

**MEETING OF THE BOARD OF TRUSTEES**  
**OF THE**  
**UNIVERSITY OF ILLINOIS**

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**February 21, 1968**



The February meeting of The Board of Trustees of the University of Illinois was held in the Chicago Illini Union on the Medical Center campus, Chicago, Illinois, on Wednesday, February 21, 1968, beginning at 10:00 a.m.

President Timothy W. Swain 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. Harold Pogue, Mr. Timothy W. Swain. Governor Otto Kerner, Mr. Ray Page, Dr. James A. Weatherly, and Mr. Kenney E. Williamson were absent.

Also present were President David D. Henry; Executive Vice-President and Provost Lyle H. Lanier; Chancellor Norman A. Parker, University of Illinois at Chicago Circle; Chancellor Joseph S. Begando, University of Illinois at the Medical Center; Chancellor Jack W. Peltason, University of Illinois at Urbana-Champaign; 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, Legal Counsel; Dr. Daniel C. McCluney, Dean of Faculties, Chicago Circle; Dr. James B. Holderman, Associate Chancellor, Chicago Circle; Mr. Vernon L. Kretschmer, University Associate Director of Physical Plant Planning and Construction; Mr. R. C. Wicklund, Staff Associate in the Board of Trustees Office and Assistant Secretary of the University; Mr. Eugene S. Pitcher, Assistant to the Director of the Physical Plant, Urbana; Mr. Robert W. Evans, Director of Public Information, Urbana; Mr. Max I. Light, Director of Public Information, Medical Center; Mr. Grover E. Shipton, Director of Public Information, Chicago Circle; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. R. R. Manchester, Treasurer, and Dr. Earl W. Porter, Secretary.

**MINUTES APPROVED**

The Secretary presented the minutes of the meeting of the Board of Trustees on March 14, 1967, press proof copies of which have previously been sent to the Board.

These minutes were approved as printed on pages 425 to 472, inclusive.

**SEVENTY-FIFTH ANNIVERSARY OF THE INAUGURATION  
OF JOHN PETER ALTGELD AS GOVERNOR OF ILLINOIS**

Mr. Pogue presented and moved adoption of the following expression of recognition of the Seventy-fifth Anniversary of the Inauguration of John Peter Altgeld as Governor of Illinois.

The motion was unanimously approved.

On January 10, 1893, John Peter Altgeld was inaugurated as Governor of Illinois. Last month marked the seventy-fifth anniversary of this event.

To those familiar with his life, Governor Altgeld's contributions to this state and to the ideals of democracy were remarkable. From impoverished beginnings he rose to be a successful lawyer, a judge, and finally, a chief executive with a distinguished record of hospital and prison reform. Even more noteworthy is the fact that, having attained these goals, he knowingly courted financial and political ruin to free three anarchists convicted in the aftermath of the Haymarket affair.

Historians of the University of Illinois have pointed out Governor Altgeld's part in supporting greatly increased appropriations for the University and encouraging expansion plans.

To members of this Board, however, the contributions of Governor Altgeld, as reflected in the minutes of its meetings, assume greater relevance. In the minutes of the June 6, 1893, meeting, it is recorded that the Board adopted the suggestion of the Governor, made after he completed the commencement address that day, that the construction of a new building for the College of Engineering be accelerated as rapidly as possible. At the August 1, 1894, meeting, on motion of the Governor, "it was voted that the secretary of the board be directed to prepare a statement of the special advantages of this University," copies of which would be sent to all "male teachers of the state and to others interested in education." Later entries find him proposing the resolution for the acquisition of the Chicago College of Pharmacy and taking an active part in the selection of a design for the library building which was later to bear his name. A contemporary summary of the Governor's role appears in a report of the Chairman of the Buildings and Grounds Committee:

"Ever since the incumbancy of Governor Altgeld, he has been a warm friend of the University of Illinois and has in every way practicable exercised his influence and authority to promote its welfare."

On the occasion of this anniversary, the Board of Trustees hereby records again its appreciation for the leadership, support, and vision which Governor Altgeld gave to the Board and to the University during his term of office.

**REPORT OF COMMITTEE ON GENERAL POLICY**

Mr. Hughes, for the Committee on General Policy, presented a report on a matter considered by the Board of Trustees on January 17, 1968, and referred to the Committee.

On January 17, 1968, Mr. John Pappademos, President of the Chicago Circle Federation of Teachers, Local 1627 (American Federation of Teachers, AFL-CIO), presented a request that the Board of Trustees "authorize an immediate election to allow the Chicago Circle faculty an opportunity to elect a bargaining agent." The request was referred to the Committee on General Policy for study and recommendation.

The Committee has reviewed the documents presented to the Trustees by Mr. Pappademos on January 17, in particular those portions of the documents in which the general objectives of the Federation are stated. The Committee has also studied a report from the Secretary of the University and Secretary of the Board of

Trustees (prepared at the request of the President of the University) in which University policies and procedures related to the objectives of the Federation are described.

It is the view of the Committee on General Policy that the broad objectives of the Federation are of fundamental significance to the University and worthy of continual appraisal through the established faculty agencies provided for by the University *Statutes*.

The Committee further believes that present University policies — and as they relate to salaries and fringe benefits, grievance procedures, and the role of the faculty in policy-making — fully reflect the highest standard of excellence in university governance in this country and sees no need for a change in the present structure and relationships.

Therefore, the Committee on General Policy recommends that the request of the Chicago Circle Federation of Teachers be denied.

General Policy Committee  
EARL M. HUGHES, *Chairman*  
HOWARD W. CLEMENT  
DONALD R. GRIMES  
RALPH C. HAHN  
THEODORE A. JONES  
KENNEY E. WILLIAMSON

On motion of Mr. Grimes, the recommendation of the Committee was unanimously approved.

At this point, Mr. Hughes asked to be excused from the meeting.

#### CURRENT STATUS OF SELECTIVE SERVICE

The President of the University reported to the Trustees on the apparent effect on the University of new selective service regulations and interpretations — those which will have particular significance on graduate level enrollments beginning in the fall of 1968. Extended comment and analysis was provided by the Executive Vice-President and Provost and by the chancellors from each of the campuses. The Provost indicated that possibly 20 per cent of the projected enrollment of graduate students for 1968 might be eligible for the draft. However, it was made clear that a number of uncertainties are involved, including the fact that much rests upon the individual decisions of students enrolled and students seeking admission themselves.

The President indicated that continued reports and analyses will be brought to the Board in months to come.

**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

President Henry presented a report on selected topics of current interest, copies of which 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 :

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
KENNETH CARROLL DAY	Nashville, Tennessee	Tennessee
RICHARD REX SIDNAM	Kalamazoo, Michigan	Michigan
CHARLIE FRIEND WILKINSON	Northbrook, Illinois	North Carolina

I concur.

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

#### APPOINTMENTS TO THE FACULTY

(2) 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. CHATHILINGATH K. SANATHANAN, Associate Professor of Electrical Engineering, Department of Information Engineering, from January 1 through August 31, 1968, without salary, and for two years from September 1, 1968 (Q), at an annual salary of \$14,500.

#### Medical Center

2. GLORIA GEORGE, Assistant Professor of Nursing, beginning January 1, 1968, on  $\frac{1}{2}$  time (D10), at an annual salary of \$900.

#### Urbana-Champaign

3. THOMAS T. BANNISTER, Visiting Research Professor of Botany, for the period from February 1, 1968, through July 31, 1968 (G), at a salary of \$9,600.
4. EDDIE BASLER, Visiting Professor of Plant Physiology, Department of Agronomy, on 92 per cent time, for seven months from February 1, 1968 (G92), at a salary of \$8,575.
5. SHERMAN D. BROWN, Associate Professor of Ceramic Engineering, beginning September 1, 1968 (A), at an annual salary of \$14,000.
6. BERNIE R. BURRUS, Visiting Professor of Law, for the second semester 1967-68 (D), at a salary of \$10,500.
7. ENRIQUE CASTRO-CID, Visiting Professor of Art, for the second semester 1967-68 (E), at a salary of \$8,000.
8. JUAN C. FASCILOLO, Visiting Professor of Physiology and Biophysics, for the period from January 15, 1968, through June 15, 1968 (G), at a salary of \$7,000.
9. YOSHIO IWAMOTO, Assistant Professor of Japanese Literature, Center for Asian Studies, beginning September 1, 1968 (1), at an annual salary of \$12,000.
10. LILIAN G. KATZ, Assistant Professor of Elementary Education, beginning February 1, 1968 (1), at an annual salary of \$10,000.
11. DAVID L. PERROTT, Visiting Assistant Professor of Law, for the second semester 1967-68 (E), at a salary of \$9,000.

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

#### APPOINTMENTS TO THE CENTER FOR ADVANCED STUDY

(3) The Dean of the Graduate College, in consultation with an advisory selection Committee of Center Professors, and with the concurrence of the Chancellor at Urbana and the Executive Vice-President and Provost, has recommended the following appointments as Professors in the Center for Advanced Study effective February 1, 1968.

HENRY KAHANE, Professor of Spanish and of Linguistics

NELSON J. LEONARD, Professor of Chemistry  
 OSCAR LEWIS, Professor of Anthropology  
 CHARLES P. SLICHTER, Professor of Physics  
 MICHIO SUZUKI, Professor of Mathematics

This expansion of membership of the Professors in the Center is in accord with the planned expansion of the Center as a key organization in the development of interdisciplinary programs.

The appointees will remain involved in the teaching programs in their respective departments, and their departments will continue to provide most of the funds to support their appointments.

I have approved these appointments and request confirmation of my action.

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

#### DEANSHIP OF THE COLLEGE OF MEDICINE, MEDICAL CENTER

(4) I recommend the appointment of Dr. William J. Grove, presently Professor of Surgery on indefinite tenure and Associate Dean of the College of Medicine, as Dean of the College of Medicine, beginning March 1, 1968,<sup>1</sup> at an annual salary of \$33,000 on a twelve-month service basis.

The recommendation is based upon a report from a consultative committee<sup>2</sup> and follows consultation with the Executive Committee of the College.

Dr. Grove succeeds Dr. Granville A. Bennett whose resignation as Dean of the College of Medicine became effective January 1, 1968.

The Chancellor at the Medical Center campus and the Executive Vice-President and Provost endorse this recommendation.

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

#### DEANSHIP OF THE COLLEGE OF BUSINESS ADMINISTRATION, CHICAGO CIRCLE

(5) I recommend the appointment of Dr. Irvin Lee Heckmann, presently Professor of Management and Dean of the College of Business Administration at Creighton University, as Professor of Management on indefinite tenure and Dean of the College of Business Administration beginning August 1, 1968, at an annual salary of \$27,000 on a twelve months' service basis. The appointment as Dean will be from August 1, 1968, through August 31, 1969, which is consistent with the statutory provision of biennial tenure of deans, such appointments usually coinciding with the fiscal biennium.

The recommendation is based upon a report from a special committee<sup>3</sup> and after consultation with the Dean of Faculties, the Executive Committee of the College of Business Administration, and the Coordinators of the College of Business Administration at Chicago Circle.

The appointment is to succeed Dean Raymond W. Coleman who asked to be relieved of this administrative assignment as of November 30, 1966. Professor Robert W. French has been serving as Acting Dean.

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

#### PROVISIONAL CODE OF CONDUCT

(6) Senate Bill No. 506, approved by the Seventy-fifth General Assembly, provides that "The Board of Higher Education shall promulgate a detailed code of conduct

<sup>1</sup> This appointment will be from March 1, 1968, through August 31, 1969, which is consistent with the statutory provision of biennial tenure of deans, such appointments coinciding with the fiscal biennium. He will continue as Professor of Surgery on indefinite tenure.

<sup>2</sup> Members of the consultative committee are: George G. Jackson, Professor of Medicine, *Chairman*; Orville T. Bailey, Professor of Neurology; Stephen B. Binkley, Professor and Head of the Department of Biological Chemistry; Herschel L. Browns, Clinical Assistant Professor of Medicine; Reino E. Kallio, Professor of Microbiology and Director of the School of Life Sciences; Peter C. Kronfeld, Professor and Head of the Department of Ophthalmology, College of Medicine, and Ophthalmologist-in-Chief, Illinois Eye and Ear Infirmary; Mark H. Lepper, Professor of Preventive Medicine and Community Health; Lloyd M. Nyhus, Professor and Head of the Department of Surgery, College of Medicine, and Surgeon-in-Chief, Research and Educational Hospitals; Neena B. Schwartz, Professor of Physiology.

<sup>3</sup> Members of the special committee are: Leonard Kent, Professor of Economics, *Chairman*; S. G. Huneryager, Associate Professor of Management; Boyd R. Keenan, Professor of Political Science; J. R. Norsworthy, Assistant Professor of Economics; William H. Reynolds, Professor of Marketing; Albert J. Schneider, Professor of Accounting; William W. Tongue, Professor of Economics and of Finance.

for persons employed on the staffs of State-operated institutions of higher learning."

Accordingly, a draft code was prepared by an "Ethics Committee" convened by the Executive Director of the Board of Higher Education and disseminated to the administrative officers of the state universities of Illinois for comments and suggestions.

Within the time afforded for institutional appraisal, the members of the University Council on Administration and the chairmen of the Senate Committees on Educational Policy were asked for reactions and suggestions.

A resultant *Provisional Code of Conduct*, a copy of which is being filed with the Secretary of the Board for record, was approved by the Board of Higher Education on February 6, 1968. It is now expected that the *Provisional Code* will receive a full institutional review prior to its issuance in final form, perhaps by the end of the present academic year.

Under sections II, III, and IV of the *Provisional Code*, the institutional governing boards have administrative and enforcement responsibilities with respect to the general standards of conduct set forth (in Section II). However, prior to action on these matters by the Board of Trustees, I recommend that the Board of Trustees receive the *Provisional Code* as a matter of record and refer it to the Faculty Senates and to an appropriate group related to nonacademic employees for their advice.

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

(The President of the University indicated that in reference to Section 3A, he would expect to prepare a list of officers who should be designated as those required to file "written disclosures" as specified in the code.)

#### **DELETION OF SECTION 6, THE GENERAL RULES CONCERNING UNIVERSITY ORGANIZATION AND PROCEDURE: PHOTOGRAPHY AND BLUEPRINTING DEPARTMENT**

(7) In the course of revising *The General Rules Concerning University Organization and Procedure* to reflect the chancellorship system of organization, a number of editorial changes appear desirable in order to reflect that pattern symmetrically among all campuses.

One such change relates to Section 6 of the *General Rules*, "Photography and Blueprinting Department." It is felt that specific reference to a particular unit of this kind at one campus is best handled by administrative definition and that its inclusion in the *General Rules* is therefore unnecessary.<sup>1</sup>

Accordingly, the President of the University recommends that Section 6 of the *General Rules* be deleted. The changes will be reflected in the new edition of the *University of Illinois Statutes and The General Rules Concerning University Organization and Procedure*.

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

#### **CHANGES IN NONACADEMIC POLICY AND RULES — VACATION AND PERSONAL LEAVE**

(8) Since the September 20 revision of the *Policy and Rules* in respect to vacation, a question has arisen as to vacation accrual during periods of retirement disability. Procedurally, an employee who is receiving retirement disability income is placed on a leave without pay status with the University. The Vacation and Personal Leave Policy, as revised on September 20, did not contemplate that vacation would be earned while an employee was on leave without pay or that the period of sick leave would count toward service years.

Since September 20, employee groups have urged that periods of disability under the Retirement System even though non-occupational, should be treated in the same way as occupational disability for leave purposes. It is noted that the Policy, as approved, does provide that an employee who is receiving Workmen's Compensation will continue to earn vacation and personal leave while he is receiving these income benefits and that the time covered will be credited towards service

<sup>1</sup> Transfer of administrative responsibility for the Photographic Laboratory, effective March 1, 1968, from the University Director of Public Information to the Director of Public Information, Urbana-Champaign, was approved by the President of the University on January 19, 1968.

years. The employees' proposal has been reviewed by the Director of Nonacademic Personnel and by the All-University Nonacademic Personnel Advisory Committee. The Committee was of the opinion that the time an employee is receiving retirement disability income should be counted as service years but that during the period no vacation or personal leave should be earned.

In the light of this opinion and upon the recommendation of the Vice-President and Comptroller and the Director of Nonacademic Personnel, the following sentence is proposed as an addition to the Vacation and Personal Leave Policy as revised on September 20:

Time during which an employee is receiving disability income benefits under the University's Retirement System, including any gap in benefit payments between the expiration of institutional benefits and the commencement of benefits available under the Retirement System, will be treated as in-pay status for computation of service years but vacation and personal leave will not be earned during such time.

I concur in the recommendation.

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

#### CHANGES IN NONACADEMIC POLICY AND RULES — LEAVES OF ABSENCE AND DISABILITY BENEFITS

(9) Proposed changes in the *Policy and Rules* relating to Leaves of Absence and Disability Benefits of nonacademic employees have been under consideration for some time. Consistent with procedures followed in other recent changes and revisions, comments have been solicited by the 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 of Illinois members of the Employees Advisory Committee of the University Civil Service System of Illinois. Revised drafts were reviewed by the All-University Nonacademic Personnel Advisory Committee. In the light of such reviews and at the recommendation of the Vice-President and Comptroller and the Director of Nonacademic Personnel, the following policy changes are presented to the Board for approval, the changes to become effective March 1, 1968.

#### Leaves of Absence

##### *University-wide Policy: Leaves of Absence*

Leaves of absence without loss of pay and in some instances without pay may be granted to eligible employees as defined by the President of the University, who shall also issue Rules for the administration of leaves.

##### *A. Jury Duty Leave*

An eligible employee, upon his request, shall be granted a leave of absence without loss of pay when called for jury duty. University pay during Jury Duty Leave will be computed as the difference between the payment for jury duty and the regular salary or wage of the employee.

##### *B. Military Leave*

##### *1. For Limited Training or Emergency Call-Up*

Leave of absence with pay at his regular rate shall be granted an eligible employee who is an officer or enlisted man in the Illinois National Guard, the Illinois Naval Militia, or the reserve components of the Armed Forces, called for Limited Training or Emergency Call-up. The length of the Military Leave for Limited Training with pay will not exceed standards established by federal or state regulations for training activities required to maintain standing in the above military units. In the event the required annual Limited Training or Emergency Call-up is extended beyond fifteen days, the employee will be granted leave without pay for such additional days. In the event the Limited Training service is requested by the employee but not required by military authorities, he may be granted leave without pay if operating requirements of the University permit.

##### *2. For Service in the Armed Forces of the United States*

Leave for Service in the Armed Forces of the United States without pay shall be granted an eligible employee who enlists or is inducted into such service. In accordance with provisions of the Universal Military Training and

Service Act of 1951 and the Armed Forces Reserve Act of 1955, as amended, such an employee will be restored to a position of like seniority, status, and pay if (1) his discharge is under conditions other than dishonorable, (2) he requests reemployment within ninety days after his discharge, and (3) he is qualified physically and mentally to perform the duties of the position. If, as a result of the service in the Armed Forces, he is not physically or mentally qualified to perform the duties of such a position, he will be restored to a position for which he is qualified to perform the duties and which will provide him the seniority, status, and pay, or the nearest approximation thereof consistent with the circumstances of the case.

*C. Special Leave*

Special Leave without pay may be granted for the purpose of continuing the employee status of an individual whose performance record warrants it and who requests such leave for sufficient cause, e.g., a faculty wife who wants to be with her husband while he is on sabbatical leave, an employee who has exhausted his sick and disability benefits and who is still unable to return to work, an employee engaged in public interest work or in furthering his education. Reemployment following Special Leave will be subject to an availability period as defined by the President.

*D. Funeral Leave*

Upon his request, an eligible employee shall be granted at his regular rate of pay Funeral Leave of up to three work days for the funeral of a member of his immediate family or household, and of one day for the funeral of a relative outside his immediate family or household. Leaves beyond these amounts may be approved under special circumstances.

*E. Excused Absences and Leave Extension*

The President of the University may issue rules providing for such types of Excused Absences of employees without loss of pay or without pay and for extensions of the leaves authorized above as he determines to be in the interest of the University.

(Approved by the Board of Trustees February 21, 1968.)

In general, the new policy provides the same benefits as have existed heretofore except that for Military Leave (1) a provision has been added to include emergency call-up (riot duty) for the same leave treatment as has heretofore been provided for limited training; and (2) a small change has been made in the provisions for restoration following service in the Armed Forces.

In respect to Special Leave, provision has been made for "Educational Leave" as recommended by the Merit Board in July, 1967. Also, this category of leave has been broadened to include situations where it is believed desirable to continue the employee status of an individual whose performance record warrants it and who requests leave for reasons such as the illustrations in the text. In the present labor market it seems desirable to maintain such employee ties in order to encourage their return. Provision is made for an availability period at the end of the leave which is designed to facilitate placement upon the employee's return. This provision has been borrowed from the State of Michigan where it has been in use for some time.

**Disability Benefits**

The Sick Leave portion of the Disability Benefits Policy conforms to standards recommended by the Merit Board of the University Civil Service System of Illinois at its July 26, 1967, meeting. Otherwise, the policy statement refers to benefits available under the Illinois Workmen's Compensation and Occupational Diseases Acts, the State Universities Retirement System Act, and under University of Illinois Insurance Plans.

The text of the revised policy statement follows:

*University-wide Policy: Disability Benefits*

Disability income benefits are available to employees under (1) the Illinois Workmen's Compensation and Occupational Diseases Acts, (2) the University of Illinois Sick Leave Plan, and (3) the State Universities Retirement System. Medical and hospital expense benefits are available under (1) the Illinois Workmen's Compensation and Occupational Diseases Acts, and (2) the Faculty-Staff Group Health Insurance Plans. The cost of the benefits under University sponsored in-



insurance plans and the State Universities Retirement System are borne in part by the employer and in part by the employee.

A. *Workmen's Compensation* (disability arising out of and in the course of employment)

An employee who suffers disability arising out of and in the course of his employment will receive compensation, as determined by the University Committee on Accident Compensation, in accordance with the provisions of the Illinois Workmen's Compensation and Occupational Diseases Acts. Payment of income benefits under these Acts (temporary total disability) may be supplemented by payments from earned University benefits (e.g., Sick Leave, Vacation and Personal Leave) but the total payments may not exceed basic straight time compensation.

B. *Sick Leave* (disability not arising out of and in the course of employment)

1. An employee in a trainee, apprentice, provisional, or status appointment will accumulate paid Sick Leave without limit at the rate of .05 hours for each hour, exclusive of overtime, that he is in pay status, or approximately thirteen days per annum for an employee who works either 2080 or 1950 hours.
2. An employee may use his accumulated Sick Leave when he is absent because he is ill or injured or in order to obtain medical or dental consultation or treatment.

