.O.S., Cairo University, 1961, 1965

In Oral Surgery

MURRAY EDMUND MICKLEBOROUGH, D.D.S., University of Alberta, 1966 JENS KOLSEN PETERSEN, D.D.S., The Royal Dental College, 1964

### In Orthodontics

HIDEO MITANI, D.D.S., Osaka Dental College, 1964 RICHARD EDSEL OAKES, D.D.S., West Virginia University, 1963 DOUGLAS EDWARD TOLL, A.B., Ripon College, 1960; D.D.S., Northwestern University, 1954

# In Pathology

DOUGLAS PIERCE RHONE, B.S., St. Procopius College, 1965 HILARY ZARNOW

# In Pedodontics

RICHARD FOSTER MCBRIDE, B.S., D.D.S., 1965, 1967 DALE CHARLES NICKELSEN, B.S., D.D.S., 1960, 1962

HOWARD WILLIAM REDMANN, A.B., DePauw University, 1943; B.S., D.D.S., 1948, 1950

# In Pharmacology

RICHARD MARTIN BASS, B.S., Loyola University, 1964; M.D., 1968 JAMES ALBERT YOUNG, B.S., Butler University, 1965

# In Pharmacy

ABDOLREZA KASRA AMIRJAHED, B.S., American University of Beirut, 1965 DELPHINE LUPINSKI KNOP, B.S., 1963 MARSHA BEDFORD MRTEK, B.S., 1966 George Corwin Wood, B.S., 1965

# In Physiology

THOMAS EDWARD PARRY, B.S., D.D.S., 1966, 1968

# In Psychology (Medical)

DANIEL LOUIS LEVIN, A.B., 1965

# In Surgery

JAMES LLOYD HOEHN, B.S., University of Wisconsin, 1963; M.D., 1966 JAFAR SHAH-MIRANY, M.D., University of Esfahan (Iran), 1959 Philip Twiss Siegert, B.S., M.D., 1962, 1966

### Degree of Master of Science in Nursing

JOY LYNNE GREENBERG BROWN, B.S., 1965 SUSAN HOEGER CRANE, B.S., Michigan State University, 1960 SHIRLEY JEAN FARRAH, B.S., University of Missouri, 1966 SISTER PATRICIA FERRELL, B.S., Catherine Spalding College, 1965 LYNN HODGES, B.S., University of Florida, 1965 THELMA MAE HOSTETTER, B.S., University of California, 1957 MURIEL MARGARET KAUFMAN, B.S., Loyola University, 1957 MARY MILDRED KELLY, B.S., University of Colorado, 1965 PRISCILLA MACKENZIE KLINE, B.S., 1965 MARY LOUISE LAUTERBACH NOLAN, A.B., St. Xavier College, 1952 MARY LYNNE PARSONS PERSCHKE, B.S., 1966 ROSEMARY FRANCES PROW, B.S., Loyola University, 1964 MARVEL JEAN RILEY, B.S., B.S.N., Ohio State University, 1961, 1964 ROBERTA ANN SMITH, B.S., Illinois Wesleyan University, 1966 DANIEL WILLIAM TETTING, B.S., DePaul University, 1967 JOAN ESTHER ZETTERLUND, B.S., Wheaton College, 1960

# COLLEGE OF DENTISTRY

#### Degree of Doctor of Dental Surgery

- ROBERT ALAN ABELSON, B.S., 1967 THOMAS CARL ABRAHAMSEN, B.S., 1967
- ROGER EARL ALLEN, B.S., 1967
- MARC WILLIAM ANDERSON, A.B., Augustana College, 1965; B.S., 1967
- WILLIAM FREDERICK BECK, B.S., 1967
- PAUL MICHAEL BLIDY, B.S., 1967
- FEREYDOON BOLURCHIAN, D.D.S., The University of Tehran, 1954
- ROGER LEE BUMGARNER
- JOSEPH EUGENE CANZONA, B.S., 1965, 1967
- CURTIS EUGENE CARLSON, A.B., Augus-tana College, 1965; B.S., 1967 DONALD BRUCE CHINLUND, B.S., 1967

- MICHAEL PAUL COLLINS, B.S., 1967 ROBERT PETER COOPMANS, JR., B.S., Upper Iowa University, 1964
- RICHARD CLIDE COURSON
- DANIEL LENZ DOTY
- ROBERT ROE FARRINGTON
- WARREN SHERMAN FATLAND
- FREDERICK MICHAEL FITZPATRICK, B.S., 1967

- DANIEL WARREN GORSKI, B.S., 1968 Sheldon Allan Grabiner, B.S., 1967 Richard Francis Graham, B.S., 1965,
- 1967
- DANIEL ARTHUR GREENBERG, B.S., University of Wisconsin, 1965
- RICHARD ROBIN GRECORY, A.B., Univer-sity of Hawaii, 1965; B.S., 1967
- RICHARD ALVIN GUTHRIE
- ROBERT WILLIAM HARPER
- THOMAS WALTER HEBDA
- BRUCE ALAN HILLEMEYER, B.S., 1967;
- A.B., University of Iowa, 1968 BRUCE EVERETT HOCHSTADTER, B.S.,
- 1967 WILLIAM EDWARD HOWELL II, B.S.,
- 1967

- PHILIP LEE IRVING, B.S., Bradley University, 1965
- STEPHEN ARTHUR KAAD, B.S., 1967
- HARVEY JUSTIN KAHNA, M.B., Univer-sity of Michigan, 1965; B.S., 1967 AUGUST JOSEPH, KALETA, B.S., 1967
- Stuart Ålan Klein
- LARRY DEAN KOSTEN, B.S., 1967
   GARY ALAN LEAGUE, A.B., Miami University, 1965; B.S., 1967
   JEFFREY BATTON LEBEN, A.B., Illinois
- Wesleyan University, 1965; B.S., 1967
- MICHAEL EDWARD LESSIN, B.S., 1967
- PAUL ERIC LITVIN, B.S., 1967
- RICHARD ALAN LUNDQUIST, B.S., Northwestern University, 1961
- THOMAS RICHARD MATTESON, B.S., 1967 RICHARD HUGH MCKONE, B.S., 1967 RICHARD KARL MERRY, B.S., 1967

- Edward Mark Miller, B.S., 1967
- Robert James Nacin

- John Thomas Polacek, B.S., 1966 Michael Joseph Porter, B.S., 1967 Steven Richard Randell, B.S., 1967 GARY JOSEPH RIEGEL
- STUART SOLOMON SANDERS, A.B., Northwestern University, 1964; B.S., 1966 GARY KARL SAWYERS, B.S., 1967 JOHN KENDRICK SCHMIDT, B.S., 1967
- FRED WALTER SCHOMBURG, with Honors JERALD MICHAL SCHWAB, B.S., 1966, 1967
- STEVEN MICHAEL SHIPKA, B.S., 1967
- RICHARD STANLEY SMIEJEK, B.S., 1967
- OLIVER DAVID SMITH, with Honors; A.B., Monmouth College, 1962; A.B., M. P.S., 1967 B.S.,
- ROBERT THOMAS STANLEY, B.S., 1967 WILLIAM RAY THOMPSON, B.S., 1966
- ANDREW PATRICK TRAPANI

- RONALD EDWARD TRAPP, B.S., North Central College, 1965
- DANIEL NATHAN ÜDITSKY William Karl Vander Waal, with Honors
- GERALD THOMAS VISCONTI
- JAMES HENRY VOHS, B.S., University of Detroit, 1965; B.S., 1967
- LIONEL AUBREY WAISMAN, B.S., ROOSEvelt University, 1964; B.S., 1966
- JOSEPH RICHARD WELLS, B.S., 1967 PHILIP VERN WHEELER, B.S., 1967 RANDY MILES WIDEN, B.S., University of Wisconsin, 1965; B.S., 1967

PETER CARL WASILKOFF, B.S., 1967

- MICHAEL BARNES WILLENBORG, B.S., 1967
- JEROME WITKIEWICZ, B.S., Stanley 1967
- MICHAEL BARRY WOLF, B.S., 1967

# COLLEGE OF MEDICINE

#### Degree of Doctor of Medicine

- JAMES LEON ADAMS

- ROBERT LEE ALEXANDER, B.S., 1966 RONALD HARVEY ALPERT, B.S., 1965 STEPHEN RICHARD ANDRESEN, A.B., Wabash College, 1965 RICHARD ARAZI, B.S., Illinois Institute
- of Technology, 1966
- ROBERT MASON ARENSMAN, B.S., Trinity College, 1965
- WILLIAM JOSEPH ARNOLD, with Honors; A.B., 1966 PHILIP HENRY BAER, A.B., Oberlin Col-
- lege, 1962
- JACQUELYN LEE BAMMAN, with Honors; B.S., University of Toledo, 1958 KEENAN FRANK BARBER, A.B., 1966 DAVID LEONARD BECKER, B.S., 1965 DONALD EDWARD BEDFORD, B.S., 1965

- JERRY DONALD BENITONE, A.B., Van-derbilt University, 1965
- HOWARD GERALD BERGER
- DANIEL SAMUEL BERLINER
- DAVID ALBERT BERNHARDT, A.B., Ohio
- University, 1965 LAWRENCE ROY BIGONGIARI JOSEPH LOUIS BIZEK, with High Hon-ors; B.S., 1966
- PHILIP CHARLES BODENSTAB, JR., B.S., Elmhurst College, 1965
- DAVID WILLIAM BURKLAND, B.S., 1965 JOEL MICHAEL BUSSE, B.S., Bradley University, 1966 JOHN FREDERIC BUTZER, A.B., 1965
- MITCHEL PAUL BYRNE
- DANIEL MONROE CLARK III, B.S., 1965
- KENNETH HALL CLARK, A.B., Beloit College, 1965
- STEPHEN GEORGE COOK, with High Honors; B.S., 1964
- GARY HARRY COOPER, with Honors
- Stuart Melton Cooper
- LEWIS RUSSELL COULSON, A.B., Bradley University, 1965
- MICHAEL ALAN CREMER, A.B., South-ern Illinois University, 1965 RAOUL JEFFREY DAVION, B.S., 1965 JOHN KERSEY DAWDY, A.B., Greenville
- College, 1965

- RONALD JULIAN DECLOUX, B.S., Michigan State University, 1964 STEVEN MARTIN DOSICK, B.S., 1965 WILLIAM MICHAEL DRALLE, B.S.,
- Roosevelt University, 1965
- HOWARD NILES DUBNER
- Melvin Eugene Ehrhardt, B.S., M.S., 1964, 1968
- THELMA MATHIS EVANS, B.S., 1967 CARL EUGENE EYBEL, B.S., 1965
- MICHAEL GENE FEINZIMER
- RAYMOND JOHN FENCL, A.B., 1964
- BOBBY GENE FIELD
- FITZGERALD, DWIGHT MELVIN A.B., Southern Illinois University, 1965
- George Edward Fleming, Jr.
- TERRY WAYNE FONVILLE, A.B., Colorado College, 1965
- THEODORE WILLIAM FRANK, B.S., 1965
- ROBERT DAVID FRICKE
- PETER OTTO FRIED
- RICHARD LEE FROEB, B.S., University of Wisconsin, 1965
- THOMAS MICHAEL FROST, with High Honors; B.S.; 1966 KATHLEEN NANCY GEORGE
- RONALD JAN GOLBUS, B.S., 1965
- RICHARD MELVIN GOLDBERG, A.B., Washington University, 1964
- JAMES ANDREW GOODWIN, A.B., Northwestern University, 1964 JAMES DAVID GORDON, B.S., Roosevelt
- University, 1965
- GARY JORDAN GRAD, A.B., 1965
- RONALD JAMES GRASON, B.S., LOYOla University, 196 University, 1967 1960; J.D., DePaul
- WILLIAM RICHARD GREENFIELD, A.B., 1965
- JAMES ALFRED GREER, JR., A.B., De-Pauw University, 1965

HARVEY DAVID GREIDER III, B.S., 1965 John Maurice Grzybowski

- RUTH KARLIN GUTH, B.S., 1965
- JEROME ALEXANDER HANOWSKY, A.B., 1965
- JACK DAVID HANSEN, B.S., University of Wisconsin, 1965

- ALAN AARON HARRIS, with Honors
- RONALD RICHARD HARRIS, A.B., Northwestern University, 1965
- NATHAN JOSHUA HARRISON
- STEPHEN MARVIN HARRISON, B.S., 1959; M.S., University of California, 1964
- BON BOUTON HARTLINE, B.S., 1966
- Alan Irwin Hartstein
- DUANE LEROY HASKELL, A.B., South-ern Illinois University, 1965 THOMAS JAMES HAWKINS, A.B., Uni-versity of Notre Dame, 1965 BRUCE PARK HECTOR
- LAWRENCE MARSHALL HIGHMAN
- ALAN DAVID HOFFMAN, A.B., 1966
- RICHARD JOSEPH HOLECEK, B.S., 1965
- LAWRENCE HOLLANDER
- ROBERT LOUIS HOLSTEIN
- HART JACOBSEN, with Honors ROGER KERMIT JOHNSON, A.B., Augustana College, 1964
- HERBERT IRA KADISON
- PATRICK WALTER KAMM
- BARBARA ACKER KAMMER, A.B., 1965
- JAMES FRANCIS KAMMER, A.B., North-western University, 1965 Charles Demosthenes Kanakis, Jr.
- JOSEPH PETER KARCAVICH, B.S., 1966
- IRWIN JAY KASH, B.S., 1965
- WILLIAM HARVEY KIDD, B.S., 1965
- BRADFORD WAKEFIELD KINCHELOE
- ROBERT WILLIAM KIRBY, with High Honors; B.S., 1966 MARY LIDIA KLODNYCKY, A.B., Rosary
- College, 1965
- STEVEN PAUL KOENIG
- BERTRAM KRAFT, A.B., Coe College, 1965
- STUART BERYL KRAMER
- RONALD FORREST KRASNER
- GERALD DAVID KRUGLIK, A.B., Columbia University, 1965
- DAVID JOEL KURTI, A.B., 1966 ROBERT MATTHEW LARSON, A.B., Hanover College, 1965
- NOEL ARTHUR LEE, B.S., Loras College, 1965
- NORMAN IRWIN LEVENSON
- DANIEL LOUIS LEVIN, A.B., 1965
- ROBERT HERMAN LIBMAN
- WILLIAM HARRY LOWELL, B.S., College of St. Thomas, 1965
- LINDA LUSTER, B.S., Roosevelt University, 1965
- Carlyn JUNE MALIK, B.S., 1965
- EDWARD PHILIP MANN, A.B., DePauw University, 1965
- Joel Uri Mann, B.S., 1964
- FRANCES JOAN MASSER, B.S., A.M., 1962, 1963

- MARY HOYT MAY, B.S., Purdue University, 1966
- LAWRENCE MALCOLM MAYER, B.S., North Park College, 1963; M.S., University of Miami, 1965
- BARRY ALAN MELLOW, A.B., 1965
- JEFFREY DAVID MICHAELSON
- ROBERT LEE MILLER, B.S., Drake University, 1965
- HECTOR JAVIER MIRANDE, B.S., 1965 DANIEL SHEAHAN MITCHELL
- JEANNE HARRIS MITCHELL, A.B., Northwestern University, 1965
- DAVID MITTELMAN
- Gerald Chester Moczynski, B.S., 1965
- ROBERT MICHAEL MORSE
- HAROLD WILLIAM MOSS, B.S., 1964 DAVID DREW NEER, B.S., 1964
- DAVID DELBERT NEWTON
- ROBERT JAMES NUDERA, B.S., D.D.S., 1963, 1965
- JAMES KIRK PEDERSEN, JR., B.S., 1964
- VINCENT JAMES PELLETIERE, A.B., Uni-
- versity of Chicago, 1965 Jon Jay Peterson, A.B., St. Ambrose College, 1965
- JAY WESLEY PETTEGREW
- William Francis Pettit, Jr., A.B., Creighton University, 1965
- Edward Joseph Pienkos
- THEODORE MICHAEL PINKERT
- CHARLES GLEN POGUE, A.B., Monmouth College, 1961; M.S., University of Missouri, 1963
- RANDY ARMAND PONCHER, A.B., 1965
- DWIGHT ALDEN POWELL, B.S., 1966
- ROBERT EDWIN RAFFEL
- THOMAS JAMES RAIH, B.S., St. Thomas
- College, 1965 TIMOTHY JOHN REICHERT, B.S., St. John's University, 1966; B.S., Uni-versity of North Dakota, 1967
- Sheldon Řeiss

- STEPHEN ARTHUR REITER, B.S., 1965 STEPHEN LEE REITMAN, B.S., 1966 DOUGLAS PIERCE RHONE, B.S., S Douglas Pierce Rhone, Procopius College, 1965 St.
- JEFFREY PHILLIP ROGERS, A.B., 1965
- WILLIAM ROBERT ROGGENKAMP, B.S., 1965
- TIMOTHY OWEN ROWE, B.S., University of Miami, 1966
- BARRY RICHARD RUDIN, A.B., Cornell University, 1965
- RAYMOND PAUL SAKOVER
- DONALD JAY SALBERG, B.S., 1966
- RICHARD JON SANDELL, A.B., North Central College, 1965
- JOEL RODNEY SAPER, B.S., University of Wisconsin, 1965
- JAMES GORDON SCHROEDER, B.S., 1965

- DALE NORMAN SCHUMACHER, B.S., University of Arizona, 1964

- GEORGE ARTHUR SCHUSTER ROBERT JOSEPH SCHUSTER, JR. PETER MCINTOSH SCHWAB, A.B., Miami University, 1965
- ROBERT MICHAEL SEPTON, B.S., 1966
- MARTIN CHARLES SHAFFER, A.B., Au-
- gustana College, 1963 PHILIP SHAPIRO, A.B., University of Michigan, 1965
- ROBERT ARTHUR SHIVELY, B.S., 1965
- GAIL SORKIN SHORR
- RICHARD ALLEN SIEGEL
- ROBERT JOEL SIEGEL
- GEOFFREY STUART SIMMONS, B.S., 1965

- NICHOLAS MICHAEL SLIMACK, B.S., Lewis College, 1965 BARRY SLOTKY, A.B., University of Michigan, 1963
- ROBERT IRWIN SLOTT

- ALLEN ORLIN SMITH, B.S., 1965 EDWARD ANTHONY SMITH, B.S., 1966 STEPHEN HIRSCH SOBOROFF, B.S., University of Michigan, 1965
- RICHARD ALAN SODETZ, A.B., Knox College, 1965

- BRUCE ERIC STEVENSON, A.B., Augustana College, 1965
- GARY ROY STROKOSCH, A.B., Westmont College, 1965
- JEFFREY MITCHELL TILKIN
- RONALD ROSS TURNER, A.B., Syracuse University, 1964
- KATHLEEN BELL UNGER
- RICHARD MICHAEL VAZQUEZ
- BARRY HUGH WEBER, B.S., University of Michigan, 1965
- WILLIAM JERROLD WEINER, B.S., 1966
- COREY WILLIAM WEINSTEIN
- FRANKLIN TOD WELCH, B.S., 1965
- JAMES WILLIAM WENGERT, B.S., 1965 Gerald Bruce Whitman Donald Roger Willers, Jr.

- CHARLES STOTT WILSON
- MARGARET MCELWAIN WILSON, A.B., Park College, 1965
- JERRY SAUL WOLINSKY
- KEITH LEE WRIGHT, B.S., 1965
- HILARY ZARNOW
- ROBERT HARRY ZWICK, A.B., 1964

# SCHOOL OF ASSOCIATED MEDICAL SCIENCES

### Degree of Bachelor of Science in Medical Art

NANCY SUE BLATTI GAIL SUSAN CHESSICK CAROL WALSH PETERSON

SHIRLEY SARFF ZAMBON

# Degree of Bachelor of Science in Medical Record Administration

BARBARA ANN BERG KARON LYNNE BIRELINE, with High Honors JUDY ANN BURGH MARY LEONE CIUKOWSKI VIRGINIA RAE CLASSEN DIANE AGNES DUS PAMELA JO HERRON

# CHERYL BREWSTER KRATSCH Elena Siguta Pedela Lynn Frances Ritchie LYNNE KAY SHAFFER ANITA LOUISE STOFFERS, with Honors PATRICIA ANN USTIAN

### Degree of Bachelor of Science in Medical Technology

MARILYN JOYCE ANDERMANN NITOLE MARY BERNATAVICIUS RUTH ANNE CHALUPNY Lynne Elizabeth Evans MARY GERTRUDE FLANIGAN JULIA THOMPSON HAN ELIZABETH ANN HOFFMAN, with Honors SHARON LEE HULTEN CHARLOTTE HIROKO KANESHIRO

JANICE MARTHA NETEMEYER Donna Kay Reed LINDA NELSON SANDQUIST Bess Diane Schoeneman EUGENIA MAGDELENA SCOR MARY PATRICIA WALGRAVE BARBARA SUE WEINSTEIN ANNETTE KAY WILLIAMS

# Degree of Bachelor of Science in Occupational Therapy

SUE KATHERINE ALLEN, with High Honors Donalda Mildred Ellek MICHELLE CANIFF EVANS KAREN NIELSEN GABLESON CORINNE MARION GHERRA

CYNTHIA BROWN HUGHES DENISE DAVLANTES JOHNSON, with Honors DONNA KINUYE KOYANAGI, with Honors JOYCE BARBARA LANE

Mary Elizabeth Lowther Jennifer Lynn Meyer Janet Wong Moy Sonja Lindberg Parr Susan Stelter Parthen Michal Wynn Cunningham Ragel Donna Goldstein Rappin Gary Arthur Wade

### COLLEGE OF NURSING

### Degree of Bachelor of Science in Nursing

LINDA JEAN BAKER MARY ANN JOHNS BARTELS BEVERLY JANE BERNSTEIN MARGO JOYCE BLIDNER FRANCES SUSAN BOWEN LOIS LYNN BUSE PATRICIA ANN CALLEIA SHERRY DEE CLANNEY PAULA COOPER VIRGINIA GARSIDE DAVIS Ellen Margaret Peters Dreyer ARDYS MCNAUGHTON DUNN, with Honors DAWN LOUISE EARLL JANICE RUTH BOSTROM FERRELL Linda Louise Gehrt VIVIAN LOUISE GREENWALD RENATE ANYSAS GUDAT JILL MARY HAMMOND Arlynn Marie Hem Meredith Jo Jackobs HALINA CHRISTINE JANUS ALICE ELEANOR JOHNSON KATHLEEN LOUISE JURACO ANNAMARY NELSON JUREZIZ, A.B., University of Kansas, 1965 PATRICIA ANN JUSTICE JOYCE ELAINE KAAP JOYCE KAY KEITHLEY Mary Elizabeth Kuska MARY ELIZABETH RAY LEBBIN FAITH LYNN PRICE LEVIN

MARGARET AMALIE GOERS LUNDE Andrea Merle Mittelman Susan Lee Neidenbach Rosalyn Linda Netzky CONNIE JO OSBOURNE PETER JAN PAGE, A.B., Carleton College, 1953 VADA ANN PETERSON CAROLYN ALICE PIATEK Edith Mae Nakamura Pignotti CHRISTINE MARY POTACZEK RUTH LYNN RICHARDSON LOUISE MARGARET RYSSMANN JAYDENE SCHINDLER PATRICIA ANN SCHUPBACH CHARLYN IRIS SHACHTMAN MARGARET JUDY SIMMONS ELIZABETH JEAN SNODGRASS PHYLLIS KAY SCHOETTLE SPENCER CYNTHIA MARIE STANKE KATHRYN ANN STOLTENBERG VALINDA LU STURGIS NANCEYLON FAITH SWANQUIST Edith Tankson BARBARA ANN TEREBA, with Honors GAIL MARGARET MOLNAR TORRES JANET LEE TUINENGA LYNDA KAYE WALTON, with Honors Theresa Joan Watson Nancy Woody CYNTHIA DOROTHY WRIGHT JANIS LYNN ZOLTAN

# COLLEGE OF PHARMACY

### Degree of Bachelor of Science in Pharmacy

ROBERT GEORGE ANDERSON JOHN EARL ARCHER DONALD ROBERT BAUER TERRIL BRUCE BEALMER RICHARD JOHN BERNES BERNARD ALEX BONKALSKI STEPHEN RICHARD BONOMO JOHN FRANKLIN BURCHAM, JR. RICHARD PAUL CAMPBELL DAVID CHUMING CHUN Norman Howard Crasko JAMES AUGUST DANCZYK George Gust Demos JAMES MICHAEL DENEEN BARRY DALE DERMAN Sih-Ming Djou WILLIAM NORMAN DRAWER NAE JIUUN DUN PATRICIA SUE CROSS EAGAN

ROGER EDWARD EAGAN SCHARON ALBERT EDWARDS ROBERT JOHN EGGERS James Alan Elsner William Gard Evans SCOTT FANCIULLO THEODORE REED FINEFIELD LARRY MONROE FITZGERALD LOUIS CARL FONTANA SUSAN JEANNE FOXWORTHY Elliott Aren Freeman Thomas Joseph George CAROL ANN GIANCOLA THEODORE RICHARD GOLDSBERRY HENRY LOUIS GREIFENSTEIN CHESTER ARTHUR GRIFFITH NINA SUE GRUBAUGH BRUCE JEROME HAMBURGER LINDA SUE HEAD

[June 18

MICHAEL DAVID HEGER ARLENE THERESA HENOWICH GARRY JAMES HINKLE MURRAY STEPHEN JACOBSON ROBERT LEWIS JEWELL GAIL ELLEN JOHNSON, with Honors RICHARD IVER JOHNSON BIRUTE EVE JUOZENAS Robert John Kizior George Walter Klosowski EUGENE CLARENCE KOELLER MARTIN FELIX KOPACH JEROME RICHARD KUFFEL KWITOSLAWA ANNA KULCZYCKY FRANK SIU NIN KWONG REINHOLD PETER LANG Gerald Albert Lavengood BRUCE MALCOLM LENSKI, with Honors Alan Stanley Leonauskas HOWARD PHILLIP LEVY JAMES ROBERT LUBINSKI PATRICK JOSEPH LUCHSINGER GREGORY ARTHUR MAGGINI KENNETH ANTHONY MAKRIS SARA EMMA McCormack STEVEN WALTER MENDELEWSKI DALE ROBERT METCALFE DEAN EDMUND METCALFE NANCY JEAN MIZGATA, with Honors RICHARD DEAN MORRISON WILLIAM JOSEPH MUHR JAMES RICHARD MUNGER CAROL ANN MUREN, with Honors LEWIS JOEL MYLES MICHAEL GARY NELSON PHILLIP LARRY NELSON JAMES THOMAS O'DONNELL

JAMES LEE ORTMAN JAMES VINCENT PAVLACIC Jon Wayne Pearion KENNETH JOHN PETRUCCI Robert Frank Pizek SAMUEL GEORGE PLESHAR Albert Dennis Pomykala WILLIAM CARL PORTER William Allan Poska ABDUL QAIYUM ANTHONY JOHN RACKI Ronald Joseph Reiter NICHOLAS BENJAMIN RIZZO **JOSEPH ROGOWIN** Terrence Francis Rogus MICHAEL ALAN RONGE MELVIN KARL ROSEMAN JAMES MARSHALL ROSENZWEIG Edward Saksenhaus KENNETH LEE SALBERG MICHAEL IRVING SCHAFFER WADE EDWARD SCHUTZE STEVEN LESLIE SCHWARTZ CYNTHIA ANN REILLY SHAPIRO, with Honors RONALD LESTER SHEAR Melvin B. Siegel LEONARD JACK SODERGREN AARON STAL LAWRENCE MICHAEL TRIPPIEDI TERRY WAYNE TRUDEAU CHESTER MITCHELL TYLKOWSKI, with Honors CLARENCE DENNIS WALSH JAMES CHARLES WICKLUND William Wells Wood BURTON JOEL ZIS