C. *State Universities Retirement System Benefits*

Disability benefits available from the State Universities Retirement System are described in its *Handbook of Information*.

D. *University Insurance Plans*

The benefits payable under University sponsored insurance plans are set forth in master policies. Pertinent provisions of these policies are described in brochures available at each campus Insurance Office.

E. The President of the University may issue rules for the administration of Disability Benefits as he determines to be in the interest of the University.

Disability benefits are continued on the same basis as heretofore except that (1) sick leave is no longer extended to casual, temporary, and extra help type employment and (2) sick leave is related directly to hours of work and earned at the rate of .05 hours for each hour in pay status. This will result in an employee who works full time earning the same (or slightly more) sick leave than has been the case heretofore; but, an employee will not earn sick leave when his is away from work due to an unexcused absence nor will he earn sick leave while he is on layoff as under certain circumstances has been the case in the past.

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

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

**NAMES OF BUILDINGS AT CHICAGO CIRCLE**

(10) The Chancellor at Chicago Circle has recommended the following names for buildings under construction and to be constructed at the Chicago Circle campus: Phase II: Utilities Building, Architecture and Art Laboratories, and Plant Research Laboratory

Phase III: Behavioral Sciences Building, Science and Engineering South, Education and Communications, and Physical Education Building

I recommend approval.

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

**CHANGE IN ORGANIZATION OF DEPARTMENT OF PHILOSOPHY,  
CHICAGO CIRCLE**

(11) The members of the Department of Philosophy of professorial rank at Chicago Circle have voted to request a change in departmental organization from that of a department with a head to that of a department with a chairman.

With the concurrence of the Department, the Dean of the College of Liberal

Arts and Sciences, and the Dean of Faculties, the Chancellor recommends that the form of organization requested be approved, effective September 1, 1968. The Executive Vice-President and Provost also concurs.

I recommend approval.

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

#### **PROPOSAL TO RENAME AND REORGANIZE THE CLEFT PALATE UNIT, MEDICAL CENTER**

(12) The Chancellor at the Medical Center campus recommends that the name of the Cleft Palate Clinic and Training Program (Cleft Palate Unit) be changed to the Center for Craniofacial Anomalies. Additionally, it is proposed the Center be reorganized to enhance its contribution to the teaching, research, and patient care services of the Medical Center campus.

Currently the Cleft Palate Unit functions as a subunit of the Center for Handicapped Children in the Research and Educational Hospitals. It is proposed that the new Center for Craniofacial Anomalies, in view of its expanding activities, be organized independent of the Center for Handicapped Children. It is proposed that the Center for Craniofacial Anomalies be administered primarily through the Office of the Dean of the College of Dentistry. However, the new Center will continue to be responsible for the clinical portion of its activities to the Medical Director of the Research and Educational Hospitals.

Dr. Samuel Pruzansky, Professor of Dentistry and presently in charge of the Cleft Palate Unit, will serve as Director of the Center for Craniofacial Anomalies.

A statement explaining more fully the present status of the Cleft Palate Unit and the changes which are proposed is being filed with the Secretary of the Board for record.

A revision and an extension of an existing program are proposed and, as such, would not need to be approved by the Illinois Board of Higher Education.

The Executive Vice-President and Provost concurs in this recommendation. I recommend approval.

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

#### **MASTER OF SCIENCE AND DOCTOR OF PHILOSOPHY DEGREES IN NUTRITIONAL SCIENCES, URBANA**

(13) The Graduate College and the Urbana-Champaign Senate recommend the establishment of Master of Science and Doctor of Philosophy degrees in Nutritional Sciences and the establishment of a Committee on Nutritional Sciences.

The University has been recognized for many years as a center of research and training in nutrition. These activities have been carried out chiefly by the Departments of Animal Science, Dairy Science, Food Science, and Home Economics and, to a lesser extent, by individuals and small groups within the Colleges of Medicine, Veterinary Medicine, and Liberal Arts and Sciences.

Despite the collective accomplishments of these groups, it is felt that a coordinating body which would stimulate interdepartmental cooperation in teaching and research would also enhance the effectiveness of ongoing departmental programs, provide improved direction of graduate training programs, and aid in obtaining training grants and research funds.

The merits of an interdepartmental graduate training program in nutritional sciences have been discussed among faculty members of the College of Agriculture over a period of years.

The present proposal is an outgrowth of a recent evaluation of graduate teaching and research in the nutritional sciences in the College of Agriculture carried out by the Nutritional Sciences Coordinating Committee. It consists of recommendations for establishment of M.S. and Ph.D. degree programs in nutritional sciences to be administered by an interdepartmental Committee on Nutritional Sciences. The latter would consist of members appointed from the Graduate Faculty by the Dean of the Graduate College on the basis of demonstrated interest and competence in the field. Its responsibility would be to provide interdepartmental coordination and planning of instructional programs in the nutritional sciences.

The Chancellor at the Urbana-Champaign campus and the Executive Vice-President and Provost endorse this recommendation. The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved.

I recommend approval, subject to further action by the Board of Higher Education.

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

**DOCTOR OF PHILOSOPHY DEGREE IN ENGINEERING  
(SOLIDS AND FLUIDS), CHICAGO CIRCLE**

(14) The Graduate College and the Chicago Circle Senate recommend the establishment of the degree of Doctor of Philosophy in Engineering (Solids and Fluids).

This recommendation has been developed partly in recognition of the increase which has occurred nationally in recent years in enrollments at the graduate level in engineering. According to recent studies, this increase will have to accelerate in the future if national needs are to be met. It has been estimated<sup>1</sup> that the anticipated production of engineering doctorates will not be sufficient to satisfy the needs of industry and universities during the next decade.

Studies by the American Society of Engineering Education indicate that persons receiving doctorates in engineering, given the opportunity, tend to remain in the vicinity of the university where they complete their degree. Therefore, it is anticipated that such a program at Chicago Circle will be of considerable value to existing local industry and serve to attract new industry.

The proposed program is expected to help direct engineering research efforts toward the solution of the multiplicity of interrelated urban problems, such as air pollution, development of low-cost housing, and traffic control. Moreover, the departments which developed the proposal foresee it as an opportunity to the culturally disadvantaged:

"The many openings in industry and government laboratories have provided opportunities to move quickly into reasonable income brackets and without penalty for prior social or cultural impediments. This upward mobility contributes to the solution of the problems of our urban setting.

"The University of Illinois Circle Campus is singularly adapted to this function. The availability of a doctoral program on the campus would open up an opportunity for the more talented students coming from culturally disadvantaged backgrounds to move to the highest professional engineering level. Unquestionably, many of these would remain in the Chicago area, thereby contributing to the solution of urban problems and at the same time to the industrial capability of the area. Moreover, job opportunities are abundant, especially in view of federal anti-discrimination statutes applying to the very industries into which engineering Ph.D.'s may be expected to move."

The initial response to the existing Master of Science programs in engineering, which were initiated in September, 1967, has been sufficient to justify the expectation that there will be a strong response to the proposed Ph.D. program.

A further justification for offering work at the doctoral level in engineering is that the students enrolled would help supply the graduate teaching assistants needed for the increasing undergraduate enrollment.

The program itself, developed cooperatively by the Departments of Energy Engineering and Materials Engineering, is designed to promote flexibility through an organization based on functional divisions, rather than traditional departmental lines. Within this framework, initially, majors will be offered in continuum mechanics, gas dynamics, heat transfer, plasma dynamics, soil engineering, and structures.

The degree candidate will be required to meet the admission standards and degree requirements generally prevailing within the Graduate College of the University of Illinois.

The Chancellor at the Chicago Circle campus, the Dean of the Graduate College, and the Executive Vice-President and Provost concur in this recommendation. The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

I recommend approval subject to further action by the Board of Higher Education.

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

<sup>1</sup> *Preliminary Report on the Goals of Engineering Education*, October, 1965, American Society for Engineering Education.

**CONTRACTS FOR CONSTRUCTION OF INSECT BIOLOGICAL  
CONTROL LABORATORY, URBANA**

(15) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following contracts for construction of the Insect Biological Control Laboratory for the use of the State Natural History Survey, Champaign, the award in each case to the lowest bidder.

General — Barber & DeAtley, Inc., Urbana

Base bid plus Additive Alternates G-2, G-3, G-4, and G-5..... \$ 80 200 00  
Electrical — G. L. Wilsky, doing business as Downtown Electric,  
Urbana

Base bid plus Alternate E-1..... 15 425 00

Plumbing — Illini Plumbing and Heating, Inc., Champaign

Base bid ..... 24 020 00

Heating and Air Conditioning — Cool-Rite Mechanical

Contractors, Inc., Urbana

Base bid plus Alternate H-1..... 12 351 00

*Total* ..... \$131 996 00

Funds are available from private gift funds to the Natural History Survey and from state capital appropriations to the University for 1967-69, subject to release by the Governor.

Submitted herewith is a report from the Campus Architect, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Grimes, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Mr. Hughes, Governor Kerner, Mr. Page, Dr. Weatherly, Mr. Williamson.

**RENTAL OF COMPUTER EQUIPMENT, SCHOOL OF LIFE SCIENCES,  
URBANA**

(16) The School of Life Sciences requires a scientifically oriented computer which can be incorporated in and made readily adaptable to both research and instructional programs, and also be compatible with other large capacity computer systems in the University. Following technical evaluation by the staff of the School of Life Sciences, in consultation with the Departments of Computer Science and Chemistry and Chemical Engineering, it was concluded that the IBM 1130 Computer System is the only one economically available which will uniquely meet the requirements of the School of Life Sciences.

This system will be compatible with existing computer equipment in the Department of Chemistry and Chemical Engineering, as well as the Illinet concept of the Department of Computer Science.

The United States Public Health Service will furnish funds to support the initial year of operation of this equipment. Thereafter, the facility would be supported from charges to the departments using it.

The President of the University, with the concurrence of appropriate administrative officers, recommends that a rental contract be authorized with the International Business Machines Corporation for one year for the annual rental rate of \$17,944.80, with the option to extend on an annual basis, subject to availability of funds and need.

On motion of Mr. Clement, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Pogue, Mr. Swain; no, Mr. Jones; absent, Mr. Hughes, Governor Kerner, Mr. Page, Dr. Weatherly, Mr. Williamson.

**CONTRACT FOR DEMOLITION AND REMOVAL OF OLD POWER PLANT  
AND INCINERATOR BUILDING, MEDICAL CENTER**

(17) The President of the University, with the concurrence of appropriate administrative officers, recommends award of a contract in the amount of \$21,665 to the Cleveland Wrecking Company, Chicago, the lowest bidder for the demolition

and removal of the Old Power Plant and Incinerator Building at the Medical Center campus.

Funds for this work are available from state capital appropriations for 1967-69 and have been released by the Governor.

On motion of Mr. Grimes, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Mr. Hughes, Governor Kerner, Mr. Page, Dr. Weatherly, Mr. Williamson.

#### LEASE WITH THE ILLINOIS BUILDING AUTHORITY — CIVIL ENGINEERING BUILDING AND ADDITION AT URBANA

(18) 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 the Civil Engineering Building and Addition at Urbana-Champaign, also known as Civil Engineering Building, Phase IIA, which the Seventy-fifth General Assembly of the State of Illinois had declared to be in the public interest. The Board of Trustees at its meeting on December 20, 1967, requested the Illinois Building Authority to award a contract for the construction. The capital costs of the project, including the construction award, are to be financed by Illinois Building Authority funds in the sum of \$2,100,000, the balance to come from federal funds and state appropriations to the University. In addition to these amounts, the sum of \$571,000 will be utilized from Civil Engineering Building (Phase I) funds, pursuant to the revised budget for that project, Project IBA 73-07, as approved by the members of the Illinois Building Authority at its meeting on January 24, 1968.

The Illinois Building Authority has now sent the University the form of the permanent lease which should be used on this project and has requested that the Board of Trustees take specific action to approve the same. A copy of said lease form is presented herewith and is being filed with the Secretary of the Board for record.

The lease relates to the following project and is on the terms indicated:

Project	Legislative Declaration	IBA Project Cost	Amount of Rental Hereafter Paid Under Interim Lease	Annual Rent Due September 1, 1968, and on or before September 1 of Each Year Thereafter to June 30, 1990	Total Rental Payments
Civil Engineering Building and Addition, Urbana-Champaign.....	\$ 528 500 00	\$ 2 100 000 00	\$398 990 00	\$151 630 00	\$ 734 850 00

Funds for rental payments under the lease during the current biennium 1967-69 are available to the University from appropriations made by the Seventy-fifth General Assembly.

The President recommends that the Comptroller and the Secretary of the Board of Trustees be given specific authorization to execute this lease in substantially the form presented in this meeting and that the following resolution be adopted.

#### Resolution Authorizing Leasing of Civil Engineering Building and Addition at Urbana-Champaign, Also Known as Civil Engineering Building, Phase IIA, from the 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 project at Urbana-Champaign to be in the public interest:

Civil Engineering Building and Addition At Urbana-Champaign.... \$3 528 500 00  
and

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 project as follows:

Urbana-Champaign Campus IBA #75-13 Construct Civil Engineering Building and Addition..... \$2 100 000 00  
will not cause said aggregate amount to be exceeded; and

WHEREAS the Illinois Building Authority has forwarded to the University of Illinois the form of the permanent construction lease which it requests be used for this project; and has requested that the Board of Trustees take specific action to approve the same; copy of which lease form is presented herewith and is 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 a lease with the Illinois Building Authority in substantially the form presented to this meeting for the following building and facility:

Construction of a Civil Engineering Building and Addition at Urbana-Champaign Campus, at a cost to the Illinois Building Authority of \$2,100,000.00 requiring 22 rental payments as follows: an initial rental on or before September 1, 1968 in the sum of \$151,630.00; and during each successive renewal term of the Lease, the annual sum of \$151,630.00 on or before the 1st of September of each year thereafter until June 30, 1990 with total rental payments of \$3,734,850.00 (less the sum of \$398,990.00 which has been paid under the terms of Interim Leases.)

On motion of Mr. Hahn, authority was given as recommended and the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Mr. Hughes, Governor Kerner, Mr. Page, Dr. Weatherly, Mr. Williamson.

#### LEASE WITH THE ILLINOIS BUILDING AUTHORITY — SMALL ANIMAL CLINIC BUILDINGS, URBANA

(19) 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 the Small Animal Clinic Buildings at the Urbana-Champaign campus, also known as Small Animal Clinic and Hospital-Veterinary Medicine Complex, Phase I, which the Seventy-fifth General Assembly of the State of Illinois had declared to be in the public interest. The Board of Trustees at its meeting on January 17, 1968, requested the Illinois Building Authority to award a contract for the construction. The capital costs of the project, including the construction award, are to be financed by Illinois Building Authority funds in the sum of \$6,065,000, the balance to come from state appropriations to the University.

The Illinois Building Authority has now sent the University the form of permanent lease which should be used on this project and has requested that the Board of Trustees take specific action to approve the same. A copy of said lease form is presented herewith and is being filed with the Secretary of the Board for record.

The lease relates to the following project and is on the terms indicated:

Project	Legislative Declaration	IBA Project Cost	Amount of Rental Herebefore Paid Under Interim Lease	Annual Rent Due September 1, 1968, and on or before September 1 of Each Year Thereafter to June 30, 1990	Total Rental Payments
Small Animal Clinic Buildings, Urbana-Champaign...	\$6 812 000 00	\$6 065 000 00	\$1 053 725 00	\$442 405 00	\$10 788 635 00

Funds for rental payments under the lease during the current biennium 1967-69 are available to the University from appropriations made by the Seventy-fifth General Assembly.

The President recommends that the Comptroller and the Secretary of the Board of Trustees be given specific authorization to execute this lease in substantially the form presented in this meeting and that the following resolution be adopted.

**Resolution Authorizing Leasing of Small Animal Clinic Buildings  
at Urbana-Champaign, Also Known As, Small Animal Clinic  
and Hospital-Veterinary Medicine Complex, Phase I, Urbana,  
from the 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 project at Urbana-Champaign to be in the public interest:

Small Animal Clinic Buildings At Urbana-Champaign Campus..... \$6 812 000 00  
and

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 project as follows:

Urbana-Champaign Campus IBA #75-12 Construct Small  
Animal Clinic Buildings..... \$6 065 000 00

will not cause said aggregate amount to be exceeded; and

WHEREAS the Illinois Building Authority has forwarded to the University of Illinois the form of the permanent construction lease which it requests be used for this project; and has requested that the Board of Trustees take specific action to approve the same; copy of which lease form is presented herewith and is 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 a lease with the Illinois Building Authority in substantially the form presented to this meeting for the following building and facility:

Construction of Small Animal Clinic Buildings at the Urbana-Champaign Campus, at a cost to the Illinois Building Authority of \$6,065,000.00 requiring 22 rental payments as follows: an initial rental on or before September 1, 1968 in the sum of \$442,405.00; and during each successive renewal term of the Lease, the annual sum of \$442,405.00 on or before the 1st of September of each year thereafter until June 30, 1990 with total rental payments of \$10,786,635.00 (less the sum of \$1,053,725.00 which has been paid under the terms of Interim Leases.)

On motion of Mr. Pogue, authority was given as recommended and the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Mr. Hughes, Governor Kerner, Mr. Page, Dr. Weatherly, Mr. Williamson.

**LEASE WITH THE ILLINOIS BUILDING AUTHORITY — SCIENCE  
AND ENGINEERING CENTER BUILDING, CHICAGO CIRCLE**

(20) 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 the Science and Engineering Center Building (Science and Engineering South) at Chicago Circle which the Seventy-fifth Gen-

eral Assembly of the State of Illinois had declared to be in the public interest. The Executive Committee of the Board of Trustees at its meeting on December 5, 1967, requested the Illinois Building Authority to award a contract for the construction. The capital costs of the project, including the construction award, are to be financed by Illinois Building Authority funds in the sum of \$17,620,000, the balance to come from federal funds and State appropriations to the University.

The Illinois Building Authority has now sent the University the form of the permanent lease which should be used on this project and has requested that the Board of Trustees take specific action to approve the same. A copy of said lease form is presented herewith and is being filed with the Secretary of the Board for record.

The lease relates to the following project and is on the terms indicated:

Project	Legislative Declaration	IBA Project Cost	Amount of Rental Heretofore Paid Under Interim Lease	Annual Rent Due September 1, 1968, and on or before September 1 of Each Year Thereafter to June 30, 1992	Total Rental Payments
Science and Engineering Center Building, Chicago Circle.....	\$18 848 300 00	\$17 620 000 00	\$1 340 870 00	\$1 249 845 00	\$31 337 150 00

Funds for rental payments under the lease during the current biennium 1967-69 are available to the University from appropriations made by the Seventy-fifth General Assembly.

The President recommends that the Comptroller and the Secretary of the Board of Trustees be given specific authorization to execute this lease in substantially the form presented in this meeting and that the following resolution be adopted.

#### **Resolution Authorizing Leasing of Science and Engineering Center Building at the Chicago Circle from the 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 project at the Chicago Circle to be in the public interest:

Science and Engineering Center Building at the Chicago Circle.... \$18 848 300 00 and

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 project as follows:

Chicago Circle Campus IBA #75-06 Construct Science  
and Engineering Center Building..... \$17 620 000 00  
will not cause said aggregate amount to be exceeded; and

WHEREAS the Illinois Building Authority has forwarded to the University of Illinois the form of the permanent construction lease which it requests be used for this project; and has requested that the Board of Trustees take specific action to approve the same; copy of which lease form is presented herewith and is 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 a lease with the Illinois Building Authority in substantially the form presented to this meeting for the following building and facility:

Construction of a Science and Engineering Center Building at the Chicago



Circle, at a cost to the Illinois Building Authority of \$17,620,000.00 requiring 24 rental payments as follows: an initial rental on or before September 1, 1968, in the sum of \$1,249,845.00; and during each successive renewal term of the Lease, the annual sum of \$1,249,845.00 on or before the 1st of September of each year thereafter until June 30, 1992, with total rental payments of \$31,337,150.00 (less the sum of \$1,340,870.00 which has been paid under the terms of an Interim Lease).

On motion of Mr. Clement, authority was given as recommended and the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Mr. Hughes, Governor Kerner, Mr. Page, Dr. Weatherly, Mr. Williamson.

**REQUEST TO ILLINOIS BUILDING AUTHORITY TO CONTRACT  
FOR PURCHASE AND CONSTRUCTION OF EQUIPMENT  
FOR THE UTILITIES CENTER ADDITION, CHICAGO CIRCLE**

(21) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Board request the Illinois Building Authority to award and proceed to procure the following contracts for furnishing and installing equipment for the use of the University at the Chicago Circle Utilities Center Addition required for the heating and air conditioning of Phase III Buildings. The award in each case is to the lowest bidder.

Division "301" — High Temperature Hot Water, Generating Unit and Pump — The International Boiler Works Company, East Stroudsburg, Pennsylvania.....	\$136 019 00
Division "302" — Refrigeration Unit for Chilled Water — Associated Piping Contractors, Inc., Chicago.....	\$181 560 00
<i>Total</i> .....	<u>\$317 579 00</u>

The above equipment is a 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 on which the project will be constructed will also be 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 transfer, conveyance, lease, contract, and other documents as are necessary to provide for the carrying out of the foregoing project and equipment by the Illinois Building Authority.

I further recommend adoption of the resolutions submitted herewith to implement the official actions required.

**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 The International Boiler Works Company, P. O. Box 208, East Stroudsburg, Pennsylvania, a contract for high temperature hot water generating unit, high temperature hot water pump, and erection of high temperature hot water generating unit and pump for the Utilities Center Addition at the Chicago Circle, Phase III, for the fixed price of \$136,019.00.

*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 in behalf of this corporation, such instruments of transfer, conveyance, lease, contract, and other documents 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. Clement, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr.

Jones, Mr. Pogue, Mr. Swain; no, none; absent, Mr. Hughes, Governor Kerner, Mr. Page, Dr. Weatherly, Mr. Williamson.

#### 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 Associated Piping Contractors, Inc., 1223 West 18th Street, Chicago, Illinois, a contract for one refrigeration unit for chilled water and erection of refrigeration unit for the Utilities Center Addition at the Chicago Circle, Phase III, for the fixed price of \$181,560.00.

*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 in behalf of this corporation, such instruments of transfer, conveyance, lease, contract, and other documents 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. Clement, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Mr. Hughes, Governor Kerner, Mr. Page, Dr. Weatherly, Mr. Williamson.