### URBANA-CHAMPAIGN

Degrees Conferred June 14, 1969

# HONORARY DEGREES

# Degree of Doctor of Laws

James Tobin

Degree of Doctor of Science

WILLIAM LITTELL EVERITT FRANCIS WHEELER LOOMIS JAY LAURENCE LUSH

### GRADUATE COLLEGE

### Degree of Doctor of Philosophy

In Accountancy

 PAUL MICHAEL DAVIS, B.B.A., University of Cincinnati, 1962; A.M., University of Florida, 1964
 JOSEPH DAVID DERMER, B.Eng., McGill University, 1964; M.B.A., University of

Toronto, 1967 Trucke Drawing Wurze P.S. M.A.S. 1063 1064

THOMAS DENNIS WHITE, B.S., M.A.S., 1963, 1964

# In Aeronautical and Astronautical Engineering

ANDREW JACKSON CROOKER, B.S., University of New Hampshire, 1963; M.S., 1965 ROGER WAYNE GALLINGTON, B.S., M.S., 1960, 1961

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### KENNETH RAYMOND ROTH, B.S., M.S., 1964, 1966 HAROLD JOHN SCHMIDT, B.S., M.S., 1961, 1964

### In Agricultural Economics

DAVID BURTON ARNOLD, B.S., M.S., University of Wisconsin, 1964, 1966 THOMAS MACK BELL, B.S., M.S., Mississippi State University, 1966, 1967 JAMES LESLIE ESMAY, B.S., M.S., Montana State College, 1951, 1958 JOSE CARLOS KOHOUT, Agron., University of Buenos Aires, 1958; M.S., 1962 ALAN ROBERT THODEY, B.Ec. (Hons.), Tasmania University, 1963 RONALD EUGENE TONGATE, B.S., Southern Illinois University, 1963; M.S., 1966

#### In Agronomy

CARROL GENE CHAMBLISS, B.S.A., M.S., University of Arkansas, 1964, 1966 GARY WINSTON COLLIVER, B.S., M.S., University of Missouri, 1964, 1966 SHARADCHANDRA BALWANT DESHPANDE, B.S., Nagpur University (India), 1956; Assoc., Indian Agricultural Research Institute (New Delhi), 1958

ALAN GERALD DEXTER, B.S.Agr., M.S., University of Nebraska, 1963, 1966 DENNIS BRUCE EGLI, B.S., Pennsylvania State University, 1965; M.S., 1967 KUAN MENG GOH, B.Agr.Sc., M.Agr.Sc., University of New Zealand, 1961, 1962 DONALD CHARLES RELCOSKY, B.Sc., M.Sc., Ohio State University, 1963, 1965 LAXMAN SINGH, B.Sc., M.Sc., Agra University (India), 1954, 1956; M.S., 1959

In Animal Science

DONALD CLARENCE MAHAN, B.S.Agr., M.S., Purdue University, 1960, 1965

#### In Anthropology

DOUGLAS STANLEY BUTTERWORTH, B.A., M.A., Mexico City College, 1960, 1962 WILLIAM MILTON GARDNER, A.B., University of Florida, 1960 PATRICIA JOAN O'BRIEN, A.B., 1962

JAMES BUSHNELL RICHARDSON III, A.B., St. Lawrence University, 1960; M.A., Syracuse University, 1963

In Astronomy

GARY CHARLES GOODMAN, B.S., California Institute of Technology, 1960; M.S., 1964

In Biology

JUDITH ALICE LESNAW, B.S., M.S., 1962, 1964

In Biophysics

MICHAEL THOMAS HOGINS, B.A., University of California (Los Angeles), 1965; M.S., 1967

MARY ELIZABETH JACOBS McCREA, A.B., Trinity College (District of Columbia), 1964; M.S., 1966

In Botanv

MAHMOUD EL TAYEB ABDEL HALIM AHMED, B.Sc., Cairo University, 1959; M.S., 1967

JAMES LYNN SEAGO, A.B., Knox College, 1963; M.A., Miami University, 1966

In Business

GABER ABD EL SAMEIA ABOU EL ENEIN, B.Com., Caito University, 1961; M.S., 1965

JAMES PAUL TUSHAUS, B.S., M.B.A., 1952, 1954

In Ceramic Engineering

ALFRED WALTER NUTT, JR., B.S., M.S., 1965, 1966

#### In Chemical Engineering

JAMES ROBERT BRAGG, B.S., Virginia Polytechnic Institute, 1965; M.S., 1967 ROBERT LEE SOLOMON, B.Engr., Cooper Union, 1964; M.S., 1967 ROGER EDWIN TOWER, B.S.Ch.E., Purdue University, 1964; M.S., 1967

In Chemistry

PAUL ELLIOT BENDER, B.S., State University of New York (Stony Brook), 1963; M.S., 1967

WILLIAM RONALD CARES, B.S.Ch.E., Case Institute of Technology, 1963; M.S., 1965

June 18

LINDA JOYCE CLINE, B.S., A.M., University of Missouri, 1962, 1965 DENIS FREDRICK DE CRAENE, A.B., St. Ambrose College, 1964 ROBERT LESTER DIEBNER, B.S., Louisiana State University and Agricultural and Mechanical College, 1964; M.S., 1966 MICHAEL DAVID GORDON, B.S., University of Michigan, 1964; M.S., 1965

IEVA OGRINS HARTWELL, B.Chem., University of Minnesota, 1963; M.S., 1965

GARY MARTIN HIEFTJE, A.B., Hope College, 1964 ROBERT KALISH, B.S., Polytechnic Institute of Brooklyn, 1965 JON ALFRED KAPECKI, B.S., College of St. Thomas, 1964 JACK EUGENE RICHMAN, B.S.Chem., Purdue University, 1965 JOHN ARTHUR SPENCER, B.S., Worcester Polytechnic Institute, 1964; M.S., 1966 ANTHONY RAYBURN TORKELSON, B.S., M.S., University of Wyoming, 1958, 1960 CHANG-AN YU, B.S.Ag., M.S.Ag., National Taiwan University, 1961, 1964

#### In Civil Engineering

ARUNACHALAM KULATHU AIYER, B.S., University of Travancore, 1956; M.S., 1960 TERRY OLNEY BLACKBURN, B.S.C.E., M.S.C.E., Bucknell University, 1964, 1965 GARRY JOEL PATTERSON, B.S.E., Brown University, 1964; M.S., 1965 JOHN DAVID SMART, B.S., University of Missouri at Rolla, 1965; M.S., 1966

THIRUVALAM RADHAKRISHNAN THIRUVENGADAM, B.E., University of Madras, 1961;

M.E., Indian Institute of Science (Bangalore), 1963

OWEN ORR THOMPSON, Dipl., Royal Melbourne Institute of Technology, 1963; M.S., 1966

#### In Classical Philology

STANFORD EDWARD CASHDOLLAR, JR., B.A., University of Tennessee, 1962; A.M., 1964

GAIL WORSNOPP PIEPER, B.A., University of Connecticut, 1965; A.M., 1966

#### In Communications

DONALD HARRY VALENTINE ERICKSON, B.S., M.S., 1951, 1954

ALAN DONALD FLETCHER, A.B.J., University of Georgia, 1962; M.S., 1964 RALPH STEAD IZARD, B.S.J., M.S.J., West Virginia University, 1961, 1962 WENDELL CHANDLER SHACKELFORD, B.A., Southern Methodist University, 1961; A.M., 1963

### In Comparative Literature

SUZANA RIGOLETH COOPER, Licentiate, University of Sao Paulo, 1962; A.M., 1967 ANITA RUTH ROSENBLITHE, A.B., University of Akron, 1963; A.M., 1965

### In Economics

JOHN MICHAEL BOIE, B.S., M.S., 1962, 1963 DENNIS CARL DUELL, B.S., M.S., Kansas State University of Agriculture and Applied Science, 1961, 1963

WAYNE ALBERT JESSWEIN, A.B., Southern Illinois University, 1963; A.M., 1965 VIRGINIA LEE OWEN, B.S., Illinois State University, 1962; M.S., 1963 YOON KEUN SONG, B.A., Kyung Hee University, 1960; M.B.A., University of Miami, 1964

# In Education

WALTER BERNARD BOLDT, B.A., B.Ed., M.A., University of British Columbia, 1952. 1955, 1963

MARC WILLIAM GOLD, B.A., Los Angeles State College, 1962; M.A., California State College at Los Angeles, 1964

ROBERT WAYNE HEINY, B.A., La Verne College, 1960; M.A., California State College at Los Angeles, 1964

FRANK DANIEL MAGLIONE, JR., A.B., University of Akron, 1951; M.S.Ed., Indiana University, 1962

ROBERT PETER PRECIANS, B.A., M.A., University of Sydney, 1958, 1967

MARIANNE CLAIRE RODERICK, B.A., Ohio Wesleyan University, 1963; A.M., 1967 ROBERT EUGENE RUMERY, B.A., University of Omaha, 1950; M.A., George Peabody College for Teachers, 1962

SISTER MAUREEN KORTAS, B.Mus., Cardinal Stritch College, 1956; M.Ed., Wayne State University, 1960

STEVEN SZABO, B.Ed., University of Toledo, 1951; M.Ed., Wayne State University. 1960

JAMES ALLEN TESKA, B.A., M.A., University of Oklahoma, 1955, 1959

### In Electrical Engineering

JOHN ROBERT ADAM, B.S., M.S., 1966, 1967

JOHN ROBERT ADAM, B.S., M.S., 1966, 1967
GERALD FRANCIS BRIESKE, B.S., Northwestern University, 1960
JOHN HENRY BRUNING, B.S., Pennsylvania State University, 1964; M.S., 1967
DAVID PAUL CASASENT, B.S., M.S., 1964, 1965
JOHN WILLIAM ESCH, B.S.E.E., University of Wisconsin, 1965; M.S., 1967
TERRY GENE GADDESS, B.S., University of Colorado, 1965; M.S., 1967
SAMUEL ISAAC GREEN, B.S.E.E., Northwestern University, 1964; M.S., 1966
JAMES ERNEST HELLER, B.S., Newark College of Engineering, 1965; M.S., 1967
WILLIAM ANTHONY IMBRIALE, B.S., Rutgers, The State University, 1964; M.S., University of California (Los Angeles), 1966
CARL JAMES JOHNSON, B.S.E.E., Purdue University, 1964; S.M., Massachusetts Institute of Technology, 1965
RICHARD JOHN KOSTELNICEK, B.S., M.S., 1964, 1965
MITSUAKI NISHIJIMA, B.S.E., M.S.E., Osaka University, 1962, 1964
ANDREW JOHN POGGIO, B.E.E., Cooper Union, 1963; M.S., 1964
THEO JAY POWELL, B.E.S., Brigham Young University, 1965; M.S., 1967
PRESTON LEE RANSOM, B.S., M.S., 1962, 1965
DONALD RALPH SCHERTZ, B.S.E.E., Bradley University, 1960; S.M.E.E., E.E., Massachusetts Institute of Technology, 1961, 1963
PATRICK DAVID SHEA, B.S., M.S., 1964, 1966
STUART HOWARD STARR, B.S., M.S., 1964, 1966
STUART HOWARD STARR, B.S., Queens College, 1963; B.S., Columbia University, 1963; M.S., 1964; M.S., 1964

- 1963; M.S., 1965 DANIEL JOHN STIGLIANI, JR., B.Engr., Stevens Institute of Technology, 1964; M.S.,
- 1965
- RUSSELL DALTON STINAFF, B.S.E.E., University of Akron, 1962; M.S.E.E., Purdue University, 1963
- DONALD STEPHEN SWATIK, B.S., M.S., 1965, 1967

SHUNICHI TOIDA, B.S., University of Tokyo, 1959; M.S., 1966

THOMAS JIING-CHYUAN WEY, B.Sc., Taiwan Provincial Cheng Kung University, 1959; M.S., 1965

DUSAN ZRNIC, Dipl.Grad.Eng., University of Belgrade, 1965; M.S., 1966

# In English

WARREN FRANCIS DWYER, A.B., Harvard College, 1944; A.M., University of Michigan, 1948

- JAMES DAVID JOHNSON, B.A., M.A., Washington State University, 1960, 1966 DANIEL POWELL POTETT II, A.B., Harvard University, 1963; A.M., 1965 WILLIAM JOSEPH SCHEICK, B.A., Montclair State College, 1963; A.M., 1965 FREDERICK ALVIN SMITH, A.B., Muhlenberg College, 1959; M.A., University of Wyoming, 1960
- MARCIA PERRY SUMMERS, B.A., Geneva College, 1961; A.M., 1962

#### In Entomology

Eddie Wayne Cupp, B.A., Murray State College, 1964 Harland Wade Fowler, Jr., B.S., University of Florida, 1953; M.S., 1960 George Robert Wilson, B.A., Johns Hopkins University, 1960

# In Finance

TAI SAENG SHIN, B.A., Oklahoma City University, 1959; A.M., 1961

In Food Science

RICHARD ARTHUR MUESING, B.S., Mankato State College, 1960; M.S., 1964

### In French

MAXINE ARNOLD VOGELY, A.B., B.Ed., University of Cincinnati, 1934, 1935; A.M., Cornell University, 1947; M.A., Southern Illinois University, 1964

# In Geology

JOHAN PIETER ROOS DE VILLIERS, B.Sc., B.Sc. (Hons.), University of the Orange Free State, 1964, 1965 PETER JOHN EALEY, B.Sc., University of Birmingham, 1963; M.S., 1966 M.S. St. Louis University, 1957, 1961; M

PAUL CLAY HEIGOLD, B.S., M.S., St. Louis University, 1957, 1961; M.S., 1963

MURRAY RATCLIFFE MCCOMAS, B.A., University of Colorado, 1956; M.S., Colorado State University, 1966

STEPHEN ROYSE MORAN, B.A., College of Wooster, 1965; M.S., 1967

# In German

ROBERT FRED BELL, A.B., A.M., 1959, 1963

### In History

Roy Allen Austensen, B.S., Concordia Teachers College, 1963; A.M., 1964 DIONYSIOS DON ANDREW KOUNAS, A.B., State University of South Dakota, 1963;

A.M., 1964

DALE ELLWOOD LANDON, B.A., M.A., Pennsylvania State University, 1959, 1961 FREDERICK EDWARD LAURENZO, B.A., Houghton College, 1961; A.M., 1963

### In Horticulture

CARL HENRY KLEHM, B.S., 1961; M.S., University of Wisconsin, 1962

### In Library Science

CHARLES HENRY BAUMANN, B.S., Washington University, 1951; M.L.S., Pratt Institute, 1952

GAYLE EDWARD EVANS, B.A., M.A. (Anthropology), M.A. (Library Science), University of Minnesota, 1959, 1961, 1963

PAUL HERBERT SPENCE, A.B., M.A., Emory University, 1948, 1956

In Linguistics

DAUD ATIYEH ABDO, B.A., American University of Beirut, 1960; A.M., 1967

### In Marketing

WARREN ARTHUR DEBORD, B.S.B.A., M.B.A., University of Florida, 1962, 1963 ROBERT DALE GESELMAN, B.S., M.A., Indiana State Teachers College, 1954, 1959

NESSIM YANNI NESSIM HANNA, B.Com., Cairo University, 1958; M.S., 1964

ALBERT DAVIS SMART, B.S., Tennessee Agricultural and Industrial State Univer-sity, 1956; M.B.A., Atlanta University, 1957

#### In Mathematics

DAVID MARION ARNOLD, B.A., Wichita State University, 1962; M.A., Western Washington State College, 1965
 DAVID WAYNE BALLEW, B.A., M.A., University of Oklahoma, 1962, 1964
 JOHN WILLIAM CASE, B.S., Iowa State University of Science and Technology,

1964; M.S., 1966

MARK PENDLETON HALE, JR., A.B., Harvard College, 1964; A.M., 1965 LOWELL JOHN HANSEN, B.A., Bemidji State College, 1965; A.M., 1966 HAROLD JACOBS, B.S., City College of New York, 1964; M.S., 1966 JOHN BYRON JACOBS, B.S., University of Michigan, 1965; M.S., 1966

PADMINI TRYAMBAK JOSHI, B.A., M.A., University of Bombay, 1947, 1949; M.A., Bryn Mawr College, 1951

CHARLES WILSON LAMB, A.B., Swarthmore College, 1964; A.M., 1965 CHARLES FREDERICK MILLER III, A.B., Lehigh University, 1962; M.S., New York University, 1964

LARRY JOHN MORLEY, B.S., M.A., Northeast Missouri State Teachers College, 1962, 1964; A.M., 1965

DONOVAN HAROLD VAN OSDOL, A.B., Earlham College, 1964; A.M., 1966

### In Mechanical Engineering

CLAUDIO COHEN, B.S., ROOSEVELT University, 1963; M.S., 1965 STEPHEN COLBURN, B.S., M.S., 1963, 1964

GERALD MCKEE COLVER, B.S.M.E., Bradley University, 1962; M.S., 1964

# In Metallurgical Engineering

EUGENE EDWARD BARTON, JR., B.S., M.S., Virginia Polytechnic Institute, 1959, 1962

### In Microbiology

KENNETH WALTER ANDERSON, B.S., University of Washington, 1965; M.S., 1967 WILLIAM CARL SAXINGER, B.S., 1963

MARLENE VAN CLEVE SHAW, B.S., Wittenberg University, 1964; M.S., 1966

# In Musicology

## ALAN HERBERT PRESTON, A.B., Dartmouth College, 1962; M.A., Yale University, 1964

# In Nuclear Engineering

YIU-SING LIU, Dipl., Chung Chi College, 1962; M.S., University of South Carolina, 1965

ALEXANDER BLAIKIE LONG, B.A., Williams College, 1964; M.S., 1966 WILLIAM GORDON LUSSIE, B.S., M.S., 1962, 1964

#### In Philosophy

DAVID BOYDEN ANNIS, B.S., Ball State University, 1964; A.M., 1966 RONALD ANTHONY CORDERO, A.B., University of Pennsylvania, 1962; A.M., 1964

WEI-HSUN FU, B.A., M.A., National Taiwan University, 1956, 1958; M.A., University of Hawaii, 1963

#### In Physical Education

JAMES DAVID BROWN, B.S., Wisconsin State College (LaCrosse), 1960; M.S., Kansas State Teachers College, 1962

Nansas State 1 eachers College, 1962
JOHN ARTHUR CONLEY, B.A., University of Western Ontario, 1959; B.P.E., Mc-Master University, 1964; M.S., 1966
JOHN DAVID INGOLD, B.S.Ed., Goshen College, 1959; M.S., 1961
MAURICE JOHN JETTE, B.A., University of Ottawa, 1958; M.S., 1967
RALFH HARRY KAPILIAN, B.S., Springfield College, 1960; M.S., 1961
GEORGE ANDREW LOWREY, JR., B.S., Southwest Texas State College, 1949; M.Ed., University of Texas, 1959
MAPTHA LEF PETER R So Ed. Obio State University 1041; M.S., 1962

MARTHA LEE PETERS, B.Sc.Ed., Ohio State University, 1941; M.S., 1963

## In Physics

GORDON WOOD ANDERSON, B.E.E., Cornell University, 1959; M.S., 1961

DANIEL FAHNESTOCK BLOSSEY, S.B., Massachusetts Institute of Technology, 1964; M.S., 1966

M.S., 1966 MORLEY MATTHEWS BLOUKE, B.S., Union College (New York), 1963; M.S., 1965 JOHN RICHARD CALARCO, B.S.E., George Washington University, 1963; M.S., 1965 ALAN GORDON, B.S., Illinois Institute of Technology, 1962; M.S., 1964 DONALD URBAN GUBSER, B.S., M.S., 1963, 1964 WILBERT NORMAN HUBIN, B.S., Wheaton College, 1960; M.S., 1962 GEORGE ERNEST LARAMORE, B.S., Purdue University, 1965; M.S., 1966 LAUREN RICHARD MATHER, B.S., Harvey Mudd College, 1963; M.S., 1964 VYTAUTAS VICTOR PALCIAUSKAS, B.S., M.S., 1963, 1964 PETER FRANK SCHULTZ, B.S., University of Wisconsin, 1962; M.S., 1964 DAVID LEON STEELE, B.S., M.S., 1964, 1965 ALOYSIOUS FELIX TASCH, JR., B.S., University of Texas, 1963; M.S., 1965 THOMAS ANTHONY TUMOLILLO, B.S., M.S., 1963, 1964

## In Physiology

PAUL ANGELO MOLE, B.S., M.S., 1960, 1962 KENNETH EDWARD SCHUIT, B.S., Wheaton College, 1964; M.S., 1966

In Plant Pathology

JAMES LLOYD MCLAUGHLIN, B.A., Eastern Michigan University, 1964; M.S., 1966 TOM GORDON OBRIG, B.S.For., West Virginia University, 1962; M.S., 1967

## In Political Science

ROBERT STANLEY ERIKSON, B.A., Lake Forest College, 1963; A.M., 1966 MICHAEL ANTHONY MURRAY, A.B., A.M., 1964, 1967 ROBERT SUMMERS THOMPSON, B.F.A., Boston University, 1957; A.M., 1964

In Portuguese

JOHN BARKLEY MEANS, A.B., A.M., 1960, 1963

## In Psychology

JOSEPH ALASON ALBERT, A.B., Antioch College, 1961; A.M., 1966

HOWARD JOHN BIRKY, A.B., Bethel College (Kansas), 1963; A.M., 1966

JAMES FRANK CALHOUN, A.B., University of Florida, 1963; B.D., Southern Methodist University, 1966; A.M., 1968

WILLIAM DE MARCO, B.S., College of the City of New York, 1959; A.M., 1962 EILEEN ECHIKO IWAKAMI, B.A., M.A., University of Hawaii, 1956, 1960 NEIL CHARLES KALT, B.B.A., M.B.A., City College of New York, 1964, 1966 DAVID SATHER KUYPERS, A.B., A.M., 1964, 1966

DAVID SATHER KUVPERS, A.B., A.M., 1964, 1966
JUDITH ELEANOR MARTIN, B.A., M.A., Queen's University, 1961, 1964
JOHN STONEY MCINTYRE, B.A., M.A., University of Calgary, 1962, 1964
TERENCE ROBERT MITCHELL, A.B., Duke University, 1964; Adv.Dipl.Pub.Adm., University of Exeter, 1965; A.M., 1967
NICHOLAS ALAN SIEVEKING, B.A., Bellarmine College, 1961; A.M., 1965
RONALD GERALD SILIKOVITZ, A.B., University of Pennsylvania, 1962; M.A., Temple University, 1965; A.M., 1966
SUSAN ILENE TAUB, A.B., Knox College, 1964; A.M., 1968

## In Spanish

FREDERICK JOHN BOUMA, B.A., M.A., University of Wisconsin, 1954, 1956
SYLVIA JEAN BRANN, B.S., KANSAS State College of Pittsburg, 1959; A.M., 1964
DANIEL ELIAS GULSTAD, B.A., M.A., Mexico City College, 1957, 1960
ROMEO ROLANDO HINOJOSA-SMITH, B.S., University of Texas, 1953; A.M., New Mexico Highlands University, 1963
GARY EUGENE A. SCAVNICKY, B.A., Youngstown University, 1962; A.M., 1964
JACK RAYMOND WILLEY, B.A., Lewis and Clark College, 1958; M.A., University of Corgon 1961

of Oregon, 1961

#### In Speech

LAILA NESSIM ABOU SAIF, B.A., American University (Cairo), 1962; M.A., University of Chicago, 1963

FRED BENTON GOODWIN, B.S.Ed., Southeast Missouri State College, 1951; M.A., State University of Iowa, 1954
EUGENE MARTIN LAURENT, B.A., Hardin-Simmons University, 1959; M.F.A., Uni-

versity of Texas, 1961

ALDEN CLARKE SMITH, B.S., Florida Southern College, 1954; M.S., Syracuse University, 1959

## In Theoretical and Applied Mechanics

ROBERT LEE BROWN, B.S., M.S., 1962, 1964 SHIH-CHI CHU, B.Sc., National Taiwan University, 1959; M.Sc., M.A., University of Washington, 1962, 1965

Washington, 1962, 1962
 Howard Joseph Eckert, Jr., B.S.M.E., Lehigh University, 1962; M.S.T.A.M., West Virginia University, 1966
 WESLEY ERNEST HOSKEN, B.S., M.S., 1962, 1963
 THOMAS FRANCIS MORIARTY, B.S., Worcester Polytechnic Institute, 1965; M.S.,

1967

JERRY EDWARD STONEKING, B.S., Georgia Institute of Technology, 1965; M.S., 1966

# In Veterinary Medical Science

HARISH CHANDRA JOSHI, B.V.Sc.&A.H., Agra University (India), 1960; M.S., Michigan State University, 1962

JOEL LANGDON MATTSSON, B.S., D.V.M., University of California (Davis), 1958, 1960; M.S., 1967

HARISH LAL SHAH, B.Sc., M.Sc., University of Lucknow, 1952, 1954; M.S., 1963

In Zoology

VIRGINIA AVERIL ANN KILLBY, B.Sc., Queen's University (Canada), 1963; M.S., 1965

SIDE SING LIEM, B.Sc., M.Sc., Bandung Institute of Technology, 1960, 1963

# Degree of Doctor of Education

# In Education

JOHN FRANKLIN BOBBITT, B.S., M.S., Virginia Polytechnic Institute, 1962, 1964 JOSEPH TURNER CONNELLY, JR., B.A., University of Kansas, 1950; Ed.M., 1952 DENNIS ALAN DAHL, B.S., Ed.M., 1961, 1963

GREGORY COVAL FRANKLIN, B.S., Northern Illinois University, 1961; Ed.M., 1965 DONALD GEORGE GILL, A.B., Illinois College, 1951; Ed.M., 1955 THOMAS LEE GOINS, A.B., Hanover College, 1950; Ed.M., 1958

DONALD LOREN HARVICK, B.S., Southern Illinois University, 1950; Ed.M., 1954 JARREL HOPER, B.S.Ed., Northwest Missouri State College, 1952; M.Ed., Univer-

- sity of Missouri, 1961
- GARY ARMON JAMES, B.S., M.A., Sam Houston State College, 1960, 1962 MARY LOUISE VAN HEULE KOOYUMJIAN, B.S., A.M., Northwestern University, 1958. 1961
- ALFRED JUNIOR LINDSEY, B.S., M.S., Western Illinois University, 1954, 1960 EUGENE THADDEUS LUBERA, Ph.B., University of Chicago, 1956; M.A., Northwestern University, 1963
- ALFRED JAMES MANNEBACH, B.S., M.S., Kansas State University, 1963, 1965
   ARTHUR GROAT MCBEATH, B.A., Queen's University, 1950; B.Ed., University of Saskatchewan, 1952; M.Ed., University of Alberta, 1959
- DONALD STUART MONROE, B.A., Lake Forest College, 1961; M.A.T., Northwestern University, 1964
- DAVID EMERY ROTICEL, B.S.Ed., Wayne State University, 1961; M.Ed., University of Toledo, 1964
- JOE MILAN STEELE, B.A., Oklahoma State University, 1958; Ed.M., 1967 MICHAEL STEPHEN TREMKO, B.S., St. Vincent College, 1952; M.Ed., National College of Education, 1960