#### EMPLOYMENT OF ENGINEERS FOR AIR CONDITIONING ILLINOIS STREET RESIDENCE HALLS, URBANA

(22) The President of the University, with the concurrence of appropriate administrative officers, recommends the employment of Robert Burkhardt and Associates, Inc., Chicago, for complete engineering services to complete the air conditioning of the Illinois Street Residence Halls at a fee in accordance with Schedule B of *The Illinois Society of Professional Engineers' Manual*, 1965 edition.

Funds are available from the proceeds of the sale of revenue bonds.

The Advisory Committee on Architectural and Engineering Services has approved this recommendation.

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

#### DESIGNATION OF UNIVERSITY OFFICERS FOR FACILITY SECURITY CLEARANCE

(23) Officials of United States governmental agencies have requested the Board of Trustees to designate by formal action the officers of the Board and of the University who shall have the authority and responsibility for negotiation, execution, and administration of contracts with the United States of America and its agencies and all of the duties and responsibilities pertaining to the protection of classified information. The following resolution is offered and its adoption is recommended.

#### Resolution

WHEREAS, it has been brought to the attention of The Board of Trustees of the University of Illinois with its principal office and place of business in the City of Urbana, State of Illinois that in connection with a Facility Security Clearance, those officers of the University and Board of Trustees who are specifically and properly designated by action of its official executive body in accordance with the institution's requirements as the managerial group having the authority and responsibility for the negotiation, execution and administration of User Agency contracts and all of the duties and responsibilities pertaining to the protection of classified information and those members of The Board of Trustees who will require access to classified information are required to be cleared by the Department of Defense of the United States; and

WHEREAS, other Officers and Trustees who are United States Citizens, immigrant aliens, foreign representatives, or foreign nationals, and who shall not require

access to classified information in the conduct of the institution's business, are not required to be cleared, provided the Board of Trustees, by action of its official administrative body so affirms and makes a matter of record in the minutes of that administrative body;

*Resolved:* Members of the Board of Trustees, other than those whose names have been submitted for clearance, shall not require, nor shall have, and can be effectively excluded from access to all classified information in the possession of the institution and do not occupy positions that would enable them to affect adversely the institutions policies or practices in the performance of classified contracts for the User Agencies.

*Be It Further Resolved:* The following officers of The Board of Trustees and of the University of Illinois be and hereby are designated as the managerial group having the authority and the responsibility for the negotiation, execution, and administration of User Agency contracts and all of the duties and responsibilities pertaining to the protection of classified information: President, Secretary, and Comptroller of The Board of Trustees of the University of Illinois; and President, Vice-President and Comptroller, Executive Vice-President and Provost, and Legal Counsel of the University of Illinois.

On recommendation of Mr. Jones, the foregoing resolution was adopted.

#### PURCHASES

(24) The President submitted, with his concurrence, a list of purchases recommended by the Director of Purchases and the Vice-President and Comptroller.

The lists of purchases recommended for Board approval were 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.....	\$304 077 80
From Institutional Funds.....	\$391 466 31
<i>Total</i> .....	\$695 544 11

A complete list of the purchases recommended, 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. Pogue, the purchases recommended were authorized.

#### COMPTROLLER'S REPORT OF PURCHASES APPROVED

(25) The Vice-President and Comptroller also submitted a report of purchases approved by him on recommendation of the Director of Purchases in amounts of \$2,500 to \$5,000. A copy of this report is filed with the Secretary.

This report was received for record.

#### COMPTROLLER'S MONTHLY REPORT OF CONTRACTS EXECUTED

(26) The Comptroller's monthly report of contracts executed was submitted.

#### New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Amdal Company	Spectinomycin in improving weight gain and feed efficiency of weanling and growing finishing swine	\$ 4 000 00
Greenville College (subcontract with the Central Projects Office of the Illinois State Physics Project under N.S.F. grant GW-2986)	Secondary science training program and cooperative college - school science program	26 234 00

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Illinois Cities and Villages Municipal Problems Commission	Research and analysis of problems concerning inter- governmental fiscal relations in Illinois municipi- palities, aspects of municipal budgeting, and new revenue sources for municipalities	\$ 20 000 00
La Salle County Conservation District	Long-range comprehensive study of the La Salle County Conservation District	12 350 00
United States Air Force AFOSR-68-1508	Charged colloidal particles for propulsion	38 583 00
United States Department of the Interior 14-01-0001-1693	Diffusion and flow in interphase transport	78 242 00
United States Office of Education OEC-0-8-000511-2665(017)	Training program for seven Bolivian educators consisting of workshop sessions on the subject of elementary teacher education, and observa- tional visits which illustrate specific phases of the topics discussed	3 491 00
United States Navy N00014-67-A-0305-0009	Research in radio astronomy, including design, construction, and use of equipment for observa- tion of the radio frequency spectra of extrater- restrial radio sources	121 500 00
N00014-67-A-0305-0010	Research in the field of numerical and approximate analysis of structures including the development of problem-oriented computer program systems	50 000 00
<i>Total</i>		<u>\$ 354 400 00</u>

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Julian "Cannonball" Adderley	Performance at Chicago Circle Center on January 19, 1968	\$ 3 000 00
Board of Education of the City of Chicago	Services of Elaine Grauer to serve as supervisor of student teachers of English	9 212 00
Newberry Center	Participation in the program at Newberry's Settle- ment House by five to ten students enrolled in the University's regular programs for the pre- paration of elementary and secondary teachers at the Chicago Circle campus (\$500 per student)	5 000 00
<i>Total</i>		<u>\$ 17 212 00</u>

### Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Illinois State Library	Rural library development	\$ 50 000 00
National Aeronautics and Space Administration NGR14-005-088	Relativistic effects on space tracking data	19 274 00
United States Defense Atomic Support Agency DA-49-146-XZ-218	Research in structural dynamics	51 000 00
<i>Total</i>		<u>\$120 274 00</u>

### Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Admiral Heating and Ventilating, Inc.	Oxygen piping work	Medical Research Laboratory Addition \$ 5 583 00
Fries Walters Company	Cost-plus contracts — electrical	Hospital Addition Building Medical Research Laboratory Addition 2 996 00
Ideal Heating Company	Heating work	Florida Avenue Residence Halls 9 807 00
Jamar-Olmen Company	Ventilating and sheet metal work	University Hall 5 110 00
Dolores Miller and Associates, Ltd.	Interior design	Undergraduate Library 5 100 00
Simpson Construction Company	General work	Hospital Addition Building 16 138 00
<i>Total</i>		<u>\$48 760 00</u>

**Summary**

Amount to be paid to the University.....	\$474 674 00
Amount to be paid by the University.....	65 972 00

This report was received for record.

**QUARTERLY REPORT OF THE COMPTROLLER**

(27) The Comptroller presented quarterly reports to the Board as of September 30, 1967, and as of December 31, 1967.

These reports were received for record, and copies have been filed with the Secretary of the Board.

**INVESTMENT REPORT****Report of the Finance Committee**

(28) The Finance Committee reported the following changes in investments of endowment funds for the month of December, 1967:

*Pool**Sale*

\$50 000 Associates Investment open-end demand notes.....	\$ 50 000 00
34 000 Commercial Credit open-end demand notes.....	34 000 00
50 000 General Finance Corporation open-end demand notes.....	50 000 00
536 shares Standard Oil Company of California common stock.....	33 354 03

*Purchase*

\$45 000 Associates Investment open-end demand notes.....	45 000 00
300 shares Texas Instruments common stock.....	33 975 84

**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, for the month of December, 1967:

*Current Funds***FORD FOUNDATION — GENERAL ENGINEERING***Purchase*

\$25 000 U.S. Treasury bills due 2/1/68.....	\$ 24 764 74
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**RESTRICTED GROUP***Purchase*

\$1 000 000 Archer-Daniels-Midland notes due 4/4/68.....	984 375 00
--	------------

**ART OBJECTS***Sale*

\$46 000 CIT Financial open-end demand notes.....	46 000 00
64 000 U.S. Treasury bills due 10/31/68.....	60 954 56

*Purchase*

\$65 000 U.S. Treasury bills due 12/31/68.....	61 480 25
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*Construction Funds***ASSEMBLY HALL***Purchase*

\$272 000 U.S. Treasury bills due 11/30/68.....	257 843 00
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**DENTISTRY-MEDICINE-PHARMACY AUXILIARY (Medical Center)***Purchase*

\$ 66 000 U.S. Treasury bills due 2/29/68.....	65 188 42
51 000 U.S. Treasury bills due 4/25/68.....	49 912 92
30 000 U.S. Treasury bills due 5/23/68.....	29 208 05
200 000 U.S. Treasury 4¼ per cent notes due 8/15/68.....	198 250 00

**FLORIDA AVENUE RESIDENCE HALL***Purchase*

\$836 000 U.S. Treasury bills due 11/30/68.....	792 462 98
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## KRANNERT CONTRIBUTIONS

## Purchase

\$285 500 Cargill, Inc., 5½ per cent notes due 6/30/76..... 285 500 00

## MEDICAL CENTER BONDS OF 1964 AUXILIARY (Medical Center)

## Purchase

\$95 000 U.S. Treasury bills due 1/31/68..... 94 248 44

## UNION AND RESIDENCE HALL (Medical Center)

## Purchase

\$223 000 U.S. Treasury bills due 12/21/67..... 222 372 52

## ORCHARD APARTMENTS

## Purchase

\$473 000 U.S. Treasury bills due 11/30/68..... 447 970 02

*Sinking Funds*

## UNION AND RESIDENCE HALL (Medical Center)

## Purchase

\$28 000 U.S. Treasury 4 per cent bonds due 2/15/70..... 27 142 50

This report was received for record.

### AUTHORIZATION FOR PARTICIPATION IN THE ESTABLISHMENT OF THE CHICAGO REGIONAL DENTAL RESEARCH INSTITUTE

(29) The College of Dentistry recommends that the University of Illinois join three other universities in Chicago and the American Dental Association in establishing a multi-institutional center for research and advanced study in the basic and clinical sciences related to oral health and disease—to be called “the Chicago Regional Dental Research Institute.”

The proposed institute would be established under a program sponsored by the National Institute of Dental Research which is a branch of the National Institutes of Health (United States Department of Health, Education, and Welfare). The guidelines established by the National Institute of Dental Research for such an Institute require that the participating institutions execute a *Memorandum of Agreement* which would commit them to establishing a not-for-profit corporation to administer the proposed organization and handle its funds. The proposed *Memorandum of Agreement* appears below.

It will be noted that each of the participating institutions “agree to make available to the Institute the sum of \$10,000 to cover its early administrative activities and to commit up to an additional \$15,000 each, if needed, to cover additional expenses which the Institute might incur.” In the event that the proposal is approved by the National Institute of Dental Research, and the new corporation established, the University’s share of the funds required would be provided from non-state sources (the Contract Research Reserve at the Medical Center campus). Furthermore, it is anticipated that indirect-cost income from expected grants would offset the commitments of funds required under the *Memorandum of Agreement*.

The Chancellor at the Medical Center campus, the Executive Vice-President and Provost, the Vice-President and Comptroller, and the Legal Counsel endorse this recommendation.

I concur.

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

### Memorandum of Agreement

*This Memorandum of Agreement* made and entered into this \_\_\_\_ day of \_\_\_\_\_, by and between University of Chicago, University of Illinois, Loyola University of Chicago, Northwestern University, and American Dental Association.

### *Witnesseth:*

WHEREAS, the parties hereto propose to create and be active, joint participants in a multi-institutional center for research and advanced study in the basic and clinical sciences related to oral health and disease as a regional resource for dental research in the greater Chicago area,

*Now, Therefore*, in consideration of the premises and the promises hereinafter contained, the parties agree as follows:

1. The parties hereby establish and agree to be active participants in the Chicago Regional Dental Research Institute. The purpose of the Institute is to conduct a center for research and advanced study in the basic and clinical sciences related to oral health and disease.
2. To the extent feasible and practicable, the parties, as joint participants, agree to encourage and permit outstanding investigators from their respective institutions to perform research within the framework of the Institute and further to make available their respective laboratories and equipment for use in the performance of Institute programs. The aforementioned phrase "to the extent feasible and practicable" shall mean, wherever such phrase appears in this Memorandum of Agreement, as follows: to the extent that no undue burden or interference with other necessary activities of any party will result.
3. The parties agree to form and develop the Institute as an effective and stable administrative structure to further scientific progress in the field of oral research pursuant to the guidelines for dental research institutes which have been promulgated by the National Institute of Dental Research of the United States Government. To achieve such an avowed administrative structure, the parties will soon cause a corporation to be formed under the general not-for-profit statutes of the State of Illinois for the purpose of administering the Institute and handling and managing its funds.
4. Each of the parties agrees to make available to the Institute the sum of \$10,000 to cover its early administrative activities and to commit up to an additional \$15,000 each, if needed, to cover additional expenses which the Institute might incur.
5. In keeping with the needs of both the programs which the Institute will conduct and the capabilities of each of the parties, each of the parties agrees to permit, to the extent from time to time feasible and practicable, its scientists from the physical, biological and behavioral disciplines to perform services for the Institute in collaboration with the scientists from the other parties. Further, again to the extent feasible and practicable, the parties agree to permit the use of each party's facilities, including laboratories and equipment, by the scientific representatives of the other parties.
6. Each of the parties agrees to share the costs, to the extent necessary, of the administration and programs of the Institute and to realize reimbursement only to the extent that third parties will pay for such costs, including direct and indirect costs and overhead.
7. To facilitate execution, the parties agree that this Memorandum of Agreement may be signed in counterparts with the same effect as though all the parties signed one and the same copy.

*In Witness Whereof*, the parties hereto have caused this Memorandum of Agreement to be executed all on the day first above written.

UNIVERSITY OF CHICAGO

UNIVERSITY OF ILLINOIS

LOYOLA UNIVERSITY OF CHICAGO

NORTHWESTERN UNIVERSITY

AMERICAN DENTAL ASSOCIATION

Attest : \_\_\_\_\_

#### EXCHANGE OF PROPERTY

(30) The President recommends, upon request of the Athletic Association of the University of Illinois, that the Board authorize the exchange of University-owned property on Church Street in Savoy, Champaign County, Illinois (a tract of land, approximately 1,650 feet by 150 feet, located at the north side of the golf course),

for Athletic Association-owned property north of the University of Illinois-Willard Airport access road, Champaign County, Illinois (a tract of land, approximately 2,600 feet by 158 feet, subject to public and private easements, located at the south side of the golf course).

The exchange is mutually advantageous to both the University and the Athletic Association, in that the exchange will prevent undesirable development of the area, and will permit improvement of the airport access road in the future.

Adoption of the following resolution is 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, with its principal office in the City of Urbana, in the County of Champaign, and State of Illinois, that upon title to the following-described property being conveyed to this public corporation by The Athletic Association of the University of Illinois, a not-for-profit corporation of the State of Illinois, viz :

That part of the South East Quarter (SE  $\frac{1}{4}$ ) of Section Two (2), in Township Eighteen North (T-18-N), Range Eight East (R-8-E) of the Third Principal Meridian (3rd P.M.) in the County of Champaign and State of Illinois, described as follows :

The South One Hundred Fifty-eight feet (158') of said South East Quarter (SE  $\frac{1}{4}$ ) of Section Two (2), subject to any private or public easements or rights-of-way; and subject to an easement for street purposes retained by the Grantor described as follows: The West Sixty feet (60') of the East One Hundred Eighty feet (180') of the South One Hundred Fifty-eight feet (158') of the said South East Quarter (SE  $\frac{1}{4}$ ) of Section Two (2); containing 9.43 acres, more or less, and all situated in Champaign County, Illinois;

that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized and directed, to execute, acknowledge and deliver, in the name and in behalf of, this public corporation, and under its corporate seal, a Warranty Deed and such other documents in connection therewith as said Comptroller and Secretary may deem necessary or desirable in order to convey to The Athletic Association of the University of Illinois, a not-for-profit corporation of the State of Illinois, with its principal office in the City of Champaign, in the County of Champaign, and State of Illinois, all right, title, and interest in and to the following-described property except that air rights shall be retained for the benefit of this public corporation, its successors and assigns, and the general public at large, for the free, unobstructed passage of aircraft, by whomsoever owned or operated, in and through the air space over and across the following-described property, Eight Hundred and Nineteen feet (819') Mean Sea Level, and above [The Northeast end of Northeast-Southwest Runway 22, University of Illinois-Willard Airport, is Seven Hundred Forty-four feet (744') Mean Sea Level elevation and therefore air rights will be retained in the air space over said property which is seventy-five feet or more than seventy-five feet higher than the elevation of the Northeast end of Northeast-Southwest runway 22.]; and provided that The Athletic Association of the University of Illinois, Grantee, its successors and assigns, shall be prohibited from constructing, permitting, or suffering to remain upon said lands any obstruction that extends above the heights aforesaid and that Grantee, its successors, and assigns shall not hereafter use or permit or suffer use of the following-described property in such a manner as to create electrical interference with radio communication between the installation upon the University of Illinois-Willard Airport and aircraft or as to make it difficult for fliers to distinguish between airport lights and others, or as to result in glare in the eyes of fliers using the said airport, or as to impair visibility in the vicinity of the airport, or as otherwise to endanger the landing, taking off or maneuvering of aircraft; to-wit:

That part of the North One Hundred Eighty-three feet (183') of the North East Quarter (NE  $\frac{1}{4}$ ) of Section Two (2), in Township Eighteen North (T-18-N), Range Eight East (R-8-E) of the Third Principal Meridian (3rd P.M.) in the County of Champaign and State of Illinois, described as follows: Beginning at a point Thirty-three feet (33') South and Five Hundred Thirty-eight and Ninety-seven Hundredths feet (538.97') West of the Northeast Corner of said Northeast Quarter (NE  $\frac{1}{4}$ ), and which point of beginning is



the Northwest Corner of the tract of land conveyed by The Board of Trustees of the University of Illinois, a public corporation, as Grantor, to The Athletic Association of the University of Illinois, as Grantee, by Warranty Deed dated November 24, 1958, and filed for record in the Recorder's Office of Champaign County, Illinois, on December 19, 1958, at 4:00 P.M., in Book 612 of Records on Page 114 as Document No. 621449, thence West One Thousand Six Hundred Fifty and Ninety-three Hundredths feet (1650.93') along a line Thirty-three feet (33') South of and parallel to the North line of said Section Two (2), thence South One Hundred Fifty feet (150') along a line parallel to the West line of said North East Quarter (NE ¼) thence East, One Thousand Six Hundred Fifty and Ninety-three Hundredths feet (1650.93') along a line parallel to the North line of said Section Two (2), thence in a Northerly direction to and along the West line of said tract of land conveyed by Grantor to Grantee by said Warranty Deed dated November 24, 1958, One Hundred Fifty feet (150'), more or less, to the point of beginning, and all situated in Champaign County, Illinois, subject to building restrictions and easements of record.

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

#### CONSULTING SERVICES REGARDING OAKLEY DAM AND RESERVOIR PROJECT

(31) In accordance with the request of the Board of Trustees, this proposal is presented for the award of a contract to Harza Engineering Company, Chicago, to investigate alternatives to the 1966 Corps of Engineers plan for a conservation pool behind Oakley Dam and Reservoir, which will permanently inundate 600 acres of land in Robert Allerton Park. The objectives of the study are:

1. To identify and appraise very generally a broad range of concepts for water resource development and management projects as alternatives to the "higher" Oakley Reservoir.
2. To determine whether any of the alternatives are sufficiently promising to merit the expense of further in-depth engineering and economic investigation.
3. To design a program of investigation and analysis for detailed investigation of the promising alternatives.

Harza Engineering Company estimates that eight weeks would be required to complete the study, after which they will publish a report. They propose a fee of \$15,000 for the study and report.

Funds are available for this study from the income of Robert Allerton Farms.

The Chairman of the Buildings and Grounds Committee and all appropriate administrative officers have been consulted.

On motion of Mr. Grimes, the recommendation was approved with the understanding that the proposed fee be appropriately reduced if the study should indicate no need to proceed with item 3; this action was taken by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Jones, Mr. Swain; no, Mr. Pogue; absent, Mr. Hughes, Governor Kerner, Mr. Page, Dr. Weatherly, Mr. Williamson.

#### MIDYEAR DEGREES

The Secretary presented for record the following list of degrees conferred on candidates at Urbana-Champaign on February 15, 1968, in accordance with the authorization of the Board.

#### Summary

Graduate College	
Doctor of Philosophy.....	142
Doctor of Education.....	12
Doctor of Business Administration.....	1
Doctor of Musical Arts.....	2
Master of Arts.....	118
Master of Science.....	249
Master of Music.....	6

Master of Education.....	81
Master of Architecture.....	6
Master of Accounting Science.....	12
Master of Business Administration.....	13
Master of Commerce.....	1
Master of Landscape Architecture.....	2
Master of Urban Planning.....	4
Advanced Certificate in Education.....	3
Certificate of Advanced Study in Librarianship.....	1
<i>Total, Graduate College.....</i>	<i>(653)</i>
College of Agriculture	
Bachelor of Science.....	74
College of Engineering	
Bachelor of Science.....	262
College of Liberal Arts and Sciences	
Bachelor of Arts.....	206
Bachelor of Science.....	114
<i>Total, College of Liberal Arts and Sciences.....</i>	<i>(320)</i>
College of Law	
Doctor of Law.....	22
College of Education	
Bachelor of Science.....	52
College of Commerce and Business Administration	
Bachelor of Science.....	77
College of Journalism and Communications	
Bachelor of Science.....	13
College of Fine and Applied Arts	
Bachelor of Architecture.....	23
Bachelor of Fine Arts.....	29
Bachelor of Music.....	4
Bachelor of Science.....	14
Bachelor of Landscape Architecture.....	1
Bachelor of Urban Planning.....	3
<i>Total, College of Fine and Applied Arts.....</i>	<i>(76)</i>
College of Physical Education	
Bachelor of Arts.....	2
Bachelor of Science.....	27
<i>Total, College of Physical Education.....</i>	<i>(29)</i>
College of Veterinary Medicine	
Bachelor of Science.....	1
<i>Total, Degrees Conferred at Urbana-Champaign.....</i>	<i>1,579</i>

#### GRADUATE COLLEGE

##### Degree of Doctor of Philosophy

###### *In Accountancy*

FLOYD ALAN BEAMS, B.Sc., M.A., University of Nebraska, 1959, 1961

DOUGLAS ROY CARMICHAEL, B.S., M.A.S., 1963, 1964

LUCY LU-CHEN CHAO, B.S.B.A., National Taiwan University, 1963; M.A.S., 1964

MELVIN THEODORE McCCLURE, B.A., University of Maine, 1957; M.S., 1960

###### *In Aeronautical and Astronautical Engineering*

BRUCE K. DONALDSON, A.B., B.S., Columbia University, 1954, 1955; M.S. (Mathematics), M.S. (Aeronautical Engineering), Wichita State University, 1962, 1963

RALPH BARRY GILBERT, B.S., M.S., 1962, 1964

THOMAS JAMES MCDANIEL, B.S., M.S., 1962, 1964

RONG CHUNG SHIEH, B.S.E., National Taiwan University, 1956; M.S.E., University of Michigan, 1962; Mech.Engr., Columbia University, 1965

*In Agricultural Economics*

- PRECIOSO CAYAMANDA KUHONTA, B.S.A., M.S., University of the Philippines, 1957, 1960; M.A., Vanderbilt University, 1964  
IAN WILLIAM MARCEAU, B.Sc.Agt., M.Sc.Agr., University of Sydney, 1963, 1966  
DONALD ALEXANDER MUIR, B.Ag.Ec., University of New England, 1962; M.S.A., University of Toronto, 1964

*In Agronomy*

- ISABELO SUELO ALCORDO, B.S.A., University of the Philippines, 1958; M.S., University of Hawaii, 1963  
TAYLOR JIMMIE JOHNSTON, B.S., University of Tennessee, 1963; M.S., 1965  
WILLIAM ARTHUR KRUEGER, B.S., University of Minnesota, 1963  
WILLIAM EVERETT LUESCHEN, B.S., Southern Illinois University, 1964; M.S., 1966  
WILLIAM DEAN REISS, B.S., M.S., Southern Illinois University, 1960, 1961  
HARI LAL SINGH TANDON, B.Sc., Uttar Pradesh Agricultural University, 1963; M.S., 1965

*In Anthropology*

- WILLIAM LEE ALLEN, B.A., University of California (Santa Barbara), 1963  
HARVEY RUSSELL BERNARD, B.A., Queens College, 1961; A.M., 1963

*In Astronomy*

- PAUL DEAN LEE, B.S., M.S., 1963, 1965

*In Biology*

- ISAAC MOSES SELIGMAN, B.Sc. (Hons.), University of the Witwatersrand, 1962

*In Biophysics*

- JOHN CLINGMAN MUNDAY, JR., A.B., Cornell University, 1962  
GEORGE PAPAGEORGIOU, Dipl., Aristotelian University of Thessaloniki, 1958

*In Botany*

- RICHARD HAROLD FALK, B.S., M.S., 1964, 1965  
JULIAN MYRON FRANKENBERG, B.S., 1961; M.S., University of Minnesota, 1963

*In Business*

- ABD-ALLAH ABD-EL-HALIM AHMED ABO-BAKER, B.Com., Ain Shams University, 1960; M.S., 1964

*In Ceramic Engineering*

- RUSSELL LEE BOLTON, B.S., M.S., 1955, 1959  
LAWRENCE LEE MARTIN, B.S., M.S., 1963, 1964

*In Chemical Engineering*

- HARALAMBO DIMOPULOS, B.S.Ch.E., Robert College (Istanbul); M.S., 1965  
DOUGLAS STEVEN PRENSNER, B.S., University of Texas, 1963; M.S., 1965  
GENE DOUGLAS ROSE, B.S., University of North Dakota, 1963; M.S., 1965  
DONALD ERNEST WOODMANSEE, B.Ch.E., University of Delaware, 1963; M.S., 1965

*In Chemistry*

- EARL GIFFORD ALLEY, B.S., M.S., Mississippi State College, 1959, 1961  
JON MICHAEL BALDWIN, A.B., Villa Madonna College, 1962  
JAMES BILLET, B.S., Wheaton College, 1964; M.S., 1966  
EDWARD BROMELS, B.S., Purdue University, 1961; M.S., 1963  
AUDREY OWEN COHEN, B.S., Carnegie Institute of Technology, 1964  
ROBERT JOSEPH CROUCH, B.S., Southern Methodist University, 1961; M.S., 1962  
EL-HUSSIENY MOHAMED MOHAMED DIEFALLAH, B.Sc., Ain Shams University, 1959; M.S., University of Chicago, 1963  
DONALD HARVEY DUGRE, B.S., University of Massachusetts, 1961  
ROSALINA SUSSMANN FOGLESONG, B.A., Wellesley College, 1963; M.S., 1965  
WILLIAM DONALD FOGLESONG, JR., B.S., Marshall University, 1963; M.S., 1965  
JOAN MARTHA FRIEDLAND, B.S., Cornell University, 1959; M.S., 1964

DONALD STANFORD HETZEL, B.A., Ohio Wesleyan University, 1963; M.S., 1965  
 DAVID ERNEST HYATT, A.B., Colgate University, 1964; M.S., 1966  
 MILDRED CORINE MCDANIEL, B.S., University of Texas, 1963; A.M., 1965  
 JOHN FRANKLIN NIBLACK, B.S., Oklahoma State University, 1960; M.S., 1965  
 ANTHONY VICTOR NOWAK, B.S., Loyola University, 1960; M.S., Northern Illinois University, 1963; M.S., 1965  
 KEITH RAY SHELTON, B.A., University of Virginia, 1963  
 ROBERT EDWIN TAPSCOTT, B.S., University of Colorado, 1964

*In Civil Engineering*

EDWARD HENRY BULTMANN, JR., B.S.E., Tulane University of Louisiana, 1952; M.S., 1954  
 EZIO FACCIOLI, Laurea, Politecnico di Milano, 1964  
 RICHARD HOLT GATES, B.S., United States Military Academy, 1960; M.S., 1964  
 RAVINDAR KUMAR KINRA, B.Tech., Indian Institute of Technology (Kharagpur), 1962; M.A.Sc., University of British Columbia, 1964  
 JOHN YOUNG LAI, B.S.C.E., University of the Philippines, 1962; M.S., 1964  
 NACHMAN MARCUS, B.Sc.C.E., Ing., M.Sc.C.E., Technion, Israel Institute of Technology, 1952, 1953, 1962  
 DAVID ALFRED WILLIAM PECKNOLD, B.A.Sc., University of British Columbia, 1965; M.S., 1966

*In Classical Philology*

STEPHEN CARY SHUCARD, B.A., Brooklyn College, 1962

*In Communications*

JAMES FORREST EVANS, B.S., Iowa State College, 1954; M.B.A., University of Chicago, 1961  
 ROBERT BARRY FULTON, B.S., M.A., Pennsylvania State University, 1960, 1962  
 WILLIAM DANIEL RYAN, A.B., M.S., 1954, 1960  
 NOEL AVON WILSON, B.A., University of Idaho, 1938; A.M., University of Missouri, 1960

*In Comparative Literature*

ROGER BARTON JOHNSON, JR., B.A., University of Southern Mississippi, 1963; A.M., 1966

*In Dairy Technology*

SURJAN SINGH, M.Sc.Ag., Agra University, 1961

*In Economics*

LOUIS WARREN RITTSCHOF, A.B., M.S., 1957, 1962  
 FRANKLIN DELANO VAN BUER, B.S.Ed., M.A., Northern Illinois University, 1960, 1964

*In Education*

ALAN LARRY BALTER, B.S., M.S., 1960, 1962  
 JOHN ROMNEY PYPER, B.A., Brigham Young University, 1961; M.S., 1964  
 ROBERT EARL RECTOR, B.S., M.S., Indiana State University, 1951, 1952; A.M., 1961  
 OMER WILLIAM RENFROW, B.A., Yale University, 1942; B.E., M.Ed., University of Cincinnati, 1947, 1950  
 IVAN AUGUSTINE SNOOK, B.A., M.A., University of Canterbury, 1962, 1965  
 ERNEST DAVID WASHINGTON, A.B., Southern Illinois University, 1958; A.M., 1965

*In Electrical Engineering*

CHUSHIN AFUSO, B.Eng., Yokohama National University, 1956; M.S., 1961  
 JACK JULES BOURQUIN, B.S.E.E., Texas Western College, 1958; M.S.E.E., New Mexico State University, 1962  
 KENNETH JAMES BREEDING, B.S., M.S., 1963, 1965  
 ALFRED, CHO, B.S., M.S., 1960, 1961  
 DAVID KUO-KIEN CHOW, B.Sc., Taiwan Provincial Cheng Kung University, 1958; M.S., Marquette University, 1963  
 ROGER CHARLES CONANT, B.S.E.E., Purdue University, 1961; M.S., 1963  
 PAUL GATES INGERSON, B.S., M.S., 1960, 1962  
 DIETER KARL SCHRODER, B.Eng., M.Eng., McGill University, 1962, 1964

DANIEL TABAK, B.S., M.S., Technion, Israel Institute of Technology, 1959, 1963  
ROBERT JOHN TRACEY, B.S.E.E., Illinois Institute of Technology, 1963; M.S., 1965

*In English*

JEROME STEELE DEES, A.B., Catawba College, 1958; M.A., Florida State University, 1961

THOMAS KING EHRET, B.S., University of Colorado, 1955; A.M., 1959

RICHARD EUGENE HUTSON, A.B., A.M., 1957, 1959

SISTER PATRICIA KENNEDY, B.A., Mount Saint Scholastica College, 1951; M.A., Catholic University of America, 1961; Ed.M., 1958

DAVID QUINTIN SMITH, A.B., Columbia University, 1960; M.A., New York University, 1963

WILLA FERREE VALENCIA, B.A., Bob Jones University, 1950; M.Ed., University of Chattanooga, 1957; M.A., University of Tennessee, 1962

JOHN ALBERT VIA, B.A., Baylor University, 1959; M.A., Mississippi State University, 1961

*In Entomology*

ALY ABDEL-MEGUID ABOU-ALY, B.S., M.S., Ain Shams University, 1955, 1960

WILLARD HENRY FOGAL, B.A., M.A., University of Saskatchewan, 1962, 1964

LANCE GEORGE PETERSON, B.A., University of Minnesota, 1962

*In French*

PATRICK DAVID PERSAUD, A.B., A.M., 1962, 1963

*In Geography*

THOMAS JOSEPH MARESH, B.A., Washington State University, 1962

*In History*

KENNETH GLENN MADISON, A.B., A.M., 1962, 1963

*In Library Science*

ISAAC THOMAS LITTLETON, A.B., University of North Carolina at Chapel Hill, 1943; M.A., University of Tennessee, 1950; M.S., 1951

*In Linguistics*

ROBERT PAUL FOX, B.S., M.S., Georgetown University, 1960, 1962

*In Marketing*

IRENE LYDIA LANGE, B.S., M.S., 1960, 1962

*In Mathematics*

SURJIT SINGH KHURANA, M.A., Panjab University, 1955

CHARLES GOMER THOMAS, B.A., Pomona College, 1962; B.A. (Hons.), University of Cambridge, 1964

WALDEMAR CARL WEBER, B.S., United States Naval Academy, 1959; M.S., 1964

RONALD CLYDE WEGER, A.B., William Jewell College, 1962; A.M., 1964

*In Mechanical Engineering*

JAMES JOSEPH STUKEL, B.S.M.E., Purdue University, 1959; M.S., 1963

ROBERT ARTHUR WALLHAUS, B.S., M.S., 1960, 1962

*In Metallurgical Engineering*

EMMANUEL DE LAMOTTE, Eng.Physicist, State University of Liege, 1962; M.S., 1963

*In Microbiology*

SAMUEL FOGEL, B.S., Philadelphia College of Pharmacy and Science, 1960; Hahnemann Medical College, 1963

*In Nuclear Engineering*

DAVID EWING COATES, B.A.Sc., University of Toronto, 1951; M.S., 1962

YO TAIK SONG, B.E., Yonsei University, 1954; M.S., 1962

*In Philosophy*

STEVEN DAVIS, A.B., University of Rochester, 1960; A.M., 1964  
GEORGE HALSEY DOUGLAS, A.B., Lafayette College, 1956; A.M., Columbia University, 1964

*In Physical Education*

KARL FRANKLIN MUNSON, B.S., 1950; M.S., Indiana University, 1954

*In Physics*

MARVIN BLECHER, A.B., Columbia University, 1962; M.S., 1964  
ARTHUR ROGER COOKE, S.B., Massachusetts Institute of Technology, 1962; M.S., 1964  
CHOOCHON LEE, B.S., M.S., Seoul National University, 1953, 1957  
JERROLD LLOYD McNATT, B.S., Wheaton College, 1962; M.S., 1963  
JOSEPH ANDREW MOYZIS, JR., A.B., M.S., 1957, 1958  
NASRALLAH FARES NASRALLAH, B.S., American University of Beirut, 1961; M.S., 1964  
JOSEPH FRANCIS THOMAS, JR., B.E.P., Cornell University, 1963; M.S., 1965  
LYNN JAMES VERHEY, B.A., Kalamazoo College, 1962; M.S., 1964

*In Physiology*

VYTAUTAS UZGIRIS, A.B., B.S., M.D., 1958, 1959, 1961

*In Plant Pathology*

CECIL GERALD VAN DYKE, B.S., Eastern Illinois University, 1963; M.S., 1966

*In Political Science*

MACK HENRY JONES, B.A., Texas Southern University, 1962; A.M., 1964  
YUNG HO PARK, B.A., Montana State University, 1960; A.M., 1964  
LAURELLEN PORTER, A.B., A.M., 1954, 1958

*In Psychology*

EDWARD LEE HOFFMAN, A.B., 1960  
STUART MERRIL KEELEY, B.A., Coe College, 1963; A.M., 1966  
LARRY RICHARD KILLIAN, B.A., Texas Christian University, 1960; A.M., 1965  
ELEN FRED A ROSEN, B.A., Carleton College, 1962; A.M., 1965  
RALPH WILLIAM TRIMBLE, B.S., University of Iowa, 1963

*In Sanitary Engineering*

MILLARD WAYNE HALL, B.E., Vanderbilt University, 1962; M.S., 1963

*In Sociology*

ROBERT EVAN COLE, B.A., Hobart College, 1959; A.M., 1962

*In Spanish*

MARCIA SIMPSON LEWIS, A.B., College of Notre Dame (Maryland), 1961; A.M., 1962

*In Speech*

RAYMOND LOUIS FISCHER, B.S., M.S., Eastern Illinois University, 1954, 1956  
HELEN VASILIOU MARTIN-TRIGONA, B.A., University of New Hampshire, 1940; A.M., Cornell University, 1942  
DALE EDWARD WOOLLEY, A.B., Washington University, 1958; A.M., 1960

*In Theoretical and Applied Mechanics*

JOSEPH PATRICK GALLAGHER, B.S.C.E., Drexel Institute of Technology, 1964; M.S., 1965  
TERRY FRANKLIN LEHNHOFF, B.S.M.E., M.S.M.E., University of Missouri at Rolla, 1961, 1962  
RICHARD WILLIAM WEEKS II, B.S., Swarthmore College, 1964; M.S., California Institute of Technology, 1965

*In Veterinary Medical Science*

DONALD LOUIS DAWE, B.S., University of Wisconsin, 1959; D.V.M., Iowa State University of Science & Technology, 1963; M.S., 1965

ABDELLATIF EL-ZEIN, D.V.M., University of Toulouse (France), 1960; M.S., 1965  
WALDIR MARINHO PEDERSOLI, Dipl.Vet.Med., University of Minas Gerais (Brazil),  
1956; M.S., 1965

*In Zoology*

SUE YING LEE, B.S., M.S., State University of New York (Albany), 1961, 1963

**Degree of Doctor of Education**

*In Education*

MENNO DILIBERTO, B.S., M.A., Kent State University, 1961, 1962  
ERNEST ROBERT HOUSE, A.B., Washington University, 1959; M.S., Southern Illinois University, 1964  
PATRICIA ANN JAKUBOWSKI, B.S., Wisconsin State University (Oshkosh), 1963; Ed.M., 1965  
THOMAS RONALD JENSEN, B.S., Brigham Young University, 1958; Ed.M., 1961  
PHILIP ROBERT LUHMANN, B.S., Ed.M., 1954, 1960  
LEON ALBERT MAYER, B.S., Southern Illinois University, 1951; M.S., 1956  
WARREN NOBORU SUZUKI, B.S., Ed.M., 1963, 1964  
ALICIA CATHERINE TILLEY, B.A., Southeastern Louisiana College, 1941; M.Ed., University of Texas, 1955  
MARVIN WILLERMAN, B.S., Northern Illinois University, 1951; Ed.M., 1952  
KENNETH EMERSON WYATT, B.S., M.Ed., University of Oregon, 1951, 1954

*In Music Education*

FORREST KENT CAMPBELL, B.M., University of Kentucky, 1952; M.S., 1953  
JOHN NEWTON MAHARG, B.S.M., Capital University, 1942; Ed.Mus.M., Oberlin College, 1952

**Degree of Doctor of Business Administration**

JOHN DONALD FORSYTH, B.A., Queen's University, 1958; M.B.A., University of Detroit, 1962

**Degree of Doctor of Musical Arts**

JAMES STANLEY BALLINGER, B.Mus., University of Wichita, 1950; Mus.M., Oberlin College, 1953  
MALCOLM BILSON, A.B., Bard College, 1957; M.M., 1962

**Degree of Master of Arts**

*In Anthropology*

GUY THEODORE ASHTON, A.B., Grinnell College, 1963  
CAROL BERMAN STACK, A.B., University of California, 1961

*In Art Education*

JOAN MOROSKY DUBSON, B.F.A., 1965  
RICHARD TIMOTHY LAGEOSE, B.F.A., 1966  
TRACY BYROM WINKLER, B.F.A., 1963

*In Art History*

SUSANNE LUCIENNE PHILIPPSON CURCIC, B.F.A., 1963  
BARBARA JEAN WALTHER, B.A., University of Washington, 1954

*In Chemistry*

KATHERINE SUE COOK, A.B., Drury College, 1965

*In Classics*

LINDA STONEALL DAMMERS, B.A., Lawrence University, 1966

*In Comparative Literature*

BERTEL SIGFRED PEDERSEN, Aarhus University

*In Economics*

DONALD EDWARD BAER, B.A., Michigan State University, 1963

CORINNE ANN GUNTZEL, B.A., Carleton College, 1964  
ROBERT EDMOND SIEBERT, B.A., St. Procopius College, 1965  
THOMAS ALBERT WESSELS, A.B., St. Benedict's College, 1966

*In Education*

THOMAS HUGH ANDERSON, A.B., Antioch College, 1963  
RITA SANDRA MINTZ, A.B., Hunter College, 1966  
SHELLEY WEXLER SORANI, B.A., Barnard College, 1964

*In English*

INEZ LARSON ALFORS, B.A., Concordia College, 1965  
ROY MELVIN ANKER, B.A., Hope College, 1966  
RONALD GARTH EPPEL, B.A., Roosevelt University, 1963  
CHARLES EDWARD GOLDSTEIN, A.B., 1966  
DESMOND McLAWRENCE HAMLET, B.A., Inter American University of Puerto Rico, 1958; B.D., Waterloo Lutheran University, 1961  
SHARON KAY SMITH HULT, A.B., 1966  
MARSHA ANNE MCCREADIE, A.B., Syracuse University, 1965  
BARBARA MEIHOFER SAWDEY, A.B., University of Michigan, 1966  
MICHAEL RAYNOR SAWDEY, A.B., University of Michigan, 1966  
MARGARET LEE WALL SUMMERS, A.B., Greenville College, 1961  
PATRICIA DEYOUNG TIGCHELAAR, A.B., Calvin College, 1963

*In French*

CARLA MINETTE GINZE, A.B., 1964  
DANIELLE DITLOVE GORDON, B.Mus., Roosevelt University, 1963  
RONALD DAVID GORDON, A.B., 1965  
DOMINIQUE LUCIENNE SONIER, Licence, Universite de Paris, 1964

*In Geography*

ROBERT SCOTT ROUSE, A.B., 1966

*In German*

SONJA EVA KIELHORN HUXHOLD, A.B., 1965  
CHRISTA KIRSCHNER JACOBS, A.B., 1965  
LARRY THOMAS KERKHOFF, B.Mus., 1964  
THOMAS WILLIARD SMITH, A.B., Heidelberg College, 1965

*In History*

STEPHEN DAVID AUERBACH, B.A., Haverford College, 1966  
GARY BAKER BLUMENSHINE, B.A., Northwestern University, 1966  
JAMES FALVEY BOGUE, A.B., Harvard University, 1965  
GERALDINE HANCOCK FORBES, B.Ed., University of Alberta, 1965  
DONALD ROBERT HICKEY, A.B., 1966  
ELIZABETH ANN HOORNAERT, B.A., University of Chicago, 1966  
THOMAS LAWRENCE JAROM, B.A., Cornell College, 1966  
CATHARINE HAMILTON KAPPAUF, A.B., Vassar College, 1940  
JOSEPH FRANCIS MERRIMAN, B.A., Marquette University, 1965  
RICHARDS CLINTON OSBORN, JR., A.B., 1962  
CHARLES JOSEPH SLOVAK III, B.A., Marietta College, 1966  
GEOFFREY PRINCE WILLIAMS, B.A., Colby College, 1966  
JOHN PATRICK WOLGAMOT, A.B., 1966

*In Labor and Industrial Relations*

DENNIS CRAIG CHEANEY, B.B.A., University of Texas, 1966  
DAVID FRANK DEPCIK, B.S., Illinois Institute of Technology, 1967  
DENNIS CHARLES FILLIPPO, B.A., Carthage College, 1966  
MICHAEL JOSEPH MARMO, B.A., City University of New York (Brooklyn), 1965  
MARK LAWLER TENNISON, B.A., Hamline University, 1966  
JEFFREY BLAKE WINTON, B.S., 1966

*In Mathematics*

JOAN THERESE BENSON, B.S., Marquette University, 1966  
ERIC FRANKL, A.B., University of Rochester, 1966



LAWRENCE JOSEPH HENSCHEN, A.B., 1966  
NICETA BUSTAMANTE LABRADOR, B.Sc.Ed., University of Santo Tomas, 1952  
STEPHEN JOHN MONDY, B.S., 1966  
BERNARD MICHAEL WAXMAN, B.S.A., Washington University, 1966  
WILLIAM EDWARD WRIGHT, B.A., Southern Illinois University, 1966  
JANE YOSHIE YOSHIDA, A.B., University of California, 1966

*In Philosophy*

IVAN DON BELL, A.B., 1966  
JAMES ANDREW FULTON, B.A., Kansas State College of Pittsburg, 1965  
JOHN FREDERICK JOHNSON, B.A., Great Lakes College, 1947; Th.M., Th.D., American Bible College, 1953, 1954; M.Ed., Marquette University, 1965; S.T.M., Lutheran School of Theology, 1965  
WILLARD MARSHALL MILLER, A.B., 1966