#### In Music Education

- JACQUELYN BOSWELL, B.Mus.Ed., Murray State College, 1955; M.Mu.E., Louisiana State University, 1960
- GORDON WILLIAM MATHIE, B.S.Ed., M.Ed., Wayne State University, 1949, 1953
- BRENDA SHERRYLL RANDOLPH, Mus.B., Oberlin College, 1961; M.A., Western Reserve University, 1965 FRANKLIN EDMUND WILLIAMS, B.Mus.Ed., University of Oklahoma, 1950; M.S.,
- 1955

# Degree of Doctor of Musical Arts

RONALD ALLEN HOUGH, A.B., B.Mus., Wheaton College, 1958, 1960; M.R.E., M.C.M., Southwestern Baptist Theological Seminary, 1963, 1963 KENNETH GEORGE POWELL, Mus.B., Oberlin College, 1965; M.Mus., 1966

ROBERT COPELAND VAN NUYS, B.Mus., Indiana University, 1950; M.Mus., 1953

# Degree of Master of Arts

#### In Anthropology

THOMAS HOEVET JOHNSON, B.A., Augustana College (Illinois), 1965 CAROL ANN BARTUSIAK LINK, A.B., 1967 KENNETH EUGENE MOORE, A.B., Michigan State University, 1953 MICHAEL SCULLIN, B.S., Cornell University, 1967

#### In Art Education

WILLIAM ANTHONY SILHAN, B.F.A., B.F.A., 1967, 1967

#### In Art History

STEPHEN CHARLES FOSTER, B.A., Northern Illinois University, 1967 LOIS SUMMERS FRAZEE, B.S., 1965

In Classics

JESS HENRY PARMER, B.A., Ohio State University, 1967 WILLIAM STROME YANNEY, B.A., College of Wooster, 1952; B.D., Princeton Theological Seminary, 1956

# In Comparative Literature

ALEXANDER ZARKO KERSEVAN, A.B., University of California, 1961 BARBARA SUE LYNCH, B.A., St. Mary's Dominican College, 1967

#### In Economics

JAMES MICHAEL O'BRIEN, A.B., Merrimack College, 1965 JOSEPH STANLEY RABIANSKI, B.A., DePaul University, 1964 ATSUSHI YOSHIKAWA, B.Econ., Osaka University, 1962

# In Education

RICHARD DALE GRUBB, B.A., Millikin University, 1964

LINDA MCROBERTS, B.A., Lewis and Clark College, 1967

JEAN RUSSELL MILLER, A.B., Barnard College, 1962 WILLIAM ALLEN SPENCER, B.S., Southern Illinois University, 1963 DOROTHY LLOYD TYACK, A.B., Radcliffe College, 1951

## In English

CHRISTINE CAREW ABRAMS, B.A., University of Maryland, 1966 CAROL ANNE AMES, A.B., 1967 MARGARET EVE BOEDECKER, B.A., Concordia Teachers College, 1968 RITA DELORIS BRADLEY, A.B., Butler University, 1967 CHRISTOPHER ROBERT CARLSEN, B.A., University of Iowa, 1965 CHARLES FREEMAN CHURCH, A.B., 1967 JAMES HENRY DEVRIES, A.B., 1967 JANET LOUISE DUNN, B.S., Northern Illinois University, 1967 ELLEEN ANNE GLENNON, B.A., Mundelein College, 1968 JOYCE WILMA GOLDSTEIN, B.A., Brooklyn College, 1967 NANCY ELIZABETH GUTHRIE, B.A., College of William and Mary, 1968 JAMES FRANCIS HERLIHY, B.A., St. Mary's College, 1964 RITA MARIA JARAS, B.S., Loyola University (Illinois), 1968 ANDREW JACOB KAHAN, A.B., 1967 PATRICIA SHOWALTER KENNEDY, B.A., College of Wooster, 1966 CAROL ANNE AMES, A.B., 1967

PATRICIA SHOWALTER KENNEDY, B.A., College of Wooster, 1966

RENÉ HENRI LEANDRI, Lic., Ecole Normale Supérieure, 1968

MICHAEL WILLIAM O'BRIEN, B.C., LCOR UNITATE SUPERENCE, 1908 MICHAEL WILLIAM O'BRIEN, B.S., Illinois State University, 1966 FORREST WINSTON PARKAY, A.B., 1967 WILLIAM MARMADUKE PLATER, A.B., 1967 LINDA ANN PONTIOUS, A.B., University of Michigan, 1968 ELAINE MARGORIE RIECK, B.A., Carthage College (Wisconsin), 1968 SUE CAROL ROSENBERG, A.B., 1968 CAROL VN DETLEM RUBE A B. CROUD City College 1967

CAROLYN DETJEN RUDE, A.B., Grove City College, 1967

MARY LOU SPARBEL, B.A., Bradley University, 1968

BETTY JAYNE SPINAZZOLA, A.B., Illinois College, 1968 NANCY LEE STROW, B.A., MUITAY State University, 1968 SHARON KAY VAN HALL, B.A., Grand Valley State College, 1966

## In French

JEFFREY LYNFORD ANDREWS, A.B., Washington University, 1968 ROBERT ABEL ARIEW, A.B., 1967 CAROL JEAN CHASE, A.B., 1964 FRANCES SCHLAMOWITZ GRODZINSKY, A.B., University of Rochester, 1967 SAMIA SAMUEL ISKANDER, B.A., Alexandria University, 1964

NANCY MARIE STEFFES, A.B., 1968

KAREN HAVENER VOYDOCK, A.B., Boston University, 1967 LEANNE BETH WIERENGA, A.B., Calvin College, 1967

## In Geography

MARGARET ESTHER MCGUIRE BETCHART, B.A., University of Colorado, 1967 PHILLIP DAVID PHILLIPS, A.B., 1968

## In German

THEODORE LEIGHTON ETHERINGTON, B.A., University of North Carolina, 1967 KATHERINE TILL HILDEN, B.S., Loyola University (Illinois), 1964 MONIKA GLANNER LENTZE, University of Vienna RICHARD ARTHUR LIPPMAN, A.B., Columbia University, 1967

## In Greek

BASIL PAPANIKOLAOU, Dipl., National and Capodistrian University, 1959

## In Historv

KAREN JOAN BURKHARDT, B.A., DePauw University, 1967 KENNETH WAYNE CARLSON, A.B., 1966 THOMAS KENNETH COMPTON, A.B., 1968

JOCELYN MAYNARD GHENT, A.B., 1967 SHARON LEE HELFERS HARMER, B.A., University of Denver, 1965 BRIDGET MARY KING, B.A., St. Xavier College, 1968 FLORENCE LEAH LANFORD, B.S., Ohio State University, 1955 CONNIE MAE MUNK, A.B., 1968 ROBERT GORDON SMITH, A.B., 1967 GARY ALBERT STELLER, B.A., Cornell College, 1968 JOHN PAUL WOYLASH, B.A., DEPaul University, 1967

JOHN PAUL WOYTASH, B.A., DePaul University, 1967

## In Home Economics

SANDRA BYFORD WAKE, B.A., Southern Illinois University, 1966

In Italian

JANET RAE FITCH, A.B., 1966 ROBERTO SEVERINO, B.A., Columbia Union College, 1967 WILLIAM ANTHONY ZANCHI, B.A., State University of New York (Buffalo), 1967

# In Labor and Industrial Relations

WILLIAM HARVEY BERGER, B.S., State University of New York (Buffalo), 1965 HARRIS BLAINE BERMAN, B.A., University of Cincinnati, 1966 JACK LOUIS CALABRO, A.B., City University (New York), 1963 ROBERT NELSON HENDERSON, B.A., Purdue University, 1965 FREDERICK LEE KERR, B.A., Pennsylvania State University, 1959 TATSUO OZEKI, B.A., Keio University, 1962

#### In Latin

ROBERT ANDREW SNIVELY, B.A., Valparaiso University, 1967 Herman John Tiedeman, B.A., Luther College, 1967 Lynne Ann Toelle, A.B., 1968

# In Linguistics

NORIKO AKATSUKA, B.A., Doshisha University, 1959 CHING-HSIANG LEE CHEN, B.A., National Taiwan University, 1961 KATSUMASA SHIMIZU, B.A., Kobi City University of Foreign Studies, 1965

#### In Mathematics

EVA WINIFRED CASEY, B.A., St. Norbert College, 1968
 PHILLIP MURRAY EASTMAN, B.S., Wisconsin State University (Platteville), 1965; M.S., Wisconsin State University (LaCrosse), 1967
 PATRICIA ELLEN FERCUSON, B.A., Southwestern at Memphis, 1965
 CAROLYN MAE HOPP, B.S., University of Wisconsin, 1965
 PAUL LAY HURDEA A. B. Calvin College 1968

PAUL JAY HUIZINGA, A.B., Calvin College, 1968 ARNE JUDE KOCH, B.A., St. Mary's University of San Antonio, 1965 RICHARD EDWARD KULAS, B.S., Winona State College, 1964

RICHARD EDWARD KULAS, B.S., Winona State College, 1964 CARLA ELIZABETH CECILIA NEADERHOUSER, A.B., Cornell University, 1967 ROBERT LYNN OTTS, B.A., Hastings College, 1963 NORMAN LEE PAPKE, B.S., University of Nebraska, 1962 CAROLYN ANN REYNOLDS, B.S., Missouri Valley College, 1965 SISTER SARA DELAREY, B.A., Ursuline College, 1965 SISTER M. KARLANNE HANNA, B.S., Creighton University, 1964 SISTER LOUISE M. LUTZ, B.A., Medaille College, 1968 SISTER LOIS ANN PREBIL, A.B., College of St. Francis, 1961 SISTER MARY IDA SCHMALZ, B.A., St. Mary-of-the-Woods College, 1963 WILLIAM DOUCLAS SMITH, B.S., Murray State College, 1965; A.B., St. Louis Uni-versity. 1967 versity, 1967

PHILIP PETER STICH, B.S., Moorhead State College, 1963

JEANETTE HISAYO TANAKA, B.Ed., University of Hawaii, 1964 ELEANOR ANN TROUT, B.S., M.Ed., Kutztown State College, 1965, 1967 RAY BOEHM TUCKER, B.S., Southern Illinois University, 1956; M.Teach., South-eastern State College (Oklahoma), 1966

JANICE PATRICIA VAITKUS, B.A., Pennsylvania State University, 1965 MARILYN ANN VAN ECHTEREN, B.A., College of St. Catherine, 1965

JACOB CHIU YUEN WU, A.B., Indiana University, 1968

# In Political Science

VALARIE CATHERINE LAMONT, B.A., University of Maine, 1968

MARSHALL ALLIN LEAFFER, A.B., University of Texas, 1964 JANE LAUREL MONHART, A.B., 1968

JAMES THADDEUS PRZYBYLSKI, B.A., University of Minnesota, 1966 CHARLES LEONARD ROBLEE, A.B., 1948 SUSAN ANN WOLLENBERG, B.A., DePaul University, 1967

#### In Portuguese

BONNIE MAE CONWAY, A.B., 1965

## In Psychology

DOUGLAS WAYNE ATWOOD, A.B., Stanford University, 1966

ANTHONY BIGLAN, A.B., University of Rochester, 1966

CHARLES ELBERT COLSON III, B.A., University of Chicago, 1966 THOMAS MICHAEL DUFFY, B.S., Western Illinois University, 1965 MICHAEL BLAKEMORE EVANS, A.B., Hamilton College, 1966

THOMAS PATRICK FRIDEN, A.B., Gonzaga University, 1966

ALAN JAY LITROWNIK, B.A., University of California (Los Angeles), 1967 ALAN JAY LITROWNIK, B.A., University of California (Los Angeles), 1967 RANDALL HARNISON LOWE, B.S., University of Michigan, 1963 DIANE MCGRATH, A.B., Oberlin College, 1963 ROBERT JOHN PURDY, B.S., Pennsylvania State University, 1964 THOMAS AUGUSTUS REID, B.A., Cornell College, 1967 RICHARD KETTH RUSSELL, A.B., 1967 RUENE KLIZADETU SAULUS, P.S., Deniage University, 1965

ELLEN ELIZABETH SMILEY, B.S., Denison University, 1965

FRANK RAYMOND YEATMAN, B.A., Austin College, 1965

#### In Russian

KENNETH JAMES OLSON, B.S., Wisconsin State University (LaCrosse), 1962 RICHARD EDWARD STAEDTLER, A.B., Wheaton College, 1966; M.A., Northwestern University, 1967

# In Social Sciences

BARBARA MOSSMAN BARTEL, B.A., Mundelein College, 1964 Howard Joseph Caquelin, B.S., 1937 Donald Adolph Fisch, B.S., United States Military Academy, 1956

KAREN MCCULLY HONG, A.B., 1968

MARIO ANTONIO RINALDO, A.B., 1968

MARYGENE SCHLITT, A.B., 1968

#### In Sociology

NOEL WILLIAM BARKER, B.A., Carleton College, 1965

EDITH ELISABETH FLYNN, A.B., 1907 LESLIE GAINES FORD, A.B., Emory University, 1965

Jerome Stuart Gagerman, B.S., 1965 James Raymond Gillham, B.A., Kalamazoo College, 1967 Audrey Huck Graham, B.S., 1960

WYATT JEROME HOUSTON, B.S., Western Michigan University, 1962; M.S.W., 1965 (Posthumously)

JUDITH OSBORN KAPTURE, B.S., 1961

#### In Spanish

NYLA MAE GILKERSON, B.S., University of Kansas, 1967 JUDITH ANN HUFFAKER, A.B., Knox College, 1966 KAREN BEANE LOXLEY, B.A., Manchester College, 1966 CONNIE RAE MOORE, B.A., Utah State University, 1967 MANUEL PREZHA-GARCIA, B.A., Northwestern State College (Oklahoma), 1965 TERRANCE ANTHONY STEVENSON, A.B., Washington University, 1966 PAMELA CARPENTER STRANCE, B.A., Colloga of Wooster, 1968 GEORGE EARL WILSON, B.S., Eastern Illinois University, 1962 MARY ELIZABETH WRIGHT, A.B., University of Nebraska, 1966 ALICE DOLORES ZAWILENSKI, A.B., 1968

ALICE DOLORES ZAWILENSKI, A.B., 1968

# In Speech

JANET ELLEN BOHLING, B.S., Southeast Missouri State College, 1968

Ruby Ann Frank, B.S., 1967

RUBY ANN FRANK, B.S., 1967 SYLVIA SINGLETON GAMMON, A.B., 1967 NANCY THERESA MIHEVC, A.B., 1968 SUSAN ELIZABETH NELSEN, A.B., Augustana College (Illinois), 1968 KAREN SUE O'BRIEN, B.S., Illinois State University, 1965 KAREN MARIE OLSON, A.B., Augustana College (Illinois), 1968 ROBERT ROY PADDOCK, B.A., Western Illinois University, 1966 LINDA MAREE POZNANSKI, A.B., 1966 LESLIE ELLEN SCHAFER, A.B., Augustana College (Illinois), 1968 JO ANN WRIGHT, A.B., University of North Carolina (Chapel Hill), 1967

## In the Teaching of English

SUSAN CAROL BUSING, B.A., Illinois State University, 1968

MARIELLEN OWENS GILPIN, A.B., Earlham College, 1963; A.M., 1965 LINDA FRITZEN LIPINSKI, A.B., 1966

BONNIE DAVIES OKUN, A.B., 1965 NORENE MARIE O'NELL, A.B., St. Louis University, 1965 JOSEFINA ARBUES TABUJARA, B.S.E., University of the Philippines, 1952

# In the Teaching of English as a Second Language

CAROL SUE DECHOW, A.B., 1966

ALETTA ELLICOTT DRELLER, B.S., Fairleigh Dickinson University, 1963 MERLE WILDEY FERRIS, B.S., 1967

MARGARET ANN SIEBRECHT, A.B., 1967 KARUMURI VENKATA SUBBARAO, M.A., M.A., Agra University, 1963, 1965

# In the Teaching of French

PATRICIA ANN FRUIN, B.A., Marquette University, 1960

# In the Teaching of Social Studies

NANCY LEWIS BLOCH, B.S., University of Wisconsin, 1962 KATHLEEN ANN DENST, B.S., 1963 VINCENT ARCHER EGAN, B.S., 1968 DAVID POWELL GROGAN, B.A., Southern Illinois University, 1963

GRENVILLE CLARK KING, A.B., 1963

ALEELA MINGEE MCCLEARY, A.B., Wheaton College, 1947

BERNADETTE JEAN ROUSE, B.A., Western Michigan University, 1965

In the Teaching of Speech

SALLY JO MAYOR, B.S., Northwestern University, 1965

## In Theatre

TERRANCE LEE JOHNSON, A.B., 1965 MICHAEL GARTH NICHOLS, B.A., Central State College, 1968 Dominique Lucienne Cresson Sonier, Lic., Universite de Paris, 1964; A.M., 1968

# Degree of Master of Science

## In Advertising

ERNESTINA ARZADON ACHACOSO, B.S.B.A., University of the Philippines, 1964 ANA CHIN CHUNG, B.Sc., Far Eastern University, 1962 Donald Edwin Parente, A.B., 1966 JUSTUS STEVENS TEMPLETON, B.S., Southern Illinois University, 1968 GORDON EUGENE WHITE, B.A., University of Alabama, 1936 GARY KENNETH WOLF, B.S., 1963

In Aeronautical and Astronautical Engineering

ALLEN WEN-SHIN CHEN, B.S., National Taiwan University, 1965 JOHN COWLES MADDEN, M.E., University of Cincinnati, 1964

# In Agricultural Economics

VIJENDRA NATH ASOPA, B.Sc.Agr., M.Sc.Agr., University of Udaipur, 1963, 1965 WAYNE ALLEN HAYENGA, B.S., 1964

GEORGES LOUIS JULIEN HONHON, Ing.Agr., University of Louvain, 1963

- CAROLINA JYH-JYE KING, B.S., National Taiwan University, 1966 KENNETH GORDON MCMILLAN, B.S., 1967
- ALFRED LEON PARKS, B.S., Agricultural, Mechanical and Normal College (Arkansas), 1967
- CHAISUNG ROH, LL.B., Seoul National University, 1963 JOYCE MAHN TSAI, B.S., National Taiwan University, 1967 HIROSHI TSUJII, B.Ag., Kyoto University, 1964

# In Agricultural Engineering

Peter Dale Bloome, B.S., 1965

- THOMAS LEE HANNA, B.S.Ag.E., Purdue University, 1967 GIRISH BAHADUR JOHRI, B.Tech. (Hons.), Indian Institute of Technology (Kharagpur), 1964

# In Agronomy

THOMAS MICHAEL BALLAGH, B.S., Cornell University, 1967

LARRY LEE CASEY, B.S., 1959

WILLIAM ANTHONY FEIST, B.S., 1967 ELMER EUGENE RANKIN, B.S., Southern Illinois University, 1963 LARRY LYNN WACHTEL, B.S., 1967

## In Animal Science

EVERETT GRAY ALDRIDGE, B.S., Kansas State University, 1966

William Ken Baumgartner, B.S., 1967 Max Leslie Hershbarger, B.S., 1968

LARRY LEE KRUSEMARK, B.S., 1968

Allen Duane Leman, B.S., B.S., D.V.M., 1966, 1967, 1968

#### In Architectural Engineering

PRABIR KUMAR ACHARYYA, B.Arch., Dipl., University of Calcutta, 1961, 1962 JOSEPH LOUIS FARUGGIA, B.Arch., 1969

STEPHEN HAROLD HAGEN, B.Arch., 1968

RONALD HASON, B.Arch., 1968 KENT MITCHELL KEEGAN, B.Arch., Rhode Island School of Design, 1968

# DAVID JEROME WICKERSHEIMER, B.Arch., 1967

# In Astronomy

JOHN HERMAN BIERITZ, B.S., 1967

MARSHALL BARRY FAINTICH, B.S., University of Missouri, 1968 HORATIO PETER LAVENDER, B.S., Boston University, 1966; S.M., Massachusetts Institute of Technology, 1967

CAROLYN LOWREY MATTHEWS, A.B., Radcliffe College, 1962 THOMAS LESLIE MAY, B.A., M.A., Texas Christian University, 1962, 1963 GENE EDWARD SMRZ, B.S., Roosevelt University, 1965

Edward Wayland Weis, B.S., 1962

#### In Botany

ALICE CHUNG TSAI, B.S., National Taiwan University, 1966

## In Ceramic Engineering

LEONARD BART SIS, B.S., 1967

## In Chemical Engineering

STEVEN ABELL, B.S., Clarkson College of Technology, 1967 JENNIS RICHARD CASH, B.S., Carnegie Institute of Technology, 1967 JOHN LOUIS KRABBE, B.S.E.S., Rockhurst College, 1967 JAMES REID MCCABE, B.S., University of California, 1967 PETER AUGUSTUS MORA, B.Eng., Cooper Union, 1967 NORMAN CHARLES OTTO, B.S.E., University of Michigan, 1966

#### In Chemistrv

In Chemistry PATRICIA ANNE BALLWAY, B.S., Marquette University, 1967 JOHN MATTHEW BURNS, B.S., Canisius College, 1967 ELMA ZAGUIRRE CABALLES, B.S., University of the Philippines, 1967 LARRY FRANCIS CHARBONNEAU, B.A., Mankato State College, 1964 STEPHEN NORMAN CHESLER, B.S., University of California (Los Angeles), 1966 KATHERINE FUSAE CRAMER, B.A., University of Hawaii, 1966 BARBARA JUNE GRUNER, B.S., 1961 GARY LEWIS HEDDEN, B.A., University of Oregon, 1967 RALPH ONEY JOHNSTON, JR., B.S., University of Wisconsin, 1967 WILLIAM LANE LANCASTER, B.S., University of Arizona, 1967 ATHMANATHAN MANI, B.S.C., M.Sc., University of Bombay, 1964, 1967 LYDIA ELIZABETH MOISSIDES, B.S., Aurora College, 1967

LYDIA ELIZABETH MOISSIDES, B.S., Aurora College, 1967 KATHARINE ANN MYERS, B.S., University of Wisconsin, 1967 MARY ELLEN PHELAN, A.B., Smith College, 1967

BRANKO NESTOROV POPOV, Dipl., University of Skopje, 1964 JOAN MARIE RYAN, A.B., College of New Rochelle, 1967 ELIZABETH JEAN SWANSON, B.S., Pennsylvania State University, 1966

NOEL HARVEY WATKINS, B.A., University of South Florida, 1967

#### In Civil Engineering

JAMES EDWIN AHLBERG, B.S., 1968 BASIL LAWSON ANDERSON, B.S., Technion, Israel Institute of Technology, 1968 THEERAPONG ATTAJARUSIT, B.E., Chulalongkorn University, 1966 EDWARD RAYMOND BRADLEY III, B.S.C.E., Drexel Institute of Technology, 1967

EDWARD KAYMOND DRADLEY III, D.O.E., DICKY INSTITUTE OF TECHNOLOGY, LARRY DENNIS BROOKS, B.S., 1968 ROY BERNARD BUCKNER, B.S., 1962 ALAN BERNARD BUTLER, B.S.C.E., Northeastern University, 1967 LEONARD THADDEUS CARR, B.S.C.E., Purdue University, 1967 WILLIAM DONALD COUCH, B.C.E., Georgia Institute of Technology, 1967 Construct From Doubley R.S. United States Military Academy 1962

WILLIAM DONALD COUCH, B.C.L., Georgia Institute of Technology, 1967 CHARLES ELGIN DOMINY, B.S., United States Military Academy, 1962 BRUCE RUSSELL ELLINGWOOD, B.S., 1968 PAUL DOUGLAS ENGELING, B.E.S., University of Texas, 1967 STANLEY ERLAND FREDRICKSON, B.S., University of Wisconsin, 1965 ANTHONY GEORGE GIROLAMI, B.S., 1968 FOREST LEE GREENAWALT, A.B., Berea College, 1962 JORGE ENRIQUE HACELAS MARINO, Ing.Civ., Pontificia Universidad Javeriana, 1967 LACK KENNETH HAMM, B.S. 1041 JORGE ENRIQUE HACELAS MARINO, Ing.Civ., Pontificia Universidad Jav JACK KENNETH HAMM, B.S., 1941 VICTOR LUIS HERNANDEZ, B.E., City University (New York), 1964 PETER ROBERT HOMAN, B.S., 1968 GARY EUGENE JAHRAUS, B.S., 1967 RAUL SANTIAGO LOPEZ, Geologo, National University of Cordoba, 1964 KENNETH MUN SUNG MARK, B.S., University of Hawaii, 1968 VAROUJAN MOSSIOSSIAN, Dipl., Technische Hochschule Stuttgart, 1965 PREM NARAINDAS PANJWANI, B.E., Sardar Patel University, 1967 WILLIAM CHARLES POLACEK, B.S., 1968 KARL LAWRENCE REICHELT, B.S., United States Coast Guard Academy,

KARL LAWRENCE REICHELT, B.S., United States Coast Guard Academy, 1963; B.S., 1968

GEORGE BERNARD REYNOLDS, B.S., United States Naval Academy, 1965 WESLEY RAYMOND SHOOKS, JR., B.S., Michigan State University, 1968 DAVID EDWIN WEATHERBY, B.S.C.E., University of Maryland, 1968 JON RICHARD WHITTAKER, B.S., 1968

TIMOTHY WAYNE ZEIGLER, B.S., 1968

#### In Computer Science

BRUCE ALLEN BERNOTT, B.E.E., University of Detroit, 1967 JOHN LAWRENCE GAFFNEY, JR., B.A., Miami University, 1966 DAVID EARL GOLD, B.S., 1967 JOSEPH GREGORY KEMPF, B.S., Loyola University, 1964; M.S., 1965 DUNCAN HAMISH LAWRIE, B.S.E.E., Purdue University, 1966; B.A., DePauw University, 1966

YUTAKA MATSUSHITA, B.Sc., Keio University, 1963 THOMAS EDMUND MCCARTHY, S.B., Massachusetts Institute of Technology, 1967 LARRY JAMES PETERSON, B.S.E., University of Michigan, 1965 JOHN MARTIN RETTIG, B.S.E.E., University of Cincinnati, 1968 BETH CARSON RICHARDSON, B.S., 1966 Des Krimer Martine, P. M. A. Desciel University 1057, 1060

RAJ KUMAR VOHRA, B.A., M.A., Panjab University, 1957, 1960

RICHARD ALVIN WELLS, B.A., University of Texas, 1964 SALLY FOOTE WILKINS, B.A., University of Kansas, 1964

## In Dairy Science

DAVID EDWIN DEKAY, B.S., University of Idaho, 1966 Roger Allen Musselman, B.S., 1967

ELAINE NYUHA, B.S., University of Hawaii, 1965

# In Economics

FARHAD NOMANI, B.S., University of Tulsa, 1967 PHILIP JAY RUSHING, B.S., Colorado State University, 1967 SHIRO TANAKA, B.Econ., Yokohama National University, 1965

# In Education

IAN COURT, B.Sc., University of Sussex, 1966

# In Electrical Engineering

JOHN MICHAEL BARRETT, B.S., Christian Brothers College, 1961 LOUIS JOHN BUKAUSKAS, JR., B.S., Colorado State University, 1965 AUGUSTO CABANA, B.S.E.E., University of North Dakota, 1967 JOHN EDWARD ERICKSON, B.S., 1968 JAMES GEORGE EDWARD FARNUM, B.S.E.E., University of Wisconsin, 1962 STATUS TENUNG CROCHING B.S. University of Nebraska 1953

JAMES GEORGE EDWARD FARNUM, B.S.E. E., University of vviscon STANLEY EDWIN GROOTHUIS, B.Sc., University of Nebraska, 1953 ELTON ANTHONY HOPPER, B.E.E., Auburn University, 1967 MOHAMMAD JAMSHIDI, B.S., Oregon State University, 1967 DANIEL JOSEPH LOMBARDI, B.S., 1968 MICHAEL REID PAIGE, B.S., Worchester Polytechnic Institute, 1968 LARRY M. PETERSON, B.S., 1965 THOMAS WILLAW SCHULTZ B.S.F. University of Connecticut, 196

THOMAS WILLIAM SCHULTZ, B.S.E., University of Connecticut, 1967 ROBERT MICHAEL STARNES, B.S., Texas A & M University, 1967 CRAIG ROLAND TALEOTT, B.S., 1968

JAY ROBERT TYNE, B.S., 1967 WILLIAM ARTHUR VIERTEL, B.S., Cornell University, 1967 HARRY RICHARD ZWICKER, B.S.E.E., Purdue University, 1967

In Entomology

ADOLFO MOLINA-PARDO, Ing. Agr., Universidad Nacional de Colombia, 1964

# In Finance

STEVEN JAY COLBERT, B.S., Roosevelt University, 1968 JAMES WILLIAM MELTON, B.S.B.A., University of Missouri, 1967 Macaulay Umuna Nwabara, B.S., 1968

MARK ELLIS SILBER, B.B.A., University of Wisconsin, 1966 Anthony Charles Stepper, B.S., 1968

# In Food Science

DAVID LESLIE COLLINS-THOMPSON, Dipl., Borough Polytechnic, 1967 TIAN BEN LAO, B.S., North Carolina State University, 1965 JAMES MARTIN SPATA, B.S.A., University of Georgia, 1965 RICHARD IVOR TOMLINS, Dipl.Fd.Sc., Borough Polytechnic, 1967

# In Forestry

Donald Francis Holecek, B.S., 1964 Stanley Kenneth Sipp, B.S., 1967 Robert Louis Tortorelli, B.S., 1967

# In Geography

JAMES GOODMAN DOBBINS, A.B., 1967 JOHNNY RAY HUBBARD, B.S., United States Military Academy, 1960

WILLIAM RICHARD WILLIAMSON, B.S., United States Military Academy, 1961

## In Geology

RICHARD WOODMAN ELY, A.B., Cornell University, 1962 CHARLES HENRY SIMONDS, B.S., Stanford University, 1967

## In Health Education

MELISSA CHEN WOAN, B.Ed., Taiwan Normal University, 1965

## In Home Economics

LAURA ANN BAKER, B.S., University of Texas, 1966

BARBARA JEAN GOETZE FISHER, B.S., 1966

Judith Ann Hoppin, B.S., 1967 Adlon Dohme Jorgensen, A.B., 1959

NANCY JO LEACH, B.S., 1967

JOYCE NIES RICHARDSON, B.S., 1966

DIPALI ROY, B.Sc., M.Sc., University of Jabalpur, 1962, 1966 NORMA LURTZ ZIEGLER, B.S., 1954

# In Horticulture

Wellington Foster Anthony, B.S., Rutgers, The State University, 1965 JAMES QUENTIN AYLSWORTH, B.S., Ohio State University, 1964 ANNE HUANG CHENG, B.S.Ag., National Taiwan University, 1965

#### In Industrial Engineering

DON LEROY ANDERSON, B.S., 1967 MICHAEL HANS JAHN, Dipl.Ing., Technische Hochschule, 1966 Robert David Jones, B.S., 1968 MIGUEL POSADA, B.S., University of Florida, 1967

## In Journalism

JUNE ELIZABETH DAVIS, A.B., 1967 CHARLES SCOTT THOMAS, A.B., 1960 SALLIE ANN WHELAN, B.S., Bradley University, 1953

GALE FREDERICK WILEY, A.B., B.S., 1968, 1968

#### In Library Science

LINDA CLARK ALLARDYCE, B.A., Miami University, 1968 JARY ALINE ALLEN, A.B., 1968 JANET LEE ALLGAIER, A.B., 1967 ROSEMARY ANTHONY, B.S., Memphis State University, 1968

TEM DEVOL BULLEIT, B.A., Lycoming College, 1968

TEM DEVOL BUILLETT, B.A., Lycoming College, 1968 PHILIP MARINO CALCAGNO, B.A., Southern Illinois University, 1968 ELIZABETH ROSS COWART, B.A., Birmingham Southern College, 1967 ROBIN DENISE CRICKMAN, B.A., Harpur College, 1968 LOUISE EISENHAUER CROOK, A.B., 1966 ADELE SCHULER DOUGLASS, B.A., University of Wisconsin, 1961 MARY ELVIN ECKERT, B.A., Manhattanville College of the Sacred Heart, 1963 ANN SILVER GOTTLEB, B.A., Pennsylvania State University, 1967 DIANTHA SCOTT HAWK, B.A., University of Denver, 1963

ANN SILVER GOTTLEIB, B.A., Pennsylvania State University, DIANTHA SCOTT HAWK, B.A., University of Denver, 1963 JANE LOUISE HOPKINS, B.A., Greenville College, 1968 RITA JOYCE JENNINGS, B.A., Greenville College, 1968 NANCY JOHANNA KELLER, B.A., Juniata College, 1968 DOROTHY MARIE KESTEL, B.A., Briar Cliff College, 1958 SARA ELLEN LONG, B.S., Illinois Wesleyan University, 1964 GEORGINE MARES, A.B., Hunter College, 1968 MARGOT BLANCHER MCBURNEY, B.A., Principia College, 1953

MARGOT BLANCHE MCBURNEY, B.A., Principia College, 1953 STANLEY DAVID MOREO, B.A., Wabash College, 1968

LINDA BUTTS MURPHY, B.A., Old Dominion College, 1965; A.M., 1968 SANDRA MORGAN OTT, B.S. Northern Illinois University, 1966 RICHARD NEIL PECK, B.A., Eureka College, 1965 JANE MELANIE PHILLIPS, B.A., Muskingum College, 1963 GAIL ANN PORTER, B.A., Denison University, 1968 VIRGINIA MCCARTHY SHIELDS, B.A., Georgia State College, 1967 LANDE TUDONTON SUMP. B.A. BAIL State Lolingerity, 1968

JANICE THOMPSON SHULL, B.A., Ball State University, 1968

SISTER MARION SCHRADER, B.A., Loyola University, 1955; A.M., St. Louis University, 1964 LEIGH ANN SMITH, A.B., Lindenwood College, 1968 MARY BETH SMITH, A.B., University of South Dakota, 1965 ROBERT SOKAN, B.A., St. Procopius College, 1954; A.M., 1955 SUE MCKIBBIN STEINHOUR, A.B., 1968

SHIRLEY ANN TEWES, B.S., 1965

MARILYN JEAN WEISSMAN, A.B., Western Michigan University, 1964; A.M., 1965

In Management

EUGENE LOUIS BERGERON, B.S., 1964

AHMED FADEL ABBAS AHMED MEKKY, B.Com., Cairo University, 1962

In Marketing

CHARLES EDWARD DYKO, B.B.A., Western Michigan University, 1965 EDWIN CONNER HACKLEMAN, JR., B.S., 1967 STEVEN HENRY ISENBERG, B.S., 1965 FRANCIS DONALD SCHLIEF, B.S., Loyola University (Illinois), 1952

JOHN ROLAND SHOWALTER, B.A., Maryville College, 1964

#### In Mathematics

ROGER LEE ANGEVINE, B.S., Western Kentucky State College, 1968 ANNE LOIS BERNSTEIN, B.S., University of Maryland, 1968

ALVIN LYLE BOYD, B.S., 1963

LEO PAUL COMERFORD, JR., B.S., Villanova University, 1968 ANNABELLE POWELL CORBOY, B.S., University of Texas, 1968 DAVID WALTER DEAN, B.S., Illinois State University, 1967 PAMELA ARLINE EDWARDS, B.A., Fisk University, 1967 MICHAEL ALAN FARMER, B.A., Georgia State University, 1964

AARON LOUIS FELDER, B.S., California Institute of Technology, 1968

STANLEY JOHN FLOWERDEW, B.S., University College (London), 1966

STANLEY JOHN FLOWERDEW, B.S., University College (London), 1966 ALEXANDER HILL, B.Sc., University of Glasgow, 1962 RICHARD DANIEL HURWITZ, B.A., Macalester College, 1968 JUDITH ELAINE KALDENBERG, B.A., University of Northern Iowa, 1968 THOMAS EDWARD KOMAN, B.A., Hiram College, 1967 EDWARD YOSHIO KUNITA, B.A., Northwestern University, 1965 CAROL SUE LEHMANN, B.S., University of Michigan, 1968 CATHLEEN BODE MANGAN, B.S., 1966 MARGARET ANN MASLAK, B.S., University of Maryland, 1968 NANCY ANN MCMANUS, B.S., St. Louis University, 1966 DALE LEWIS NEADERHOUSER, A.B., Cornell University, 1967 LINDSAY WALLACE JOHN REED, JR., B.A., College of Santa Fe, 1965 JAMES ASHTON SCHAEFER, B.S., Marietta College, 1965 JEFFREY ALAN SCHULTZ, B.S., 1968 PHYLLIS ELLEN SHAPIRO, B.A., State University of New York (Buff

DEPHYLLIS ELLEN SHAPRO, B.A., State University of New York (Buffalo), 1968
 TSAO-WEN SHU, B.S.E., Taiwan Provincial Cheng Kung University, 1961; M.S., Cornell University, 1966

EDYTHE FAY SWID, B.A., State University of New York (Binghamton), 1968 JOHN DAVID THOMAS, B.S., 1966 KAI-WEN TU, B.S., University of Wisconsin, 1966

SUBRAMANIAN VENKATESWARAN, B.A., M.Sc., University of Madras, 1958, 1960 WILLIAM CHARLES WESTER, B.S., St. Louis University, 1968 SAI-KIE WONG, B.S., Oklahoma State University, 1967

In Mechanical Engineering

CHARLES PETER BARBARO, B.S., 1966 STANLEY WARREN CRULL, B.S., 1965

JOHN PHILIP DECHOW, B.S., 1966 PHILIP MARK GERHART, B.S., Rose Polytechnic Institute, 1968

PHILIP MARK GERHART, B.S., ROSE F OFFICEINIC Institute, 1908 ERICK ARDIN JOHNSON, B.S., 1968 JAMES WILLIAM LEWIS, B.S., 1968 BRIAN HENRY NAGAMATSU, B.S., Union College, 1967 ERIC LEE STORM, B.S., 1968 WILLIAM CHARLES TROMMER, B.S., University of Iowa, 1968 STEPHEN KIN-KEUNG TUNG, B.S., 1967

JAMES ANTHONY TUREK, B.S., 1968 ROBERT CHARLES WINN, B.S., 1968 MICHAEL KEITH WYFFELS, B.S., 1967

# In Metallurgical Engineering

DANIEL ROGER HENNESSY, B.S., University of Notre Dame, 1967 HOWARD SAVAGE, B.S., 1956

## In Microbiology

LINDA SILBER BIRNBAUM, A.B., University of Rochester, 1967 Rose Marie Endres, B.S., 1967 MELVIN STANLEY GARBER, B.S., 1967 ELAINE OSCHERWITZ GREENING, B.S., 1967 ELAINE OSCHERWITZ GREENING, D.S., 1907 HARDY MARC HOWELL, B.S., Valparaiso University, 1967 ROBERT VERNE MILLER, B.A., University of California (Davis), 1967 MARY SUSAN MOULDER, B.S., University of Wisconsin, 1948 RICHARD ELDON PARIZEK, B.S., University of Missouri (Kansas City), 1968 MARILYN KAY SHARUM, B.A., Greenville College, 1963

# In Mining Engineering

FARAG ABDEL-HADY HASSANEIN EL-NASHARTY, B.Sc., Alexandria University, 1961 CHUNG HSIUNG HSIE, B.S.E., Taiwan Provincial Cheng Kung University, 1966 FU-SHYONG JU, B.S., Taiwan Provincial Cheng Kung University, 1963

#### In Music Education

JACK DALE ANDERSON, B.M.E., Millikin University, 1966 GARY PHILLIP BANGSTAD, B.M.E., Gustavus Adolphus College, 1965 MARILYN DVORAK BLATTER, B.S., 1966

MARILYN DVORAK BLATTER, B.S., 1966 BARBARA ELIZABETH MEYERS GEIS, B.S., 1962 KAREN LAURA HAFENRICHTER, B.S., 1967 KARRELL JOHN JOHNSON, B.MUS., University of Texas, 1960 MERVIN ALLEN JONES, B.S., Florida Agricultural and Mechanical University, 1962 ANNE ELAINE LEHMANN, B.S., Illinois State University, 1966 BARBARA HILL MOORE, B.MUS.Ed., Lincoln University, 1965 PATRICIA LEE NOLAND, B.MUS.Ed., Indiana University, 1965 DEONNE BETH ORVIS, B.MUS., Michigan State University, 1964 MARY HENDERSON PALMER, B.S., 1966 THOMAS LAWRENCE PITUK, A.B., Rutgers, The State University, 1968 PATRICIA ANN ROBERT, B.S., 1968 RONALD HERBERT SELLE, B.S., 1968

RONALD HERBERT SELLE, B.S., 1968 CATHERINE LOIS SHERWIN, A.B., 1967 JOYCE ELAINE TEDROW, B.S., Indiana State University, 1968 DORA CHOW TSANG, B.M., Oklahoma Baptist University, 1966 ROBERT ALAN WESSLER, B.M.E., Bradley University, 1961

# In Nuclear Engineering

THEMISTOCLES CONSTANTINE ANESTOS, B.S., 1968 THOMAS JOSEPH BURNS, B.A.E., University of Virginia, 1968 GASTON DUBOIS, Dipl.Ing. et B.Sc.A., University of Montreal, 1967 NORMAN DOUGLAS GLENN, B.S., Texas Technological College, 1968 FORREST EUGENE GUNNISON, B.A., Albion College, 1968 BRUCE MICHAEL ROSENBERG, B.E., Cooper Union, 1967 MATHIAS CHARLES SCHRAMER, B.S., 1968

# In Nutritional Science

KATHLEEN LARSON MUIRURI, B.A., Thiel College, 1968

- LINDA KAY BUNKER, B.S., 1968 FRETHMAN ANIBAL HERVAS, LIC.Ciencas., Central University of Ecuador, 1969 CLAIRE MARIE-PAULINE MARCIL, C.A.P.E.P.S., Ecole Normale Superieure d'Education Physique, 1965
- RICHARD RANDAL POWELL, B.S., Oregon State University, 1968 JOHN EMIL SCHLOSSER, B.S., Springfield College, 1965

### In Physics

- ROBERT DALE ANDERSON, B.S., University of Michigan, 1968 RONALD GRAY BUCHER, B.S., Virginia Polytechnic Institute, 1968 ROBERT FRANCIS CAHALAN, A.B., Villa Madonna College, 1968

SCOTT ODELL EDWARDS, B.A., Pomona College, 1968 DAVID MICHAEL JONCICH, B.A., DePaul University, 1967

RICHARD CARL MAYER, B.A., Quincy College, 1962 ALBERT MIGLIORI, B.S., Carnegie Institute of Technology, 1968 GAIL PERSHING NORSTROM, JR., B.S., University of Tulsa, 1968

- GAL FERSHING NORSTROM, JR., B.S., University of Tulsa, 1968 BIJAN PARHAMI, B.S., 1968 ROBERT GREGORY PETERSON, B.A., Saint Olaf College, 1967 TERRY LINN PITCHFORD, B.A., Southern Illinois University, 1968 JOHN EDWARD POPP, B.S., Northern Illinois University, 1962 LYNN EDWARD REHN, B.A., Albion College, 1967 DONALD RICHARD ROSENBAUM, B.S., Cornell University, 1967 LARRY ALLEN SCHWALEE, B.S., 1968 BOBBY RANDOLPH SCOTT, B.S., Southern University and Agricultural and Mechan-ical College, 1966 ical College, 1966 STEPHEN HEI-YUEN SUNG, B.S., University of California, 1967 CARLTON ANTHONY TAFT, Lic., University of Panama, 1967

John Shi Sun Wei, B.S., 1968 Douglas Michael Whitmore, B.S., 1969

DAN WINSKE, B.S., Purdue University, 1968

#### In Physiology

JAMES MERRITT DOWNEY, B.S., Manchester College, 1967 SUZANNE FINK EVANS, B.A., Miami University, 1967 KAREN MINCKLER HART, B.S., Utica College, 1967 CHARLES THOMAS MEYER, B.A., Ohio Wesleyan University, 1967 PETER JAMES SCHMITZ, B.S., St. Procopius College, 1966

CURTIS ROBERT WHISLER, A.B., Augustana College (Illinois), 1967

In Plant Pathology

DAVID MICHAEL FILIPEK, B.S.A., University of Florida, 1967

In Radio and Television

ELVIN WESLEY MILLER, B.A., Oklahoma Baptist University, 1949 NICHOLAS PETER PELLEGRINO, A.B., 1967 GARY AUSTIN WITT, B.S., 1968

## In Recreation

SUE ANN SPYTEK, B.A., Southern Illinois University, 1967 SALLY BYRNE TENNIS, B.S., Eastern Illinois University, 1967

#### In Sanitary Engineering

JOEL IVES BARKMAN, B.S., University of Vermont, 1964 ALI RASOOL JAVAHERI, B.Sc., Abadan Institute of Technology, 1966 MICHAEL EDWARD LEIFER, B.S., 1968

JOHN CHARLES VOGEL, B.S.C.E., Valparaiso University, 1965

# In Speech Correction

JANE DAGUE BARRY, B.S., Western Illinois University, 1966 ELAINE GRIFFIN DAVIS, B.S., Jackson State College, 1966

# In Statistics

MARSHALL HILARY MEDOFF, B.S., Illinois Institute of Technology, 1967 STEWART ARNOLD SCHUSTER, B.S.A.Math., Washington University, 1967

In the Teaching of Biological Sciences and General Science

Helen Janet Dahman, B.S., 1965

BARBARA WORNER GERRIETTS, B.S., 1967

MARY LOUISE GOBEL, B.A., KANSAS State University, 1967 LA VERNE LOIS PAIPOLAS, A.B., 1968

# In the Teaching of Chemistry

CAROL ANN FORNEK, B.A., St. Xavier College, 1962 CELESTE LYNN STEPIEN, B.S., 1968

# In the Teaching of Geography

LOIS BADE JENNINGS, B.Ed., Chicago Teachers College, 1962 ELSA BARANDUN ROY, A.B., 1966

# In the Teaching of Mathematics

DEAN JOHN BAILEY, B.S., Winona State College, 1965 CELIA LOBOSCO, B.S., 1968 MARGARET FREMAN MAMOUN, B.S., South Dakota State University, 1965 PETER J. RASMUSSEN, A.B., Temple University, 1963 MARIAN ROBINSON, B.A., Marian College, 1957

SISTER MARY ADELE KRZMARZICK, B.S., Notre Dame College, 1962

SISTER MARGUERITE MARIE STAPLETON, A.B., Immaculata College (Pennsylvania), 1965

EVA MARY SMITH, B.S., University of Dubuque, 1963 MARY SNOUFFER, A.B., Lawrence College, 1968 WILLIAM CHARLES THUMM, JR., B.S., Saint Joseph's College, 1965 JOSEPH DINH CHAU TRAN, B.S., University of Santo Tomas, 1963 JUDITH PAULINE VYSKOCIL, B.S., 1968

# In Theoretical and Applied Mechanics

VICTOR NILES BENSON, B.S.M.E., Illinois Institute of Technology, 1965 GARY WILLIAM FRIEND, B.S.M.E., State University of Iowa, 1964 DAVID CLAUDE HOLLOWAY, B.S., 1966

JAMES LOUIS PARRISH, JR., B.S., Johns Hopkins University, 1964 DAVID NORMAN POLASKI, B.S., 1964 JOHN PAUL TURCOTTE, B.E., McGill University, 1959 LESLIE LARRY WICKLUND, B.S.M.E., Bradley University, 1966

# In Veterinary Medical Science

MAMDOUH HUSSAIN ABOU-YOUSSEF, B.Vet.Med., Cairo University, 1966 LUIS ALFREDO POWER, Med. Vet., Universidad Central de Venezuela, 1961 MILDRED ANN QUISENBERRY, B.S., California State Polytechnic College, 1967 JOHN WILLIAM SAGARTZ, B.S., D.V.M., 1962, 1964

# In Zooloav

JAMES ANTHONY BATTI, B.A., Albion College, 1967 MARTHA ABEL BLAKE, A.B., University of California, 1966 BONNIE CAROL BRADFIELD, B.A., Augustana College (South Dakota), 1967 EDELBERTO JOSÉ CABRERA, B.S., 1967 MARILYN JEAN HENTHORN, B.S., University of Cincinnati, 1967 RAYMOND EARL KELLER, B.S., Southeast Missouri State College, 1967 CARLOS FRANK AMORY PINKHAM, B.S., Norwich University, 1965 JOHN ARMAND TRANQUILLI, B.S., 1967 CAROL WALTON ZELLMER, B.S., University of Michigan, 1966 NAIDA DEBORAH ZUCKER, B.A., Queens College, 1967

# Degree of Master of Music

REBECCA HEIBNER BERG, B.M.E., Baldwin-Wallace College, 1967 MARGARET PENNYPACKER BERRY, Mus.B., Oberlin College, 1967 SHIRLEY MEYER BLANKENSHIR, B.Mus., 1961 ALFRED ERNEST BORN, B.M., Valparaiso University, 1967 PHYLLIS ELAINE BRILL, Mus.B., Oberlin College, 1967 JULIA ALICE BURN, B.Mus., Salem College, 1967 JUDITH JAMES COWART, B.M., Florida State University, 1966

JAMES AUGUST CUOMO, B.A., North Texas State University, 1966 JON CHARLES DEAK, B.M., Juilliard School of Music, 1965 LYNN ANN DOFFKE, B.M.E., Wichita State University, 1968 MARY ELIZABETH GILLILAND, B.Mus., 1944 THOMAS RICHARD HEWES, B.M., Heidelberg College, 1965 JULIA ELLEN HUBBARD, B.S., Illinois State University, 1959; B.Mus., 1967 JOAN MARIE KEISER, B.M., Illinois Wesleyan University, 1967

RICHARD THOMAS KVISTAD, MUS.B., Oberlin College, 1967 DAVID HAMMAN MAXWELL, B.MUS., 1968 RICHARD DONALD MCKEE II, B.A., Yale University, 1964 KAREN GRAFLAGE MCNEIL, B.MUS., Indiana University, 1965

ROBIN MCNEIL, B.Mus., Indiana University, 1964 TERRIE ANNE MOUNTZ, B.Mus., University of Kentucky, 1967

LINDA FOLSOM OTTSEN, B.Mus., Birmingham Southern College, 1967 LINDA FOLSOM OTTSEN, B.Mus., Birmingham Southern College, 1967 LILLIAN BUSS PEARSON, B.M., Florida State University, 1967 BETTY RUTH PURSLEY, B.M., University of Texas, 1967 ROBERT ALLEN QUADE, B.M., B.M., University of Wisconsin, 1965, 1967 ALBERTO PEDRO RAFOLS, B.MUS., 1967

JAMES EDWARD ROSS, B.A., Clark University, 1966 LINDA DOROTHY RUSSELL, B.M., Muskingum College, 1967

DIADA DOROTHY RUSSELE, D.M., MUSAINGUIN CONEGE, 1967 ROGER LEEROY SHIELDS, B.MUS., 1965 DOROTHY HUBBARD SKIDMORE, B.MUS., 1962 JEANNE ELIZABETH STEYTLER, B.M., MUITAY State College, 1967 DARLENE CUTLER WILEY, B.M.Ed., College of Wooster, 1967 WILLIAM RONALD YADEAU, B.MUS., Baldwin-Wallace College, 1968

## Degree of Master of Education

ELLEN ANN ABRAHAMSON, A.B., Augustana College (Illinois), 1960 LYNNE FARRINGTON ALLEN, B.S., Skidmore College, 1965 JUDITH RACKOW ANDERSON, B.S., 1968 AUDREY MARIE ARMISTEAD, B.S., Southern Illinois University, 1966 GARY MARTIN ARSHAM, A.B., Harvard College, 1963; M.D., Western Reserve University, 1967

SYLVIA ANNE ASHLEY, B.S., Baylor University, 1964

TRENNA WEIDNER AUKERMAN, B.A., Pennsylvania State University, 1964 EARLADEEN THOMAS BADGER, B.S., University of Wisconsin, 1953 MELVIN SANFORD BAGAASEN, B.S., 1964

NANCY DIANE BARE, B.S.Ed., Eastern Illinois University, 1966

JASON ROGERS BARR III, B.S., Murray State University, 1964 SANDRA BURNS BAAK, B.S., Miami University, 1957 NORMAN VICTOR BENSON, B.A., Augsburg College, 1959 MYRNA LYNN BENTKOVER, B.S., 1968

SHARON REINHARDT BLANKENSHIP, B.S., Illinois State University, 1965 CLARA STURIES BOSSHART, A.B., 1963

RONALD IRVIN BOSTER, A.B., North Central College, 1961

PATRICIA HARRELL BRACEY, B.A., Bennett College, 1953 KAREN SMITH BRADD, B.S., Eastern Illinois University, 1966 SHELLA KAY BRADLEY, B.S., Millikin University, 1965

SHEILA KAY BRADLEY, B.S., Millikin University, 1965 MARGERY WALTERS BROWNING, B.A., Greenville College, 1966 CYNTHIA SUZANNE BUCHWALTER, B.S., Millersville State College, 1965 ELEANOR BERNTSEN BUEHRIG, B.S., 1940 KATHERINE HAMEDER BURKEL, B.S., 1960 BARBARA BORING BURNSIDE, B.S., Southern Methodist University, 1954 GAYLE DIANE BYERS, B.S., Indiana University, 1968 GWEN GUILLET CALHOUN, B.A., Midwestern University, 1964 LOUISE MARGARET CAMPANELLA, B.S., Southern Illinois University, 1962 JIMMY WAYNE CASEY, B.S., Lane College, 1960 MING-CHUNG CHEN, B.A., Taiwan Provincial Cheng Kung University, 1963 JOHN DENNIS CLARK, B.S., Illinois State University, 1965 ROBERT GENE CLARKE, B.A., State College of Washington, 1960

ROBERT GENE CLARKE, B.A., State College of Washington, 1960 BARBARA JEAN DEE, A.B., Oberlin College, 1966 JOHN LAWSON DICKINSON, B.F.A., 1967 SALLY MILES DICKINSON, B.S., Bowling Green State University, 1968

- SUSANNE GRETCHEN DORAN, B.A., Rockford College, 1963
- JEAN MCCARTHY DUNN, A.B., College of St. Francis, 1944 THOMAS BERNARD DUNNING, B.A., Arizona State University, 1962 ALLAN DOUGLAS ECKEL, B.S., 1968

- WILMA ELIZABETH EDMISTON, B.A., Centre College, 1965 DAN DALE EHLER, B.S., Wisconsin State University (LaCrosse), 1968