*In Political Science*

LYNDA SHIRLEY TEPPER CARLSON, B.A., City University of New York (Brooklyn), 1965  
LAUREL MADSEN CHURCH, A.B., 1966  
IRENE FRASER, B.A., Chatham College, 1966  
LAWRENCE VERNON GRANT, B.A., Washington State University, 1964  
THOMAS ROBERT KITSOS, B.S., Eastern Illinois University, 1964  
MARTIN LUBIN, B.A., McGill University, 1961  
PAMELA CASWELL TILLING, A.B., Gettysburg College, 1963

*In Psychology*

KAREN VEAZIE DAVIS, A.B., San Diego State College, 1965  
LAWRENCE DONALD EWERT, B.S., 1965  
JACK MICHAEL FELDMAN, B.S., 1966  
SHARON RUTH GITIN, A.B., Cornell University, 1965  
DAVID JOEL GREENBERG, B.S., Cornell University, 1964  
WILLIAM ARTHUR HOLZWORTH, B.A., Lawrence College, 1964  
EILEEN CAROLE KAPLAN, B.A., Queens College, 1966  
SANDRA RISA LEIBLUM, B.A., Brooklyn College, 1965  
MERRILEE RYDER LEWIS, A.B., 1964  
RALPH GEORGE LUBITZ, A.B., Boston University, 1959  
FRANK DEAN PAYNE, A.B., University of California, 1965  
ROBERT STEVEN SOBEL, B.A., State University of New York (New Paltz), 1966  
SUSAN HELENE TAUB, A.B., Knox College, 1964  
RICHARD CHARLES URBANO, B.S., Florida State University, 1965  
CLINTON BROCKWAY WALKER, A.B., Cornell University, 1957  
MYRON ALAN WHITMAN, A.B., Northwestern University, 1964

*In Russian*

WILLIAM EDWARD NAPIER, M.A., Dipl., University of Edinburgh, 1957, 1959; B.A., University of London, 1965

*In Social Sciences*

MARCELLA BISCHOFF RAINEY, B.S., Illinois State University, 1963

*In Sociology*

RALPH LELAND BLANKENSHIP, B.A., University of Northern Iowa, 1959  
AARON PHILIP DONSKY, A.B., 1965  
JOANN REINHARTSEN WEISS, B.S.N., St. Olaf College, 1962

*In Spanish*

FRANK FALCO, A.B., 1966  
LOIS RITA NAVID, A.B., University of California, 1966  
DAGOBERTO ORRANTIA, B.A., New Mexico Highlands University, 1966  
LYNNE CHARLOTTE STAECKE, B.A., Millikin University, 1965  
JOHN NEAL STRANGE, B.A., Florida State University, 1966  
STEPHEN JAMES SUMMERHILL, B.A., University of Toronto, 1966  
JOHN ADDISON VOORHEES, B.A., Berea College, 1965  
RINDA REBECA YOUNG, B.A., Wisconsin State University (Eau Claire), 1966

*In Speech*

GLORIA SUE COOK, B.A., Texas Christian University, 1966  
 MAXINE GAIL HOLLANDER, B.A., State University of New York (Buffalo), 1966  
 JON KEITH JENSEN, B.S., 1966  
 JEAN ANN NORTHCUTT, B.A., Southwest Missouri State College, 1965  
 JOHN WILLIAM RAVAGE, B.S., A.M., Ball State Teachers College, 1959, 1963

*In Statistics*

MARY ALICE SEVILLE, B.A., Southern Methodist University, 1964

*In the Teaching of English*

ELIZABETH ANNE BRUNER, A.B., 1966  
 LAMBERT GEORGE KERN, JR., A.B., Aurora College, 1962

*In the Teaching of English as a Second Language*

ACHAMMA COCHUVAVA COILPARAMPIL, B.A., Barat College of the Sacred Heart, 1966  
 JOSE PINHEIRO DE SOUZA, Licentiate, Catholic Faculty of Philosophy (Ceara), 1965

*In the Teaching of Social Studies*

DENIS JOHN BALLAK, B.S., Southern Illinois University, 1966  
 LEANDRO ALFRED BARTOLINI, A.B., Knox College, 1964  
 CHARLES EUGENE MILLER, B.A., Valparaiso University, 1960

*In the Teaching of Speech*

EVELYN NORVELLE SCHLIE, A.B., Olivet Nazarene College, 1957

**Degree of Master of Science***In Advertising*

WILLIAM VAL BEHRMANN, B.A., Michigan State University, 1965  
 DENNIS GEORGE COOK, B.S., 1967  
 JOSE DIONISIO FLORES, JR., Litt.B., University of Santo Tomas, 1966  
 DONALD WAYNE JUGENHEIMER, B.S., 1965  
 JOSEPH FRANCIS PALKO, B.S., 1967  
 JOHN FRANCIS WOODS, B.S., 1966  
 CARLOS LAWRENCE ZELLNER, A.B.J., University of Georgia, 1966

*In Aeronautical and Astronautical Engineering*

CLARK WESLEY BULLARD III, B.S., 1966  
 JOHN HSU, B.S., 1965

*In Agricultural Economics*

HOWARD RAY PEVERLY, B.S., 1966

*In Agricultural Education*

EARL BELL RUSSELL, B.S., University of Tennessee, 1966

*In Agricultural Engineering*

THOMAS WAYNE HOSLER, B.S.Ag.Eng., Purdue University, 1966  
 LYLE EUGENE STEPHENS, B.S., 1966

*In Agronomy*

STEVEN RAY WINTER, B.S., 1966

*In Animal Science*

MICHAEL MUREEN GEHRING, B.S., 1966  
 THOMAS JOSEPH HANRAHAN, B.Agr.Sc., University College (Dublin), 1964  
 DAN EDWARD HOGE, B.S., 1966  
 FREDERICK MELVIN MOHR, B.S., 1966

*In Architectural Engineering*

GERALD ALLEN BRIN, B.Arch., 1966  
 CHUNG-SHONG CHUANG, B.Arch., Ohio State University, 1966

RICHARD EUGENE JAMROZY, B.Arch., 1966  
DALE EINER LANGFOSS, B.Arch., 1966  
BYONG YONG PARK, B.Sc.Arch., Seoul National University, 1952  
ROBERT JOSEPH PERO, B.Arch., 1966  
HARRY MARIAM STITLE III, B.Arch., 1966

*In Astronomy*

JULIE HAYNES LUTZ, A.B., San Diego State College, 1965

*In Biophysics*

ROBERT EUGENE DYAR, B.S., Eureka College, 1966

*In Botany*

LAWRENCE FLORIEN KAMIN, B.A., St. Ambrose College, 1966

*In Ceramic Engineering*

ROBERT JOHN EAGAN, B.S., Alfred University, 1966

*In Chemical Engineering*

LUTHER DAVIS CLEMENTS, JR., B.S., Oklahoma State University, 1966  
RICHARD ALLEN GRIEGER, B.S.E., University of Michigan, 1965  
ALAN EDWARD LEVITON, B.S.Ch.E., Purdue University, 1965  
GARY DEAN SUMP, B.S., Oregon State University, 1965

*In Chemistry*

ROBERT JOSEPH BASALAY, B.S., Illinois Institute of Technology, 1965  
JANET WARNER BOYS, B.S., 1966  
MING-CHU HSU, B.S., National Taiwan University, 1966  
SHIH LO HSU, B.S., Taiwan Provincial Cheng Kung University, 1964  
STEVEN MARAIS HUNTOON, B.S., Iowa State University of Science and Technology, 1965  
DONALD EARL KOELTZOW, B.S.Chem., New Mexico Institute of Mining and Technology, 1966  
CHARLES RONALD KUTAL, A.B., Knox College, 1965  
TING-I LI, B.S., National Taiwan University, 1965  
WAYNE THOMAS SHIER, B.S., University of Waterloo, 1966  
DAVID ALEXANDER SIMPSON, B.S., Allegheny College, 1965  
OOK SONG, B.S., Seoul National University, 1965  
RANDOLH LIEN-CHIN TSAI, B.S., National Taiwan University, 1964

*In Civil Engineering*

CLYDE LYCURGUS ANDERSON, B.S., University of California (Los Angeles), 1966  
PAUL EDWIN ANDERSON, B.S., 1967  
LUIS FERNANDO BARROSO-AGUILAR, Ing.Civ., M.Ing., Instituto Tecnológico Y de Estudios Superiores de Monterrey, 1965, 1966  
NORMAN EUGENE BOYS, B.S., 1967  
BRIAN JOEL BRODER, B.S., 1966  
GILBERT CHARLES BRUNNHOEFFER, B.S., United States Military Academy, 1966  
MICHAEL BRENDAN BUCKLEY, B.E., B.E., National University of Ireland, 1957, 1959  
JOE DAVIS CAMPBELL, B.S., 1965  
SANTIAGO CORREA-LAVERDE, Ingeniero Civil, Universidad Javeriana (Bogota), 1964  
THOMAS MCCULLOUGH DAVIS, B.S., Drexel Institute of Technology, 1966  
ARTHUR CURT EBERHARDT, B.Arch.Engr., Iowa State University of Science and Technology, 1966  
AUGUSTO ESPINOSA SILVA, Ingeniero, National University of Colombia, 1966  
HOWARD FLUG, B.Engr., Cooper Union, 1966  
ALBERT JOSEPH GENETTI, JR., B.S., United States Military Academy, 1963  
CARL EDWIN HALE, B.S., 1967  
DAVID MICHAEL HENDRON, B.S.C.E., University of Kentucky, 1966  
ROBERT PETER KASSAWARA, B.S., Polytechnic Institute of Brooklyn, 1966  
ABOLGHASSEM KERAMATI, Fogh License, Tehran Polytechnic Institute, 1965  
MOHAMMAD AFZAL KHAN, B.E., Karachi University, 1963

WINSTON EDDIE KILE, B.S.C.E., Louisiana State University, 1966  
 WILLIAM ARNOLD KRUGER, B.S., University of Missouri (Rolla), 1959  
 TZU-JUNG KUO, B.S., 1966  
 DAVID LANNING, B.Eng., University of Sheffield, 1960  
 THOMAS LEON MARTIN, B.S., 1967  
 WILLIAM JOHN McCUTCHEON, B.Eng., Cooper Union, 1966  
 DONALD FRED MEINHEIT, B.S.C.E., Purdue University, 1966  
 ROBERT ADAM MILLER, B.S., Pennsylvania State University, 1963  
 WALTER HUGH MILLER, B.S., B.S., 1947, 1948  
 FERDINAND MOHAMMEDALI NATHANI, B.Eng., Osmania University, 1965  
 KEITH HERBERT NICOLAI, B.S., 1965  
 CARMELO AUGUSTO RODRIGUEZ, Ing.Civ., University of Santo Domingo, 1956  
 JUAN JOSÉ SALINAS PACHECO, Ing.Civ., Instituto Tecnológico de Monterrey, 1965  
 DANNY LEE SCHROTBERGER, B.S., 1966  
 DOUGLAS JOHN SEAGREN, B.S., 1967  
 CESAR AUGUSTO VEZGA TABORDA, Ing.Civil, University of Zulia, 1962

*In Dairy Science*

MICHAEL LOOBY, B.Agr.Sc., University College (Dublin), 1958

*In Economics*

RICHARD HUMMEL OGLE, B.E.E., University of Florida, 1962; A.M., 1964  
 HERBERT HINPOK TSANG, B.A., University of Washington, 1965

*In Education*

MAGNUS JONATHAN ATHANASIOS COLE, B.Sc., Dipl., University of Durham, 1960, 1961  
 DENNIS ROBERT HERSCHBACH, A.B., San Jose State College, 1960

*In Electrical Engineering*

SIMON BABIL, B.Engr., Pratt Institute, 1966  
 DAVID LEE BATES, B.S., 1966  
 YASAR NABI BAYAZIT, B.S., 1966  
 WILLIAM HENRY BLOCK, B.S., 1967  
 JOHN OLSEN BOESE, B.S., Agricultural and Mechanical College of Texas, 1966  
 ROBERT DANNER BURNHAM, B.S., 1966  
 HRAIR SARKIS CABAYAN, B.Engr., American University of Beirut, 1966  
 KENNETH EDWARD DAGGETT, B.S., Arizona State University, 1967  
 HARSHAD BHANUPRASAD DAVE, B.E., Gujarat University, 1965  
 WILLIAM DANIEL DOWNING, B.S., Milwaukee School of Engineering, 1963  
 NORMAN IRVING GINSBURG, B.S., Worcester Polytechnic Institute, 1961  
 ROBERT EARL GRISWOLD, B.S., 1964  
 JAMES EDWARD HALL, B.S., Grove City College, 1965  
 LARRY RAY HORSMAN, B.S.E.E., B.S.B.A., Louisiana Polytechnic Institute, 1966, 1966  
 DONALD RAY JEANBLANC, B.S., 1966  
 STEPHEN LOUIS KOWALEWSKI, B.A., Sacramento State College, 1964  
 PAUL ALBERT MILLER, B.S., 1967  
 KAZUO SEINO, B.Eng., Tokyo Metropolitan University, 1960  
 EDWARD HERMAN STREDDE, B.S., 1966  
 RONALD LEE WHITE, B.S.E.E., Purdue University, 1961

*In Entomology*

JAMES FRANCIS JANICKE, B.S., Roosevelt University, 1965  
 KEITH ALAN KEYT, B.S., Oregon State University, 1966  
 GERALD LEROY NORDIN, B.S., 1966  
 STEPHEN JOHN PARSHALL, B.S., Roosevelt University, 1965

*In Finance*

MELVIN ARMANDO MARINI, B.S., B.S., 1964, 1965

*In Forestry*

DALE DEWITT TUCKER, B.S., 1963

*In Geography*

SETH WIARD, JR., B.A., Norwich University, 1951

*In Geology*

DAVID WILLIAM ALLMAN, B.Sc., McMaster University, 1964  
RICHARD FRANCIS INDEN, B.S., University of Wisconsin, 1965  
ELEANOR WALTON MERRITT, A.B., Earlham College, 1962  
RAUF PISKIN, Dipl., Istanbul University, 1958

*In Home Economics*

GERTRUD GÖTZ, B.S., 1966  
WILLIE JEAN MALONE, B.S., Tuskegee Institute, 1962  
MARY ELIZABETH McDONALD, B.A., Culver-Stockton College, 1965  
LARONNA RUTH LUDWIG SAWIN, B.S.H.Ed., Iowa State University, 1966  
LOUELLEN WEST, B.S., Harding College, 1966

*In Industrial Engineering*

NAGAR VENKATRAMAN SRINIVASAN, B.E., Birla Institute of Technology & Science, 1964

*In Journalism*

WAYNE JAY ANDREWS, B.S., Butler University, 1966  
DOUGLAS CHARLES BALZ, B.S., 1966  
LAWRENCE KENNETH BEAUPRE, B.S., 1966  
RICHARD JOHN CARLSON, B.S., 1965  
JOHN EMMETT GRADY, B.S., 1966  
SHI-YONG KHIM, B.P.A., Korea University, 1963

*In Library Science*

WILMA CECILIA BANGIOLO, B.S., Eastern Illinois University, 1961; M.S., 1967  
CAROL BATES, B.A., East Texas State College, 1965  
SAMUEL ADAMS BETTY, B.S., Spring Hill College, 1965  
HELEN LEE PEELER CLEMENTS, B.A., Oklahoma State University, 1966  
BONITA JEAN DICKINSON, A.B., St. Louis University, 1966  
ROSEMARY FITZPATRICK, B.A., Parsons College, 1966  
CECILIA KENNEDY GAINES, B.A., Marycrest College, 1962  
MARGARET PHILLIPS GILLESPIE, B.S., 1927  
MARJO ANDREWS GRAY, B.S., Loyola University (Illinois), 1965  
WILLIAM JAMES HILL, JR., B.S., Eastern Illinois University, 1962  
WILLIAM DALE LINDGREN, A.B., A.M., Bradley University, 1959, 1960  
MARY KATHERINE LOWRY, B.A., Southern Illinois University, 1965  
JAMES NELSON MYERS, JR., B.A., Canisius College, 1963  
MARILYN SUE MYERS, B.A., Kansas State University, 1966  
VEENA VASANT PARALKAR, B.A., B.Lib.Sc., University of Bombay, 1964, 1965  
MARION MARGARET TAYLOR REID, B.S., 1966  
THOMAS MARTIN RUH, A.B., University of Kentucky, 1958  
FREDERICK WILLIAM RYAN, A.B., University of California (Riverside), 1963  
FRANCES E. SCHEIDEL, A.B., 1966  
ELLEN STEININGER, B.S., Thiel College, 1966

*In Management*

AHMED ABDEL-FATTAH ABDEL-HALIM, B.Com., Cairo University, 1961  
KENNETH ANTHONY JULIAN, B.S., 1967  
ROGER JOHN LONGO, B.S., New York University, 1963

*In Marketing*

JOSEPH ANTHONY CARUSO, A.B., St. Mary's College, 1964  
PAUL ERNEST GEDDIS, B.S., 1964  
PAUL RICHARD WINN, B.S., 1966

*In Mathematics*

KENNETH FRANK ARNOLD, B.S., 1966  
PATRICK DAVID CASSADY, B.S., Stanford University, 1966  
JOHN MICHAEL GEIST, B.S., Bradley University, 1966

WILLIAM LOUIS MROZEK, A.B., University of Michigan, 1966  
ONKAR NATH PANDIT, B.A., University of Jammu and Kashmir, 1954; M.A., University of Delhi, 1957  
STEVEN JAMES PERLMUTTER, B.S., University of Michigan, 1966  
AHMED RAMZY MOSTAFA SOUROUR, B.S., Cairo University, 1964  
FRED ALAN STAHL, B.S., 1966  
RAMANI VASUDEVAN, M.S., University of Delhi, 1962  
GOPALAKRISHNAN VIJAYALAKSHMI, B.Sc., M.Sc., University of Poona, 1962, 1964  
JONATHAN LANGWICK WILKIN, B.S., 1966  
WILLIAM LAURENCE YOUNG, B.S.Eng.Sci., Purdue University, 1963

*In Mechanical Engineering*

KENNETH ROBERT CARLSON, B.S., Milwaukee School of Engineering, 1960  
VISHWAS VISHWANATH DEVAL, B.E., University of Poona, 1966  
PHILLIP HARRIS FISHER, B.S., 1966  
ALAN HARMON HADLOCK, B.S.M.E., University of Toledo, 1962  
ROBERTO POLLAK HECHT, B.S., 1956  
PEDRO LEE KONG, B.S., Mapua Institute of Technology, 1965  
ARNOLD RUEBEN NESS, B.S., 1966

*In Metallurgical Engineering*

ALVIN PHILLIP GERK, B.S., 1965  
WILLIAM FRANK JANDESKA, JR., B.S., 1967  
GREGORY FRANCIS PASKIET, B.S., 1966

*In Microbiology*

PERRY SCOTT BINDER, B.S., 1964  
JANET WEISS ECKERLING, B.A., Northwestern University, 1966  
PAMELA JEAN FRAKER, B.S., Purdue University, 1966  
ROBERT ELMER KOCH, B.S., Muhlenberg College, 1964

*In Mining Engineering*

ANN CAROLINE BOCKES, B.S., Ithaca College, 1966  
JAMES ANSON DESHONG III, B.Mus.Ed., Millikin University, 1967  
GLENDA ANN HEWLETT, B.S., 1965  
JOHN LESLIE JOHNSTON, JR., B.S.Ed., Illinois State University, 1964  
ERNEST FRANKLIN RAGER, B.M., North Texas State University, 1963  
GIORGIO RANALLI, Dott.Scienze Geologiche, University of Rome, 1963  
ELAINE LOUISE STEVENSON, B.M., Muskingum College, 1966

*In Nuclear Engineering*

JOEL LEE GOODMAN, B.S., Cornell University, 1966  
GARY RICHARD THAYER, B.S., University of Nebraska, 1966

*In Physical Education*

JAMES HUNTER DUTHIE, Dipl., Loughborough Training College, 1947; Dipl., University of Birmingham, 1950  
PAUL ARTHUR JENSEN, B.A., Evansville College, 1965  
FRANCIS WILSON KEENAN, B.A., San Jose State College, 1965  
JOHN GREG SMITH, B.A., San Fernando Valley State College, 1966

*In Physics*

CHARLES EUGENE BOUCHER, B.S., University of Louisville, 1961  
BRUCE STILWELL BROWN, B.A., Miami University, 1966  
KAI-YUAN CHUNG, B.S., National Taiwan University, 1961  
JOHN STUART ESCHER, B.S., 1964  
MARTIN VINCENT FERER, B.S., University of Detroit, 1966  
ROBERT FRANCIS GRANDYS, B.S., 1966  
STANLEY TANNER JONES, B.S., Stanford University, 1966  
STEPHEN HOWARD KOEPPEN, B.S., University of Wisconsin, 1966  
JAMES ARTHUR KRABEC, B.S., 1966  
RICHARD LEE KUSPER, S.B.(Physics), S.B.(Mathematics), Massachusetts Institute of Technology, 1966, 1966  
ROBERT HENRY LACOMBE, B.A., Clark University, 1966

EARL RAY LEMAR, B.S., 1966  
JOHN SCOTT LOOMIS, B.S., Case Institute of Technology, 1966  
WILLIAM RINGLAND MONINGER II, B.A., Colorado College, 1966  
ALBERT GALLATIN MONTGOMERY, B.S., University of Florida, 1964  
CHARLES NICHOLS ORTON, B.S., Western Illinois University, 1966  
JAMES CARLTON PORTER, JR., B.S., University of Texas, 1966  
JEFFREY REST, B.S., 1966  
CHARLES EDWARD RIESE, B.S., University of Texas, 1966  
JULIAN GARY ROSENMAN, B.S., Kent State University, 1966  
PHILLIP NEIL SHERMAN, B.S., 1966  
DAVID WILLIAM STOWE, B.S., University of Wisconsin, 1966  
KENNETH DICK TERLEP, B.S., 1967

*In Physiology*

JOSEPH LOUIS JORDAN, B.S., Albany State College, 1966  
ANN KNABB SNYDER, B.S., Pennsylvania State University, 1965

*In Plant Pathology*

MARGARET JOAN MISCH, B.S., 1965  
GENE ROBERT SAFIR, B.S., Bates College, 1965  
ROBERT JOHN SLATTERY, B.S., University of Wisconsin, 1966

*In Psychology*

NATHAN KEIJI HARIMOTO, B.S., 1966  
HOWARD MCGUIRE, JR., B.S., 1966

*In Radio and Television*

YVONNE HERRING CALLAHAN, B.A., University of New Mexico, 1959

*In Recreation*

ANTHONY WAYNE ALFIERI, B.S., University of Florida, 1966  
SUSAN LANHAM CAMPBELL, B.S., 1965  
DOROTHY ELIZABETH OWENS, B.S., Lincoln University, 1941; M.A., Fisk University, 1944  
THOMAS ROBERT WALLIN, B.S., Southern Illinois University, 1965

*In the Teaching of Biological Sciences and General Science*

BARBARA ANNE BAILEY, B.S., University of Arkansas School of Medicine, 1966  
MELVIN EUGENE EHRRHARDT, B.S., 1964  
SUE MARY HULSEN, B.A., Augustana College, 1966  
NANCY JO MACFARLAND PECK, B.A., Hartwick College, 1965

*In the Teaching of Geography*

ANTHONY LAWRENCE REDENTE, B.S., Southern Connecticut State College, 1965

*In the Teaching of Mathematics*

JOHN CLIFFORD ANDERSON, B.A., North Park College, 1962  
LAVERNE WALLACE BURNHAM, B.S., 1965

*In Theoretical and Applied Mechanics*

THOMAS REGINALD BRANCA, B.S., 1966  
WILLIE JAMES CARTER, B.S., Southern University, 1961  
HENRY RICHARD FJELLMAN, B.S., Valparaiso University, 1966  
DAN JAY NAUS, B.S., 1966  
GERALD GENE TRANTINA, B.S., University of Missouri (Rolla), 1966

*In Veterinary Medical Science*

LJUBOMIR MILIN, Dipl., D.V.S., University of Belgrade, 1942, 1949  
GORDON DAVID PAINE, M.R.C.V.S., Royal Veterinary College (London), 1950;  
D.T.V.M., University of Edinburgh, 1959

*In Zoology*

CHARLES ROBERT BLEM, B.S., Ohio University, 1965  
FREDERICK WILLIAM BURLEY, A.B. Stanford University, 1963

PAUL ALLEN FISHMAN, B.S., 1965  
 HENRY CARLETON NILSEN, B.A., Winona State College, 1964  
 WILLIAM BLOCHER RHOTEN, B.S., Colorado State University, 1965  
 RICHARD DENNIS ST. JOHN, B.S., University of Toronto, 1965  
 FRANK RAY VOORHEES, B.S., University of Florida, 1958

#### Degree of Master of Music

JAMES VERNON FLETCHER, B.S.M., Illinois Wesleyan University, 1959  
 VIRGINIA ELIZABETH HOMMEL GABURO, A.B., B.Mus., 1960, 1963  
 NANCY COOPER KREDEL, B.Mus., University of North Carolina (Greensboro), 1965  
 WARD FRANKLIN MOWERY, B.S., Ohio State University, 1962  
 CORA WINGERT SCHOLZ, B.A., St. Olaf College, 1961  
 JAMES WALTER SIBER, B.Mus.Ed., East Texas State College, 1964

#### Degree of Master of Education

RICHARD RAYMOND ADLER, B.S., Montana State University, 1957  
 WAYNE STANLEY AMBROSE, B.S., 1963  
 MARY SAMMONS BALESTRI, B.S., 1958  
 EDITH WAGNER BAUER, B.S., 1943  
 HARRIETTE RHAWN BEHRINGER, B.S., Northwestern University, 1947  
 CHARLENE FORNALL BESSEY, B.A., Northern Illinois University, 1964  
 THOMAS JAMES BLIGH, B.A., St. John's University, 1966  
 CHARLES LINDBERGH BOHANNON, A.B., San Diego State College, 1950  
 BONNIE REED BOLLMAN, B.S., Greenville College, 1957  
 JOHN RICHARD BURKEL, B.S., Indiana University, 1962  
 JAMES P. CHRISTO, B.S., Massachusetts State College (Fitchburg), 1963  
 GORDON WILLIAM DENBY, A.B., 1965  
 SALLY SARAH ELIZABETH KAGY DILLER, A.B., Oberlin College, 1955  
 JAMES LYSTON EVERTTS, B.A., Principia College, 1966  
 LEON ANDREW FAHLING, B.S., Western Michigan University, 1954  
 RONALD ROGER FEARN, B.S., 1965  
 ANN SHELTON FOSTER, A.B., Whitman College, 1959  
 KURT PAUL FROEHLICH, B.S., 1966  
 DALE WARREN GOOD, B.S., University of Wyoming, 1961  
 MARGARETT GOOLSBY GOODHART, B.S., Troy State College (Alabama), 1958  
 SHARON ANN MARIE GOTCH, B.S., 1965  
 JUDY LYNN GRAY, B.S., 1966  
 MERYL BROWN GRIFFITHS, B.A., Pennsylvania State College, 1948  
 ALVIN SCOTT GRIGGS, B.S., Agricultural, Mechanical and Normal College (Arkansas), 1965  
 THOMAS KEITH GRIMM, B.S., 1966  
 DOROTHY LOUISE HALL, A.B., Greenville College, 1960  
 SUSAN PAULSON HAMILTON, B.S., Gettysburg College, 1964  
 FLORENCE MILLER HANKINSON, B.S., 1965  
 JUDITH ANN HENDERSON, A.B., MacMurray College, 1963  
 DENNIS VOGEL HOFFMAN, B.S., 1966  
 F. JO HOPKINS, B.A., University of Wyoming, 1959  
 JOHN FRANCIS HUCK, B.S., 1959  
 RICHARD EMANUEL HULT, JR., A.B., 1966  
 URAIWAN INSEE, B.Ed., College of Education (Thailand), 1961  
 JOSELITO BERNARDO JARA, B.S.Ed., University of the Philippines, 1959  
 RUSSELL OTIS KIRKHAM, B.S., 1947  
 LINDA DAVIDSON KOPECKY, A.B., 1965  
 LINDA JONSON LAKNER, A.B., Northern Illinois University, 1963  
 TERRANCE JOSEPH MALCOLM, B.S., University of Idaho, 1966  
 MARGARET BRADLEY MAYNARD, A.B., Vassar College, 1941  
 JOHN DAVIDSON MCGINNIS, B.Ed., Illinois State University, 1942  
 SHERRIE JOAN HITCHCOCK MCKENNA, B.A., Indiana University, 1966  
 GEORGE RICHARD MOHN, B.S., Illinois State University, 1961  
 LAWRENCE JOSEPH MUDRON, B.S., Northern Illinois University, 1964  
 MARIBELLE MURRAY, B.A., Ohio State University, 1965  
 CLAUDIA FETZNER NELSON, B.S., Northern Illinois University, 1958



MARJORIE OATHOUT ORR, B.S., 1954  
PATRICIA DELL PEEPLES, A.B., Harris Teachers College, 1963  
GERALD ALLAN RAY, A.B., State College of Iowa, 1961  
MARGARET CAUSEY RINKEL, A.B., Greenville College, 1950  
JOHN MARTIN ROTH, B.S., 1959  
LAWRENCE JAMES SAK, B.S., St. Procopius College, 1964  
WILLIAM JOHN SCANNELL, B.S., 1962  
DONALD GREGORY SCHERRER, B.S., 1965  
KAREN ANN SCHMIDT, B.S., Alverno College, 1965  
WILLIAM JERRY SCHNEIDER, B.S., Shurtleff College, 1953  
DELILAH PERKINSON SIBER, B.A., East Texas State College, 1965  
SISTER MARY MARTINA BRINKSCHROEDER, A.B., St. Ambrose College, 1962  
SISTER THOMAS MORE FITZGERALD, B.A., St. Ambrose College, 1962  
SISTER MARY DOMINIC JOERGER, B.A., DePaul University, 1959  
DARRELL RALPH SMITH, B.S., Shurtleff College, 1957  
BETTY ADAMS STEVENSON, B.S., Western Illinois University, 1961  
PATRICIA DONATH STOLL, B.A., Blackburn College, 1965  
DONALD EDWIN STRUCK, B.S., Western Illinois University, 1960  
ANTONI SULIKOWSKI, B.Gen.Ed., Municipal University of Omaha, 1966  
DARWIN PETE SWANSON, B.S., 1965  
CHARLES FRANKLIN SWEARINGEN, A.B., 1954  
PHYLLIS JEAN JENKINS TATE, B.S., Southern Illinois University, 1954  
SALLY JOAN TENNISON, B.A., Hamline University, 1966  
JANET MARILYN TOLSON, A.B., Augustana College, 1963  
PHYLLIS CEPEK TOMORY, A.B., 1966  
JAMES HOLLIS TOYNTON, B.S., Wisconsin State College (La Crosse), 1960  
JOANNA ELISABETH CHERRY ULMER, Mus.B., Oberlin College, 1962  
SUSAN RICHARDSON VOGT, A.B., Bradley University, 1964  
LOUISE MERRILL WARREN, B.S., Southern Illinois University, 1965  
MARILYN LEA WEINARD, B.S., Eastern Illinois University, 1964  
BOBBY LEROY WHITTINGTON, B.S., 1958  
JACK LEE WIGGINS, B.S., Southern Illinois University, 1961  
SUSAN LOUISE WILKEN, B.S., 1964  
MARGARET MULCAHY WOERNER, B.S.Ed., University of New Mexico, 1964  
GHULAM JAILANI YAFTALI, B.Sc., Kabul University, 1963

#### Degree of Master of Architecture

CHARLES ANTHONY ALBANESE, B.Arch., 1965  
ANTHONY JOHN GODDARD, Dipl., Leicester College of Art and Design, 1965  
BRUCE LYMAN HUTCHINGS, B.Arch., University of Nebraska, 1961  
ALLEN WAYNE JOHNSON, B.Arch., 1966  
TSUTO KIMURA, B.E., Waseda University, 1958  
PETER KENNY SMITH, B.Arch., 1966

#### Degree of Master of Accounting Science

SUSAN SU-YUNG CHEN, B.A., National Taiwan University, 1963  
THOMAS FRANCIS CROWLEY, B.S., St. Joseph's College, 1966  
MICHAEL FRANCIS FORAN, B.S., University of Arizona, 1967  
STEVEN PARK HAVER, B.S., Northern Arizona University, 1967  
STEPHEN FRANCIS JABLONSKY, B.S., 1967  
KEI MIURA, B.S., Central Missouri State College, 1956  
JAMES HENRY RUTZ, B.S., Lewis College, 1966  
PAUL GEORGE SOTOS, B.S., 1967  
MICHAEL LEWIS UNDERWOOD, B.S., 1966  
JAMES GORDON WATSON, B.S., 1967  
ROGER EDWARD WESLEY, B.S., 1967  
ROBERT STEVEN WINNETT, B.S., Eastern Illinois University, 1957

#### Degree of Master of Business Administration

RICHARD PETER AMUNDSEN, B.Arch., 1966  
DANIEL JOSEPH BEATON, B.S., University of Wisconsin, 1962  
BARRY RONALD GLASER, A.B., 1965

JAMES JOHN GRUENHOLZ, B.S., 1964  
 IVAN CLIFFORD JOHNSON, JR., B.S., 1966  
 GEORGE DOUGLAS KELLER, B.S., Millikin University, 1966  
 DANIEL CHARLES LEE, B.S., 1966  
 SHELDON JAMES PROCTOR, B.S., 1965  
 DENNIS ALAN RATHJE, B.S., 1966  
 MARK JAMES RICHARDS, B.S., 1963  
 MICHAEL SOLOMON ROZEFF, A.B., M.A.T., Harvard University, 1962, 1963; M.S., 1967  
 KENNETH ROTH SILVERS, A.B., 1965  
 HOWARD HENRY WIESE, B.S., 1966

#### Degree of Master of Commerce

DENNIS RICHARD SWANSON, B.A., Cornell College, 1965

#### Degree of Master of Landscape Architecture

PHILLIP EUGENE DETURK, B.F.A., 1961  
 CARL FREDERICK GERLACH, B.S., Michigan State University, 1963

#### Degree of Master of Urban Planning

FRANKLYN HARRY BEAL, B.S., Antioch College, 1962  
 GAETAN ALFRED CAIAZZO, B.L.A., University of Florida, 1964  
 JAMES FRANCIS McLAUGHLIN, B.U.P., 1967  
 GARETH BRYNMOR THOMAS, Prof.Assoc., Royal Institution of Chartered Surveyors, 1960

#### Advanced Certificate

##### *In Education*

AARON GROVER GRAY, B.S., Eastern Illinois University, 1951; M.S., 1957  
 MAY WEIFENNE HUANG, B.Ed., Taiwan Normal University, 1963; M.Sc., University of Massachusetts, 1966  
 CATHERINE GIBSON LE DUC, B.S., South Dakota State University, 1963; Ed.M., 1967

#### Certificate of Advanced Study in Librarianship

EDITH JOHNSTON FRASER, B.A., University of Arizona, 1940; M.S., Florida State University, 1962

### COLLEGE OF AGRICULTURE

#### Degree of Bachelor of Science

##### *In Agriculture*

ROGER WILLIAM BEHREND	LARRY LEE KRUSEMARK, Honors
STEPHEN FRANKLIN BLACK	CHARLES WILLIAM LIBBURY
FORREST JOHN BREWER	JAMES STEPHEN LUDWIG
JACOB GEORGE CHAMBERS	JAMES DANIEL MATHEIN
GEORGE ROBERT COBB	DONALD LESTER MERKLE
DAVID WARREN DRAKE	WILLIAM TRACY MOWERY
DEON LEE FLESSNER	JOSEPH KIRAGU MUIRURI
MICHAEL RALPH GRIESBAUM	DENNIS LYNN MUMMERT
GARY DAVID HARPER	ROBERT EDWIN PILOTTE
JAMES RICHARD HERM	RONALD EUGENE SCHERER
MAX LESLIE HERSHBARGER, Honors	RALPH ARNOLD SCHOBERT
DONALD WILLIAM HUISINGA	KEITH DUANE SHEPPELMAN
DONALD JOSEPH HUSCHLE	LARRY RAY SHONKWILER, High Honors
DON CHESTER KAISER	DAVID REX SMITH
CAROL BANKSON KEISER	JOHN DAVID SMITH
CHARLES EDWARD KELLER	MELVIN DEAN STOLLER, High Honors
GEORGE TIMOTHY KELLER	ROBERT JACOB SWIERINGA, High Honors
KARL REED KESSLER, Honors	GEORGE JACOB YOUNG, Honors

*In Floriculture and Ornamental Horticulture*

RONALD LLOYD BRADY  
DALE JOSEPH KOTNOUR

WILLIAM CHARLES TORSBERG

*In Food Science*

FREDERIC JAMES BERNIS

JAMES QUENTIN GRANT

*In Forestry*

RICHARD JOSEPH BERNARD, JR.  
STEVEN ARTHUR BLAUERT  
JOHN MICHAEL BORENS, JR.  
TIM ARTHUR COOLEY  
MARSHALL HERBERT ENGLAND II

CARL WILLIAM LITTLE  
PAUL RICHARD MONKE  
DAVID SMITH RANDOLPH  
DAVID CLARK WHITE, Honors  
MARK SHELTON WILSON

*In Home Economics*

SARA-RENE BARCLAY  
WILLA McCANNON BRETTHAUER  
JUDITH THOMPSON CARON  
SANDRA MARIE CORDING  
BARBARA HUCKER GROSS  
EMILY BROUILLETTE HANG  
CONSTANCE ANNE HARRISON, Honors  
LU ANN HARTNETT  
MARILYN SUE HAYS

JOYCE SUZANNE HULVEY  
JOYCE LOUISE MILLER  
MARTHA STAHL ROBERTS  
SUE ANNE ROESCHLEIN  
JULIE SWEDBERG SEAGREN  
ROSLYN MARIAM SMITH  
CHERYL JEAN THOMPSON  
MARILYN JOYCE WHEELER

*In Home Economics Education*

SUE ANN EHRHART  
PHYLLIS JEAN HEPLER  
PATRICIA ANN JOHNSTON, Honors

JUDITH KAYE MARTIN  
KAREN LOUISE NESLER  
JANET ANN BUGG WEBEL

**COLLEGE OF ENGINEERING****Degree of Bachelor of Science***In Aeronautical and Astronautical Engineering*

ANDREW ANTHONY ADAMCZYK  
PETER BISHARA AYYOUB  
SVENN EDVIN BORGERSEN  
WILLIAM ROGER BRADSHAW  
STEPHEN SAMUEL DAVIS  
CRAIG NORTON DUTTON  
JOHN CLIFFORD GOUGH  
GERALD EDWARD GROTH  
BRUCE PHILLIP HORNE  
ALLEN MITCHEL ICE  
GAROLD STANLEY KEITHLEY  
STEPHEN RUSSELL KISSICK, High  
Honors  
WAYNE WALTER LAURSEN

JOSEPH JOHN MATT  
ROBERT JOHN MIGHT  
RICHARD JAY MURPHY  
LAWRENCE JOSEPH ORESKY  
RONALD PAPE  
EUGENE JOHN PELKA  
MAX PROLA, Honors  
MILORAD RADOSAVLJEVIC  
ROBERT BRUCE RICHARDS  
ROBERT MICHAEL STACHO  
JOHN ROGER WEBER  
CHARLES STUART WESTMAN  
GEORGE EMIL WOJTKO

*In Agricultural Engineering*

ROBERT ELDON ADAMS, Honors  
ROBERT LOUIS BRANDNER  
ALONZO BENTON COCHRAN  
DONALD DOUGLAS HARFORD

GREGORY WAYNE HEINZ  
DAVID JAY HOPKINS  
GORDON LEE SALLEY  
ROBERT JOHN SUTTER, Honors

*In Ceramic Engineering*

DAVID LEE ALLEN  
PAUL FRANCIS GUTTMANN  
DAVID LEE HAMBLEY

DENNIS LEE MOOL, High Honors  
SCOT WALTER TAYLOR

*In Civil Engineering*

JAMES EDWIN AHLBERG  
 BRUCE ARTHUR BABCOCK  
 TERRENCE JAMES BALLOWE  
 GEORGE ALAN CONWAY  
 DONALD LEROY CURRAN  
 KENNETH JOHN DEHAAN  
 LUIS CARLOS DIAZ  
 BRUCE RUSSELL ELLINGWOOD  
 ROBERT JOSEPH ENDECAVAGEH  
 JOSEPH ANTHONY FIGUEROA  
 WILLIAM ROLAND GAIN  
 ALAN LEE GILBRONSON  
 ANTHONY GEORGE GIROLAMI, High  
 Honors  
 RICHARD GLENN GOSSETT  
 ALVA AARON HALL  
 JAMES ORNSBY HAMILTON  
 THOMAS FRANCIS HINTZ, Highest  
 Honors  
 PETER ROBERT HOMAN, High Honors  
 GORDON ALAN HULTMARK  
 STEPHEN ROBERT KANNAKA  
 BRUCE HENRY KINCAID

WAYNE GORDON KLINGSTEDT  
 LARRY ALBIN LEICHT  
 PETER DONALD MARINI  
 ROBERT DANIEL MCCARTNEY  
 ROBERT WOON-FAT NG  
 JAMES EUGENE NICHOLS  
 ROBERT WALTER NOWAK  
 LAWRENCE JOSEPH OPALKA  
 ROBERT VERNON PARKER  
 WILLIAM CHARLES POLACEK  
 DALE EUGENE RISINGER  
 JAMES ARNOLD ROLL  
 JOE EDWARD ROSENSTIEL, JR.  
 ABDOSSALAM SHARIFY  
 JACK BRUCE SMITH  
 RAYMOND EARL STEINBERG  
 CHARLES ROBERT WEBER  
 JON RICHARD WHITTAKER, Honors  
 KENNETH STEPHEN WIENCHUS  
 WILLIAM EDWARD WITZIG  
 JOHN PAUL WOJCIK  
 OUSSAMA FOUAD IBRAHIM ZABEN

*In Electrical Engineering*

WALTER ADOLPH AST, JR.  
 WILLIAM GREGORY BADGER  
 LYNN WARNER BARRY, Highest Honors  
 EDWIN THAYER BARTLETT, JR.  
 CHARLES WAYNE BEALL  
 GERALD BEDNAR  
 JORGE PABLO BENEJAM  
 EDWARD STANLEY CAMERON  
 LEON GEORGE CARRAS  
 DONALD EDWARD CHERMEL  
 RICHARD AMADEUS CHESROW  
 JOHNNY COLLINS  
 ROBERT CHARLES CONDON  
 GEORGE ANTHONY COSTELLO  
 RONALD JOSEPH DALE, Highest Honors  
 MICHAEL JOHN DALTON  
 ROBERT ALLEN DASHIELL  
 JOHN PATRICK DESMOND  
 DENNIS JOHN DOYLE  
 KENNETH PAUL DROZDOWICZ  
 ALLAN DOUGLAS ECKEL  
 JOHN EDWARD ERICKSON, High Honors  
 RONALD KENDALL FEELEY  
 ROBERT SCHELLER FRANK  
 WAYNE SUSUMU FUJIWARA  
 KENSON BANKS FULLER  
 BERNARD CHARLES GALLAGHER  
 DAVID JAMES GARNER  
 KENNETH WILLIAM GINOS  
 JERROLD DAVID GREEN  
 FREDERICK JOHN GUNTHER  
 DAVID BAKER HALL, JR.  
 MICHAEL ALLEN HALL  
 JOHN BERTRAND HALLA  
 KENNETH WALTER HAMILTON  
 CHARLES RICHARD HANKINS  
 ROBERT FRANKLIN HOLLOWAY

GLENN WILLIAM HUEBNER  
 RICHARD DUANE JAHNS  
 RAYMOND ALAN JENSKI  
 DAVID LEE JOSE, Highest Honors  
 DAVID LAWRENCE JUNCHEN, Highest  
 Honors  
 JACK KAIL, Honors  
 JOHN EDGAR KEMP  
 RAMIN KHADAM  
 JOHN KERR KIMBALL  
 JOHN ALAN KNECHT  
 GEORGE JOHN KORONIOS  
 JAY ROBERT KREBS  
 THOMAS HARRY KUCKERTZ  
 DAMIAN HUNG-LAP LAW  
 DANIEL JOSEPH LOMBARDI  
 EDWARD DONALD LOUKOTA  
 ANTHONY THOMAS MAHER, Honors  
 DANIEL JOSEPH MCQUADE  
 ROMAS JOSEPH MIKNAITIS  
 ANTHONY DAVID MIOSI  
 RICHARD LLOYD MOLE  
 JAMES LOUIS MUELLER  
 LARRY WILLIAM NIGLI  
 JAMES WILLIAM O'NEILL  
 DALE LEONARD PAQUETTE  
 CHRISTOS PATCHAOURAS  
 RONALD THOMAS PETERSON  
 HAROLD ALAN PEYER  
 DAVID JOHN PFENDER  
 DANIEL ANTHONY PIEGARI  
 GARY ALLEN POLHILL  
 MICHAEL DENNIS RABIN  
 CLAUD HEINRICH RODE, High Honors  
 GARY ALLEN ROOSEVELT  
 ROBERT ARTHUR SAINATI  
 WENDELL HAYES SCHANZ