- DAN DALE LHLER, B.S., WISCONSIN STATE UNIVERSITY (LaCrosse), 1900 RICHARD CHARLES ELLIOTT, B.S., Rhode Island College, 1967 LOUIS MARTIN ENGELBRECHT, B.S., 1951, 1951 DONALD LEROY ERICKSON, B.S., 1960; M.P.H., University of North Carolina, 1965 LINDA OHLSEN FERREIRA, A.B., 1967 MARGIE MUTSCHER FOELBER, B.S., Butler University, 1961 JOHN ROBERT FOGLEMAN, A.B., Augustana College (Illinois), 1965 BARBARA DALE DEUEL FORSTER, B.S., State University of New York (Cortland), 1062

- 1962
- WILMA JEAN FOSS, B.S., University of Wisconsin, 1939 KAREN PARSONS FRITSCHEL, B.S., University of Delaware, 1967 LINDA COLLINS FULLERTON, B.A., Wells College, 1968 BARBARA ANN GERLOFF, B.S., Illinois State University, 1962

- JANET GLEASON, B.A., Edgewood College, 1959 EARL LEAMAN GOODEN, B.S., Jackson State College, 1957
- CLAUDIA COLE GROSS, B.S., 1966
- GLEN KEN HAMILTON, B.A., George Williams College, 1968 HENRY EDWARD HANKERSON, B.S., Florida Agricultural and Mechanical Univer-

- sity, 1963 Rocer WILLIAM HANLEY, B.S., Loras College, 1966 CAROLINE HALL HANNA, B.S., Wayne State University, 1966 RAYKO MANO HASHIMOTO, B.A., University of California, 1958 GLEN ELTON HASTINGS, B.S., Kansas State College of Pittsburg, 1959; M.D., Uni-GLEN ELTON HASTINGS, B.S., Kansas State College of Pittsburg, 1959; M versity of Kansas, 1962
  ETHELYN BROYLES HATFIELD, B.S.H.E., University of Arkansas, 1954
  SHIRLEY JACKSON HELBER, B.S., 1957
  ALICE ELAINE HEMPHILL, B.S., Northern Montana College, 1962
  CRAIG ROULETTE HENDRICK, B.S., Southeast Missouri State College, 1958
  CAROLYN SULLIVAN HERSHEY, B.S., University of Cincinnati, 1963
  DIANE KAWA HETTINGER, B.S., Northern Illinois University, 1963
  SYLVIA TSURUKO HIGA, B.M., University of the Pacific, 1967
  RICHARD SHINOBU HIRABAYASHI, B.A., University of Washington, 1956
  KAREN MAY HOLMES, B.S., Illinois Wesleyan University, 1965
  SUSAN IBIS HOROWITZ, B.A., BROKING, 201696

- SUSAN IRIS HOROWITZ, B.A., Brooklyn College, 1968

- SUSAN IRIS HOROWITZ, B.A., Brooklyn College, 1968 MARGARET MARY HUMMERT, B.S., Eastern Illinois University, 1962 SUSAN BESS JACOBS, B.A., Queens College, 1968 STUART ERNEST JENKINS, B.A., DePauw University, 1964 KATHLEEN MARGARET JOHNSON, B.S., 1963 SIDNEY MEREDITH JONES, B.S., Illinois State University, 1964 AVIS KNUDSEN JORGENSON, B.S., University of Colorado, 1966 MARJORIE LYNNE KALMAN, B.S., 1968 JANICE SMITH KING, B.S., Eastern Illinois University, 1965 TAKUO KINOSHITA, B.A., AOYAMA Gakuin University, 1966 ROBERT OLIVER KNIGHTON, B.S., Madison College (Virginia), 1964 RUTHANN KOHLMAN, A.B., HOPE College, 1965 ANN KAZUKO KOIKE, Ed.B., University of Hawaii, 1968 MARGARET LOUISE LANG, B.S., Illinois State University, 1968 CAROL ROSE LEVY, B.A., University of Denver, 1968
- CAROL ROSE LEVY, B.A., University of Denver, 1968

- CARD ROSE LEVY, B.A., University of Denvel, 1906
   RANDY BOB LEWIS, B.A., University of California (Santa Barbara), 1968
   KATHERINE ANN LINDSAY, B.S., Millikin University, 1968
   CHARLES SILAS LLEWELLYN, JR., B.A., Roberts Wesleyan College, 1953; B.D., Asbury Theological Seminary, 1956
   MARGARET ANN MACNELL, A.B., 1966
   ANNER AND ACCOUNTING DATE IN A Structure of the sector of
- ANNETTE MAFFIA, B.A., Lawrence University, 1966
- FRANCES ELLEN MCCAULEY, B.S., University of Oregon, 1967 LOLA CONSTANCE MCCLINTON, B.S., Southern Illinois University, 1966 ROSEMARY HELEN BOEHLE MCCREARY, A.B., A.M., 1965, 1968
- CECIL EUGENE McGrew, B.S., 1962

ROSETTA JORDAN MCINTOSH, B.S., Black Hills State College, 1941

MARGO MELNICOVE, B.S., Northwestern University, 1968

THOMAS KIRN MERCER, B.S., United States Military Academy, 1961 FRED STEPHEN MIERZWA, B.S., 1968

- JOAN DOROTHY MIKYSKA, B.A., College of St. Francis, 1966 JULIA RUDYNE MILLER, B.S.H.E., Hampton Institute, 1963

- JEANETTE ANN MILLES, B.S., Illinois State University, 1965 MARILYN SPITLER MISNER, B.A., Albion College, 1968 WILLIAM JAMES MITCHELL, B.S., 1968 GERALD EDWARD MONIGOLD, B.S., Oklahoma State University of Agriculture and Applied Science, 1959
- Applied Science, 1959
   RONALD JAY NYENHUIS, A.B.Ed., Calvin College, 1965
   ELAINE SHIRLEY OLSON, A.B., St. Olaf College, 1938; M.R.E., New York Theological Seminary, 1956
   DONALDA HARRISON PENNELL, B.S., Eastern Michigan University, 1953
   JESSE WILLIAM PERKINS, B.S., Southern Illinois University, 1949
   LYDA SUSAN PETERS, A.B., Regis College, 1965
   LORDAUE ANNE PERFERJ, B.A. College of Great Folls, 1956

- LORRAINE ANNE PIERSKI, B.A., College of Great Falls, 1956
- NORMA MOSIER PITTMAN, B.S., 1951
- JANICE LEE PORTER, B.S., Illinois State University, 1962 CAROL JANE PULVER, B.S., Indiana State University, 1961
- FREDERICK JEFFRESS RAMSAY, B.S., Washington and Lee University, 1958; M.S., Ph.D., 1960, 1962
- ROBERT WHITLEY REYNOLDS, B.A., Suffolk University, 1967
- VINSON BEE REYNOLDS, B.S., 1968
- MERRY GERTRUDE RING, B.S., Indiana University, 1965
- RONALD LOUIS ROAKS, A.B., 1966 THALIA PAVIS ROBERTS, B.S., Northwestern University, 1963 RICHARD WALKER ROTH, A.B., 1967 ALICE RICE SADLER, A.B., 1936

- ELLEN PRISCILLA SAUDER, B.S., 1965

- ELLEN FRISCILLA SAUDER, B.S., 1965 JUDITH ANN SCHEU, B.A., Elmhurst College, 1961 ALEXIS JOY SCHMIDT, B.S., Western Illinois University, 1968 BONNIE ANN SEDLER, B.S., Missouri Valley College, 1967 LUCILLE FRISBIE SERNEL, B.A., University of New Mexico, 1966 PATRICIA LOUISE SHANKS, B.A., Fort Wright College, 1952 EVELINDA HINTZE SHARP, A.B., 1967 JOHN HOWARD SHERMAN, B.S., Eastern Illinois University, 1960 SISTER MARY PIUS GUTOSKI, B.S., Northern State College, 1963 SISTER MARY PIUS B.A. Incernate Word College 1962

- SISTER NEOMI HAYES, B.A., Incarnate Word College, 1962 SISTER LEOLA LANGE, A.B., St. Ambrose College, 1955 SISTER MARY CANISIA MAZIARCZYK, B.S., St. Xavier College, 1952 SISTER MARY LOUISE SCHENDEL, A.B., Mount Mercy College, 1959 MARGARET ANN SNOWDEN, A.B., 1968

- Lynn J. Snyder, B.S., 1964
- JOHN GREY SPARKES, A.B., Olivet Nazarene College, 1960
- BRUCE ELDON SPIVEY, B.A., Coe College, 1956; M.D., M.S., University of Iowa, 1959, 1964
- JOHN EDWARD SULLIVAN III, A.B., 1965 ARTHUR FRANKLIN THOMAS, B.S., Eastern Illinois University, 1966 EDITH WHITE TIBBETTS, B.A., Tufts University, 1965 GLORIA STOREY USHER, B.A., Illinois Wesleyan University, 1964

- GLORIA STOREY USHER, B.A., Illinois Wesleyan University, 1964 GAIL YVONNE SNOW VANDERZANDEN, B.S., University of Oregon, 1964 SARA JEAN HYDE VIAR, B.S., Illinois State University, 1968 KAROL MARIE VOIGHT, B.A., College of St. Catherine, 1964 MERRILL ROBERT WADE, B.S., Bob Jones University, 1953 ROSELLA OSBORNE WAMSER, B.S., Southeast Missouri State College, 1963 JANIE LEE WENDELKEN, B.A., DePauw University, 1968 AVERILL ALLEN WEST, B.A., Northwest Missouri State College, 1966 JUDI KOMAKI WHALLEY, B.A., University of Southern California, 1967 JOAN LANDSMAN WHITMAN, B.S., 1967 RONNIE FRANK WILLIAMSON, B.S., Illinois State University, 1966 TEPRY MILLER WILMOT A B., San Francisco State College, 1961

- TERRY MILLER WILMOT, A.B., San Francisco State College, 1961

CYNTHIA CURTISS WISE, A.B., 1965 LYNNE CLARE WOLFF, B.S., Loyola University (Illinois), 1968 PEN-HUA LEE YANG, B.S., M.S., National Taiwan University, 1961, 1964 CHERRY Y. YIN, B.A., Taiwan Normal University, 1966 BERNADINE ALBRECHT YODER, A.B., Goshen College, 1963 ALAN HERSHEL YOUNG, B.P.E., MCMASter University, 1968 CHURPALINE LE CENE YOUNG, B.A. YOUNGE LA YOUNG

CHARMAINE LECESNE YOUNG, B.A., Xavier University, 1960

# Degree of Master of Social Work

- GLADSTONE FREDERICK ALLEN, B.A., M.A., Inter American University of Puerto Rico, 1966, 1968
- GARY AUSLANDER, B.A., Roosevelt University, 1964

CHARLES BURGER, A.B., 1967

Susan Georgia Burke, A.B., 1964

ANTHONY CASURELLA, A.B., Seattle Bible College, 1950; M.A., Bradley University, 1961

MARSCHA JEAN CHENOWETH, B.S., 1966 MARILYN KAY CLARKE, A.B., Knox College, 1964 DIANE IRMSCHER COMING, B.S., University of Wisconsin, 1965 GLEN STEPHEN COMING, B.A., Divine Word Seminary, 1964; M.S., Colorado State University, 1965

DOROTHY HUDSON COOPER, B.A., Dillard University, 1959

Della Lou Corrossi, B.A., Creighton University, 1966 CARL EDWARD CUTSINGER, B.A., North Park College and Theological Seminary, 1963

FRANCIS LUCAS DANIELE, B.A., Quincy College, 1966 GILA ELLEN DEKAY, A.B., 1967

JOHN ALFRED DEL GENIO, A.B., 1967

SARAH GLIDDEN DEMINK, A.B., 1966

SARAH GLIDDEN DEMINK, A.B., 1900
 BARBARA P. DEUTSCH, B.A., Denison University, 1948
 JURDIS MARY DIERAUER, B.S., University of Wisconsin (Milwaukee), 1965
 ALTON CLARK DUBOIS, B.A., Ohio Wesleyan University, 1967
 JAMES GORDON EDWARDS, B.A., Concordia Teachers College, 1967
 GERALD VICTOR EPP, B.A., Bethel College, 1965
 JOSEPH EUGENE GARDNER, B.S., Loyola University (Illinois), 1967
 RUFH SUFES CHESON B.A. Valuersity (1967)

RUTH SITES GIBSON, B.A., Valparaiso University, 1967

ADIA STRES GIBSON, B.A., Valparatio Ginversity, 1967 PHYLLIS NATHANSON GILSON, B.S., 1946 ADELE KRAUS GOODKIND, A.B., University of Michigan, 1944 SHIRLEY GOLDMAN GOULD, A.B., 1967 MARILYN ELOISE GREEN, B.A., Fisk University, 1963

HOWARD WILLIAM HENRY, JR., B.A., State University of New York (Buffalo), 1964

PRISCILLA JOAN HERBISON, B.A., College of Saint Catherine, 1965

PRISCILLA JOAN HERBISON, B.A., College of Saint Catherine, 1965 ALAN LEE HOLLIS, B.A., Manchester College, 1967 JANET JACKSON, B.S., Brigham Young University, 1967 VIRGINIA ANN JACKSON, A.B., Central State College, 1962 MICHAEL WILLIAM JACOBS, B.A., Roosevelt University, 1963 SANDRA ANN SORENSEN JENSEN, A.B., Wheaton College, 1968 LOIS MARY JOHNSON, A.B., San Francisco State College, 1968 JACK PAUL KARDULES, B.S., Wisconsin State College (Stevens Point), 1965 PATRICIA EMILIE KELTLE, A.B., Hillsdale College, 1964 LAWRENCE DOMENIC KOKKELENBERG, B.A., St. Procopius College, 1966 GORDON CLYDE LANGE, B.S., Wisconsin State University (Platteville), 1963 PETER PUI-TAK LEUNG, A.B., Olivet Nazarene College, 1965 ROY LONG, IR., B.A., TOURADO COllege. 1962

Roy Long, Jr., B.A., Tougaloo College, 1962 ANITA MARIE LUTKUS, B.A., DePauw University, 1967

JOHN WILLIAM MCDOUGALL, A.B., Taylor University, 1967 AMY BARRETT MINER, B.A., University of Denver, 1967 SHARON MAE MINKS, B.S., Taylor University, 1964 FRANCES PAULINE MORSE, B.A., Knox College, 1965

MARY LYNNE MUHL, B.A., Duquesne University, 1967

JAMES ANDREW MURPHY, B.A., Saint Joseph's College, 1965

- BETTY GOODMAN NUDELMAN, B.Mus.Ed., Roosevelt University, 1954 JAMES MICHAEL OSTA, B.A., Niagara University, 1964 DOROTHY ESTELLE PEVEN, B.A., Roosevelt University, 1967 THEA ADAMS PIPES, A.B., University of California, 1957 MORTON S. PROPPER, B.A., Roosevelt University, 1967

- RONALD ARTHUR RAGLAND, B.S., Lincoln University, 1956
- CAROLYN JANE RIMEL, B.A., University of Colorado, 1961; M.Ed., University of Minnesota, 1963
- MARIE LOIS ROBINSON, B.S., Emmanuel Missionary College, 1958 STEPHEN BRUCE SCHAEFER, B.A., University of Denver, 1967 JOHN JOSEPH SCHMITT, B.A., Marquette University, 1966 DEE ELLEN SCHUCKER, B.S., University of Oregon, 1962

- ELSIE BAIER SHIM, B.A., Marquette University, 1967
- THOMAS GLEN SIMPSON, B.A., Southern Illinois University, 1967

- SISTER MARY MARTHA CHAPMAN, B.S.N.E., Gonzaga University, 1967 SISTER MARY MARTHA CHAPMAN, B.S.N.E., Gonzaga University, 1961 KATHERINE MULLIKEN SMITH, A.B., 1967 STEPHANIE BRENDA SMITH, B.A., Syracuse University, 1960 SANDRA KAYE SPENCER, B.A., Kalamazoo College, 1963 SUSAN SELINGER SPITZ, B.A., Roosevelt University, 1965 WAYMON THURMAN STARKS, B.S., Agricultural, Mechanical and Normal College, 1961
- RONALD ERNESTO STEINER, B.A., Roosevelt University, 1965
- CHARLES JEROME STOVALL, B.S., Agricultural, Mechanical and Normal College, 1961
- GEORGINE HECKO THOMPSON, B.A., Michigan State University, 1964
- DANIEL PETER TOOMEY, B.A., Loras College, 1967
- KATHLEEN THERESA VANDEHEY, B.A., College of St. Catherine, 1963 DOROTHY MAE VANDERPOL, A.B., 1966
- BERNICE GREENE WILLIAMS, B.A., Roosevelt University, 1965 DARLENE HELEN WILLIAMS, B.A., Mundelein College, 1965 MARCIA JANE WILLSON, B.A., University of Wisconsin, 1966 LORETTA DAVIS WINEBERG, B.S., 1946 RICKA WOLFF YOUNG, A.B., University of Michigan, 1945

#### Degree of Master of Fine Arts

# In Design

JOHN DAVID COLLEY, B.S., Murray State College, 1963; M.A., Columbia Universi<u>ty</u>, 1964

JOHN HENRY HANNA, JR., B.P.A., Art Center College of Design, 1962 YASUHIRO MATSUI, B.F.A., Carnegic Institute of Technology, 1967

JOSEPH SAMUEL SCORSONE, B.F.A., State University of New York (Buffalo), 1966

#### In Painting and Printmaking

- VERNON LANE FISHER, B.S., Hardin Simmons University, 1967
- JAY DUFFIN OLSON, B.F.A., 1967
   MILBURN HARRIS SMITH, A.B., Millikin University, 1948; M.S., Southern Illinois University, 1959

In Sculpture

WILLIAM CLARK ROBERTSON, JR., A.B., University of Tampa, 1966

#### Degree of Master of Television

GLENN IRVIN LIPP, B.S., 1967 ERIC GREGORY ROBERTS, B.S., 1968

## Degree of Master of Architecture

CHRISTOPHER SEE-CHING CHAN, B.Arch., 1966 ROBERT LELAND DYSON, B.Arch., University of Notre Dame, 1968 THOMAS LELAND FINDLEY, B.Arch., University of Nebraska, 1966 JAMES LEROY GORDON, B.Arch., University of Arizona, 1968 DOUGLAS ROBERT OKUN, B.Arch., 1967 PAUL LEONARD POLISKI, B.Arch., 1968 WILLIAM RANDALL ROBBINS, B.Arch., Washington State University, 1968 1969]

DAVID GEORGE SAILE, Dipl., Leicester College of Art and Design, 1966 RICHARD COOK SPEERS, B.Arch., 1967

# Degree of Master of Accounting Science

- MARTIN HOWARD BIRNBAUM, B.S., 1968

MARTIN HOWARD BIRBAUM, B.S., 1908 WILLIAM JOHN BURZYNSKI, B.S., 1968 DAVID CAMPBELL FISHER, B.S., 1968 ROY ALAN FLEGENHEIMER, B.S., University of Arizona, 1968 ROBERT NOEL FREEMAN, B.S.B.A., University of Tennessee, 1968 PHILIP MAX HANLEY, B.S., 1968

THOMAS PATRICK KEARNEY, B.S., 1968 CARL F. MAPLES, JR., B.S., University of Tennessee, 1968 FRANK MITCHELL RACIBOZYNSKI, B.S., 1968

JUAN MANUEL RIVERA FERNANDEZ, Contador Publico, Instituto Tecnologico y de Estudios Superiores de Monterrey, 1966

JOHN ARTHUR VAN OSDOL, B.S., DePaul University, 1967 KAREN JEAN WILL, B.B.A., University of Wisconsin, 1968

## Degree of Master of Business Administration

KENNETH FREDERICK AFT, B.S.E.E., Bradley University, 1963 JOHN KENNETH BEAZLEY, B.S., 1967 ERIC MARSHALL BLOCH, B.S., 1967 NICHOLAS JOSEPH BRUNO, B.S., United States Military Academy, 1956 GEORGE TODRANK BURNHAM, B.S., 1967 GEORGE 10DRANK BURNHAM, B.S., 1907 WALTER PAUL DIECKMANN, B.S., 1967 VIKRAM DUTT, B.S., 1967 DOUGLAS ALAN FRIEDRICH, B.S., 1967 GEOFFREY ROBERT GLASSNER, A.B., Earlham College, 1965 RICHARD MAX GOTTLEIB, B.S., Pennsylvania State University, 1967 PETER LOVELACE HEUMANN, B.S., Washington and Lee University, 1967 RICHARD FRANKLIN HUNTER, B.S., North Carolina State University, 1963 LAMES PAUL MANDEL B.S. 1967 James Paul Mandel, B.S., 1967 JAMES FAUL MANDEL, B.S., 1907 PAUL JOSEPH MONCZYNSKI, B.S., 1967 CRAIG EDWARD PLASSMEYER, B.S., 1967 JAMES JOSEPH SERNEL, B.S.Ch.E., Illinois Institute of Technology, 1964 PETER BROOKS SHAFFER, B.S., Miami University, 1967 JAMES EDWIN SKIERSKI, B.S., 1967 CADAMBI ANANTHACHAR SRINIVASAN, B.E., University of Madras, 1949 GENE WAYNE STEFANIAK, B.S., 1966 LEON MICHAEL TEBO, B.S., 1967 MARK DANIEL THACKABERRY, JR., B.A., Knox College, 1967 SECIL TUNCALP, B.S., 1967 DAVID EDMUND TURNEY, A.B., 1967

#### Degree of Master of Commerce

RONALD KEITH BRADAC, B.S.B.A., University of Dubuque, 1967 ROGER LEE LUMAN, B.S., 1968 SAUL MICHAEL SCHUBERT, B.S.I.M., Purdue University, 1967

## Degree of Master of Extension Education

THOMAS LYNN DOUBET, B.S., 1968 HUBERT HOMER FULKERSON, B.S., 1943 ROBERT FRANKLIN LONG, B.S., 1943 HARRY ROBERT WACK, B.S., 1949

# Degree of Master of Landscape Architecture

DONALD CHARLES WESTPHAL, B.S., Michigan State University, 1963

# Degree of Master of Urban Planning

William Franklin Brown, A.B., 1967 WILLIAM RICHARD DONOHUE, B.Arch., University of Notre Dame, 1967 MARTIN LEITNER, A.B., Hunter College, 1967

ROLAND LOCH, Dipl.Ing., Technische Hochschule Minchen, 1966

MILTON JAMES NICHOLAS, B.A., San Francisco State College, 1967 LAURENCE CHARLES PARNES, A.B., Hunter College, 1967 JOHN GRAHAM PICKARD, B.Arch., University of Liverpool, 1967 ROBERT MARTIN PREISSNER, B.S., Pennsylvania State University, 1967

NILDA M. SOLER, B.A., Tulane University, 1967 JAMES EDWARD STEELE, B.S., Hampton Institute, 1965

JOHN MICHAEL SZUNYOG, B.A., Ohio State University, 1967

## Advanced Certificate

## In Education

DALE RAINFORD BALDRIDGE, A.B., Millikin University, 1960; M.S., Southern Illinois University, 1968

ORLEN DARRELL BROWN, B.S., Eastern Illinois University, 1958; Ed.M., 1964

GENELLE LLEWELLYN CHRISTENSEN, B.S., Illinois State University, 1945; Ed.M., 1964

RAYMOND BURTIS CLARK, B.S., Illinois State University, 1948; M.S., 1953

LOYDE AMALIA FAUSTINI, Lic. Ped., University of São Paulo, 1953; Dipl., University of Reading, 1967; Ed.M., 1968 JOSEFH ANTHONY GUTENSON, B.S., Northern Illinois University, 1950; M.S., Chi-cago Teachers College, 1963

- AVIS JEAN TROUT HUFF, B.S., Langston University, 1957; M.S., Oklahoma State University, 1962

AMPFIAI INFAHSAENG, B.Soc.Admin., Thammasat University, 1956; Ed.M., 1967 DEANNA PALMER KAPLAN, B.S., M.Ed., Cornell University, 1961, 1962 DELILAH ALBERTA NEWELL, B.S., M.S., 1949, 1952

LYNTON MELVIN PIATT, B.S., Purdue University, 1951; M.S., Syracuse University, 1959

CHARLES THOMAS POWERS, B.S., M.S., Illinois State University, 1949, 1950

WILLIAM EDWARD RIDER, B.S., Indiana Central College, 1947; M.S., 1951

WALTER JOHN ROWE, B.S., Stout State University, 1950; M.A., Northwestern University, 1956

SISTER BERNADETTE ZAYONC, B.S., Incarnate Word College, 1960; M.T.EI.Ed., Central State College (Oklahoma), 1967
 MARY VARNADO WALDEN, A.B., A.M., 1942, 1948
 ALICE PHIPPS WHIREN, B.S., Michigan State University, 1963; M.S., Montana

State University, 1964

# In Music Education

WARREN AUSTIN FELTS, B.S., M.Mus., 1940, 1962 NEAL MYRON HARRIS, B.Mus.Educ., Wisconsin State University (Stevens Point), 1963; M.S., 1964

CAROLYN KAY HERTZ, B.S., M.S., 1962, 1965

## Certificate of Advanced Study in Librarianship

IRVING ALTMAN, B.A., St. Vincent College, 1952; M.L.S., Rutgers, The State University, 1959

EMILIA BERNAL-ROSA, B.S., University of Puerto Rico, 1948; M.L.S., Rutgers, The State University, 1957

MARGARET PANNELL FLEMING, B.A., University of Colorado, 1946; M.A., University of Denver, 1950

LESSIE LOUISE HARPER GRAVES, A.B., West Virginia State College, 1930; B.S., M.S., 1934, 1953

ELEANOR J. HOEHN, B.A., Valparaiso University, 1948; M.S., Western Reserve University, 1950

LEOTA MAE JANES, B.A., Indiana State University, 1941; M.S., 1953

HARRY ROBINSON, JR., B.S., Southern University, 1964; M.S., Atlanta University, 1965

SISTER LUCILLE KLEINHEINZ, B.A., Viterbo College, 1944; M.A., Rosary College, 1952

URBAN JAMES STEINER, A.B., St. John's University, 1955; M.S., 1961

DAVID BEAN WALCH, B.S., Eastern Oregon College, 1960; M.S., 1962

MARY JEAN WEIR, B.A., Bethany College, 1942; M.S., Drexel Institute of Technology, 1958

HELEN ÉLIZABETH WILLIAMS, A.B., Morris College, 1954; M.S.L.S., Atlanta University, 1960

# COLLEGE OF AGRICULTURE

# Degree of Bachelor of Science

In Agriculture

DAVID RICHARD ADAMI STEVEN LESLIE AMENT STANLEY BEVIN ARNOLD **JAMES LEONARD AULT** JAMES ROBERT BENSON STANLEY LYNN BREWBAKER FRANK LYLE BREWER TERRY OLYN BROCKMEYER DALE WAYNE BROWN EDWARD ALEC BUNCH LESLIE GENE BUSBOOM RONALD HERSCHEL CAMPBELL LAVERNE EMORY CANHAM, JR. JAMES DAVIS CARMICHAEL BRYCE BERNARD CHAMBERLAIN PAMELA PIERSON CHASE DANIEL GENE CHILDRESS JAMES MARTIN CHISLER RICHARD LESLIE CONN DAVID RAY CORNWELL JAMES ALAN CORRIE CONRAD MYRLIN COUNTRYMAN, High Honors DAVID SCOTT CULBERTSON DUANE ARTHUR CURRY GENE ARTHUR CURTIS PAUL HAROLD DAVIS DOUGLAS LEE DEEMS MICHAEL AUGUSTUS DEGLER EARL WENDELL DEMOSS Jon Wendell DeMoss GEORGE GARY DEVERMAN JAMES DAVID DEWEERTH DENNIS JOHN DUNPHY RALPH ALAN ENDRESS LARRY MARTIN EVERS JOSEPH ROBERT FAIVRE GARNET JAMES FEE Peter Jonathan Felker DANIEL ALLEN FRIANT DENNY REED FULFS JOHN EDWARD FURR CARL DONALD GARWOOD, HONORS John Wayne Gerber, Jr. ERNEST CARL GERMAN, JR., HONOIS Richard Thomas Gooding THOMAS MARSHALL GRADDY TERRENCE ALAN GRANDT CHARLES THOMAS GRAY JOHN WAYNE GRONEWALD, HONORS Robert Herman Hahn, Jr. RAYMOND NICHOLAS HANKES