WAYNE JOHN SCHMIDT  
DONALD EDWIN SCHROCK, Honors  
FRANK MICHAEL SCI, JR.  
JOHN ALAN SEPPelt  
CHARLES FREDRICK SMILEY, Honors  
NEIL PAUL SMITH  
PAUL ADAM SNOPOKO  
TERRY EDMUND SORESENSEN, Honors  
EDWARD ROY STEPHAN

FRANK DENNIS STRAKA  
GLEN HIROSHI SUNAHARA  
LARRY EUGENE VAN DOREN  
SCOTT BELDEN WALLACE, High Honors  
DOUGLAS MILLARD WHITLOCK  
MICHAEL RICHARD WOZNIAC  
HENRY WILLIAM ZAININGER, Honors  
SHRAGA ZALSTEIN  
WILLIAM RICHARD ZIEMER

*In Engineering Mechanics*

GERALD RODNEY BOYER, High Honors  
DOUGLAS SUSUMU ICHISHITA  
FRANK IVAN KRAWCZYK

ROSS CRAWFORD LYMAN, JR.  
ROBERT DALE REYNOLDS  
JAMES THOMAS RYDER

*In Engineering Physics*

THEMISTOCLES CONSTANTINE ANESTOS  
THOMAS RAYMOND BARNES  
STEPHEN BLAINE BRYANT  
TIMOTHY PAUL KARY  
BIJAN PARHAM

GERALD JAMES PINAS  
ALLAN MICHAEL TUMOLILLO, Highest Honors  
CARL JOSEPH WITHEE, High Honors

*In General Engineering*

MARTIN JOSEPH BAILEY  
ARNOLD BERNARD BANDSTRA, JR.  
RANDALL LEE BELL  
GEORGE PETER FRIEDRICH  
ALLEN FREDERICK GRANDT, JR., Highest Honors  
PHILLIP MARK KASIK, Highest Honors  
JOE HERMAN LEACH  
LARRY KENNETH LEKOVISH  
WILLIAM EDWARD MONSTES

RICHARD ALAN PURMAL  
JOHN LEO QUIRIN  
JAMES STUART SCHMOHE, Highest Honors  
LONNIE RAY SEYMOUR  
THOMAS JOSEPH VOKAC  
RICHARD REINECKE WILLIAMS  
JAMES WILLIAM WOLF  
ANTHONY ZUMPARO

*In Industrial Engineering*

RAYMOND JOHN BERENS  
FRANCIS EUGENE CARPENTER  
JAMES PAUL ERICKSON  
JULIAN LAFAYETTE MOON III

LAURENCE DOUGLAS SAUER  
EDWARD CHARLES SCHWEIGER  
DUANE THOMAS SKIDMORE  
MARCUS GLENN VAN WINKLE

*In Mechanical Engineering*

CLAYTON MARK ANDERSON  
JAMES LLOYD BAILEY  
LESTER GEORGE BANACH  
THOMAS ANTHONY BEVERIDGE  
WALTER EUGENE BROOM, JR., Honors  
DONALD ROBERT BURNEY  
JOHN ROGER CALHOUN  
ROBERT RUSSELL CONGDON  
ROBERT WILLIAM DAWSON  
GIDON SHMUEL ELKELES  
KENNETH WAYMAN FREELAIN  
THOMAS MICHAEL GANNON  
JOHN ELMER GLABE  
LEONARD PAUL GORSKI  
JOSEPH WILLIAM HEBENSTREIT  
JOSEPH JOHN HRKEL, JR.  
ROBERT EVAN HUNTER  
ARNOLD ALVIN JOHANSEN  
KENNETH NORMAN KIMMELMAN  
JAMES DANIEL KING  
JOHN EDWARD KROLAK  
MARVIN STANLY LANG  
DONALD EUGENE LITWILLER, Honors  
JAMES EARL MAKOWSKI

RICHARD ALLEN MAY  
RONALD FRANK MAYER  
RAYMOND MOTLUCK, High Honors  
HENRY NOBUO NAKAGAWA  
GUY DOUGLAS PFEIFFER  
BOB FRANK POLIVKA  
TERRY LEE ROHDE  
RICHARD JOHN SCHLOGL  
LAURENCE JOSEPH SCHMIDT  
ROBERT FRANK SCHMIDT  
ERIC LEE STORM  
JOHN HERLIN STROMBERG  
HUMBERTO SUAREZ  
GEORGE TARPANOFF, JR.  
KENNETH WOO SHOU TING  
JOHN ANTHONY TRISCHAN  
JAMES ANTHONY TUREK  
CLEMENT ANTHONY URBAN  
JAMES NIELS VIDEBECK  
RONALD GEORGE WATSON, Highest Honors  
ROGER BERNARD WHIPPLE  
ROBERT CHARLES WINN

*In Metallurgical Engineering*

DONALD RIGGS HOUSER  
TERRY LEE SESTERHENN

EDWARD HAROLD VANDER MOLEN  
LAWRENCE ALBERT ZAGORSKI

**COLLEGE OF LIBERAL ARTS AND SCIENCES****Degree of Bachelor of Arts***In Liberal Arts and Sciences*

JUDITH ANN ADAMSON, High Honors  
in Liberal Arts and Sciences

JANIS LOUISE AFRICH

MARY CAVINS ANDERSON

GLADYS ANGEL

FREDERICK PETER APRATI, JR.

ALFRED FRANK ARQUILLA

JOHN HARRIS BAIRD, JR.

MARGARET ELLEN BANASHEK

ALAN FREDRICK BARNEY

ANOOSHIRAVAN BATMANGHELIDJ

STEPHEN ALAN BAUER

JEAN LOUISE BEHRENS, with Distinction  
in Economics

MICHAEL MARTIN BENCIC

WILLIAM ASHER BERNSTEIN

CYNTHIA ANN BIRR, High Honors in  
Liberal Arts and Sciences with  
High Distinction in Russian

LEE ROY BISSEY

SUSAN JANE BLACKMORE

MICHAEL BRUCE BOREN

JEANNE CAROL BOWLING

RONALD ALLAN BRAND

BRUNO GERHARD BREITMEYER, High  
Honors in Liberal Arts and Sci-  
ences

VIOLETA MARIA BRIEDIS

HARRIET BROWN

JAMES EDWARD BURKE

LINDA BARTOLT BURTON

THOMAS EDMOND BUSH

ELAINE ANNE CANELOS

GERALD MICHAEL CARBONARI

FREDA HARMON CARPENTER

CAROLYN SAIDA CARRARO, Honors in  
Liberal Arts and Sciences

ROBERT JEAN CLARK

SANDRA GAYLE COHEN

JANE VAN DE VOORDE COLSON, Honors  
in Liberal Arts and Sciences

THOMAS KENNETH COMPTON

PATRICIA MARY CONDON

CAROLE MADELEINE DEERING, High  
Honors in Liberal Arts and Sci-  
ences with Distinction in Spanish

OLGA HELEN DEMKOWICZ

EUGENIE ANN DICKERSON

MARGARET DOMENICA DI GAETANI

JAMES JOHN DIONNE

NICHOLAS LUTYENS DOROSHEFF

MARCIA ANN ELLIOTT

JEAN LORRAINE EVANS

SAMUEL ALPHONSE FARRUGGIA

SUSAN ELIZABETH FISHER

THOMAS ADDISON FLANDERS

ALBERT LOUIS FOSTER

DEBORAH ANNE FRANCKE, with Distinc-  
tion in Anthropology

SUSAN MCCONAUGHY FROST

JANE CAROLYN FUERBRINGER

DOROTHY LYNNE GELSTON

LINDA ELLEN GETMAN

JAMES DAVID GOODMAN

BONNIE MOEWS GORDON

EDWARD CHESTER GOZDECKI

DIMITER NIKOLOFF GULMESOFF

JAMES GORDON GUSTAFSON

JAMES FREDERICK GUYOT

BEULAH CHARLOTTE HALL

EARL HAROLD HANSEN

MARIAN URBAN HEPPERLY

MARY MADDEN HILBURGER

CLARE CATHERINE HIRSLEY

REBECCA LEE HUNTER

KATHLEEN O'DAY HURSH, with Highest  
Distinction in Anthropology

THOMAS MERCER HURSH, High Honors  
in Liberal Arts and Sciences with  
Highest Distinction in Anthro-  
pology

NANCY JO HURT

SALLY ANN JOHANNES

LISBETH JOHANNESSEN

JANICE CECILIA JONES

DENNIS WAYNE JOYCE

ROBERTA LUCY KEILLOR

HELEN ANN KELLY, High Honors in  
Liberal Arts and Sciences with  
Distinction in Political Science

THOMAS ALAN KENNEDY

MARY ANN KENNY

CHARLENE JOY KERSTEN

BRUCE CHASE KINGSLEY

MARY HARPER KITZMILLER

SCOTT ALAN KLEIMAN

RONALD JOEL KLEPETAR

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KAREN ANN KRIEGER

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FRED JOSEPH LEVY

SHARON ELIZABETH LOWE

DEAN EDWARD LUND

DONALD ALAN LYKKEBAK

PAUL DUNN LYNCH, JR.

SUSAN ELLEN MANN

VIRGINIA SPERRY MARTIN

CHARLES THOMAS MAXEY, JR.  
 LINDA Jo MCCAIN  
 JOHN FRANCIS McCREARY, High Honors  
 in Liberal Arts and Sciences with  
 High Distinction in History  
 MARY ANN McMANUS  
 MARGARET JEAN McMICHAEL  
 THOMAS WALTER MIER  
 CARREN JOSEPHINE MILLER  
 STEPHEN JAMES MINDHAM  
 WAYNE KENNETH MOCK  
 DONNA M. MORROS, High Honors in  
 Liberal Arts and Sciences  
 MELISSA MORSE  
 HARLAN LYNN MUELLER  
 CONNIE MAE MUNK, Honors in Lib-  
 eral Arts and Sciences  
 JOHN EDWARD MURPHY, JR., Honors in  
 Liberal Arts and Sciences  
 CHESTER NEAL NUDELMAN  
 STASIA LOUISE OERTLEY, High Honors  
 in Liberal Arts and Sciences  
 MARY JENNIFER OLSON  
 SANDRA JOHNSON O'MEARA  
 JANET MARIE ORLANDINO  
 WHITNEY BLAINE OTIS  
 ANN PEARL OWEN, High Honors in  
 Liberal Arts and Sciences with  
 Distinction in Anthropology  
 LA VERNE LOIS PAIPOLAS  
 GEORGE EDWIN PATTERSON  
 TERESA MARY PAUTIENIUS  
 GAYLE VIRGINIA PETERSON  
 JOHN MALCOLM PETERSON, with High-  
 est Distinction in Anthropology  
 KEITH RICHARD PHELPS  
 PHILLIP DAVID PHILLIPS, with Distinc-  
 tion in Geography  
 ANN LOUISE PICKARD  
 ELKE JURGENSEN RADIVOJEVIC, Honors  
 in Liberal Arts and Sciences  
 VIRGINIA PAULINE RANDOLPH  
 LAUREL BONNIE RAVITZ  
 RENATA BAZILIAUSKAS RAYFIELD  
 ALAN JOSEPH REKUS

JUDITH ANNE RICE  
 MARIO ANTONIO RINALDO  
 CARLENE MARIE GRIFFITHS ROBERTS  
 SALLY BACHRACH ROBINSON  
 TERRY LANE ROSE  
 WAYNE MYRON ROSE  
 IRIS PAULINE SACHS  
 VIVIENNE JOAN SANBURG, Honors in  
 Liberal Arts and Sciences  
 LYN GALE SARACINO  
 SUSAN FRED SCHMERLING, High Honors  
 in Liberal Arts and Sciences with  
 Highest Distinction in French  
 MARCIA CLAIRE SCHULTZ  
 ESTA BARBARA SCHWARTZ  
 JAMES SAUL SEEGALL  
 FRIEDA APPENZELLER SEYMOUR  
 JAMES RALPH SILVERWOOD  
 JAMES JEROME SISUL  
 ELAINE STRAUSS SMITH  
 MARGARET MORRIS SMITH  
 EMMA THEODORA STANTON  
 NANCY MARIE STEFFES, High Honors  
 in Liberal Arts and Sciences with  
 Highest Distinction in French  
 RUDOLF STRAHL  
 BRUCE EUGENE SULLIVAN  
 PATRICIA MAE SULLIVAN  
 LORRAINE NADINE NESS SWEENEY  
 SHERYL VERNON THACKER  
 JOE GUNNAR THOMPSON, High Honors  
 in Liberal Arts and Sciences with  
 High Distinction in Anthropology  
 JOHN DAVID THOMPSON  
 RENEE SIGRID THORNBURG  
 DAVID PAUL THROOP  
 LAURENCE HEATH TUTTLE  
 RUTH MOONEY WALL  
 WILLIAM THOMAS WALSH  
 MICHAEL JAMES WARNER  
 SETH STUART WERNER  
 SUSAN DOYLE WETZEL, Honors in Lib-  
 eral Arts and Sciences  
 WILLIAM ANTHONY WILLIAMS  
 HARLEEN ALICE YOUNG

*In the Teaching of English*

JANE ELLEN ATLAS  
 Jo ANN BARGIEL  
 BETTE RAE COHEN  
 HARRIET DUHL  
 AUDRE HARRIS GOEKE, High Honors in  
 Liberal Arts and Sciences  
 ARLENE STRICKLER MEYER

ERNESTINE NORMAN  
 CAROLE ELAINE POTICHA  
 JUDITH HOFFMAN REDENBO  
 PAULA SUE WOSK, High Honors in  
 Liberal Arts and Sciences with  
 Distinction in the Curriculum

*In the Teaching of French*

JANET SUE ALIKONIS  
 VALERIE BURKE, High Honors in Lib-  
 eral Arts and Sciences with High  
 Distinction in the Curriculum  
 SUSAN MERLE LERNER, High Honors in  
 Liberal Arts and Sciences  
 CAROL ANN SCHARHAG, Honors in Lib-  
 eral Arts and Sciences

JANET SHAUB WHITE, Honors in Lib-  
 eral Arts and Sciences  
 MARILYN EDITH WILLIAMS, High  
 Honors in Liberal Arts and Sci-  
 ences with Distinction in the Cur-  
 riculum

*In the Teaching of German*

DIANE MARIS SINGMAN, High Honors  
in Liberal Arts and Sciences with  
Distinction in the Curriculum

*In the Teaching of Latin*

LYNNE ANN TOELLE, High Honors in  
Liberal Arts and Sciences with  
High Distinction in the Curriculum

*In the Teaching of Russian*

ALEXANDRA ANDRICH, with Distinction  
in the Curriculum

*In the Teaching of Social Studies*

HERROLD DEAN ANDREWS, High Honors  
in Liberal Arts and Sciences with  
High Distinction in the Curriculum  
KAREN LYNN DENENHOLZ, High Honors  
in Liberal Arts and Sciences  
SCOTT NASH HERRICK  
PHILIP DENNE KNELL  
NANETTE JULIA KRAUS

KATHRYN BRAND LEONHARD, Honors in  
Liberal Arts and Sciences  
JUDITH ANN RAMSDEN  
BONNIE MARIE REZNICEK  
LINDA RUTH SCHNEIDER  
RONNA DIANNE SULKIN  
JO ANN VAN HOOK  
GAIL ELIZABETH WELLBORN  
JOHN PAUL WOMICK

*In the Teaching of Spanish*

ELLA JEANNE GLASGOW  
MARY ELSIE HEIPLE, with Distinction  
in the Curriculum  
KATHERINE NINA KAHLER, High Honors  
in Liberal Arts and Sciences  
with Distinction in the Curriculum

SUSAN CHRISTINE KOPRIVICA  
SUE ELLEN MCKIBBIN, High Honors in  
Liberal Arts and Sciences with  
High Distinction in the Curriculum  
ADELAIDA FLORENTINA RODRIGUEZ, Honors  
in Liberal Arts and Sciences

*In the Teaching of Speech*

AMELIA VASILIKI DRES  
TERRANCE LEE JOHNSON

JERRY WILLIAM MILLAR

*In Theatre Art*

STANLEY LAWRENCE CATLETT

**Degree of Bachelor of Science***In Chemical Engineering*

ALAN JOSEPH CABODI  
GARY DAVID CARR, High Honors in  
Liberal Arts and Sciences with  
High Distinction in the Curriculum  
HOWARD WILLIAM COX, JR., High Honors  
in Liberal Arts and Sciences  
with Highest Distinction in the  
Curriculum  
KENNETH LEE EBELING  
JAMES WILLIAM KILROY

JAMES FRANCIS LAMBE  
PHILIP JOHN LEIDER  
LEE ROBERT MAREK, High Honors in  
Liberal Arts and Sciences with  
High Distinction in the Curriculum  
JOHN CHARLES McILRATH  
GORDON EARL MOSKAL, High Honors in  
Liberal Arts and Sciences with  
High Distinction in the Curriculum

*In Chemistry*

MICHAEL LOUIS CROSSER  
JAMES MICHAEL GROW, High Honors in  
Liberal Arts and Sciences with  
Distinction in the Curriculum

ROBERT HENRY MEISINGER  
HOWARD LEO PATTERSON  
ANDREW THOMAS ZANDER

*In Home Economics*

ANN MARIE SHILDNECK



*In Liberal Arts and Sciences*

LINDA SUE ALLEN  
 DEBORAH DREW ANDERSON  
 JOYCE RUDERT ANDREWS, High Honors  
   in Liberal Arts and Sciences  
 JOHN MARK BADE  
 NORA MICHAELA BARTELT  
 LINDA MARIE BOELK  
 GEORGIANNA MAE BROWN  
 LAWRENCE EUGENE BROY  
 JANIE LYNN CLARK  
 RONALD COY COMER  
 MARCIA ANN DEHAVEN  
 LADD MICHAEL DUDA  
 MARY KATHLEEN DUFF  
 GARY LEE ELLEXSON  
 STEVEN MICHAEL EPSTEIN  
 WILLIAM EDWARD FINN  
 DOUGLAS GLENN FISHEL  
 THOMAS ALBERT GARRISON  
 EDWARD ROBERT GERCAS, JR.  
 MICHAEL JEFFREY GLEASON  
 LINDA OWINGS GRIEVE  
 DAVID MICHAEL GROTHE, High Honors  
   in Liberal Arts and Sciences  
 MICHAEL ALLEN HALL  
 TERENCE MICHAEL HAMMER, High Hon-  
   ors in Liberal Arts and Sciences  
   with Distinction in Honors Biology  
 SADREDDIN BEHBAHANI HASSANI, Hon-  
   ors in Liberal Arts and Sciences  
 KAREN MILLER HORVATH  
 LORRAINE LUCILLE HOUGH  
 RAND LEE HULTMAN  
 GEORGE LOUIS HUSZAR  
 ROBERT NEALE JOHNSON  
 RONALD GALE JOHNSON  
 NIKKI JEAN KAPLAN, High Honors in  
   Liberal Arts and Sciences  
 ARTHUR DEO KLEIN III  
 ROBERTA CAROL KOB  
 THEODORE HANSEN LAWS, JR.  
 PHILIP RICHARD LAZAR  
 PENELOPE HALL LUDWINSKI  
 KENNETH JOHN MAIER  
 JON FREDERICK MALERICH  
 NANCY DOUGLAS MALKIN  
 JOHN JOSEPH MARCHESCHI  
 DONALD ROBERT LEE MAY, High Hon-  
   ors in Liberal Arts and Sciences  
   with Distinction in Microbiology

JOHN THOMAS MAZUR  
 COURTNEY FRANCIS McNABB  
 ELIZABETH GAY McNABB  
 STEVEN WOODS MILLER  
 MARK IRVIN NELSON  
 DAVID WALLACE NIXON III  
 THOMAS LILBURN OCHS  
 MARGARET ANN PARKER  
 RAY EARLE PETERS, JR.  
 VITO ANDREA RACANELLI, JR.  
 STANLEY MICHAEL REST, High Honors  
   in Liberal Arts and Sciences with  
   Distinction in Psychology  
 PAUL CURTIS ROTH  
 CONSTANCE ELAINE ROUX  
 DENNIS RAY RYDER  
 LAWRENCE EDWARD SACKS  
 JAMES GUNNAR SCHALIN  
 CAROL SUSAN SCHUFFLER, High Honors  
   in Liberal Arts and Sciences with  
   Distinction in Microbiology  
 WALTER HENRY SCHWANE, JR.  
 SHIRIN SHAISY  
 RONA ENID SILVER  
 JOHN EDWARD SMAARDYK, High Honors  
   in Liberal Arts and Sciences with  
   Highest Distinction in Physics  
 DALE LEON STOCKLEY  
 KENNETH LEE STROMBORG, High Hon-  
   ors in Liberal Arts and Sciences  
 SUSAN MARIE SVEC  
 BINH TAO  
 ANN MARIE VARNA GARIS, Honors in  
   Liberal Arts and Sciences  
 KENNETH JAMES WAAGE  
 MICHAEL WARREN WALKER  
 JAMES MICHAEL WALLACE  
 RALPH JOSEPH WESSEL, Honors in Lib-  
   eral Arts and Sciences  
 STEVEN ARTHUR WHITE  
 WILLIAM QUENTIN WIEHRDT  
 BILLY RODNEY WISER  
 CHUN MUI PANG WONG  
 MARIAN YUEN HAN WONG  
 MARY BRINKER WOODALL  
 JAMES JOSEPH ZOHRER, Honors in Lib-  
   eral Arts and Sciences  
 GERALD IRA ZOLDAN

*In Physics*

JAMES RALPH ARNETT  
 JOHN DAVID BRYANT

JOHN SHI SUN WEI, High Honors in  
 Liberal Arts and Sciences with  
 High Distinction in the Curriculum

*In Speech Correction*

JUDITH MCBRIDE ARBEITER  
 REBECCA SUE GILLARD

KATHERINE KELLER MORROW

*In the Teaching of the Biological Sciences and General Science*

LOIS ANDREA EATON  
 GERALD RAYMOND KOY

MARJORY STAFFORD TUNNELL  
 DOROTHY JEAN WIEGEL

*In the Teaching of Mathematics*

JERRY LEE BENSON  
DAVID MICHAEL HIBBS  
MARTIN EUGENE MILLER  
LOUISE MURRAY  
ROBERT ROSS NELSON

RACHEL NEUBERG, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum  
VIRGINIA KATHLEEN WASSMANN  
DAVID RICHARD WOOD

**COLLEGE OF LAW****Degree of Juris Doctor**

DOUGLAS CRAIG BALDWIN, A.B., Northwestern University, 1965  
DAVID ROBERT BERARD, A.B., 1964  
CARLTON BRETT BODE  
CHARLES WILLIAM DECKER, B.S., 1964  
DAVID HUMPHREYS DELI, A.B., Oberlin College, 1964  
CHARLES LYNN FIERZ, A.B., Michigan State University, 1965  
RICHARD SAMUEL FRIEDMAN, A.B., 1965  
DENNIS JOSEPH GREEN, B.S., 1963  
MILES NEIL HARTMAN, B.S., 1964  
EDWARD STUART MARGOLIS, A.B., 1965  
KIRK MASLIN, B.S., M.A., 1963, 1965  
EDWARD DENNIS McNAMARA, Jr., B.S., St. Louis University, 1965

KENT ALLEN NOBLE, B.S., 1965  
JOSEPH WILLIAM PHEBUS, B.S., 1962  
PHIL MCKINNEY PIPPENGER, A.B., Knox College, 1963  
FREDERICK DAVID RAWLES, A.B., University of Notre Dame, 1964  
GERALD LOREN SCHENK, A.B., 1964  
FRANK GROVES SIEPKER, B.S., Purdue University, 1961  
HERBERT GLENN STAFF, B.S., 1961  
RALPH SCOTT SUMMERFIELD, A.B., Drury College, 1965  
DAVID WILLIAM WATT, JR., B.S., University of Wisconsin, 1965  
PHILIP DEAN WYNN, B.S., University of Michigan, 1963

**COLLEGE OF EDUCATION****Degree of Bachelor of Science***In Elementary Education*

CAROLE LYNN BARNES  
BONNIE SUSAN BERLIN  
BARBARA ANN BESSINGER  
DONNA JEAN DENNIS  
NANCY LOUISE ECK  
PATRICIA JUDD FAUST  
MARJORIE ELLEN FRIEDMAN  
JUDITH AGAZZI GAWLIK  
JEANETTE RUTH GREGG  
JUDITH SANDRA HEILBRUNN  
JOAN JONES HERRIOTT  
TREVA BARBRE JANZOW  
JANIS KAREN KRAMER, High Honors  
CAROL MALK, Honors  
BEATRICE OTT MARRO, Honors  
EILEEN SUSAN MAYER

JACQUELINE COLBERT MILLER  
JEAN THOMAS NICHOLS  
DOROTHY PROCUNIER OLSON  
ROSEMARY ANNETTE PHILPOT  
MARSHA MAE POMRENZE, High Honors  
PAULA ANN RAYMOND  
LINDA JOY REISIN, High Honors  
HELEN SUE SAVITSKY, Honors  
BARBARA LILLIAN SKOCZ, Honors  
BARBARA JANE STANEK  
JANET DRELL STRAUSS  
PAMELA GAYLE SWERDLIN, High Honors  
JUDITH WEST THOMAS, Honors  
LORETTA TRAWINSKI, High Honors

*In Industrial Education*

JAMES MARCE BROWN  
DAVID WAYNE CHOBAR  
WILLIAM RUSSELL CLAXON, Honors  
GARY MICHAEL CORDIER  
HENRY VINCENT GROSS  
CARL ALBERT HEINRICH, Honors

WILLIAM ROGER HEMBREIKER, Honors  
DENNIS VINCENT KAZLAUSKAS  
PATRICK KEENE LAVAN  
DAVID BRUCE LAWRENCE  
JOHN BOSMAN PARKER  
PAUL EDWARD SKOLASKI

*In Secondary Education*

JAMES RICHARD FELDMANN  
CAROLE LYNNAE JOHNSON  
THURIDUR J. KRISTJANSOTTIR  
CLARENCE FRED LADWIG  
ENCARNITA MARIA MARTINEZ

EVELYN GAY MEIER  
ROBERT JOHN PRINCE  
OPAL VIRGINIA PROFF  
WILLIAM DALE TILEY  
ELIZABETH SMALL WIGGAM

## COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

## Degree of Bachelor of Science

*In Accountancy*

LESTER KENNETH ABLIN  
 THOMAS JAMES ANDERSON  
 DEBORAH LOUISE ASHBROOK  
 RONALD LEE BLOMQUIST  
 ROBERT CHARLES BOWERS, Honors  
 VICTOR HYMAN BRACA  
 ROBERT JOEL BUSH  
 MICHAEL FRANCIS CASSIDY  
 DONALD PAUL CRUM  
 HOWARD HENRY ELLIOTT  
 JOHN ALLEN ELSASSER  
 ELINOR HIXSON FOSTER  
 JOHN ARTHUR FREESE  
 WILLIAM ARTHUR FREY III  
 CHARLES RAYMOND FULK, Honors

JEROME HOMER GIEMANN  
 PHILIP MAX HANLEY  
 WILLIAM ADOLPH KAST  
 THOMAS PATRICK KEARNEY  
 NOEL FREDERICK KNOBLOCH  
 THOMAS KRISTIAN OHMAN  
 LARRY GLEN PAULEY  
 JOHN WALTER QUIRSFELD  
 GARY JOHN SPLITTSTOESSER  
 DONALD ELWOOD SWANSON, JR.  
 JACK BERA TEPLITZ  
 BARBARA ANNE UHLL  
 LAWRENCE WAYNE WEIDIG  
 RICHARD LOWELL WETHERELL  
 THOMAS LEE ZEBARTH

*In Economics*

STEPHEN CHARLES BANNISTER, High  
 Honors  
 JULIAN BRUNO GORSKI

JOHN EDWARD NIMZ, JR.  
 JOHN JAMES NOWICKI

*In Finance*

PAUL ALAN DECKER  
 KARL ROBERT FERNLUND  
 ROBERT SHERWOOD JACKSON  
 SCOTTY RAY JACOBS  
 DAVID LEE KELTNER  
 JOHN BOWLES MAJOR, JR.

DONALD ALLEN MCKAY  
 ALAN STEVEN PEPPER  
 TERRY JEROME SCHUSTER  
 CLAYTON ALLAN STUBBINS  
 DONALD RAYMOND VOIT

*In Industrial Administration*

CAROLYN GRAVES COOKE  
 GLENN MATTSOON CUTLER, JR.  
 ALLEN GUSTAV DRIES  
 ALLEN HARVEY HALL  
 RANDY K. HESS  
 RICHARD BOYCE KIRCHHOFF

RICHARD JOSEPH PETZOLD  
 AUGUST FRANCIS PIONKE, JR.  
 ROBERT ANTHONY POLIVKA  
 DUCK YOUNG SONG  
 THOMAS DALE WAGONER  
 KENNETH ANDREW WERON

*In Management*

ALAN BYRON CASTATOR  
 ROBERT ALAN EKSTEN  
 LARRY EDWARD GRABB

BURDETTE RICHARD JOHNSON  
 THOMAS SCOTT PARKHILL

*In Marketing*

RICHARD DENNIS BALL  
 JAMES COLLIN DONG, JR.  
 DOUGLAS WAYNE EDEN  
 JAMES EDMUND EGAN  
 ELLIOT ENGELHART  
 STEVEN GUNTHER FRIEDMANN  
 PEGGY LYNN HETTINGER  
 MICHAEL JAMES HOUSTON

HERBERT PAUL HUPFER  
 DIANNE PINNOW LEKOVISH  
 JOHN WAYNE MATZER  
 JOSEPH CECIL BANKS PATTERSON  
 DONALD FRANK PIERSON  
 ROBERT OWEN REICHL  
 ALAN JOHN YOUNG

## COLLEGE OF JOURNALISM AND COMMUNICATIONS

## Degree of Bachelor of Science

*In Communications*

MYRON MAYNARD BENNETT, JR.  
 ROBERT ALAN CHABER  
 STEPHEN GREGORY CREWS, Honors

BARBARA JEANNE GRAFF  
 JOHN RAYMOND HANKE  
 SHAREN EARLE KLOSTER

LOUIS WILLIAM OATES  
FRANK DANIEL PRICKETT  
EVA HARRIET SCHMIDT  
PATRICIA GAIL SHEPARD

BONNIE ANN SMITH  
DANIEL FRANCIS VIDAS, JR.  
ERVIN EVERMONT WYNE

### COLLEGE OF FINE AND APPLIED ARTS

#### Degree of Bachelor of Architecture

FRANCISCO J. AGULLO  
DAVID FREDERICK ASCHBACHER  
HAROLD FREDERICK BURKE, JR.  
DAVID C. ELMORE  
JOSEPH FRANKLIN FRUTH  
DAVID ARDEN HANSEN  
RONALD HASON, Honors  
KENNETH WILLIAM JONES  
COLIN PINKERTON LINDBERG  
JOHN JAMES MARTIN  
THOMAS JAMES MCMORROW  
PAUL LEONARD POLISKI

STEVEN RICHARD POLSON  
JOSEPH BENEDICT RALA  
KELLY DENNIS RIORDAN, Honors  
ALLEN CLARK SHELDON, JR.  
REX STEPHEN SLAUGHTER  
JOHN ROBERT SMART  
MYLES CLAY STEVENS, JR.  
RICHARD HARVEY STEWART, JR.  
RONALD EUGENE SZERLONG  
RONALD EDWARD VANDER WERFF  
WAYNE ALAN WORTHINGTON

#### Degree of Bachelor of Fine Arts

##### *In Art Education*

DIANE H. MARKS

ROBERT FLOYD WILSON

##### *In Crafts*

ELEANOR HEDWIG MOTY, Honors

MARY GROTH PILCHER, Honors

##### *In Graphic Design*

ANEITA KAY ATWOOD, Honors  
AARON ARTHUR FAGEN  
LINDA ANN JACOBER  
CAROL CLAUDIA LIBERA, Honors

JANICE MARIE CARY McNARY  
HENRY JAMES RETZER, Honors  
DENNIS ANDREW TAYLOS  
BEVERLY ANN YURTIS

##### *In Industrial Design*

DAVID MICHAEL BAUMAN  
JAMES MICHAEL CYBOROWSKI, High  
Honors  
WAYNE JOSEPH FRANEK  
JAMES GARDNER MILLER III

ROGER RAY RHODENBAUGH  
KENNETH RICHTER  
JAMES PAYTON WANG  
JOEL MUELLER WITTKAMP

##### *In Painting*

JUDITH ANN HUFSCMITT  
WAYNE LEO PAIGE  
VIRGINIA PECK, Highest Honors  
NORMA MCHOES RICHARDS

FERRIS HOLBROOK STEPAN  
DIANE SUE STOKES  
CAROL BARCH TAYLOR  
GERALD EUGENE VEST

##### *In Sculpture*

MARVIN LYLE SHAFER, Honors

#### Degree of Bachelor of Landscape Architecture

GLENN DOYLE STAINTON

#### Degree of Bachelor of Music

JOHN FREDERICK DEPPE  
JAMES STEPHEN JAVORE

DAVID HAMMAN MAXWELL, High  
Honors  
ROBERTA GERTRUDE SAPER

#### Degree of Bachelor of Science

##### *In Music Education*

BONNIE MARA BARNETT, Honors  
LOVICE JOY BRICHTA, Honors

ELIZABETH JOSEPHINE BURK, Honors  
BONNIE TRAUM BURROWS

SANDRA LEE GARRISON, Honors  
 JANICE COYKENDALL HANSEN  
 JAMES STEPHEN JAVORE  
 JAN KAY KEISTER, Honors  
 GERALD WAYNE MAKEEVER

ROBERT EDWARD NOVOTA  
 DAVID THEODORE PETERSON  
 GERALD JOSEPH PINZINO, Honors  
 DENNIS ALAN SHAUL  
 MARY ELLEN SIMMONS

### Degree of Bachelor of Urban Planning

STEPHEN PAINE JOHNSON  
 ALAN WESLEY MOORE  
 ROGER EUGENE MYERS

STEVEN DAVID PERLMAN  
 MICHAEL GEORGE ZALECKI

## COLLEGE OF PHYSICAL EDUCATION

### Degree of Bachelor of Arts

#### *In Dance*

KATHERINE ABBOTT

GAIL ELLEN MAZUR

### Degree of Bachelor of Science

#### *In Health Education*

CHARLES MARTIN ESPINOZA

#### *In Physical Education*

THOMAS DAVID ABERNATHY  
 TONI-ANNA BJORN, Honors  
 JOHN RAYMOND BUCKLAR  
 PATRICIA LONGSTRETH CARPER  
 HAROLD WEGMAN CARR, JR.  
 JOHN DIXON FLEMING, High Honors  
 CHARLES EUGENE LAMKIN, JR.  
 ROBERT CHARLES LORENZ

MARILYN MARSHALL  
 BARBARA JEAN MORRIS, Honors  
 JOHN JEROME PELECK  
 SHARON SOBALA SERNEL  
 CAROL RICKEY SMITH, Honors  
 NIJOLE REGINA STONCIUS  
 RICHARD ROLAND STONE  
 JON COLBY SWANSON, Honors

#### *In Recreation*

MARILYN FRANCES FINDAHL  
 ROBIN DALE GALTER  
 JO ALBERTS GILLESPIE  
 DANIEL MICHAEL HUMAY  
 SYLVIA GAIL LEMEN

JACQUELYN LEE REILAND  
 MARY ELLEN SHINNERS  
 SUE ANN SONDELL  
 MATTHEW ASHER SPAGAT

#### *In the Teaching of Dance*

JEANNETTE ROSE VOTAVA

## COLLEGE OF VETERINARY MEDICINE

### Degree of Bachelor of Science

#### *In Veterinary Medicine*

ROGER LEE HUNTER

## SECRETARY'S REPORT

The Secretary presented for record appointments to the faculty made by the President, resignations and declinations, leaves of absence, and the following cancellation and change in sabbatical leaves of absence.

### CANCELLATION OF SABBATICAL LEAVE OF ABSENCE

KIRK, COLLEEN J., Professor of Secondary and Continuing Education and of Music, and Counselor on University Council on Teacher Education, Urbana — sabbatical leave of absence granted her for Semester II 1967-68, on full pay, is cancelled without prejudice.

**CHANGE IN SABBATICAL LEAVE OF ABSENCE**

CASH, JACOB G., Professor of Dairy Science Extension, Urbana — sabbatical leave of absence changed from six months from January 1, 1968, on full pay, to three months from April 1, 1968, on full pay.

A copy of the complete report is filed with the Secretary.

**ANNOUNCEMENTS FROM THE PRESIDENT OF THE BOARD****FUTURE BOARD MEETINGS**

President Swain announced the following schedule for the next three meetings of the Board: annual meeting of the Board, March 20, 1968, Urbana (having been changed by vote of the Board from Tuesday, March 12); April 17, 1968, at Chicago Circle; May 15, 1968, in Urbana.

**RECESS**

On motion of Mr. Clement, the regular meeting was recessed and the President of the Board stated that following lunch, a meeting of the Committee on Buildings and Grounds had been called and that an executive session had been requested and was being ordered following the Committee meetings to consider recommendations relating to patentable discoveries, property acquisitions and pending litigation.

**LUNCHEON**

A film produced at the Medical Center Campus, "Educating the Dedicated," was shown to Trustees and other University personnel following the luncheon.

**EXECUTIVE SESSION**

When the Board reconvened, the same members of the Board, officers of the Board and officers of the University as recorded at the beginning of these minutes were present.

The Board considered the following recommendations from the President of the University.

**RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE**

(32) 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. Low pressure absolute manometer — Wilfred C. Schuemann, former Research Associate in the Coordinated Science Laboratory, inventor; developed under the sponsorship of the Joint Services Electronics Program and the National Aeronautics and Space Administration.

The basic device consists of a metallic vane mounted on the end of an arm suspended at the center of a torsion fibre. The unknown pressure is on one side and a high vacuum on the other side of the vane. Molecules rebounding from one side of the vane give rise to a torque about the axis of the torsion fibre. A conducting grid is placed in front of the vane and a torque, opposing that caused by the molecules, can be produced by applying a voltage between the grid and the vane. A mirror is placed on the arm at the torsion fibre and optical techniques are used to determine a null position. The gas pressure on the back of the vane is made negligible by placing the vane in a wall between two vacuum systems. The first system contains the gas to be measured and the grid to produce the electrostatic force. The second system contains the suspension fibre mounting and a pump which has a pumping speed very much larger than the leakage conductance from system 1 to 2 through the gap around the vane.

The Committee recommends that the rights of the University in this invention be assigned to the National Aeronautics and Space Administration, if that is the wish of that agency, and that the University not request a waiver from that agency for the use of the invention.

2. Gamma ray probe for measuring submarine sediment density in situ—K. Preiss, former Assistant Professor of Civil Engineering and of Nuclear Engineering, inventor; developed under the sponsorship of the Office of Naval Research.

The probe consists of two tubes spaced approximately 12 inches apart and approximately 12 inches long. One tube contains a source of gamma radiation, which is cesium 137. The other tube contains a sodium-iodide scintillation counter which is arranged so as to count only the photons over the cesium 137 absorption peak. In such a system the density of the material between the tubes is proportional to the logarithm of the detected count rate. This detected count rate is sent by cable to a ship for recording.

The Committee recommends that the rights of the University be assigned to the inventor, subject to the rights of the Navy, and that if the inventor does not apply for a patent the rights be assigned to the United States Navy.

3. Monitored and adaptive socratic tutor for educational research, the MASTER I/O station for the SOCRATES computer based teaching system—Kenneth C. Smith, former Research Associate Professor of Electrical Engineering and of Electrical Engineering in the Department of Computer Science, inventor; developed under the sponsorship of the Office of Naval Research.

This is a film transport mechanism with transistorized function and timing logic for use under computer control as a teaching station. The film transport and projection system of the United States Industries' AutoTutor Mark II is used as well as printed circuit cards designed at the Department of Computer Science of the University of Illinois.

The Committee recommends that the rights of the University be assigned to the inventor, subject to the rights of the Navy, and that if the inventor does not apply for a patent the rights be assigned to the United States Navy.

4. N-Carbalkoxy-O-Alkylamidoximes as insecticides—Dominick A. Coviello, Associate Professor of Chemistry in the College of Pharmacy, Sheila R. Liberman, former Assistant in Chemistry in the College of Pharmacy, and Bernard Greenberg, Professor of Biological Sciences at Chicago Circle, inventors.

Derivatives of the general structure designated N-Carbalkoxy-O-Alkylamidoximes have been prepared and have demonstrated an ability to kill houseflies.

The Committee recommends that the rights of the University be assigned to the inventors.

5. Solid state junction devices for light detection and modulation—Chih-Tang Sah, Professor of Electrical Engineering and of Physics, inventor; developed under the sponsorship of the Advanced Research Projects Agency and the Air Force Office of Scientific Research.

Light modulation and detection can be obtained at the impurity centers in the depletion region of a semiconductor junction. This invention proposes the use of this newly discovered phenomena by this inventor for light detection, modulation and cross modulation.

The Committee recommends that the rights of the University in this invention be assigned to the University of Illinois Foundation for further study and patent application, such assignment subject to the rights of the sponsoring agencies.

6. Electrochemical and/or chemical reduction projects of hexavalent chromium prepared by molten salt techniques—H. A. Laitinen, Professor of Chemistry, and J. H. Propp, former Research Assistant in Chemistry, inventors; developed under the sponsorship of the United States Army Research Office at Durham.

A protective coating has been prepared by electroreduction of chromate in molten lithium chloride-potassium chloride in the presence of magnesium chloride at temperatures of approximately 350-600°C.

The Committee recommends that the rights of the University in this invention be assigned to the University of Illinois Foundation for further study and patent application, such assignment subject to the rights of the sponsoring agency.

7. Tube latex glutination test ("Malaria Vaccine and Malaria Diagnostic Test"), Miodrag Ristic, Professor of Veterinary Pathology and Hygiene, in the College of Veterinary Medicine, and of Veterinary Research, in the College of Agriculture, Radmilo A. Todorovic, Research Associate in Veterinary Path-

ology and Hygiene, in the College of Veterinary Medicine, and in Dairy Science, in the Agricultural Experiment Station, Arnold Ray Smith, Post-D.V.M. Trainee, inventors; developed under the sponsorship of the National Institutes of Allergy and Infectious Disease and the National Heart Institute.

An antigen was extracted from the serum of animals acutely infected with malarial parasites. When this antigen was freed from most of the native serum components, it was found to be useful in a tube latex agglutination (TLA) test for diagnosis of various malarias, including that of man. Preliminary trials with this antigen indicate that it is immunogenic and that it may be used for prevention of malarial infections.

A patent application has been filed. The Committee recommends that assignment be made to the University of Illinois Foundation, subject to the rights of the sponsoring agencies.

On motion of Mr. Clement, these recommendations were approved.

#### EMPLOYMENT OF SPECIAL COUNSEL

(33) At its meeting on September 20, 1967, the Board of Trustees authorized the Legal Counsel to take such steps as are necessary or appropriate, including the employment of special counsel, to defend the University and its employees in a suit filed in the Circuit Court of Cook County (67 L 13177) by Howard S. Chapman, one of the passengers in a University plane which crashed November 28, 1966. In connection with the same transaction, Howard S. Chapman filed suit in the United States District Court for the Northern District of Illinois, Eastern Division (Civil Action No. 66 C 2335) against the United States of America. The Amended Complaint in the Federal suit seeks damage from the United States of America in the amount of \$850,000 for the alleged negligence of the United States in the matter. The United States of America has now filed in the Federal action a Third-Party Complaint against the University and its same representatives and agents who were named as defendants by Howard S. Chapman in the State court action. The Third-Party Complaint seeks to require the University and its representatives and agents to indemnify the United States for or, alternatively, to contribute a prorata share of any liability assessed against the United States of America in the Federal Court action.

Each of the University employees named as a defendant in the Third-Party Complaint is alleged to have been performing his University duties on the occasions referred to, and each has requested the University to provide representation for him in the matter.

The Legal Counsel recommends that he be authorized to take such steps as are necessary or appropriate, including the employment of special counsel, to defend the University and its employees in the Federal proceedings.

I concur.

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

#### PENDING LITIGATION

The Legal Counsel reported on the status of condemnation cases, including the pending condemnation of the Winship Property at the University of Illinois-Willard Airport. At the request of the Legal Counsel and on motion of Mr. Grimes, the Board granted the officers of the University authority to settle the condemnation at a price up to \$1,200 per acre plus damages to land not taken, if such settlement is indicated by the progress of the litigation.

On motion of Mr. Grimes, the Board adjourned.

EARL W. PORTER  
*Secretary*

TIMOTHY W. SWAIN  
*President*