DANIEL LEE HARRINGTON Ronald Lee Hartshorn RODGER KENNETH HAY, High Honors DAVID STEPHEN HEMMER Robert Theron Hendrickson, Jr., Honors JAMES ROBERT HINES KENNETH RAY HODEL, HONORS DAVID CHARLES HOLLY, High Honors KEITH EDWARD HONEGGER DOUGLAS LYNDON ISHAM MICHAEL GEORGE JANICH ROGER HAROLD JENNINGS STEPHEN RICHARD JOHNSON WARREN DOUGLAS JOHNSON CLAUDE LOWELL JONES, High Honors MICHAEL ALLEN JONES ION WESLEY KENNEY JOHN MARSHALL KING, HODORS WAYNE ANDREW KNEPP, Honors Frederick Paul Kocher THOMAS HAROLD KUERGELEIS **ROBERT STEVEN KURPIUS** JOHN RUSSELL LAMOREUX, HONORS Alan Frank Landis William Eugene Manke DONALD WILLIAM MCCABE JOHN EDWARD MCCLENDON MICHAEL BLAINE MCELVAIN EDWARD LEWIS MCMILLAN JEFFREY LEE MILLER, High Honors JOYCE PETERSON MILLER Ľeslie Frank Miller RICHARD STUART MILLER, HONORS DONALD LEE MOFFITT HENRY RICHARD MOUNT HOWARD WAYNE NIGHTINGALE RICHARD DALE NUTT KENNETH ROBERT OLSON RONALD EUGENE OLSON PATRICK DANIEL O'ROURKE LYLE EDWARD PAUL PETER ANTHONY PETGES JAMES HOWARD PHELPS GEORGE STEVEN PHIPPS MARSHALL MYRL RAMME DONALD HOWARD RASMUS PHILIP JOSEPH REGLI ROBERT LOUIS REIFSCHNEIDER RODNEY CRAIG RICE WILLIAM CHARLES RICE RICHARD RAY RICHARDSON

DOUGLAS SCOTT ROBINSON, High Honors HAROLD EUGENE RODEFFER STEVEN GIRARD SAFFORD MICHAEL DAVID SAMPLE DANIEL LEE SCHNEIDER ALAN GENE SHUMWAY, HONORS RANDALL LEE SIMS DARRELL WILLIAM SMITH ROGER KENT SMITH, High Honors KENNETH EUGENE SNELL DUANE NELSON SOMMERVILLE RICHARD HOWARD SPINHTRNE, High Honors WALTER LEE STEFFEN CURTIS DOUGLAS STRODE STEVEN RAY TEMPLE GARY DALE TITTERINGTON WALTER LLOYD TOWNSEND, HONORS DALE WILLIAM TUTTLE RONALD EUGENE UHE, High Honors DENNIS LYNN UNDERWOOD THOMAS CARTER VANCE

HAROLD EUGENE VAUGHAN **RICHARD CHARLES VER HEECKE** RUSSELL LEO WALDSCHMIDT, HONORS GARY LYNN WALKER JAMES DARRELL WATKINS CHARLES LYNN WATSON DAVID GEORGE WATTERSON GROVER CLEVELAND WEBB THOMAS LLOYD WEBER GAROLD RAYMOND WEINARD FRED CARL WELKER JOHN EARL WHITE RAY ALAN WHITMAN KENNETH EUGENE WIKOFF WINN FINLEY WIKOFF FRED WILLIAM WOLF TERRY LYNN WOLF DENNIS MEADE WOODS IAMES FENTON WRIGHT EUGENE RAY YAGOW DAVID EUGENE ZWICKER

In Dairy Technology

Dennis George Flynn Irwin Wesley Immel Gerald Dean Johnson Karol Ann Muraski Thomas Alan Schwalbe James Howard Slagle Gary Lynn Young

In Floriculture and Ornamental Horticulture GERALD ARTHUR PAULSON RONALD FRANK SPANBAUER

KATHLEEN ANNE BRAVE

In Food Science In Forestry

ELMER CHARLES BELSSNER BARRY WILLIAM BENNER MICHAEL JOHN CZECHOWSKI JAMES MARTIN DAHM JEFFREY JOHN GALLIUN LELAND ROBERT GAURON, HONOTS LOUIS JAMES HUFFMAN CHARLES EDWARD HURLIMAN EDGAR RAYMOND HURLIMAN, HONOTS DENNIS WILLIAM JUNG RAYMOND PATRICK KALINOWSKI DONALD JOHN KASS PAUL AARON MCINTOSH MICHAEL EDWARD NOVY NORBERT PETER SCHENK LEONARD CAY SNEED WILLIAM JOSEPH SWEETNAM THOMAS MICHAEL TUCKER GERALD WAYNE WESTERN WILLIAM PAUL ZIEGLER

## In Home Economics

MARY CAROLYN JOHNSON ALOIA CHERYL LOUISE ANDERSON, High HOROTS HELEN MAUREEN ANDERSON JANICE KAYE ANNISS LINDA LEE BALE CAROL ANN BECKER MARGARET ELGIN BISS PATRICIA LEE BROWN JANE ANN BUFORD HELEN LOUISE CLIFFORD, HOROTS NANCY DIANE COREY ELLEN ANN DALY SUE ANN DEES, High HOROTS CLAIRE ELIZABETH DOBSON KAREN BACY DULGAR DANA DOLORES DURFEE CRISTINA GUADALUPE ESCAT DIANE CHRISTINE FERGER GWENDOLYN DOROTHY FLODEEN GAIL BAUGH FRASER DONNA RAE GUIMONT MARILYN RAE HANLEY, HONOIS TERRY LEE JOHNSON CARA DEWALL JONTES JANICE KAY JULIAN SHARON JEAN KANEY PAMELA KARLSTROM KELL MARY COLLEEN KISH LAUREL LEE KOOP

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In Home Economics Education

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DENNIS EUGENE LEEVER

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In Restaurant Management Thomas Edward Winslow

## COLLEGE OF ENGINEERING

#### Degree of Bachelor of Science

In Aeronautical and Astronautical Engineering

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Richard Duane Beyers John Leslie Jeschke In Agricultural Engineering

Richard Lee Jones Wayne Andrew Knepp, Honors Jess Ralph Lionberger Nicholas Joseph Marinich Denis James Miller Kenneth Robert Olson Roger William Oltmanns, Jr. Larry Dale Sands Robert Alan Sutton, High Honors Eugene Ray Yagow

In Ceramic Engineering

Robert Burbank Bieniasz David Verlin Cunningham Ronald Dean Davis Robert Eugene Dawson James Lawrence Drummond Oliver Keith Francis Wayne Alan Johnson Daniel Lee Johnston ELI LUCHINI JEFFREY WILLIAM MEACHAM JERZY BRONISLAW NIKLEWSKI DENNIS ALBERT ROTT, Highest Honors GAYLE SNIVELY PHILIP AMARH TETTEH JAMES DOUGLAS THOMAS

#### In Civil Engineering

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In Electrical Engineering and Computer Science JOHN FREDDY MORRISON ROBERT DEAN WIRTH

In Engineering Mechanics

Richard Roman Belman	John Bernard Minter
DANIEL LEE DAVIS	DAVID THEODORE NELSON
GORDON HENRY HOLZE, Highest Honors	Thomas J. Rudolphi
Elizabeth Koranyi	Mark William Stafford

In Engineering Physics

- RICHARD GEORGE ALLEN, Highest Hon-
- Richard Albert Baumgartner, High Honors
- Ernest John Bonanno
- BROOKS CARLTON COFFLAND
- JOHN GREGORY COOK
- VINCENT GREGORY EITZEN, High
- Honors
- DAVID LOUIS FANCHER, High Honors
- EDWARD LAWRENCE GRIFFIN, Highest Honors

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JAMES DAVID ZALEWA, High Honors

In General Engineering

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Phillip Lynn Dawes John Nicholas Dragus

FORREST TERREL HONDERICH

William Joseph Lynk Donald Eugene Matteson

MARTIN RICHARD HUERNER, High

Jerome Roy Gea Paul William Gustitus

Honors

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In Industrial Engineering

Peter Louis Monzures John Thomas Murphy Mark Frederick Simon, High Honors Barry Steven Slade Kenneth John Sternickle Charles Lee Stinnett Fredrick Ian Streicher John Edward Yakubinis, Highest Honors

In Mechanical Engineering

JOHN ALLEN AIROLA, High Honors Kenneth John Alexander JOHN EARL ALLER, HONORS DAVID RONALD ANDERSON MICHAEL RAYMOND BARONE Kenneth Lincoln Bath STEPHEN WILLIAM BLAKELY, Highest Honors PAUL ROBERT BONANSINGA ROBERT ALLEN BORUTTA Peter William Boyer WILLIAM EUGENE BROOKHART, Highest Honors DAVID STANLEY BROWN, High Honors ROGER LESLIE BUCHHASS JOHN GARRIE BURR MARK HOWARD BURSTEIN ALLEN KENT COLEMAN, Highest Honors PHILIP M. DINDINGER Stephen Alan Doll LANCE JEFFREY DOMKE GARY LEE DURHAM Bahram Ebrahimi

JOHN DAVID FLAIG VINCENT LUKE FYIE, JR. MICHAEL CHARLES GIUFFRE, HODORS Donald Joe Greer Behrouz Hakimian LOWELL RICHARD HALL MORTON LEE HAVEY DOUGLAS CARL HITTLE DALE LYNN HUNSBERGER LEONARD JASIUWIENAS Robert John Malnar STEPHEN EUGENE MUMFORD JAMES BAILEY ROBERTSON RONALD RUMAN, High Honors MICHAEL WENTFORD SELLERS FRANK PAUL SERRITELLA HUGH WAYNE SHOWN JURIS STALS PHILLIP WALTER THIESSEN William Monroe Weakley William Harlan Wendell RICHARD BRUCE WOLFE

In Metallurgical Engineering

Kenneth Stanley Czernik, High Honors Philip Oke Funk JAMES MICHAEL LINNELL DALE CURTIS MATTHEWS JOSEPH ENOCH VOGLER

In the Teaching of Engineering Technology Bruce Leonard Buchholz

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# Certificate in the Teaching of Engineering Technology

In Electronics Technology

Lyle LA VERNE BISHOP HARRY LEROY BURKETT OVERTON CHARLES CAMPBELL TIEN-REN RICHARD CHENG WILLIAM ROBERT DAVIS DAVID ROY DEVRIES DONALD FRANCIS FAMA

MARION RONALD FUCHS Robert Allen Lehmann JOHN EDWARD LONG Homer Guy McLean WINTON LEROY SMITH **RANDALL LYLE THOMPSON** BENNIE WAYNE TSCHOERNER

# COLLEGE OF LIBERAL ARTS AND SCIENCES

# Degree of Bachelor of Arts

In Home Economics

STEPHANIE KAREN ARLT

CHARLYN DEE BUTTERFIELD

In Liberal Arts and Sciences

- WILLIAM JOHN ABRAHAM, JR., Honors in Liberal Arts and Sciences
- Leith Sawyer Adams
- THOMAS ALBERT ADLER
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- LYNN ROBIN AKERS, High Honors in Liberal Arts and Sciences with Distinction in Mathematics
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- DAVID BALDWIN ANDERSEN
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- Peter John Årmin Keith Scott Armour
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- John Phillip Bentley
- Jean Ann Bergens
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- Arnold Briskman
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- MARIANNE ELIZABETH BURKE, High Honors in Liberal Arts and Sciences with Distinction in Sociology
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- PETER WILLIAM CALLEN, High Honors in Liberal Arts and Sciences
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- ROBERT RAYMOND CARLSON
- ROBERTA DIANE CARLSON
- TIMOTHY HILAIRE CARMELL, High Hon-ors in Liberal Arts and Sciences with Highest Distinction in French JUDITH FAYE CARR, High Honors in
- Liberal Arts and Sciences
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- MARK KING CAVINS
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- JOHN PAUL CHAMLESS
- Robert Allen Chaney
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- PAUL GEORGE CHROMEK
- William Patrick Clarey
- CHRISTINE ELIZABETH CLARK, High
- Honors in Liberal Arts and Sciences Peggy Lorraine Clark
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- HOWARD STEPHEN COHEN, High Hon-ors in Liberal Arts and Sciences
- LINCOLN PAUL COHEN, High Honors in Liberal Arts and Sciences TERRY LEE COLLIER, High Honors in Liberal Arts and Sciences
- EVA CAREN COLLVER
- IDA ELIZABETH COOK, High Honors in Liberal Arts and Sciences with Distinction in English
- Judith Barbara Cooper
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- JON STEVENS CORZINE, High Honors in Liberal Arts and Sciences with High Distinction in Economics
- RUTH LOUISE COY, Honors in Liberal Arts and Sciences
- Jeffrey Baldwin Crandall
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- ROGER ALAN EDMONSON, High Honors in Liberal Arts and Sciences with Distinction in English
- CORADEL RUTH EICHMANN
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WILLIAM ALBERT ERDMAN JOHN FREDERICK ETZKORN Eve Vesta Evans JOHN EDWIN EVANS THOMAS EARL EVANS, JR. WILLIAM FRANCIS EVERHAM STEPHEN PRITCHETT EYMAN CLEO FAGERLIE SANFORD DEAN FARKASH HELEN KAY FARNSWORTH JOAN LESLIE FEINSTEIN, High Honors in Liberal Arts and Sciences ENID AYN FELDMAN IOSEPH DAVID FERRERO PHILIP DAVID FIELD ROBERT MUNRO FINCH Joan Lee Fine William Herbert Firch (Posthumously) FAROLE ANN FISHER, Honors in Liberal Arts and Sciences JEFFREY CRAIG FISHER William Joseph Fitzpatrick Edward William Fitzsimmons PETER JAMES FLEISHER Kenneth Lee Fletcher MICHAEL WAYNE FORTNER ANDREW MULVEY FOX MARTIN FRANK LYNN ELLEN FREDMAN JAMES WILFORD FRENCH CHRISTINE ELISABETH FREY PAUL CHARLES FRIEDLAND, High Honors in Liberal Arts and Sciences MYRNA ELAINE FRIEDMAN, High Honors in Liberal Arts and Sciences

- MANFRED FUCHS PATRICIA YOSHIE FUJIMOTO, High Honors in Liberal Arts and Sciences with Distinction in Anthropology Thomas Edmund Gaikowski
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- NORMAN JAY GANTZ, Honors in Liberal Arts and Sciences
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- LINDA MORRIS HALLGREN
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- Evelyn Karen Hanley
- STANLEY CLARENCE HANNA, High Honors in Liberal Arts and Sciences
- MICHAEL ALLAN HANSELL
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- LOUIS GEORGE HARKNESS, High Honors in Liberal Arts and Sciences with Distinction in Political Science
- RICHARD RONALD HARLAN, High Honors in Liberal Arts and Sciences with Distinction in English
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- with High Distinction in Political Science
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- Gary Lynn Kaufman
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- Brian Dudley Kayser
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- RANDALL CLEL KELLER, High Honors in Liberal Arts and Sciences
- Rojene Annette Kentish
- BRION DELM KERLIN
- BERT DON KIDD, with Distinction in Political Science
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- RICHARD LEE KING
- PAULA DIANNE KINZIE CAROLYN JEAN KIRBY, High Honors in Liberal Arts and Sciences
- CAROL OLANDER KLECKA, High Honors in Liberal Arts and Sciences with High Distinction in Political Science
- CARTER H. KLEIN, High Honors in Lib-eral Arts and Sciences with Highest Distinction in Political Science
- LAUREN HARRIET KLEIN, High Honors in Liberal Arts and Sciences with Distinction in Sociology
- Sari Fox Klein
- ELLEN LOUISE KLOCKE, High Honors in Liberal Arts and Sciences with High Distinction in History
- Nancy Carol Kloetzli
- MARK JAY KNEEDY, High Honors in Liberal Arts and Sciences

- NATALIE JAN KNOWLES, High Honors in Liberal Arts and Sciences with Distinction in Sociology
- GARY KENT KOBLISKA, High Honors in Liberal Arts and Sciences with Highest Distinction in Mathematics KENDRA LEE KOEHLER
- WILLIAM CARL KOENIG
- LILA RAE KOETS
- Judith Ann Kolata
- GREGORY MELTON KOMAR, High Honors in Liberal Arts and Sciences
- RICHARD WILLIAM KOMMERS, High Honors in Liberal Arts and Sciences
- Joy**ce** Ann Konda
- MARYANN JEAN KOTZ, Honors in Lib-eral Arts and Sciences
- Scott Edward Koves
- PHILIP KRASNY, Honors in Liberal Arts and Sciences
- FREDRIC J. KREITER, Honors in Liberal Arts and Sciences
- Robert Joseph Krempl
- SHARON ALTSCHUL KRISCHER
- Allan Stewart Kroll
- MARY SUE KRUSEMARK
- LINDA JOAN KUFLICK
- AMY SUE KUNZ
- Mary Nancy Kupke
- JOHN DYSART LANDRY
- JAMES DAVID LANG
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- LINDA KAY WEST, High Honors in Liberal Arts and Sciences with High Distinction in the Curriculum LINDA LOUISE ZIMONT

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JULIA ELLEN PAYNE

EILEEN TERRY POWELL

JESSICA SUE HARPER SCHWALBE, High Honors in Liberal Arts and Sci-

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DEBORAH JEAN WEIDER

In Theatre Art

PATRICK PAUL ANDREWS SUSAN PATRICIA ARL NAVVAB MUNIRIH FISCHER JANICE JULIA HEISS Leslie Lee Reitz CATHERINE LOUISE WAGNER

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ANDREW WILLIAM KRAMER III VICTOR JOSEPH KREMESEC, JR. JAMES ÁLAN LABANOSKY THOMAS MICHAEL SHERIDAN John Lee Swope William Cather Walker WAYNE EDWARD ZARNECKI

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- KATHLEEN ANN HEALY

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- PAULA LEAH ESCHMANN, HODORS in Liberal Arts and Sciences
- BARBARA LOU FARRAR
- PATRICIA JEAN FATTEN, High Honors in Liberal Arts and Sciences with High Distinction in the Curriculum
- RICHARD JOSEPH GARCIA
- HARLAN FREDDY GOLDBERG, HONORS in Liberal Arts and Sciences
- PATRICIA LYNNE GROMAN, High Honors in Liberal Arts and Sciences
- THOMAS CARL GUEBERT, Honors in Liberal Arts and Sciences
- LORETTA ANNE HOLM, HONORS in Liberal Arts and Sciences
- CATHY HUTCHINSON HYNES

- LINDA KIRKPATRICK JONES, High Hon-ors in Liberal Arts and Sciences with Distinction in the Curriculum
- Susan Leslie Laz
- PATRICIA LONG LEES
- JOYCE BERNARD MAJOR
- JAMES LATRELLE MANN
- Dorothy Ann Muse
- Julie Eileen Palmer
- Mary Edith Pond
- MARY HELEN PRINCE
- DARLENE JUDY ROASA
- MARY RUDESILL ROHR, High Honors in Liberal Arts and Sciences with High Distinction in the Curriculum OTIS RUSSELL SEWARD

- DONALD LESSLY SHEWMAKE DEANNA LEE STERN, High Honors in Liberal Arts and Sciences
- MARY JEAN STUTZ, with Distinction in the Curriculum JANET TRULOCK, Honors in Liberal
- Arts and Sciences
- RICHARD WILBUR WASHBURN, High Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum
- JOHN EDWARD WYSSMAN
- JANE CAROLE YESINOWSKI
- CHRISTINE MARILYN ZAWILA

1969]

ADELINE DIANE AMBROSINI

ROBERT KENNETH HAUGEN, High Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum

### In the Teaching of Physics

LYNELL EARLINE CANNELL, High Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum

### COLLEGE OF LAW

#### Degree of Juris Doctor

- JAMES NICHOLAS ALEXANDER, A.B., 1966
- PAUL STEPHEN ALTMAN, A.B., 1966
- ALGIS KASIMIR AUGUSTINE, B.A., University of Notre Dame, 1966
- ATMORE L. BAGGOT, A.B., Princeton University, 1963 RICHARD JAY BARNETT, B.A., Beloit
- College, 1966 Frederick Newcomb Bates, A.B., 1963
- DENNIS FREDERIC BATT, B.A., Parsons College, 1966
- DENNIS LEE BEKEMEYER, A.B., Dartmouth College, 1965; Honors
- GARY GENE BELKIN, B.S., 1966
- ALAN HOWARD BENDER, B.A., Brooklyn College, 1966
- JAMES BRADFORD BENZIGER, A.B., Harvard College, 1966
- Alex John Beresoff, B.A., Lake Forest College, 1967
- ROBERT BRUCE BISHOP, B.A., Miami University, 1966 JOHN HENRY BOIES, A.B., Dartmouth
- College, 1966
- Alfred Ronald Bonaldi, B.S., 1966
- JAMES DENNIS BOUGHEY, A.B., University of Michigan, 1966
- JAMES EDGAR BOWLES, A.B., Bradley University, 1966
- PAUL MARSHALL BRAYMAN, A.B., Stanford University, 1962 DOUGLAS WILLIAM BRISTOL, B.S., Uni-
- versity of Wisconsin, 1966
- Ronald Jay Broida, A.B., 1966
- GORDON RALPH BROOM, A.B., 1966
- KENNETH RICHARD BROWNSTEIN, A.B., Duke University, 1966 TERRY LEE BRUCE, A.B., 1966
- Edward John Brunet, B.A., Northwestern University, 1966
- MOND PETER DUSCHMUNN, Loyola University (Illinois), 1966 CAMPBELL, B.A., RAYMOND PETER BUSCHMANN, B.S.
- DAVID ANDERSON CAMPBELL, B.A., Westminster College (Missouri), 1966
- DARLENE MARY CATHCART, A.B., 1966
- MICHAEL SCOTT CISNEY, A.B., Oberlin College, 1966
- MICHAEL PAUL COHEN, B.S.B.A., Roosevelt University, 1965

- PATRICK MICHAEL CONBOY, B.A., Northern Illinois University, 1966
- STEPHEN LESLIE CORN, B.S., 1966
- WILLIAM CHARLES CREGAR, A.B., University of Chicago, 1966 MAER IRWIN DAVIS, B.S., 1966
- WILLIAM STEPHEN DAVIS, A.B., Augustana College (Illinois), 1963 Owen Eugene Dempsey, A.B., 1966 GREGORY LAWRENCE DEPORTER, B.B.A.,
- University of Notre Dame, 1966 NICHOLAS GEORGE DOZORYST II, B.A.,
- Northwestern University, 1966
- Joseph James Drolet, B.S., 1966
- RONALD LEE DRUMHELLER, B.S.E.E., Massachusetts Institute of Technology, 1965
- JAMES EDWARD DUMERER, A.B., Washington University, 1966
- BRADLEY WARREN DUNHAM, A.B., 1966
- JAMES ALVIN ECKERT, B.S., 1965
- ROBERT RUSSELL EKROTH, B.S.B.A.,
- Bucknell University, 1964 ROBERT JOHN ELLIOTT, B.B.A., Uni-versity of Wisconsin, 1966
- RAY LEE FEHRENBACHER, B.S.Ed., Eastern Illinois University, 1966
- CHARLES EDWARD FISHER, B.S., 1966
- RICHARD ALAN FRANDSEN, A.B., 1966
- Alan Howard Freedman, A.B., 1966
- BLAIR PHILLIPS FRIEDERICH, B.A., Marietta College, 1966 s Stuart Friedman,
- STUART Ross B.S.B.A., Washington University, 1966
- RICHARD DAVID GAINES, B.A., DePauw University, 1966
- Donald Gary Gartman, B.S., 1966
- RICHARD NEIL GENTRY, A.B., Univer-sity of Michigan, 1966
- Gerald Lee Gherardini, B.S., 1966
- CHARLES MARTIN GIVEN, A.B., 1966
- MICHAEL DAVID GOLDEN, B.A., Michigan State University, 1966
- CHARLES MICHAEL GOLDSMITH, B.A., Brooklyn College, 1966
- WILLIAM M. GOLDSTEIN, B.S., 1966
- TENNYSON WILLIAM GREBENAR, B.S.,
- 1966
- LEWIS BARRY GREENBLATT, B.A., Miami University, 1966
- DAVID ROY GRIMES, A.B., 1965

THOMAS BRADLEY GUMBEL, A.B., 1966

- STEPHEN HOBART GUNNING, A.B., University of Michigan, 1966
- RICHARD YOUNG GUTHRIE, A.B., Duke University, 1966
- DONALD MARTIN HARTSHORN, A.B., 1966
- JOHN OSCAR HAYES, B.S., Iowa State University, 1966
- STEPHEN WALKER HAYES, B.A., De-Pauw University, 1966
- CHARLES ANDREW HAYTON, A.B., 1966
- LOUIS ALAN HECHT, B.S., 1966
- HERBERT VILHELM HEDEEN, JR., A.B., Knox College, 1966
- DOUGLAS AMIEL INGOLD, B.A., South-ern Illinois University, 1964
- ARNOLD MILFORD JOCHUMS, B.A., Illinois State University, 1966
- JAMES WINFIELD JOHNSON, A.B., Knox College, 1966
- JERALD BONARD JOHNSON, B.S., Illinois State University, 1966
- RICHARD MARKS JOY, A.B., University of Michigan, 1966
- JOHN MICHAEL JOYCE, B.S., Bradley University, 1965
- ROBERT JOSEPH KENNEDY, B.A., University of Notre Dame, 1966 RICHARD MERLE KETTLEY, B.S., Brig-
- ham Young University, 1966
- PETER JURG KILCHENMANN, A.B., University of Michigan, 1966
- ROBERT AUGUST KNUTI, B.S., Denison University, 1964
- DAVID DON KOSKI, B.A., Purdue University, 1966
- RUSSELL STANLEY KOSS, B.S., 1962
- JOHN PHILLIP KRAJEWSKI, A.B., 1966
- JAMES MICHAEL LANGAN, B.A., Quincy College, 1966
- HERBERT JAMES LANTZ, JR., B.S., United States Naval Academy, 1961
- RICHARD DUNCAN LARSON, A.B., 1966
- ROBERT DUANE LARSON, A.B., 1966
- RONALD ARTHUR LEHMANN, A.B., Knox College, 1966
- THOMAS EUGENE LEITER, B.S., Northwestern University, 1966
- WILLIAM FREDERICK LEMKE III, B.A.,
- Denison University, 1966 DONALD ALAN LEVY, B.S., 1966 HERBERT JAY LINN, A.B., University of Michigan, 1966
- MARY EDITH LUCKETT, A.B., 1966
- JOHN RICHARD LUND, B.A., Greenville College, 1966
- GEORGE ALBERT LUSCOMBE II, B.S., 1966 WILLIAM EDWARD MALTBY, B.S., Uni-
- versity of Wisconsin, 1967 ANTHONY ROBERT MARTIN-TRIGONA, B.S., 1966

- Lynne Ellen McNown, A.B., 1966; High Honors
- WILLIAM GODFREY MIGELY, A.B., Dartmouth College, 1966 EDWARD HARRIS MOGUL, A.B., Yale
- University, 1966
- RONALD ALFRED MROZEK, A.B., 1966
- MICHAEL KANNALLY MURTAUGH, B.A.,
- College of the Holy Cross, 1966 ROBERT JEROME NEFF, B.S., Southern Illinois University, 1961
- DENNIS ARTHUR NORDEN, A.B., 1966
- Emmett Leo O'Donnell, A.B., 1966
- SEYMOUR ABRAHAM OLIFF, B.S., De-Paul University, 1966 BERNHARD OLSON II, B.S., Miami Uni-
- versity, 1966 William Terry Panichi, A.B., 1966
- ANDREW ALLAN PATERSON, JR., B.S., University of Michigan, 1966
- DAVID DRAKE PATTON, A.B., Duke Uni-
- versity, 1966 WILLIAM LYLE PERLMAN, B.A., Miami University, 1966 BARRY MICHAEL PERMUT, A.B., 1966
- BRUCE WARNER PETERS, B.A., William Penn College, 1966
- KENNETH CRAIG PETERSON, A.B., 1966
- KEITH MARTIN POCKROSS, B.S., 1964; A.M., 1965
- JAMES FRANCIS PRICE
- JERRY WALTER QUICK, A.B., 1966 JOSEPH LYNN RACINE, B.A., Graceland College, 1966
- STEPHEN BOLAND RINGWOOD, B.S., University of Wisconsin, 1966
- JOSEPH MURPHY ROBINSON, B.A., University of Notre Dame, 1966
- RONALD FREDERIC ROBINSON, B.S., 1966 ROBERT MICHAEL ROGERS, B.A., South-
- ern Illinois University, 1966 HARVEY ADOLPH ROTH, B.S., Brooklyn College, 1966
- MARTIN ROBERT ROTHENBERG, B.S., 1965
- LAWRENCE ELLIOTT ROTHSTEIN, B.A., Carleton College, 1966
- DANIEL KASBEER RUSSELL, B.A., Western Illinois University, 1966
- GILBERT MARK SACKHEIM, A.B., Hunter College, 1966
- RICHARD JAMES SALAS, A.B., 1966
- BARRETT SANDERS, A.B., Amherst Col-lege, 1959
- H. MICHAEL SARTON, B.A., University of Notre Dame, 1966
- KENNETH PAUL SCHUCK, B.A., Ball
- State University, 1966 CHARLES JOSEPH SCHUFREIDER, 1 Northwestern University, 1966 B.A.,
- ROBERT PAUL SCHULHOF, B.A., Southern Illinois University, 1960

- DAVID VICTOR SCHULTZ, B.S., 1966
- GLENN KENNETH SEIDENFELD, JR., B.A.,
- Northwestern University, 1966 MICHAEL MAURICE SHERAS, A.B., Uni-versity of Michigan, 1966 JAMES ARLO SHIRK, B.A., Southern
- Methodist University, 1966
- RICHARD BLAIR SILVERMAN, A.B., 1965
- JOSEPH PAUL SKOWRONSKI, JR., A.B., 1966
- JOHN ASHBY SLOVER, JR., A.B., 1966 JOHN RICHARD STABLES, A.B., 1966
- GREGORY ALAN STAYART, B.S.B.A., Northwestern University, 1966 PAUL EDMUND STEINHOUR, B.S., 1966
- HAROLD LLOYD STOLLER, JR., A.B., 1966
- JAMES RICHARD STREICKER, B.A., Miami University, 1966 GARY ERNEST SUOJA, A.B., 1966 KENNETH EDWARD SUSKIN, B.S.,
- . 1966
- BEVERLY ANN SUSLER, A.B., 1966 ARTHUR RAGNAR SWANSON, B.S.
- Northern Illinois University, 1966 RONALD WALTER SZWAJKOWSKI, B.S.,
- 1965; High Honors WILLIAM GAVIN TAFFE, B.A., St. Mary's
- College (Minnesota), 1963
- RICHARD ARTHUR TANNER, A.B., 1966 JOHN RICHARD TEISING, A.B., Grinnell
- College, 1966
- Gerald Martin Tenner, B.S., 1966 Dale Henry Thayer, B.S., 1966 William Bennett Treitler, H
- B.S., Florida State University, 1965
- STANLEY LEWIS TUCKER, B.S., 1965

- RICHARD LEE TYREE, B.S., 1966
- DENNIS JAMES VENA, B.A., DePaul University, 1966
- Adalbert Leonard Vlazny III, B.S., 1966
- STEPHEN FRANCIS VON TILL, B.A., Michigan State University, 1966
- ROBERT EUGENE WANGARD, B.S., University of Wisconsin, 1966

- WILSON CHARLES WASHKUHN, B.S., Millikin University, 1965 DENIS JOSEPH WEBER, A.B., 1966 FRANK JERALD WEBER, B.S.Ed., East-ern Illinois University, 1966
- ROBERT ALAN WEINBERGER, A.B., Oberlin College, 1966 Edward Berry Weisel, A.B., 1966 Reinald Werrenrath III, B.A., De-
- Pauw University, 1966
- ROBERT IRA WERTHEIMER, A.B., 1966
- RICHARD TED WEST, B.S., 1966
- MICHAEL IRWIN WEXLER, A.B., George
- Washington University, 1966 JAMES ARTHUR WILDEROTTER, A.B., Georgetown University, 1966; Honors
- BENNETT WILLIAMS, A.B., 1966
- RICHARD ARTHUR WILSON, A.B., 1966
- GARY KIM WINCUP, B.A., DePauw University, 1966
- WINGADER, A.B., THOMAS ARTHUR Knox College, 1966
- DAVID BRUCE YAVITZ, B.A., Drake University, 1966; Honors

## COLLEGE OF EDUCATION

#### Degree of Bachelor of Science

In the Education of the Deaf

Christine Ann Breyer LINDA JO CRANDALL GAIL JANET EDENSON, HOHORS BETH MARSHA KATZ, Honors

CARY KRONENBERG, High Honors TRUDY KAY PERLMAN GALE NINA ROSEN, HONORS SUSAN GEORGIA UMSTOT, High Honors

In the Education of Mentally Handicapped Children

BENITA ANN BLACHMAN, HODORS DEBORAH LOU BOXDORFER, HONORS JOANNE CLAIRE BREGMAN, Highest Honors CHERYLE LYNN DAVIS SUSAN MARIE FISHER, HODOTS CINDA LOU FULTON ELYSE GOLDSTEIN

Susan Fern Gross KATHRYN ANN HOLLAND ALICE IRWIN JUDITH KIRKPATRICK MICHELE KAE ORTON JUDITH CODD PLEVIAK IRENE RADZEVICIUS, HODOIS MARY ANN WESTRAY, Highest Honors

In Elementary Education

LINDA GAIL ADELMAN, High Honors
Judith Jean Andalman, Honors
JANET CAROL ANDERSON
Susan Jeanne Atkenson
BARBARA KAY BALLEW
CHARLOTTE DIANE BARGREN

MICHELE ANN BARON LINDA KATHLEEN BASTERT DONNA LOUISE BATDORF REBECCA LYNN BAUDINO ROSELLA SCHUPBACH BAUER NANCY ELLEN BECKER, High Honors

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RITA LYNN BECKER DORIS CHAPMAN BECKERMAN Peggy Joy Begun MARLA JEAN BENDRICK Pamela Jean Bergstrom Jo Ann Berman MARCIA ANN BERRY BEVERLY LOU BJORKLUND MARY STEVENS BLACK, HONORS JANET HELEN BLUM SHERI JOYCE BLUM EVE GAIL BOCHNER JANE BAER BOLES JOANNA NORMAN BRECKENFELD NANCY LORENE BRETSCHER LOIS JEAN BROCKMAN MARGARET LEE BROWN MARGARET ANN LAMPO BULL, HONORS LINDA JEANNE CARLSON, HONOIS MARKIE LOUISE CARLSON LOLITA ADA CARRIERE, HONOIS CAROL LUCILLE CLEVELAND RHONDA LUCIENNE COLLINS Margaret Jean Crawford Evelyn Davis Danneberger DANUTA URSULA DASZKIEWICZ BARBARA ANN BUSH DAVID RITA RAKAUSKY DELANOIS MARY WATTS DOUGLAS LOIS JEAN DRAGER, Highest Honors KAREN JOYCE DRAZAN JUDY W. EBY, HONOIS JANET ELIZABETH EDMISON, High Honors LINDA RAE EGGERT **ROBIN MAE ELLISON** MARY PHELPS ERICKSON Toni Martin Feeley Anita Rae Feingold Priscilla Aileen Feinstein BONNIE LEE FELDMAN Susan Dale Feltman, Honors DIANE LYNN FETHERLING LINDA JO FINFROCK SHARON ANN FLEMING, High Honors KAREN RUTH FORD Sandra Joy Friend MARLENE RUTH FRISHMAN NANCY LEE GARDNER, High Honors Carol Jean Gile Susan Elizabeth Glenn VIRGINIA RUTH GOBLE BARBARA BEAR GOLDEN LINDA BESS GOTTFRIED RANDEE H. GREENBERG CONNIE KAY HALEY GARY LEE HEGENBART DALE BETH HELFAND, High Honors LILA DANNER HEWKIN BARBARA JILL HIRANO JANICE LOUISE HOER, HONORS Betty Jean Hursey

KATHERINE MARIE HUSTEDT Susan Jane Ingalls Judith Darline Jacob Jorja Kay Jacobs Elizabeth Carter Johnson PAULA ANN KAMMAN Bonnie Salzman Kaufman Phyllis Anne Kelm LINDA ANNE KENDALL JUDITH ELLEN KERNIS, High Honors Renee Fern Kessel CAROLINE JO KETCHUM MICHAEL LEWIS KINGSTON, High Honors MURIEL ANN KNOBLAUCH MARY JULIE MARGARET KOWALSKI CAROL ANN KREIDER SHARON LYNN KUBINSKI CONSTANCE KURLANSKY LOIS LYNN LANDSMAN CAROL MARIE LARSEN Delores Elaine Leimbach NADYNE MERLE LEVIN Linda Alice Lewis Mary Elizabeth Limbacher NANCY MARIE LINDENMIER DEBORAH JEAN LINDSTROM LINDA MARGARET LOVENDAHL HELEN LOUISE LOW JUDITH FLORENCE MAAS PAULA DIANE MALMGREN LILA SUE MARKERT, Highest Honors SUSAN PIERCY MCCARTHY MOLLIE MARION MCDONOUCH KATHLEEN MARIE MCLARNEY Rosemary Mede CATHERINE MARIE MEYER, Honors PATRICIA ANN MEYERS, HONOIS Sylvia Ann Miller MAVIS ANN MUSSULMAN MARY JANE NELSON SUSANNE GAY NETZKY LINDA O'HALLERAN NITZ NANCY HAYS OCKEN, HONOIS LOIS MAE O'CONNOR JANIS DEE OLSEN LINDA ADELE OLSON, HONORS NANCY ELIZABETH PAYNE BARBARA JENSEN PHILLIPS SANDRA LYNN PIERCE, High Honors SYDNEY PIZER MARY MORRISON REDMAN, HONORS SALLY ANN REYNOLDS, HOBORS EVA RING LINDA HAMP ROBERTS EILEEN JUDITH ROBINSON, High Honors ELAINE ROCHELLE ROSEN REBECCA ROUDEBUSH BONNIE ELLEN RUBIN BARBARA GALE RUBLEY JEAN KATHRYN RUEHRDANZ

LINDA ELIZABETH RUPP MARLENE KAREN SABIN, HONORS CARLA RENEE SCHAFFRAN MARGUERITE ANNE SCHECK JOLINE HATHAWAY SCHOLZ ELINOR CAROL SCHUMOW, High Honors SUZANNE MARIE SEAVEY BONNIE SUE SHANOFF BARI LEE SHAPIRO NANCY JEAN SIDELL, HONOIS DOROTHEA FREDRICKSON SMITH, High Honors GALE LYNN SODIKOFF CHERYL GUNCHIN SOERENSEN RONA H. STARKSTON SHARON LOUISE SWANLUND Lois Martha Teitelman Ann Marie Thackeray, Honors Linda Ann Tischer DEBORAH LYNN TRIMBLE

BONNIE CAROL VANDERHYE JANETTE BERRY VAN HOESEN, HONORS EMMLEE LOUISE VEZZOLI ELIZABETH BRUCE WARD DONNA LEE WARHOL MARGARET KATHRYN WATT BEVERLY ANN WEATHERWAX, HONORS Paulette Weiner Weil Jacqueline Diane Weisman MARILYN CLARK WHITE LINDA ANN WILLIGER JOANN WLODARCZYK, HONOTS JUDITH ZINDARS WOOD GRETCHEN WOOLLEY LINDA LOUISE YONTZ CATHERINE ANNE ZALECKI MARY JOSEPHINE ZEHNER MARTHA CRIMI ZIMMERMAN Fern Bergman Zipkin MARY ANN MILLER ZUPKUS

In Industrial Education

ANTHONY DECOSTA ASH PETER OTTO BOLINE ROBERT LAWRENCE CABEEN FREDERICK DEAN GAMMON JOHN CHRISTIAN JACOBS CHARLES ROBERT KAY DONALD ROY MCLEOD, JR. Education Richard Allen Patterson Paul Richard Searls Phillip Anthony Smith Robert Edward Switter Peter Duane Vanderkloot, Jr. Kenneth Bernard Weyand John Robert Wonsowicz

## In Secondary Education

CAROL HELEN ANDERSEN HARVEY ALLEN BANNER Myra Beth Barkan MARTHA SUSAN BELL Linda Jean Benedick DORIS MAE BUCKMAN, HONOTS JOHN GILBERT COLSON James Gary Dale Elizabeth Mayer Eertmoed Roberta Lynn Green JULIA LYNN GREGORY JANIS LEE HAMILTON PAUL QUINN HELFORD SUSAN DIANE HYNDS, High Honors Edward LeRoy Kettley Dorothy Ann Kozuszek, Honors JACQUELINE RAE LEWIS, Highest Honors DIANE MARIE MACH PAMELA RUTH NELSON

JOHN RICHARD NIEDERBRACH CATHLEEN JANE O'CONNOR DIANE MARIE OLSON, HONORS JAN PATRICK PADEN DIANE MARIE PALMQUIST, HONOIS KAREN SUE REARDON MARY ELLEN SCHAEFFER Gordon David Schulze Nancy Louise Sieracki CHRISTINA ROTH SMITH WAYNE DOUGLAS SPORTSMAN JUDITH CARLENE STALEY, High Honors REBECCA ROWE WALKER Lynne Groner Weiss Marilyn Sue Weiss Debra Naomi Weissman FRANK PROUT WOOD RICHARD C. YORK ARNOLD MICHAEL YOUNG

## COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

### Degree of Bachelor of Science

#### In Accountancy

WILLIAM FLOYD ANDERSON EDWARD ANTHONY BAYER, JR. BRUCE ALAN BEHRSTOCK TERRY MICHAEL BLANCHARD WILLIAM LEWIS BROOM III COLIN KELLY BRUMMET, HONOTS CAROLYN TRIPPEL CARTER LOUIS FRANCIS CERVERA LAWRENCE MICHAEL COHEN DONALD JAY CRUM JEANE KAY DANHAUS EMMETT BUNCH DAY, HONOIS

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TIMOTHY LEE FASS PATRICIA LOUISE FRIEDMAN GORDON NEAL FUCHS MARK STEVEN GESSE LOWELL WALTER GIFFHORN JOHN MICHAEL GRAHAM, HONOTS JOHN HOBART GRAVES GENE DOUGLAS GRIMES FRED DAMON HARRIS LEE HARRIS RONALD HINDIN, HORORS BARRY OWEN HINES BRUCE JAMES HOFF DOUGLAS PAUL HOFFMEYER JOHN LEE HOPKINS JOHN ROBERT HOPTON LAWRENCE IAN IGLOW LAWRENCE BURTON IRWIN ROBERT PAUL ISAACSON, High Honors DAVID RAYMOND JONTES Eric Berthel Jorgensen Barry Evan Katz MARK STEVEN KIPNIS JAMES EDWARD KOENIG, HOPOTS Leslie Bruce Kromer THERON RAHN KUFAHL, HONORS NATHAN NED LEIKEN THOMAS EDWIN LEMNA ROBERT ALAN LEWIS MICHAEL BRUCE LINDSAY PHILIP EUGENE LOVELL William Scott Lyman Charles James Lynch DIANE DOLORES MARCHETTA WILLIAM E. MASON, HONORS GEORGE STEADMAN MCCLURE, High Honors JAMES DELOS MCDONALD, JR.

James Thomas McGuire John William Meara Sheryl Luhr Metzger EUGENE HAROLD MILLER RONALD WILLIS MILLS GARRY MICHAEL MOEBS GARY FRANCIS MUELLER ELIZABETH ANN MULGREW, HORORS HAROLD BERNARD RAKERS DANIEL STEPHEN RUDMAN JAMES FRANCIS SCHMIDT Donald Harold Seaman CLARK WILLIAM SEEFELDT, HONORS BARRY MICHAEL SLAVIN Joseph Anthony Stojak STEPHEN DALE TAYLOR Ronald Everett Teague Lee Harris Tockman ROBERT BRUCE TOWNER JAMES DANIEL VALERINE THOMAS JOHN VAN HAZEBROECK RAYMOND SIDNEY VENUS Jean Carol Vercimak Terry Paul Viar LEONARD DEAN VINES, HONORS GARY JAY WALDBUSSER, HONOTS TERRY WAYNE WALKER, High Honors RONALD LYNN WEINDRUCH GLORIA JEAN WELCH JEFFREY MESIROW WESTON, HONOTS WILLIAM THOMAS WILTON JOHN ALAN WINKLER Donald Anderson Wood KENT MARTIN YAUCH GARY MICHAEL YEAGLE KATHERINE JUDITH YESLIN, HONORS LAWRENCE FRANK ZABINSKI DANIEL JOSEPH ZIMMERMAN

## In Commercial Teaching

### In Economics

ALEX MICHAEL ABATE DAVID JEFFREY DORNE, HOHORS ALBERT LOUIS GREENBERG CHARLES RAYMOND HAIN, HOHORS LESLIE LAWRENCE LARSON, High HOHORS

JO ANN TROJANIAK, HONORS

THOMAS HENRY STURROCK STANLEY ARTHUR THOREN, JR. LESTER WALL MICHAEL THOMAS WOLFE

### In Finance

BARRY BRIAN ANDERSON, High Honors	Kurt Alan Genteman
ROBERT JOSEPH BEYERS	THOMAS PATRICK GULLEY, HONORS
HOWARD LESLIE BRADLEY, JR.	GARY CHARLES HEISE
GARY ALLAN BROOKS, HONORS	Steven James Henke
TERRY EDWARD BRUMMER	PAUL HARVEY HENSEL, High Honors
PATRICK MAURICE BURNS	CHARLES HARVEY JACKSON
DANIEL ELMER CAVANAUGH	FRANK STANLEY KOZIOL, HONORS
John Edward Cline	KENNETH STEVEN LIBKIN, High Honors
Rocco Eugene Crowley	Jon Alan Lindhjem
RICHARD OREN ERDMANN, High Honors	James William McMackin
GEORGE WILLIAM GAU, High Honors	Ronald Charles Moonin
Dennis Romain Gay	Kenneth John Musil, Honors

 RONALD GENE PETERS
 T

 EDMUND RICHARD POWELL, JR.
 V

 DONALD HENRY RATNER, High Honors
 A

 WILLARD LLOYD ROSS
 Ja

Gerald Eugene Schuff

JAMES PATRICK KEHOE

THOMAS HOWARD SCOVILLE WILLIAM LEE SUMMER, HONORS Allen Jay Sylvan John D. Zeglis, Honors

In Industrial Administration

KENNETH JAMES BABIKAN TIMOTHY CHARLES DADANT KENNETH DEE TERRY LYN EVANS PAUL EDWARD GREVE MARY JANICE GROW DONNA LYNN GUZLAS BRUCE FREDERICK JAMESON ROY EDWARD JOHNSON, JR., High Honors JOHN JOSEPH LANE DAVID RALPH LLOYD ERIC WILLIAM LUDWIG GLEN ANTHONY MADUZIA RONALD CHASE MCCARTNEY JOHN EDWARD MOYER DON CHARLES PERRIN II RUSSELL ALAN RINGL JEROME JOSEPH SCHLICHTER, HONOTS RICHARD IRVIN SHRODE TOM GEORGE STANFORD, High HONOTS BILL ALLEN SWENSON WILLIAM KENT TUCKER WILLIAM JUDSON ULRICH KERMITH WERREMEYER NEAL THOMAS WILER BRUCE ELLIOTT WILSON SANDRA PHYLLIS ZEMM

In Management

Robert Lee Shymansky

In Marketing

VICTORIA AGHETTA PETER STUART BLACKWOOD JILL BOUGHNER RAYMOND GERALD BURTON HIRAM CLIFFORD CAMMON II RICHARD ALLEN CARLSON STEPHEN CONSTANTINE COSMAS RICHARD LLOYD CRUSIUS JACK MARTIN FREDRICKSON JULIE LOUISE GENTES JONATHAN PRIESTLEY GIBBS JAMES ALLEN KACH KENT PARKER KASSERMAN RICHARD JOHN LUTZ, HIGH HONOIS JAMES ROBERT MCGREEVY EUCENE HERBERT MEYER THOMAS JOSEPH PALLEVA MARTIN JOHN PLUTH SUSAN GALE POCHYLY DAVID FRANCIS PRINDABLE THOMAS ARTHUR REED JAMES ARTHUR RENNICK YVONNE CHARLOTTE REUBEN THOMAS LEONARD SAUER ALLEN JAY SCHAEFFER HOWARD STEVEN SCHNEIDER WARREN RAY SCHREIER STUART SENESCU JOSEPH WILLIAM STEFAN CHARLES SIDNEY SURITZ FRANK GEORGE TABOR IRENE MARIE THOMPSON CLIFFORD JAMES WENZ WILLIAM CRAIG WINTER, HONOFS

## COLLEGE OF COMMUNICATIONS

#### Degree of Bachelor of Science

In Communications

JAMES MICHAEL AARON JANE ELLEN ADAIR, HONOIS RICHARD CLARK ALLEN KATHLEEN JUNE ARNEY CRYSTAL CAMILLE BELL, HONOIS BARBARA JEAN BERZINSKI LINDA ANNE BLACK CATHERINE JOHNSON BLAN JANET MARIE BLANDA JUDY ELLEN BLASDELL MICHAEL BROWNIE BOLIN BRIAN ALAN BRAUN THOMAS HARL BROCK, HONOIS JAMES CLARK BRUBAKER MARSHA JILL BURNS WILLIAM JOSEPH BUSH MILDRED ARLENE BUSSE DARRELL JOSEPH CORCORAN, HONOIS LEE FORREST CRUMBAUGH CYNTHIA JOY DAMES PATRICIA ANN DAVIS NANCY LOU DAY, HONOIS ROSALIND LAMONTAGNE DEETER SUSAN MARGERIE DE LISLE RITA RAE DICKIRSON TERRY WAYNE DILLMAN DENNIS JAMES DIMOND JAMES JOSEPH EVERSOLE

JAMES PAUL FAY LEE MYRON FINKEL KATHLEEN ANN FLENTGE GISELA CHRISTINE FLORCZAK LEROY VINCENT FOLEY, JR. KARL BYRON FRETZ ROBERT ROY FRUMP ROBERT WALTER GESKE MARK ALAN GLASS DONALD RAY GLOVER Ellen PAULA Golden, High Honors STEPHEN DOUGLAS GOLDEN, JR. KATHLEEN TERISA GRAGLIA MARGARET YVONNE GREEN MICHAEL PHILLIP GUERIN CHARLES LEE HABICH SANDRA KAYE HAIDER CAROL JEANNE HANSON, HONOIS DONALD JAMES HEIMBURGER JOHN ALAN HELFRICH KENNETH DAVID HOPKINS Linda Ann Java WILLIAM GUY JEGL, HONORS JOHNSON KANADY III ANN JEANINE KERR DAVID LEON KLEHR, HONORS CHRISTINE ANNE KOEBRICH LETITIA LYNN KRASINSKI VALERIE KUSSLER KATHLEEN MARIE LARSON, High Honors WILLIAM ANTHONY LEDGER MARY TAYLOR LEGG LINDA HOFFEE LOBDELL ROBERT CRANDALL LORD SHARON LYNN MAKI Alice Elaine Martin Dennis Dean Maurizi CAROL JOYCE MCGOVERN JEFFREY COLE MERRICK JOSEPH MICHAEL MEYER TERRY PIGG MICHAEL LESLIE FAIR MONYPENNY MAUREEN ELAINE MOORE

SUSAN WETHERILL MORRIS Elaine Marie Munson Rosetta Murray ROBERT ALAN NATHAN BARBARA MUENCH OATES GREGORY JAMES OBRZUT, HONORS JUDITH ELLEN OSTERBACH, High Honors NANCY JO PETERSON LAWRENCE GERARD PETRI Roanna Anne Petrie MARSHALL EVERETTE POOLE, HONORS LEONARD CHARLES PRAZAK Susan Marie Quill, Honors DIANNE ELLEN RAHN Joseph Stephen Rank Thomas Paul Rossi GARY NEIL ROWE SANDRA JEAN ROWE GERALDINE MARIE RUDNICK GAY LEE SCHLACHTER, HONORS Sondra Carol Schlade GARY LEE SECOR JUDITH BARBARA SHAPIRO DAVID JAMES SHAVER GERALD EDWARD SMITH MARY LORETTO SMITH JUDITH TANNER SPANBAUER, HONORS JUDITH TANNER SPANBAUER, HONORS LINDA SUE SPENCE VICTOR CHARLES STONE JULIE KAY STROM, HONORS EDWIN JOHN THOMPSON EVELYN NANCY VIDA KAY JANICE VOGT Steven Ray White John Louis Wielt, Jr. Margaret Burke Wietecha MARY OLSON WILSON ROBERT HARRY WILSON JOYCE CAROL WINER HOWARD NEIL WOLINSKY, HONORS KENNETH ELMER YEDNOCK, HONORS MAUREEN CAROLE YOUNG

# COLLEGE OF FINE AND APPLIED ARTS

## Degree of Bachelor of Architecture

Richard Conrad Anderson Barry Berg Melvyn Charles Bernstein, Honors Lynn Harlan Boeke John Helmut Bogner David Ernest Brossart, Honors Yong-Chol Chyun, Honors Thomas Stewart Diehl David George Doob Frederick Joseph Ebeling Thomas Paul Fenoglio Brian Kent Ferguson Robert Charles Fink Walter Jacob Frick Paul Louis Gallis CARL JAMES GLASER FRANK LOUIS GORMAN CHARLES ROGER GUEST DAVID BRUCE HAYES JOHN HAROLD HEIDMANN LAWRENCE JOSEPH HUMPERT LLOYD ALVIN JUKKOLA, HONORS DENNIS WALTER KRAUSE, Highest HONORS JOHN PETER LAMPROS MARK K. LUCAS ALAN GREGORY MARN, Highest HONORS REGINALD JOHN MARZEC JAMES MICHAEL MATARELLI GARRY WALTER MCMURTREY

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WILLIAM LEONARD MCQUEEN DWIGHT ALLEN MEY JAMES ROBERT MORGAN, Highest Honors JOHN CHARLES MURPHY WILLIAM RALPH MYERS JOHN JOSEPH NEILS, JR., HONORS CHARLES JOSEPH NELSON BRIAN JOHN PAPE ANDREW HOWARD PAWLAN KENNETH LEE POOLE RICHARD DAVID ROSE MICHAEL LEE SAGETT PETER JAMES SCHUYLER, HONORS THOMAS HASER STRUHS, High HONORS MICHAEL HARRIS THOMPSON KARL SEYMOUR THORNE JOHN GARRETT THORPE WILLIAM BOWER MITCHELL TRACY III JOHN RICHARD VALKO GRETCHEN BOHM WESENBERG RICHARD LYLE WESENBERG GORDON ALLEN WILKINS THOMAS EDWARD WILSON THOMAS FREDERICK ZIMMERMAN, Highest Honors

## Degree of Bachelor of Arts

In Dance

LINDA JO METHENY, High Honors

## Degree of Bachelor of Fine Arts

In Art Education

WENDY ILLENE ABRAMS PATRICIA CHRISTINE BROWN, HONOIS GLADYS SORENSEN CARSON DEBORAH DEEGAN, High HONOIS SUSAN JO HANSON BETTY GOODWIN INGOLD, HONOIS BARBARA CLARE LOUIS, HONOIS PATRICIA SUE NEAL SHARON RENEE PETERSEN RAE LYNN SCHNEIDER JOAN RHONWYN SCHROEDER, HONOTS SUSAN KAY SINGLEY, HONOTS JEAN ANN SVOBODA, HONOTS CHERYL LYNN VENET, High HONOTS BARBARA JO WALDORF, HONOTS KAREN LOUISE WALLIN DENNIS ALLEN WESTHOUSE

### In Crafts

THOMAS RUSSELL BENNETT III, HONORS LINDA ANN BURGIN, HONORS LANE COULTER SANDRA DUNCAN KLYNSTRA, High Honors LORE PIECK LEES, HONORS WENDY OSTRANDER SUZAN MILDRED PAULAUSKY, High HONORS

#### In Graphic Design

SUSAN TROMBLEY ALMON, HOPOTS Brian Edmund Bourke, Honors Martha Anne Cerda JUDY ANNE CONDON JACK WARREN DAVIS **JUDITH SUSAN DIAMOND** Christina Lynn Drachman, High Honors GARY MICHAEL DUTRO JANICE BONITA GERDING, HONORS Joseph John Giacalone GAIL ELLEN GRIGSBY Susan Jo Hantman Sheila Lynn Heller THOMAS WAYNE HUNT DARLENE JOYCE KRAMER, Highest Honors CAROL HASSELBACHER LAMOS, HONORS FRANCIS PATRICK LASALLE

MARY JOAN LINK, High Honors Morris Hugo Maitland Lynda Cole Milio **JEANNE YVONNE MITA** RENAY MORRIS PATRICIA ANN O'CONNOR JUDITH LESLEY PRICE JOHN BRIDGES RANDLE MADELEINE LOUISE ROUSSEY, HONORS KAREN SZCZEPKOWSKI SHIPLEY, High Honors NANCY BARGER SILLETTI CHARLOTTE PULLMAN SMITH JANE CARLISLE STAUB CHRISTINE RUTH THOMSON BARBARA MARIAN WASSERMAN, HONOrs KATHLEEN SUZANNE WOZNIAK CAROL IRIS ZIMMERMAN, High Honors

In the History of Art

KANDY KAY HARDIN, HODORS

## 538

### In Industrial Design

JEFFREY DARRYL BRANSKY John Douglas Essex STANLEY LAWRENCE FUKA DENNIS WALTER GANSKI JUDITH MARY KRAWCEWICZ RICHARD FREDRIC MAUL NICHOLAS ANTHONY PANN ALFRED WILLIAM RICHART WILLIAM LEE WELKER MARK FREDERICK WILSON

## In Painting

CAROLINE ANN CAMPBELL, HONOTS LEE ROY CHESNEY III CAROL ARIAN COOPE FRANCIS ALDEN DUNNINGTON II MARY ANN FABBRI, Honors DORCAS MOULTON GRUCZA, High Honors LAWRENCE ANTON HEYDA, High Honors CARLA JEAN HOUSE, High Honors STEPHEN JOHN KASTNER

LINDA FURNISH KOLMAN MICHAEL LEE KRONE, Highest Honors JUDY FINLEY LACOMBE, HONORS LESLIE ROBERT LEWIS NANCY WEN-JEN LING JEANNE PATRICE MACHMER IRVING THEODORE PATT NANCY ELEANOR SCHERER JANIS ELAINE SHEARER, HONOTS SUSAN LYNN SILVIS NORMA FRANCIS VAN SELOW

## Degree of Bachelor of Landscape Architecture

NATALIE BOYLE ALPERT, High Honors JAMES FLOYD ARNOLD HAROLD FRANCIS BARNHART MARC CAMERON FRAZER, HODORS JOHN PHILIP GUTTING, JR. Leigh Cole Harmeson DANIEL ALFRED CARL LINDBERG, Honors CHARLES EDWARD MANGUM

RAYMOND DEXTER MARSHALL WAYNE DELPHO MUCCI John Michael Ryan Steven Esteban Sagucio DALE EDWARD SISKA DONALD WARING STOCKS, JR. Ralph David Voris Nanne Sue Wollmann

## Degree of Bachelor of Music

MICHAEL ELKAN BIELSKI, HONORS PATRICIA ILIKA BLACK, HONORS Jack Edward Cunningham GREGORY RUSSELL DAVIS, Highest Honors ANDREA RUTH EEN, Highest Honors GWEN GOLDSMITH Etta Maria Green

CHERYL GWEN HAMMA, High Honors Ellen Louise Hoffman Nina Vacketta Pinzarrone, Highest Honors Jerry George Tessin ELIZABETH KAY WERNZ, High Honors ELAINE BEATRICE ZEIGER

## Degree of Bachelor of Science

In Music Education

- DOREEN CECELIA BAILLARGEON
- NEALE KING BARTEE, Highest Honors
- BARBARA BECKMEYER

LINDA KAY BIBB

- WILLIAM MITCHELL BLACK, HONORS
- JO ANNE BOWEN, High Honors
- MICHAEL FRANCIS BRICKEY, High Honors
- BARBARA JEAN BROCK-JONES, HONORS
- FERNANDO RICHARD CAMPOS
- JACQUELINE SUZANNE CHINELL, Highest Honors
- LAURA HILLENE CHRISTENSEN, High Honors
- THOMAS ARTHUR CRANE, Highest Honors
- ERIC MICHAEL CUNNINGHAM, HONOIS

PAMELA YOUNGDAHL DOLAN, Highest Honors DOROTHY JEANNE DUPREE, High Honors JANICE ANN EDGAR, High Honors Michael Dennis Fagan CLEVE WILLIAM FENLEY, Highest Honors JANICE SAPPENFIELD FISHER KAY LORRAINE FISHER, HONOTS JANICE GAY FORMAN, High Honors GWYNNE HOOKANSON FRENCH MIRIAM SUSAN GORDON, Honors KAREN LEE HARDY JANE CAMILLE HERMAN, High Honors

- Linda Kay Johnson, Honors Mary Ann Johnson

ROBERT DUBOIS JORGENSEN, HONORS MARGENE KIRKWOOD, High HONORS GREGORY EUGENE KNUTSON, HONORS KENNETH THEODORE KOSCHE, Highest HONORS ELIZABETH ANN KUEHN THOMAS JOHN LOIS DAVID FREDERICK MAMMINGA, HONORS DIANE ELIZABETH MANN, Highest HONORS JAMES KENNETH MARCUM, HONORS ROBERT EUGENE MARTIN DENNIS RAY MELHOUSE, HONORS CAROLE JEAN MITTS, High HONORS MARGARET MAXWELL MORRISON, High HONORS

JOHN MCDOWELL PATTON III, High Honors BONNIE ROGERS RHEA, Highest Honors BARBARA LEE ROLLINS, Highest Honors LINDA JEAN SCHULTZ, High Honors RONALD LEE SIEBENTHAL, High Honors GARY LEE SOERENSEN CAROL LEE STUTSMAN DAVID ROY SWANSON, HONORS ELEANOR ELIZABETH THORNLEY, High Honors RONALD WAYNE TUTT LU LORRAINE UNUMB, Highest Honors LINDA KATHERINE VANA KAREN JULIA WHISLER, High Honors JUDITH FULTON WHITE, HONORS

In the Teaching of Dance

Josephine Hoffberg Deborah Ann Johnson, Honors Karen Sue Kilberger, Honors Dawn Melodee Lauer, Honors Melissa Marie Mehall Linda Jean Monken, Honors Jackie Sue Radis Kaye Adelle Ridgway

### Degree of Bachelor of Urban Planning

JACK E. BOOKWALTER STEPHEN ROBERT DICE, HONORS JOSEPH ELLIS HARRIS STEVEN JAY HOLLAND YORK LEE PHILLIPS John Lloyd Raynolds, Jr. Alice Jeanette Sanders, Highest Honors Gilbert Alan Wagner

## COLLEGE OF PHYSICAL EDUCATION

### Degree of Bachelor of Science

In Physical Education

Myra Vee Adelman MARGARET HELEN ATOLS, HONORS BETTY MAUREEN AXELSON CAROL ROSANNE BARTH Judith Lee Beckman Susan Lee Burrouchs, Honors WILLIAM LARRY COLBRESE, HONORS SUZANNE LEE CRANE, HONORS THOMAS FRANKLIN CRUM CHARLES ALAN DAVIS MARILYN STIMSON DAVIS Jean Alice Dickerhoof Cynthia Eagle Peter Albert Ebner Willis Eugene Fields, Jr. JACQUELINE ANNE FRANCIS, HONORS Renee Suzette Goier NANCY KATHERINE GORE KENTON ALLEN HALL, JR., Highest Honors MARY LOU HAWKINS MARY ELLEN HOLQUIST, HONORS NATALIE SHANE INGRUM BILL CHRIS JANECEK HERSCHEL EDWARD JOHNSON, JR. LARRY ELBERT JORDAN RAYMOND EDGAR KITTENDORF

DONNA LYNNE KORDA, HONORS

TARA KIM KOST, High Honors BARBARA LYN LUCAS, High Honors BRUCE LESLIE MAURER, High Honors MICHAEL PATRICK MCDONOUGH Edith Anne Mose, High Honors Robert Andrew Naponic WILLIAM STANLEY NOWAK MAYBELLE KAYE OAKWOOD, Honors DENNIS STEPHEN PACE MARY WIERTELAK PHILIPP RANDALL RENE RODGERS, High Honors MICHAEL FRANK RUDNICKE DEBORAH ELIZABETH RUFF, High Honors CAROL JEAN SCHMITT MARILYN JOAN SERENCO MARJORIE ELLEN SHANE MAUREEN EVELYN STANKUS, HONORS SANDRA ANN STELMACH, HONORS Jeffrey Charles Trigger Ronald Lee Veenstra RICHARD CHARLES WELZIEN Edward Leo Werner III Aleita Hass Winter, Honots BARBARA LOUISE WOODUL CAROL LYNN WORK JOHN WILLIAM WRIGHT, HONORS

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### In Health and Safety Education

RICHARD ANTHONY ANDERSON

PATRICIA MARIE SKUBISH, High Honors

## In Recreation

KAROP TOROS BAVOUGIAN MARILYN LAMDEN BAVOUGIAN, High Honors George Melvin Harvey Phyllis Ellen Huss Judith Kerch Janet Dorothy Kuhlman, Honors Frank Richard Masko Sherry Lyn May Judith Lee McIntosh Jerin Barbara Mueller Cynthia Christian Nafziger Judith Ann Purdes Terese Ann Retondo Steven Albert Riser Mary Ann Saferstein Valerie Peck Sperling John Robert James Weakley

## COLLEGE OF VETERINARY MEDICINE

## Degree of Bachelor of Science

In Veterinary Medicine

MICHAEL RAYMOND ADAMS GRACE MARY BENINGO G. John Benson JAMES ALLEN\_BOLLMEIER SHERRY DEE BRUNNER Judith Jane Burke GEORGE ROBERT CAMPBELL THOMAS HENRY CHAMPLEY HARVEY DEAN COBB III DANIEL BISSELL DOYLE ROGER ALAN DUPUIS, HONORS WALTER PAUL DZIEN, High Honors ROBERT ARTHUR EIERMANN, High Honors LARRY LEE FETZER JOHN BERNARD FINLEY JANE ANN FRAZIER JONATHAN WAINWRIGHT GREENFIELD, Honors RICHARD TED HAUSER CHARLES JOSEPH HERTICH Ross Edward Hugi James Robert Hume WAYNE DAVID HURLIMAN Edward Richards Irwin II Ronald Jerrold Kleiman Joanne Ruth Kopplin, Honors RONALD PHILIP KOPPLIN, HONORS Roxwell Joseph Lakota II Edward A. Leonard Donald Lee Lepp HOWARD CHARLES LEVINE

CHARLES EDWARD LOTZ ROBERT GENE LUNT CHARLES CARTER MATTHEWS Phillip Martin McKinney DEAN LEROY MOENTMAN Thomas William Myers Ronald Steven Nord GLENN HOWARD OLSEN KEITH MARTIN OLSON KENNETH RAYMOND PAGE, HONORS KENNETH DAVID PHILLIPS STEVEN BLAIR PRITKIN DONALD NIEL RASMUSSEN LEONARD ALAN RAY PATRICK HARLAND RODEN NEIL ARTHUR ROSEN ROBERT EDWIN SCHLEEF STEVEN LEE SCHMIDT RICHARD HAROLD SCHULTE JON PETER SCHWIESOW NORMAN LESLIE SHETTEL Alan John Smithe Rodger John Snodgrass IACK EPTON SNOW LARRY DALTON STOUT TIMOTHY LEE STOUT LEWIS POTTER THOMAS, JR. LONA JANET WATSON LEWIS ALAN WHITT LARRY RUSSELL WOODCOCK **JEROME EDMUND ZIMKA JOHN LYLE ZIMMERMANN** 

### Degree of Doctor of Veterinary Medicine

BRIAN ELMER ALBERS HERBERT LEE AMYX MARTIN DAVID AVOLT LARRY DALE BAKER MELVIN WALKER BALK DWIGHT LEE BECKER WILLIAM PAUL BISCHOFF CHARLES RAYMOND BOYCE ROBERT VICTOR BOYER DANIEL PATRICK BOYLE PAUL BROMBERG WALTER BRUNO, HONOFS DAVID NICHOLAS BUSSAN RICHARD EDSON CALHOUN ROBERT EARL CARLSON LAUREN EDWIN DUNAWAY, HONOFS EDWARD CONSTANTINE FLEISCHLI, JR. EDGAR ROBERT FOLKERS, JR.

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JOSEPH MICHAEL FROST Leigh Gary Gass PAUL MICHAEL GOLDMAN RICHARD PAUL GREEN Bernard Harvey Haberman STEVEN PHILIP HADAWAY WALTER CURT HAGELE LARRY ROSS HEDRICK JAYNE SUMMERS HOAGLAND ROY GORDON HUBERT ROGER LEE HUNTER JAMES LOUIS JOHNSON PAULA STEEN JOHNSON ROGER ALLAN JOHNSON BRIAN WALTON JONES MARC DAVID KANTROWITZ Arthur Daniel King PHILIP STEPHEN LARUSSA STEVEN JON LEGEL JANE GOIN LEHR FRANCIS EUGENE LYNCH PAUL DAVID MARTIN Susan Redman McLellan RICHARD ALLEN MCMULLEN, JR., High Honors GLENN ELDON MCNARY

TERRY DEAN MESSAMORE BERNHARDT ALLEN MEYER STEVEN NUSBAUM RAYMOND GEORGE PRATA Adam Anthony Prymula LAURENCE WILCOX REED RICHARD JAY ROSSMAN **IIM ALLEN RUPNOW** GARY LLOYD SALISBURY JAMES KEMBER SANDERS John Paul Sepesi Lloyd Marvin Shaw JAMES LOUIS SPICER DENNIS ANTHONY STACHMUS JAMES MONROE STEVENSON IV STEVEN GABRIEL STOLL GARY LOUIS SWINGER DONALD LEE TURSMAN ROBERT IRWIN VALENTINE, JR. Michael Stanley Noble Walters Dennis Michael Webster WILLARD LEE WILKE Walter Dennis Wilkey BRUCE ALEXANDER WILLIAMS CLIFFORD BENJAMIN ZIEGENHORN, JR. MARTIN VICTOR ZIPKIN

## SECRETARY'S REPORT

The Secretary presented for record appointments to the faculty made by the President; declinations and resignations; leaves of absence; and retirements. A copy of the report is filed with the Secretary.

## ANNOUNCEMENTS FROM THE PRESIDENT OF THE BOARD

President Hughes called attention to the schedule of the next three meetings of the Board: July 23, 1969, in Urbana (having been changed by the Board from July 16); September 17, 1969, at Allerton House in Monticello; and October 15, 1969, at the Dixon Springs Agricultural Center, Simpson.

## EXECUTIVE SESSION

The President announced that an executive session had been requested and was being ordered for consideration of reports and recommendations relating to personnel items and pending litigation.

On motion of Mr. Clement, the Board recessed for ten minutes.

When the Board reconvened, the following reports and recommendations from the President of the University were presented and considered.

## RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE

(34) The University Patent Committee, with the concurrence of the Chairman of the University Research Board, submits the following reports and recommendations relating to patentable inventions by members of the staff.

1. Sampling probe with isokinetic balancing -L. Cheng, Research Assistant in Mechanical Engineering, Urbana, inventor; developed under the sponsorship of the Detroit Edison Company. A precise isokinetic device for sampling of airborne particulates under the varying conditions of the carrier gas velocity which exists in normal field operations was developed. The probe assembly provides two independent functions: to match the isokinetic condition and to measure the carrier gas velocity. The first function is obtained by combination of two quite similar hollow 1969]

chambers each of which is furnished with a velocity indicating device; these are the novel ideas. The second function, obtained by a single hollow chamber, comes from the notion of Shapiro and Dursourd.

The Committee recommends that the rights of the University in this invention be assigned to the University of Illinois Foundation for study and possible patent application.

2. Modulated impedance feeding system for log-periodic antennas — P. G. Ingerson, formerly Research Assistant in Electrical Engineering, Urbana, and P. E. Mayes, Professor of Electrical Engineering, Urbana, inventors; developed under the sponsorship of the Air Force Avionics Laboratory. The purpose of the invention is to produce a simple broadband feed system for log-periodic antennas. The feed is to be free of transpositions of transmission line conductors so that it may be used for monopole arrays, slot arrays and other antenna systems where transpositions are difficult or impossible to achieve in practice. The proposed feed system offers a simple, effective method of feeding broadband radiation structures. Its new feature is the introduction of log-periodically spaced impedance modulation of the feed line.

The Committee recommends that the rights of the University in this invention be assigned to the University of Illinois Foundation for study and possible patent application, subject to the rights of the sponsoring agency.

application, subject to the rights of the sponsoring agency. 3. Antenna with distributed active elements — P. E. Mayes, Professor of Electrical Engineering, Urbana, and Andrew J. Poggio, Research Assistant in Electrical Engineering, Urbana, inventors; developed under the sponsorship of the Air Force Avionics Laboratory. The invention is an antenna which consists of segments of electrical conductor connected by one-port electrical circuit elements, at least one of which is active. Alternatively, the antenna may take the form of a narrow slot cut in a sheet of conducting material and having one-port electrical circuit elements connected across the slot, at least one of which is active. In the preferred embodiment, one or more active elements have impedance versus frequency characteristics which, over some frequency bandwidth, correspond to the conjugate of the impedance of a passive network. The effect of these elements is to increase the phase velocity of the wave along the conductor or slot and enhance the loss due to radiation from such waves. The resulting antenna has a terminal impedance which remains remarkably stable over a very wide frequency band.

impedance which remains remarkably stable over a very wide frequency band. The Committee recommends that the rights of the University in this invention be assigned to the University of Illinois Foundation for study and possible patent application, subject to the rights of the sponsoring agency.

4. Vaccine against disease caused by nematodes pathogenic in vertebrates — Paul H. Silverman, Professor of Zoology and of Veterinary Pathology and Hygiene, Urbana, Henry L. Scott, Research Associate in Zoology, Urbana, Man-ford E. Mansfield, Professor of Veterinary Extension and Veterinary Research and of Veterinary Pathology and Hygiene, Urbana, Nail H. Ozerol, Research Associate in Zoology, Urbana, and Helen S. Levine, formerly Research Associate in Zoology, Urbana, Helen S. Levine, formerly Research Associate in Zoology, Urbana, inventors; developed under the sponsorship of the United States Public Health Service; Merck, Sharp and Dohme; Eli Lilly; and Moorman Manufacturing Company. This invention concerns a vaccination procedure for the prevention of disease caused by pathogenic nematodes parasitic in domestic animals and man. The process has special application to those helminth parasites which suck the blood of their hosts, e.g., the stomach worm of sheep and hookworm of man and dogs. The procedure involves the use of non-living antigens prepared from the somatic and metabolic nematode products which are harvested from in vitro cultures of the parasites during their antigen-producing (histotropic) stages. These antigens, either in an unaltered state, or after lyophilization, purification and fractionation, may be used, with and without adjuvants, to enhance the stimulation of immunity in host animals. An essential feature of this procedure is the inclusion in the vaccine preparation of injectable iron in either the ferric or ferrous state or the provision of an oral iron supplement to aid in the support of the meopoietic (red blood cell producing) system. It should be pointed out that parasitic organisms against which this method may be potentially effective are widespread pathogens in both temperate and tropical countries and the diseases associated with these helmiths are of considerable economic and health importance in both veterinary and human medicine.

The Committee recommends that the rights of the University in this invention be assigned to the University of Illinois Foundation for study and possible patent application, subject to the rights of the sponsoring agencies.

5. Preparation of new antibiotics employing mutant organisms — Kenneth L. Rinchart, Jr., Professor of Chemistry, Urbana, W. Thomas Shier, formerly Fellow in Chemistry, Urbana, and David Gottlieb, Professor of Plant Pathology, Urbana, inventors; developed under the sponsorship of the United States Public Health Service, National Institute of Allergy and Infectious Diseases. The purpose of this invention has been to produce a mutation in an antibiotic-producing microorganism which will prevent the organism from producing the antibiotic in the absence of a particular portion of the antibiotic, but which will allow the organism to produce the antibiotic in the presence of that portion of the antibiotic. An effort was then made to substitute other compounds for that portion of the antibiotic now required for antibiotics. New antibiotics have been produced employing a mutant of *Streptomyces fradiae* which can not synthesize the deoxystreptamine component of neomycin but which can produce neomycin in the presence of added deoxystraptamine and new antibiotics, the hybrimycins, in the presence of added streptamine and postpreparation.

The Committee recommends that the rights of the University in this invention be assigned to the University of Illinois Foundation for study and possible patent application, subject to the rights of the sponsoring agency.

6. Tumoricidal effect of magnesium pemoline – Hoa LeVan, Assistant Professor of Medical Radiology, Medical Center, inventor; developed under the sponsorship of Abbott Laboratories. Magnesium Pemoline (Cylert), a central nervous system stimulant was discovered to possess a highly significant tumoricidal effect against Ehrlich type tumor with or without the additional effect of irradiation. The radioprotective effect of this agent was previously reported (patent pending). The tumoricidal effect of Magnesium Pemoline was found most optimal when administered alone to the tumor size at an acceptable pharmacotherapeutic dose of 14mg/kg. Viability tests showed that the tumor cells treated with this drug at the above dose for a period from one to three weeks are significantly less viable and reveal no evidence of malignancy when compared to the control untreated tumor cells.

The Committee recommends that the rights of the University in this invention be assigned to the University of Illinois Foundation for study and possible patent application.

7. Electronic resolver using switched-polarity integration with applications to frequency modulation — Duane H. Cooper, Associate Professor of Electrical Engineering and of Physics and Research Associate Professor in the Coordinated Science Laboratory, Urbana, inventor; developed under the sponsorship of the United States Army (Joint Services Electronic Program). The invention is of an electronic resolver in which a phase-rate signal is subjected to polarity switching in such a manner that a pair of waveforms exhibiting a sawtooth-function dependence upon phase are generated by electronic integration. The polarity switching is governed by the polarity of the waveforms so generated, which waveforms are then readily transformed to conform to sinusoidal and cosinusoidal shapes. Applications are the functioning as a frequency-controlled oscillator and the frequency modulation of separate stable-frequency oscillators.

The Committee recommends that the rights of the University be released to the inventor, subject to the rights of the sponsoring agency.

8. Heat flux tube — S. L. Soo, Professor of Mechanical Engineering, Urbana, inventor. For effective removal of heat from a long body such as an underground conduit for electrical power cables which might have a cross-section of  $3 \times 3$  but hundreds or thousands of feet long, a heat flux tube was invented. The heat flux tube is for cooling in this case, although other applications might call for heating. A heat flux tube consists of two concentric tubes, flexible or rigid, with liquid or gas as working fluid.

The Committee recommends that the rights of the University in this invention be released to the inventor.

9. Method to prepare, sterilize, store, and use cream testing more than 50 per cent fat — Harold K. Wilson, Associate Professor of Dairy Technology in Food

Science, Urbana, and Divaker B. Kenkare, formerly Research Associate in Food Science, Urbana, inventors; developed under the sponsorship of the American Dairy Association. The discovery is the combination of procedural steps and conditions to prepare and sterlize high fat content cream so that it can be stored in a way to preserve its fine qualities for a variety of uses.

The Committee recommends that the rights of the University in this invention be released to the inventors.

10. Instrument for the cryosurgery of warts and other minor growths — L. M. Hursh, Professor of Health Science and Director of the Health Service, Urbana, inventor. This is a solid brass rod cooled to equilibrium with liquid nitrogen. Brass was used because it is a good conductor, is easy to turn on the lathe, and was available in the plumbing shop. The rods were made so they had different size and shaped tips. A hole was made in the rod so a chain could be attached to facilitate the placement and removal of the rod into and out of the liquid nitrogen. A rod seven inches long and one-half inch in diameter was used to provide sufficient mass to prevent too rapid warming. The rods were chromeplated with the chrome sanded off the tip, so that the rods had the appearance of surgical instruments. The cooled rod is applied to the wart for about one and one-half minutes. The following day a blister forms and in three weeks the wart sloughs off without scarring.

The Committee recommends that the rights of the University in this invention be released to the inventor.

11. General auditory-vibratory experience translater (GAVET) — Shirley J. Heinze, Assistant Professor of Psychology in Psychiatry, Medical Center, Paul R. Cekan, Instructor in Psychiatry, Medical Center, and Ramon C. Blatt, Electronic Technician I, Medical Center, inventors. The GAVET is an electronic device which has been designed to respond to sound and to convert the sound signals to mechanical vibrations which can stimulate touch and pressure receptors in the body. It is expected to be of value as a "hearing substitute" for the profoundly nerve deaf individual.

The Committee recommends that the rights of the University in this invention be released to the inventors.

On motions of Mr. Jones, these recommendations were approved.

### REPORT ON LITIGATION

The legal counsel reported on the recent action of the United States District Court for the Northern District of Illinois, Eastern Division with regard to the state law requiring every person employed by the state to execute an employee's affadavit (commonly known as the "Loyalty Oath").

On motion of Mr. Grimes, the Board adjourned.

EARL W. PORTER Secretary EARL M. HUGHES President